

10 CENTS

NOVEMBER

# SHORT WAVE REPORTER

*Handwritten initials or signature*



BROADCAST SCHEDULES  
TELEGRAPH FREQUENCY MARKERS  
NEW STATIONS AND STATION NEWS



## VERI ASSURANCE

Writing for verifications is fun, provided you get them; but, to send reply coupons without getting a reply burns us up." Voicing the listeners' sentiment, a member has said he would not mind the expense of a coupon if certain of getting his verification. All who have used coupons know to their sorrow that no such assurance is afforded. There is but one thing certain about them and it is that they cost nine cents. In some countries they may be cashed for five cents, but in a number of countries they have no value at all, their acceptance by the postal authorities being optional.

Outside the United States, private shortwave broadcasting stations are usually commercial enterprises and must keep an eye on their operating expenses. Unless they have requested the reports, they should not be censured for failure to verify at their own expense. It is not always possible for listeners to distinguish between stations except by the costly trial and error method. To protect listeners from loss, the QRC has obtained absolute assurance of the stations listed below that all correct reports received via the QRC will be verified. These we list as "dime veri" stations because, instead of reply coupons, we offer to send them the cash. As a pro-rata contribution toward air-mail postage and postal money order fees, each request should also be accompanied by 3 cents, that is, a dime plus 3 cents.

### DIME VERI STATIONS

5.755 YV2RA	San Cristobal, Ven.	Jesus M. Diaz G., Propietario
5.885 HI-9B	Santiago, Rep. Dom.	J. L. Sanchez, Jr., Director
6.015 HI-3U	Santiago, Rep. Dom.	Moises Franco Franco, Director
6.030 XE-BQ	Mazatlan, Mexico	Alejandro A. Schober, Gerente
6.085 HJ5ABD	Cali, Colombia	Jorge E. Rivas, Gerente
6.122 HJ3ABX	Bogota, Colombia	C. Rios Hoyos, Gerente
6.150 HI-5N	Moca, Rep. Dom.	J. B. Curjel, Propietario
6.360 YV1RH	Maracaibo, Ven.	G. Nouel, Director Tecnico
6.610 YN-LG	Managua, Nica.	Benjamin J. Guerra L., Manager
6.630 H I T	Ciudad Trujillo, D. R.	F. A. Sanabria, Manager
6.668 HC2RL	Guayaquil, Ecuador	Dr. Roberto Levi, Manager
9.300 YN-GU	Managua, Nicaragua	Miss Matilde Haydee Diaz, Dir
9.330 OAX4J	Lima, Peru	Antonio Vazquez P., Gerente
9.500 H J U	Buenaventura, Col.	Alberto Pinzon Neira, Gerente
9.520 XE-DQ	Guadalajara, Mex.	Mario E. Bozzano, Manager
9.550 XE-FT	Veracruz, Mexico	Jose Rodriguez Lopez, Gerente
9.580 OAX5C	Ica, Peru	J. A. Umbert F., Owner
11.700 HP5A	Panama City	A. Villegas Arango, Manager
11.700 CB-1170	Santiago, Chile	Luis M. Desmaras, Gerente
15.440 XE-BM	Mazatlan, Mexico	Jose F. Azcona, Gerente

(See Inside Back Cover)

80-30-127

# Short Wave Reporter



## HEAR KLIPHEUVEL!

Africa promises now to be so easily logged that much of the thrill will be gone. The new Klipheuvcl transmitter relays all Capetown daytime broadcasts on 9,606 (31.23) but closes down from 6:45 till 7 p. m. S.A.T. (7 hours ahead of E.S.T.) in order to change over to 6,097.5 (49.2). Excepting Saturdays (Sunday morning in Jo'burg) they may be heard throughout North America with excellent signal strength at 11:45 p. m. EST (8:45 p. m. PST).

Opening with a broadcast from the Johannesburg studios, a bugle summons listeners to physical exercises directed by a man accompanied by piano. Just before midnight EST a five-minute interval in the exercises is announced, and at midnight a six-pip time signal and chimes blend with the striking of seven. Then they may reveal their identity by special announcement asking listeners to send reports on the reception of this new transmitter to the African Broadcasting Company, Box 4559, Johannesburg, South Africa. No call letters are given nor do they identify themselves at regular intervals in accordance with international practice. Brief news items in English and sometimes Afrikander are followed by the resumption of exercises; then a quarter hour of music and finally produce market news. Concluding with a bugle call, the station leaves the air "till a quarter after ten (S.A.T.)" Signal strength is good, tapering off toward the close as daylight increases at the point of transmission. Static is generally noticeable during this broadcast.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.  
10 cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1937 by E. J. Shields, Chots.

Advertising accepted of reputable firms only. Rates on application.

The next transmission fades in on the West Coast near 6:30 a. m. PST and may be identified by a six-pip time signal at 7. Gaining in strength and clarity, it affords a full hour of entertainment value before yielding to daylight. No announcements are made between musical selections but on the half-hour the selections just heard are named as well as those to follow during the ensuing half-hour. At 8:45 a. m. PST the station leaves the air to make the frequency change announced during the earlier program, the lower frequency rarely being heard in North America. Listeners on the West Coast who tune for this station on 9.606 at 7:30 a.m. PST will be agreeably surprised by the excellence of their reception—we hope!

#### ARGENTINA

Relays of LR3 Radio Belgrano, Buenos Aires, by station CXA-8 Montevideo on an announced frequency of 9,640 kc have been well received on the Coast, particularly toward the conclusion of their transmission, 9 p. m. PST. Power has apparently been stepped up, but still does not approach that of its neighbor, LRX Radio El Mundo 9.660. A multilingual announcement is made at sign-off.

#### BRAZIL

"Our Short Wave Station PSE, operating on 14,935 kc or 20.08 meters, has been relaying a program to Germany regularly every Wednesday from 2050 to 2110 GMT." For this note of interest the QRC thanks the Cia. Radio Internacional do Brasil, Rua Tehophilo Ottoni, 74, Caixa Postal 709, Rio de Janeiro, who, we are sure, will be pleased to verify all reports of reception in North America.

#### BRITISH HONDURAS

Reported tests by ZIK-2 of Belize on an announced frequency of 10,600 kc/s indicate the inauguration of a new phone circuit. Music and news have been broadcast at 1 and 7 p. m., their time, (apparently a half hour ahead of CST), but were temporarily discontinued pending their authorization. Later advices give the schedule as 7:30 p. m. EST Mondays, Thursdays and Saturdays.

#### CHILE

The announcement CB89 and CB1170 "Emisoras Otto Becker" Santiago, Chile, instead of "Radio Service" as expected has been somewhat confusing, but the announcer and portions, at least, of the program are the same as before. Some sort of consolidation appears to have been effected. The reported frequency deviation was corrected before the REPORTER reached some listeners and teaches us the advisability of listing assigned frequencies only, in this case, 11,700 kc.

Station CB1190 "Radio Sur Aliviol" of Valdivia likewise corrected its frequency deviation, being found near 11,900 in the clear. The postal

address: Casilla 642, is said to be correct. A quarter hour program entitled "Goodnight" beginning nightly at 9:30 p. m. EST opens and closes with the Ted Lewis "Goodnight Melody."

#### CHINA

During the month, Station XGOX of Nanking has gradually drifted higher in frequency until lately it may be heard with an improved signal near 9.800 mc. The hum that was characteristic is no longer prominent. Announcements are fairly frequent and clearer, but the expressed opinion of the international situation appears still to be "foeey foeey."

#### COLOMBIA

Messrs. Cesar & Marco Arango Mejia, Owners & Operators of "La Voz de Pereira" Station HJ4ABU of Pereira, Caldas, Colombia, announce a change in frequency to that of 6,054.3 kc/s or 49.55 meters effective Saturday, September 25. While there is scarcely such a thing as a clear channel on the 49 meter band, this new frequency should be an improvement over the former channel of 6,150 kc. Reception in North America will depend upon whether W8XAL Cincinnati 6.060 causes interference. From the Argentine comes the report that this station's call has been changed to HJ6ABA, but the owners make no mention of such a change. Listeners are invited to report.

Although scheduled to change to a frequency of 4,860 kc, Station HJ1ABE of Cartagena attempted operation in October on its old frequency of 9,500, but fared badly in its contest with XEWW of Mexico City, a 9 kw station.

#### DENMARK

Advice from Copenhagen indicates that broadcasts on the frequencies of 6.060 and 11.805 have been discontinued, at least temporarily, in favor of Station OZF with 6 kw power on 9.520 from 2 till 6:45 p. m. EST daily. Transmissions conclude with the Danish National Anthem "There's a Winsome Land."

#### DOMINICAN REPUBLIC

A new station now regularly heard in eastern U. S. is HI-uno-L Emisora Nacional "El Dario" (The Daily) of Santiago de los Caballeros on an assigned frequency of 6,479 kc (not to be confused with the older station HIL of the same city.) For further details, please refer to the Station Data section of this issue.

#### FIJI ISLANDS

From Radio Suva VPD-2 9.540 the QRC is in receipt of advice that the station's power has been "400 watts unmodulated" with a note that the power is to be increased. The Sydney Office of the owners, the Amalgamated Wireless (A/sia) Ltd., rate this transmitter at 2 kw on a frequency of 9.536. Listeners may judge accordingly.

**GUATEMALA**

The new 5 kw RCA transmitter whose installation was announced by Sr. Carlos Castillo Caceres, Director of Radiodifusora Nacional TGWA of Guatemala City, has been reported testing with an excellent signal on a frequency of 11,760 kc.

Tests by the experimental station TG-2 of Guatemala City have been reported on a frequency of 6,190 kc instead of 6,310 kc as usual, this station being operated by the Department of Electrical Communications.

**MEXICO**

While eastern listeners may find the interference too great, station XEDQ of Guadalajara—one of our "dime veri" stations, the reporting of which scores in the Duplex Contest—has been testing near 9,550 kc for the past few weeks. Modulation is not entirely perfect, the speaker's voice being slightly muted, but signal strength is very good on the West Coast.

**NICARAGUA**

By air mail, Sr. Benjamin J. Guerra L., Manager of YN-LG Radio Emisora "Ruben Dario" of Managua, courteously informs the QRC that, effective October 1, the Nicaraguan Ministry of Communications assigned his station the frequency of 6,610 kc/s, instead of the former frequency of 6,325 kc/s. The verification of correct reports sent via the QRC with a dime and three cents postage is assured.

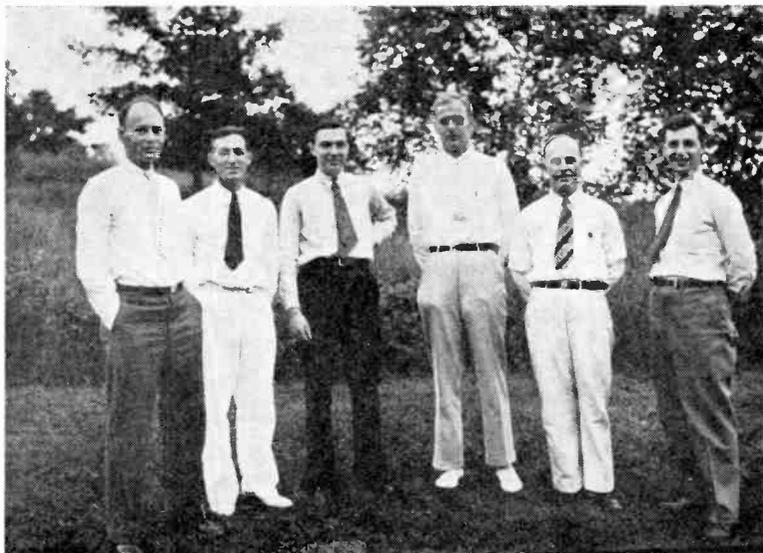
**NORWAY**

The season is approaching when eastern listeners should be able to log at least Station LKC Jeloy relaying Oslo on 9,530 kc until 8 a. m. EST daily. The verification cards of this station bear some of the most beautiful landscapes it has been our privilege to view, and they extend you a cordial "Welcome to Norway, the Land of the Midnight Sun." Every collector should be sure to obtain one. Identification aids follow:

LKC "Norwegian State Short Wave Broadcasting Station," Jeloy 10 35 46 E. 59 26 12 N., 1 kw 9,530 & LKJ 1 kw 6,130 relays Norwegian National Program from Oslo. (i) 6 notes, "Hallo, Oslo." (s) National Anthem, "Ja, vi elsker" (Yes, We Love This Country) and motif from Grieg's "Sigurd Jorsalfar." Men announcers. Olav Midttun, Program Director. Government Station. Studios: Norsk Rikskringkasting, Stortingsgaten 28, Oslo. Address for Listeners' Reports: Administration des Telegraphes, Oslo.

**PANAMA**

One of the latest stations to assure listeners of the verification of all correct reports, when forwarded with a dime and three cents postage via the QRC, is HP5A "Star & Herald Radio Theatre" of Panama City on 11,700 mc. We are indebted to Manager A. Villegas Arango for this courtesy. Unfortunately for listeners on the West Coast, station CB-1170 "Emisora Otto Becker" of Santiago, Chile, is causing severe interference.



*Meet the Bay Staters! Shot not at dawn but on the lawn at twilight! Left to right: Stuart Osgood QRC 468 of Marblehead, Henry V. Miner QRC 8 of Wollaston, Ray La Rocque QRC 140 Chief Night Owl of Worcester who doesn't give a hoot, Thos. F. Waters QRC 215 honored guest of Cincinnati, Arthur F. G. Bruder QRC 6 of Allston, and Walter L. Chambers QRC 252 our jovial host of Lexington.*

#### PARAGUAY

With earlier darkness eastern listeners may be able to log this country, new to many. ZP-14 "Radio Cultural," Villarrica 5 kw 6.315 relays ZP-4 "Radio Nacional" daily from 4:30 till 6 p. m. EST, excepting Saturdays and Sundays from 11 a. m. till 5 p. m. EST. That QRC members have not reported this station is attributable to the fact that this frequency is not favorable for distant daylight reception, nor do "men of affairs" often have time on their hands for DX'ing till the day's work is done.

#### PERU

Though exposed to greater interference, Station OAX5C, Radio Universal de Ica, changed to a frequency of 9,580 kc where it was heard with a much improved signal. Listeners report the announcement that it has joined the ranks of the "dime veri" stations, guaranteeing the verification of correct reports sent via the QRC. Don't forget the 3 cents postage on a pro-rata contribution toward our air mail expense, please.

**POLAND**

Station SPW of Warsaw 13,635 has been reported heard by a Member broadcasting Sunday evenings from 6 till 8 p. m. EST. In signing off they announced they were also using a new 2 kw transmitter on 11.535, the call not having been given. The same program was heard with a much weaker signal on the latter channel.

Later advices give the call of the new station as SPD, heard daily from 6 till 7 p. m. EST.

**PORTUGAL**

The National Broadcasting Station of Portugal courteously advises the QRC that shortwave relays are still being conducted experimentally, the power having been increased to 10 from 5 kw. These programs are designed for the Portuguese Colonies: Cape Verde Islands, Guinea, Saint Thomas and Prince's Island, Angola, Mozambique, Macau and Timor, Goa, Damao and Diu, and for Portuguese nationals resident abroad.

Further particulars follow:

CSW "Estacao de ondas curtas de Emissora Nacional," Lisbon 10 kw 9.940, 11.040 (s) A "Portuguesa," National Anthem. Aurea Rodrigues, Maria Rezende, Fernando Pessa, Olavo d'Eca Leal, Announcers. Manuel Bivar, Chief Engineer. Captain Henrique Galvao, Director. Government Station under direction of Ministry of Public Works & Communications. Studios: Rua do Quelhas 2.

**SALVADOR**

Verifications of YSD San Salvador (Cuscatlan) as "test transmissions" have been received by QRC Members from Sr. Victor M. Escobar, Director General de Telegrafos, Telefonos y Radio Nacionales, Republica de El Salvador.

**SPAIN**

Broadcasts of the rebel version of the war in Spain may be heard nightly from 9 to 9:45 p. m. EST over Radio Nacional, Salamanca, on an announced frequency of 10.37 megacycles.

**SWEDEN**

For the hours of the Swedish broadcast relays, please refer to the Broadcast Schedule of this issue. Additional details follow:

SBO "Motala Rundradiostation" (Motala Broadcasting Station) Motala 15 02 40 E 58 32 50 N 750 w 6.065 & SBP 11.705. (i) None. Government Station under the direction of The Royal Board of Swedish Telegraphs, Stockholm. Address reports to Motala.

**VENEZUELA**

Sr. Ricardo Espina, Director of YV5RC Radio Caracas 5.800 kc/s, in the city of that name, kindly informs the QRC that they will soon inaugurate a new 5 kw transmitter on that frequency, in the place of their present 1 kw transmitter.

## URUGUAY

Delay in the receipt of output tubes caused the postponement of the inauguration of the 5 kw transmitter by station CXA-2 of Montevideo, scheduled for September 1. Meanwhile the 300 watt transmitter has been moved to new quarters and the new transmitter is being constructed beside it. Details follow:

CXA-2 Montevideo (Carrasco) 5 kw 6,000 relays LS2 "Radio Prieto" and others (o) "Volunteer Trumpeter." (s) "Goodnight Melody." Ernesto Racine, Co-owner. Continental Radio Publicity Co., Owners. Plant: Camino Carrasco 5151. Studios: Calle Juan Carlos Gomez 1431.

Sr. Hector M. Laborde has had the kindness to acquaint the QRC with interesting details concerning the Official Service of which he is Secretary and General Manager, that is, the Servicio Oficial de Difusion Radio Electrica (abbreviated S.O.D.R.E.) or, in English, the Official Radio Electric Broadcasting Service, operators *inter alia* of Station CXA-4 of Montevideo on a frequency of 6,125 kc.

SODRE is an Institute of Radio Broadcasting created by the Government of the Republica Oriental del Uruguay to transmit essentially cultural programs, all that might be regarded as commercial advertising being excluded. This Institute has various units under its direction, these being divided in two principal groups. Belonging to the first there are the following: An Auditorium Studio with capacity for 2,400 persons; a 106-piece Symphonic Orchestra; a Chamber Music Orchestra; School of Choral Teaching; School of Music Arranging; School of Dancing; National Conservatory of Music & Band with 70 professors. To the second group correspond: Transmitter Plants (two stations in operation and two under construction); Receiving Station; Amplification & Extension Service; Electrical Transcription Service; Experimental Laboratory; National Library of Recordings; Broadcasting Studios, Announcers' Booths, etc. A new 20 kw shortwave station is at present under construction for operation next year on the 19, 25 and 31 meter bands, with advice of complete details regarding schedules and programs opportunely to be given the QRC. Test transmissions will also be made on 28 megacycles.

The Institute is governed by a Directive Committee comprised of the following members: Sr. Carlos Reyles, President; Dr. Carlos Butler, Vice-President; Dr. Andres Cesar Pacheco, Counsellor; Don Joaquin Serratos Cibils, Treasurer; Architect Juan A. Scasso, Secretary.

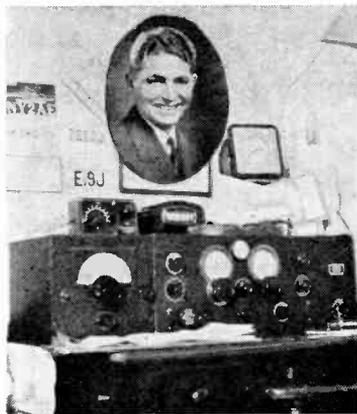
As stated, the post of General Manager of the Service is held by Sr. Hector M. Laborde, the Manager of the Auditorium Studio being Sr. Carlos Buella Diana. Communications may be addressed the Secretary, Servicio Oficial de Difusion Radio Electrica, Calle Mercedes 823, Montevideo, Republica Oriental del Uruguay, Sud-America, and Sr. Laborde, QRC 940, will cause fellow members to be extended every consideration.

**ADDITIONS**

14.935	Rio de Janeiro, Brazil	P S E
11.760	Guatemala City	TGWA
11.535	Warsaw, Poland	S P D
9.640	Montevideo, Uruguay	CXA-8
9.630	Bucaramanga, Colom.	HJ7ABD
9.606	Klipheuvcl, S. Africa	Z T J
9.530	Jeloy, Norway	L K C
9.200	Habana, Cuba	CO-BX
8.870	Santiago, Cuba	CO-KG
6.479	Santiago, D. R.	HI-1L
6.315	Villarrica, Paraguay	ZP-14
6.130	Jeloy, Norway	L K J
6.125	Montevideo, Uruguay	CXA-4
6.065	Motala, Sweden	S B O
6.000	Montevideo, Uruguay	CXA-2

**CHANGES**

11.705	Motala, Sweden	S B P
9.800	Nanking, China	XG-OX
9.580	Ica, Peru	OAX5C
8.846	Quito, Ecuador	HC-JB
6.610	Managua, Nicaragua	YN-LG
6.190	Guatemala City	TG-2
6.145	Medellin, Colombia	HJ4ABE
6.054	Pereira, Colombia	HJ4ABU
4.860	Cartagena, Colombia	HJ1ABE



*This Million Dollar Smile belongs to none other than Robert R. Irwin QRC 326 and the President of the World Wide Dial Club of Chicago.*

**VENEZUELA**

Sr. Jose A. Higuera M., proprietor of Stations YV1RK and YV1RL of Maracaibo, has had the kindness to acquaint us with information calling for changes in our Station Data. It is also remarked that the Studios are in the center of the city, with plant operated by remote control at Sabaneta Larga, a suburb three miles distant. At the conclusion of all broadcasts, the station signs off in Spanish and English. Data amended as follows:

YV1RL "Radio Popular," Maracaibo (Sabaneta Larga) Estado Zulia 300 w 5.930 relays YV1RK 250 w 1,250 kc/s (s) "Marcha del Emblema Nacional" (National Emblem March). (i) 4 Chimes. Maracaibo time 13' 16" ahead of EST. Rafael Rivera, Jorge Asprino, Jose Alvarado, Julio Cesar Borges, Juan Pablo Parodi Granes, Alirio Garcia M., Announcers. Rafael Rivera Parra, Director. Jose A. Higuera M., Owner and Technician. Offices: Bolivar 26, Altos. Studios: Registro 31, Altos. Apartado 347.

From La Casa Philco de V. M. Soto, Owners & Operators of Station YV5RP 6.270 comes advice of a power increase to 5 from 2 kw effective in October. Venezuelan sports events are relayed exclusively by this station. Our station notes are revised as follows:

YV5RP "La Voz de la Philco," Caracas 5 kw 6.270 relays YV5RQ 882 kc (s) "Schubert & Clarinada Military March." E. Vera F., E. Navas, J. G. Hurtado, G. Prohano, E. Salvador, Announcers. Augusto Brandt & Nicolas Delmare, Art Directors. Azael de La Lastra & Rafael Ramirez, Directors. Victor M. Soto, Owner. Studios: San Francisco a Pajaritos 31, altos. Apartado 508.

BROADCAST SCHEDULE

EASTERN STANDARD TIME

Msgs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
4.07	73.00	Quito	HCJB														S
4.273	72.52	Khabarovsk	RV-15														TWTFSS
4.600	65.22	Guayaquil	HCZET														SMTWTFSS
4.780	62.86	Barranquilla, Col.	H11ABB														
4.787	60.37	Cucuta, Colombia	HJ2ABC														
4.841	61.98	Bogota, Colombia	HJ5ABD														
4.860	61.73	Cartagena, Colombia	HJ1ABE														
5.145	58.31	Bandoeng, Java	P M Y														
5.725	52.40	Quito	HC1PM														
5.755	52.12	San Cristobal, Ven.	YV2RA														
5.758	52.10	Managua	YNOP														
5.800	51.72	Caracas, Venezuela	YV5RC														
5.830	51.46	San Jose	TIGPH														
5.830	51.46	San Jose, Costa Rica	TIKCP3														
5.850	51.28	Maracaibo, Venezuela	YV1RB														
5.865	51.15	San Pedro, Dom. Rep.	H1-1J														
5.875	51.06	Terucigalpa	HI-RN														
5.880	51.02	Parquimimto, Ven.	YV3RA														
5.885	50.97	Santiago, Dom. Rep.	H1-9B														
5.903	50.80	San Jose, Costa Rica	HI-7S														
5.910	50.76	Port-au-Prince	HI-LS														
5.930	50.59	Maracaibo, Venezuela	YV1RL														
5.930	50.59	Willemstad, Curacao	PIC-1														
5.940	50.51	Guatemala City	IGZX														
5.975	50.21	Huancayo, Peru	OAX-4P														
5.977	50.20	Lisbon, Portugal	CXA-2														
6.000	50.00	Montevideo, Uruguay	XEB1														
6.000	50.00	Mexico City	HIP-3K														
6.005	49.96	Colon	CFCX														
6.005	49.96	Montreal															
6.010	49.92	Habana	COCO														
6.012	49.90	Bogota	H1J3ABH														
6.015	49.88	Santiago	H1-5U														
6.020	49.83	Berlin	D J C														
6.020	49.83	Vera Cruz	XEUW														

5.91  
5.90

5.97

5.91  
5.90

4.8

BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
6.030	49.75	Panama City	HP-5B														SMTWTFSS
6.030	49.75	Mazatlan, Sinaloa	XE-BQ							8.9 $\frac{1}{2}$	11 $\frac{1}{2}$	1	2	3	4	5	SMTWTFSS
6.030	49.75	Medellin	HJ4ABP							8	8	2	4	6	9	12	SMTWTFSS
6.040	49.67	Boston	W1XAL														S
6.040	49.67	Miami Beach, Fla.	W4-XB														MTWTFSS
6.040	49.67	Barranquilla, Col.	HJ1ABG														T
6.054	49.55	Pereira, Colombia	HJ14ABU							6 $\frac{3}{4}$	11						SMTWFS
6.060	49.50	Philadelphia	W3XAU														MTWTFSS
6.060	49.50	Cincinnati	W8XAL							6	8						S
6.065	49.46	Motala, Sweden	S B O														MTWTFSS
6.070	49.42	Vancouver, B. C.	VE9CS														MTWTFSS
6.070	49.42	Toronto, Canada	CF-RX														T
6.070	49.92	Georgetown, Br. Guiana	VP3MR							7 $\frac{1}{2}$	10 $\frac{1}{2}$						S
6.073	49.40	Bogota	HJ3ABF														S
6.073	49.38	Gundalaajara, Mexico	XE-CU														MTWTFSS
6.080	49.34	Colon	HP-5F							9	11						MTWTFSS
6.082	49.32	Lima, Peru	OAX4Z							11 $\frac{1}{2}$	11 $\frac{1}{2}$						MTWTFSS
6.090	49.30	Call	HJ5ABD														M W F
6.090	49.26	Toronto	CRCX														SMTWTFSS
6.100	49.18	Belgrade, Yugoslavia	Y U A							7.8 $\frac{1}{2}$	12						SMTWTFSS
6.100	49.18	Chicago	W9 XF														MTWTFSS
6.100	49.18	Round Brook	W3XAL														MTWTFSS
6.110	49.10	Manizales	HJ4ARB														MTWTFSS
6.110	49.10	Mexico City	XE-PW														S
6.120	49.02	Mexico City	XE-LZ							9	11						M
6.122	49.00	Bogota, Colombia	HJ3ABX							9	11						SMTWTFSS
6.122	49.00	Arequipa, Peru	OAX6A							10 $\frac{1}{2}$	12.1 $\frac{1}{2}$						S
6.125	48.98	Montevideo, Uruguay	CXA-4							10 $\frac{1}{2}$	12 $\frac{1}{2}$						MTWTFSS
6.130	48.94	Jeløy, Norway	L K J							10	11						MTWTFSS
6.130	48.94	Habana	VEOD														MTWTFSS
6.130	48.94	Halifax	VE9HX							5 $\frac{1}{2}$	10						MTWTFSS
6.130	48.94	Georgetown, B. C.	VP3BG							6 $\frac{3}{4}$	8 $\frac{1}{2}$						S
6.140	48.86	Medellin	HJ4ABD							10 $\frac{1}{2}$	11 $\frac{1}{2}$						MTWTFSS
6.140	48.86	Pittsburgh	W8-XK							10	11						MTWTFSS
6.145	48.82	Medellin, Colombia	HJ4ABE							9 $\frac{1}{2}$	10 $\frac{1}{2}$						SMTWTFSS

6.09

SHORT WAVE REPORTER

BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
6.150	48.78	Winnipeg	CJRO				3						6				S MTWTFSS
6.150	48.78	Santiago	HI-5N														S MTWTFSS
6.158	48.72	Caracas, Venezuela	YV5RD														SMTWTFSS
6.174	48.59	Mexico City	XE-XXA														MTWTFSS
6.190	48.47	Guatemala City	IG-2														S MTWTFSS
6.190	48.47	Santiago	HI-1A														S MTWTFSS
6.206	48.34	Trujillo, City, D. R.	HI-8Q														S MTWTFSS
6.210	48.31	Coro, Venezuela	YV1RI														SMTWTFSS
6.230	48.15	Vaiera, Venezuela	YV1RG														SMTWTFSS
6.235	48.11	La Ceiba	HI R D														SMTWTFSS
6.243	48.05	Trujillo City, Dom Rep.	HI N														S MTWTFSS
6.250	48.00	Caracas, Venezuela	YV5RJ														S MTWTFSS
6.270	47.85	Caracas, Venezuela	YV5RP														SMTWTFSS
6.280	47.77	Trujillo, City	HI G														SMTWTFSS
6.280	47.77	Sancti-Spiritus	CO-HB														SMTWTFSS
6.295	47.65	Lima, Peru	OAX4G														S MTWTFSS
6.300	47.62	Maracay, Venezuela	YV4RD														S MTWTFSS
6.315	47.50	Villarrica, Paraguay	ZP-14														S MTWTFSS
6.316	47.50	Trujillo City	HI Z														SMTWTFSS
6.330	47.39	Habana, Cuba	CO-CW														SMTWTFSS
6.335	47.35	Chiclayo, Peru	OAX1A														SMTWTFSS
6.340	47.32	Trujillo City, D. R.	HI-1X														S S
6.360	47.17	Maracaibo	YV1RH														S
6.375	47.06	Caracas, Venezuela	YV5RF														S MTWTFSS
6.400	46.88	Caracas, Venezuela	YV5RH														SMTWTFSS
6.410	46.80	San Jose	TJPC														SMTWTFSS
6.420	46.73	Bolivar City, Ven.	YV6RC														SMTWTFSS
6.450	46.51	S. F. de Macoris, D. R.	HI-4V														SMTWTFSS
6.465	46.40	Maracaibo, Venezuela	YV1RD														SMTWTFSS
6.479	46.30	Santiago, D. R.	HI-1L														SMTWTFSS
6.520	46.01	Vaencia, Venezuela	YV4RB														SMTWTFSS
6.545	45.83	Ciudad Bolivar, Ven.	YV6RB														SMTWTFSS
6.550	45.80	San Jose	TJRC														SMTWTFSS
6.610	45.39	Managua, Nicaragua	YN-LG														SMTWTFSS
6.618	45.33	Riobamba	Prado														SMTWTFSS
6.630	45.25	Trujillo City	HI T														MTWTFSS

6.4



BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
9.550	31.41	Soerabania, Java	Y D B														SMTWTFSS
9.560	31.38	Berlin	D J A														SMTWTFSS
9.562	31.35	Lima, P. I.	OAX4T														SMTWTFSS
9.570	31.35	Manila, P. I.	KZ-RM														SMTWTFSS
9.570	31.35	Millis	W1-XK														SMTWTFSS
9.580	31.32	London	C S C														MTWTFSS
9.580	31.32	Ica, Peru	OAX5C														MTWTFSS
9.580	31.32	Lyndhurst	VK3LR														MTWTFSS
9.590	31.28	Sydney	VK2ME														SMTWTFSS
9.590	31.28	Perth, Australia	VK4ME														MTWTFSS
9.590	31.28	Philadelphia	W3XAU														MTWTFSS
9.590	31.28	Hilversum, Holland	P C J														S W T
9.600	31.25	Santiago	CB960														S W
9.600	31.25	Moscow	R A N														MTWTFSS
9.605	31.24	Panama City	HP-5 J														SMTWTFSS
9.606	31.23	Kiliphevel, S. Africa	Z T J														MTWTFSS
9.617	31.20	Cartagena	HJ1ABP														SMTWTFSS
9.630	31.15	Bucaramanga, Colom.	HJ7ABD														MTWTFSS
9.635	31.13	Rome	12RO3														SMTWTFSS
9.640	31.12	Montevideo, Uruguay	CXA-8														MTWTFSS
9.642	31.11	Port-au-Prince	HH-3W														MTWTFSS
9.650	31.09	Lisbon, Portugal	CT1AA														SMTWTFSS
9.660	31.06	Buenos Aires	L R X														MTWTFSS
9.670	31.03	Heredia	TI-4NRH														SMTWTFSS
9.680	30.99	St. Paul, Martinique	CO-CQ														SMTWTFSS
9.750	30.77	Habana	CO-CQ														SMTWTFSS
9.775	30.69	Habana, Cuba	COCM														MTWTFSS
9.800	30.61	Nanking, China	XG-0X														SMTWTFSS
9.940	30.18	Lisbon	C S W														SMTWTFSS
10.260	29.24	Bandoeng	P M N														SMTWTFSS
10.330	29.04	Brussels	O R K														SMTWTFSS
11.000	27.27	Bandoeng	P L P														SMTWTFSS
11.000	27.17	Lisbon, Portugal	C S W														SMTWTFSS
11.402	26.31	Geneva, Switzerland	H B O														SMTWTFSS
11.535	26.01	Warsaw, Poland	S P D														SMTWTFSS

50.0-9.55 -  
9.57 -  
50.0-9.60

PHS. 10.22

10.37-25.92 - SALAMANCA

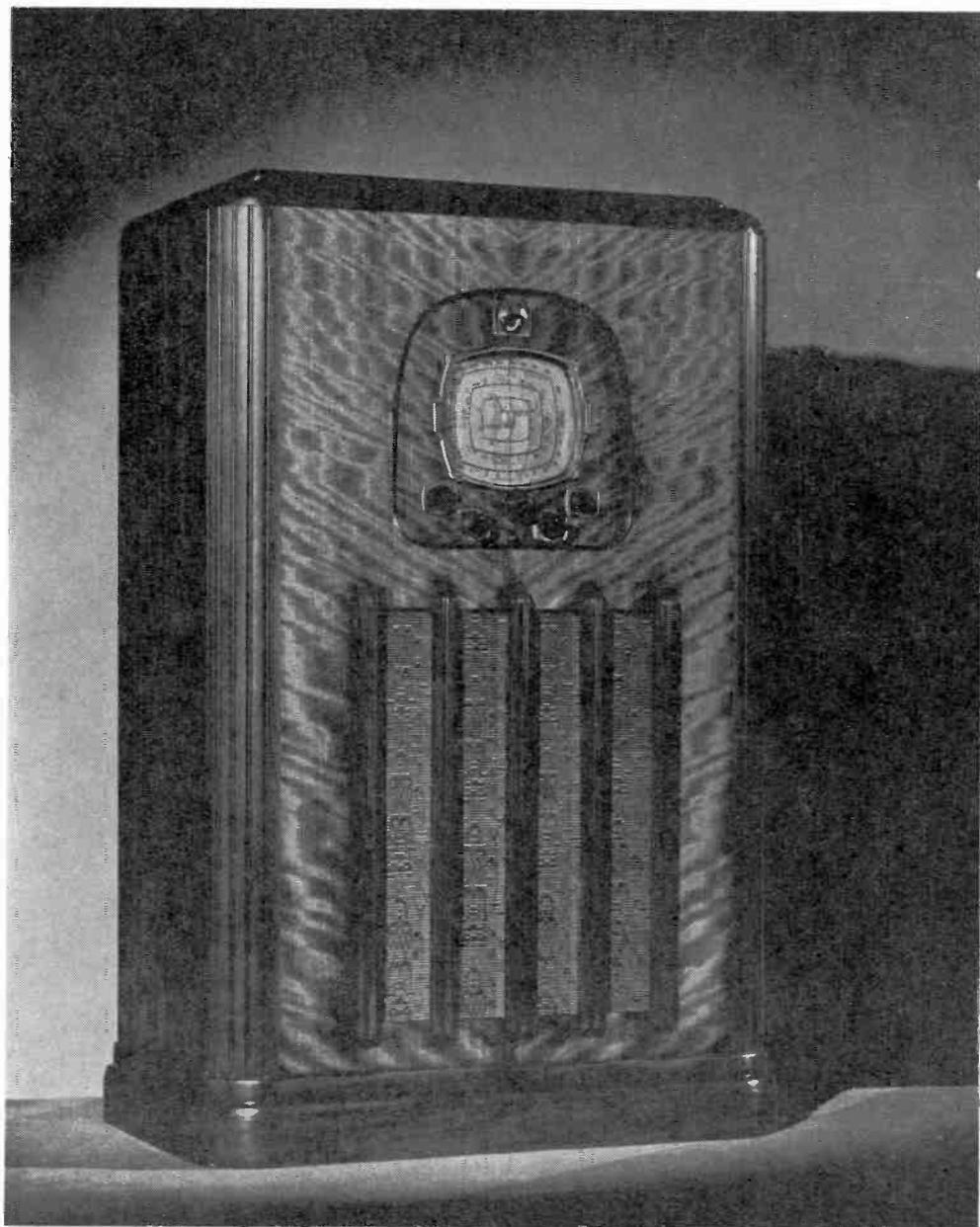
BROADCAST SCHEDULE—EASTERN STANDARD TIME

Mess. Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
11.435 26.23	Habana	COCX						8																				S
11.700 25.64	Panama City, R. P.	HP-5A						8																				S
11.700 25.64	Santiago, Chile	CB-1170						8																				S
11.705 25.64	Motala, Sweden	S B P 3						9																				S
11.713 25.61	Paris	TPA-4						9																				S
11.718 25.60	L. Marques, P. E. A.	CR7BH						9																				S
11.720 25.60	Winnipeg	CJRX						9																				S
11.750 25.53	London	G S D						9																				S
11.760 25.51	Guatemala City	TGWA						9																				S
11.770 25.49	Berlin	D J D						9																				S
11.780 25.47	Vienna	OER-2						9																				S
11.790 25.45	Boston	W1XAL						9																				S
11.800 25.42	Matanzas, Cuba	CO-GF						9																				S
11.800 25.42	Tokio, Japan	J Z J						9																				S
11.810 25.40	Rome	I2RO4						9																				S
11.820 25.38	Hermosillo, Sonora	XE-BR						9																				S
11.830 25.36	New York	W2-XE						9																				S
11.840 25.34	Prague, Czechoslovakia	OLR4A						9																				S
11.870 25.27	Pittsburgh	W8-XK						9																				S
11.885 25.24	Paris	TPA-3						9																				S
11.895 25.22	Aguadulce, Panama	HP-51						9																				S
11.900 25.21	Mexico City	XE-W1						9																				S
11.900 25.21	Valdivia, Chili	CB-1190						9																				S
11.960 25.08	Trujillo City, D. R.	HL-2X						9																				S
12.005 25.00	Moscow	R N E						9																				S
12.235 24.52	Reykjavik	T F J						9																				S
12.635 22.00	Warsaw	S P W						9																				S
14.535 20.64	Geneva, Switzerland	H B J						9																				S

50-11.82

BROADCAST SCHEDULE—EASTERN STANDARD TIME

Mags. Mts.	Location	Call	Call												Days
			3	4	5	6	7	8	9	10	11	12	1	2	
		P S E													
		L Z A													
14.935 20.08	Rio de Janeiro, Brazil	P S E			5-6 $\frac{1}{2}$						12	2 $\frac{1}{2}$	3 $\frac{1}{2}$	4 $\frac{1}{2}$	
14.970 20.04	Sofia, Bulgaria	L Z A			5-6 $\frac{1}{2}$						12			5	
					5-6 $\frac{1}{2}$						12			5	
					5-6 $\frac{1}{2}$						10 $\frac{1}{2}$			5	
					6						8	9	11 $\frac{1}{2}$	4 $\frac{1}{2}$	
15.110 19.85	Berlin	D J L			6						10 $\frac{1}{2}$			12	
15.121 19.84	Vatican City	H V J			5 $\frac{1}{2}$						9 $\frac{1}{2}$	10 $\frac{1}{2}$		12	
15.140 19.82	London	G S C			5 $\frac{1}{2}$						10			10 $\frac{1}{2}$	
15.150 19.80	Bandoeng, Java	Y D C			5 $\frac{1}{2}$						12			10 $\frac{1}{2}$	
15.160 19.79	Stockholm, Sweden	SMJ SX			8						8	9	3-4 $\frac{1}{2}$	5 $\frac{1}{2}$	
15.165 19.79	Tokio, Japan	J Z K			8						9			6	
15.160 19.79	Mexico City	XE-WW			8						9			6	
15.180 19.76	London	G S O			8						9			6	
15.200 19.74	Berlin	D J B			8						9			6	
15.210 19.72	Pittsburgh	W8-XK			4 $\frac{1}{2}$						9			7	
15.220 19.71	Hilversum, Holland	P C J			6						11			11	
15.243 19.68	Paris	TPA-2			6						10 $\frac{1}{2}$			12	
15.250 19.67	Boston	W1XAL			6						10 $\frac{1}{2}$			12	
15.260 19.66	London	G S I			6						12 $\frac{1}{2}$			3 $\frac{1}{2}$	
15.270 19.65	New York	W2-XE			6						12 $\frac{1}{2}$			3 $\frac{1}{2}$	
15.280 19.63	Ciudad Trujillo, D. R.	HI-3X			7 $\frac{1}{2}$						10 $\frac{1}{2}$			12	
15.280 19.63	Berlin	D J Q			5-6						7 $\frac{1}{2}$	8 $\frac{1}{2}$	10 $\frac{1}{2}$	12	
15.290 19.62	Buenos Aires, Arg.	L R U			7						7			9	
15.310 19.60	London	G S P			7						9			11	
15.330 19.56	Schenectady	W2XAD			7						9			11	
15.340 19.55	Berlin	D J R			8						9			10 $\frac{1}{2}$	
15.370 19.52	Budapest	HAS-3			8						9	10		10 $\frac{1}{2}$	
15.440 19.43	Mazatlan	XE-BM			8						9			10	
17.760 16.89	Berlin	D J E			7 $\frac{1}{2}$						11			12	
17.770 16.88	Huizen, Holland	P H I			7 $\frac{1}{2}$						11			12	
17.780 16.87	Bound Brook	W3XAL			7 $\frac{1}{2}$						11			12	
17.790 16.86	London	G S G			5 $\frac{1}{2}$						9			9	
19.020 15.77	Bangkok, Siam	HS8P			5 $\frac{1}{2}$						8	9	10	11 $\frac{1}{2}$	
21.470 13.97	London	G S H			5 $\frac{1}{2}$						8	9	10	11 $\frac{1}{2}$	
21.520 13.94	New York	W2-XE			5 $\frac{1}{2}$						8	9	10	11 $\frac{1}{2}$	
21.530 13.93	London	G S J			5 $\frac{1}{2}$						7 $\frac{1}{2}$	8	9	10 $\frac{1}{2}$	
21.540 13.93	Pittsburgh	W8-XK			5 $\frac{1}{2}$						7 $\frac{1}{2}$	8	9	10 $\frac{1}{2}$	





## ANNOUNCING *the* SCOTT SIXTEEN

Hundreds of people have been prevented from owning a custom built Scott because of the cost and because these fine instruments have been larger than could be conveniently installed in the smaller type of home. The announcement of the 30 tube Scott Philharmonic was followed by the most successful month in the history of the Scott Laboratories, but along with the great number of orders we received hundreds of letters urging us to design a receiver smaller in size, and lower in price, *but with the famous Scott performance, quality and tone.*

The development of the new Scott Sixteen is the direct result and we believe it is one of the most beautiful pieces of radio design that has ever come out of our Research Laboratories. A few highlights of this remarkable instrument are below:

★ Sensitivity better than 0.6 micro-volt ★ 50% Higher Fidelity than average radio receiver ★ Wavelength Range covering every station broadcasting radio entertainment on short waves and the broadcast band ★ Separate Bass and Treble Controls, both Continuously Variable ★ Tone Balanced Volume Control which keeps constant the relationship between bass, middle, and treble registers at low volume—an important point for those living in small homes and for those who do not care to listen at the higher volume settings ★ Undistorted Power Output approximately 300% greater than the average radio ★ Selectivity which meets every present day requirement on both standard broadcast band and short waves ★ Two Separate Automatic Gain Control Systems replacing the conventional automatic volume control used in ordinary receivers ★ Two Separate Chassis of 16 gauge steel, beautifully Chromium Plated ★ Guaranteed 5 years against defects—20 times longer than the standard 90-day guarantee adopted by RMA ★ 16 Latest Type Tubes, all glass. Metal tubes are never used in these fine custom instruments ★ Supershield Antenna Coupling System which effectively reduces a large percentage of man-made static ★ Quieter and More Noise-Free Reception for both short wave and broadcast band Dx'ers ★ Non-Directional Laboratory - Type Sound Projection System with exponential high frequency cone for correct sound diffusion ★ Improved Reproduction of Voice. Speech is clear, crisp, and distinct at all volume levels ★ Advanced European Type Dial with auxiliary tuning scale for DX logging of foreign stations ★ Precision Calibration. Drifting or creeping of sig-

nals guaranteed to be less than two-tenths of 1% ★ Inverse Feedback System which smooths out dips and peaks in loudspeaker response (ordinarily the cause of raspy reproduction on ordinary receivers) and at the same time provides improved bass reproduction ★ Strictly Custom Construction. A SCOTT in every sense of the word. Built with the same precision and of the same high quality parts that have gone into every Scott for the past 14 years ★ Sensitivity Control ★ 30 Day Home Trial ★ Liberal Time Payments. As little as \$59.50 down puts the Scott Sixteen in your home ★ Economical Operating Costs. Uses less than one-fourth the electricity that is consumed by your electric iron ★ Priced Lower Than Many Ordinary Radios. Costs less than many 8 and 10 tube receivers because it is sold direct from Laboratories. There are no dealers—you save the distributor's and dealer's profits ★ 80 Other Amazing Features. These are only a few of the many developments incorporated in this remarkable instrument. Mail the coupon today for the COMPLETE data.

### Send Coupon for Details

E. H. Scott Radio Laboratories, Inc.  
4491 Ravenswood, Dept. 44T7  
Chicago, Illinois.

Please rush FREE details, prices, and special offer. (No obligation.)

Name.....

Address.....

City.....State.....

**RECEIVER LIST**

Be it a deep dark secret or just plain inertia, nine out of every ten members have yet to send us a postal telling of the make and model of their receiver, or of the favorite of those used. This list, multiplied by ten, may meanwhile give us a picture of the favorite receivers of the QRC Membership.

The third time being a charm, once again we beseech members to bestir themselves to the extent of sending us one little post-card. Please do not assume that others will do so and yours will not be needed.

**Breting 14**

- 3 60 W. J. Ray  
40 468 Stuart Osgood

**Browning 8**

- 62 699 Jack Staley

**Crosley 10**

- 943 Albert Howarth

**Doerle 6**

- 34 406 Harold Levison

**General Electric M-81**

- 75 205 Roy Waite

**General Electric M-106**

- 75 863 Douglas Worcester

**Hallicrafter Sky Buddy 5**

- 56 585 Hugh N. Siegel  
61 683 Frank J. Schrammeyer  
74 844 Baker Young

**Hallicrafter Sky Chief 6**

- 22 825 E. H. Scofield  
74 837 Ray Gallagher

**Hallicrafter Super 7**

- 53 572 Fred Atherton

**Hallicrafter Sky Rider SX11**

- 67 761 J. C. Kneeland

**Hallicrafter SX 16**

- 9 140 Ray La Rocque

**Knight 6**

- 37 430 McKee H. Gifford

**Lyric 6**

- 84 944 Fred R. Smith

**Majestic 10**

- 71 948 Fred W. Alfred



*Behind the veries we introduce the veriest gentleman, Roy Waite QRC 205 of Ballston Spa, New York.*

**Midwest 11**

- 66 744 Lawrence Lundberg

**Midwest 16**

- 6 100 Richard L. Bullard  
74 187 Dr. Alan E. Smith ✓

**Midwest 18**

- 27 329 Donald Adams  
50 564 Ollie A. Landgraf  
82 956 J. E. Gardner

**National AGS**

- 95 1006 J. S. Pugh, M. D.

**National SW-3**

- 22 286 Roger Legge, Jr.  
25 373 Robert Partridge  
29 384 Lewis F. Miller

**National SW-58**

- 4 165 Thomas G. Grey

**National NC-100**

~~18~~ 217 Charles Miller  
~~22~~ 277 Carl Weber  
~~35~~ 407 Donald S. Wright  
~~36~~ 412 E. D. Schenk  
~~81~~ 904 Dr. F. E. Bedinger

**National HRO**

8 Henry V. Miner  
~~10~~ 139 Donald McKesson  
~~19~~ 215 Thos. F. Waters  
~~24~~ 252 W. L. Chambers

**Patterson 8**

~~31~~ 359 Anthony C. Tarr

**Patterson PR10**

~~68~~ 923 Chas. H. Hodge

**Patterson PR15**

~~7~~ 104 F. B. Hetherington

**Patterson PR16**

~~44~~ 297 Floyd M. Murphy

**Philco 116**

~~5~~ 6 A. F. G. Bruder  
~~5~~ 97 J. R. Mappin  
~~309~~ 385 Martin P. Miller  
~~809~~ 593 Sam Swope

**Philco 610-5**

~~49~~ 562 Sgt. A. W. Brummund

**Philco 620**

~~58~~ 583 James G. Shoch

**Philco 670-11**

~~46~~ 534 Bob Thomas  
~~64~~ 701 Kendall Walker

**RCA-Victor C-13-2**

~~71~~ 818 A. M. Ferrin

**RCA-Victor C-15-3**

~~20~~ 233 G. H. Millican

**RCA-Victor 121**

~~91~~ 1002 Gustave A. Magnuson

**RCA-Victor ARC 136**

~~60~~ 675 Albert Steinmetz

**RCA-Victor 816-K**

~~8~~ 111 John L. Balderston

**RME 9-D**

~~36~~ 326 Robert R. Irwin

**RME-69**

~~35~~ 311 Eric A. Bristow  
~~31~~ 398 Martin J. Olthoff

**Scott 15**

~~44~~ 496 Rudolph Bossert  
~~38~~ 641 Dr. J. R. Stroud

**Scott 16**

~~15~~ 916 H. Hutcheson

**Scott Imperial 23**

~~16~~ 207 John De Myer  
~~39~~ 440 E. L. Frankenstein  
~~39~~ 458 H. E. Vandervoort  
~~41~~ 471 W. Q. Brautigam  
~~41~~ 511 Carl & Anne Eder  
~~47~~ 538 C. E. Scranton  
~~51~~ 570 John W. Schirmer

**Scott Philharmonic 30**

~~4~~ 84 R. B. Hammes  
~~12~~ 167 Paul W. Dilg  
~~13~~ 174 Thos. Van Auken  
~~47~~ 478 Philip Cass  
~~43~~ 484 Albert H. King  
~~43~~ 576 Edwin E. Mullen  
~~64~~ 806 W. J. Moore  
~~81~~ 811 L. V. Kraus  
~~86~~ 865 G. E. Kipp  
~~87~~ 870 A. L. Clancy  
~~88~~ 879 I. J. Ackerman  
~~89~~ 882 Fred S. Bair  
~~80~~ 890 Geo. Jay Gibson  
~~85~~ 907 Robt. L. Hawkins  
~~86~~ 919 Dr. A. M. Cancio  
~~90~~ 1009 A. A. Schoonmaker II

**Silver M-IV**

~~32~~ 386 W. H. Jessen  
~~33~~ 392 R. B. Oxrieder

**Silvertone 7**

~~68~~ 732 L. E. Mead

**Silvertone 8**

~~59~~ 659 G. R. Hobbs

**Silvertone 8 Pro. 5656A**

~~73~~ 830 Alex Farkas

**Sonora 10**

~~70~~ 945 W. G. Jeffries

**Stromberg-Carlson Conv. 4**

~~4~~ 218 Merton T. Meade

**Tiffany Tone 8**

~~68~~ 787 Hadley Wilcox

**Truetone 10**

~~87~~ 921 R. D. Powell

**Westinghouse Highboy 5**

~~53~~ 571 Robert B. Park

**Zenith 6**

~~80~~ 989 E. H. Clark

**Zenith 10**

~~58A~~ 638 Charles Leboeuf  
~~44~~ 912 Melvin W. Oliver



## WHAT IS A *Communications Receiver?*

**I**T'S more than just a "short wave" receiver! A communications receiver is primarily designed for efficient "high frequency" reception—a rugged, "scientific," precision-built job designed to operate at high efficiency under adverse conditions and in emergencies.

Who can design such receivers? Obviously the engineers who use them as their own hobby—and know what they should be.

Such men predominate in the Hallicrafters' organization. Here is a group of engineers who have been actively interested in radio since the days of spark transmitters and crystal detectors.

Today they are building fine communications receivers, putting into them all the enthusiasm and craftsmanship they lavish upon their personal equipment.

When you purchase a Hallicrafters receiver you are not only buying a fine precision-built instrument, but the product of a group of engineers whose pride and life work are represented in that receiver.

**Ask Your Dealer About The Hallicrafters' Time Payment Plan!**

Send for Illustrated  
Booklet completely  
describing the New  
1938 Super Sky  
Rider

the hallicrafters inc.  
2611 INDIANA AVE., CHICAGO, ILL.  
Cable Address, — "Hallicraft" Chicago

**"America's Leading Manufacturer of Communications Receivers"**

## STATION DATA

In this issue the Station Data section will be found replete with detail, but listeners are reminded that only a third of this section is published each month.

## DENMARK

OZF "Danmarks Radio, Koebenhavn, Kalundborg," Skamlebaek (50 miles WNW of Copenhagen) 6 kw 9,520 kc/s (s) "Der er et yndigt Land" (There's a Winsome Land) National Anthem. Government Station. Post-og Telegrafvaesenet, Radioingenioertjenesten, Bernstorffsgade 32, 1, Copenhagen, V., Denmark.

## DOMINICAN REPUBLIC

HI-1A "La Voz del Yaque," Santiago de los Caballeros 75 w 6.182 (s) "All Hands." Rafael Western. Owner-BUILDER. Apartado 423.

HI-1J "Nuestra Patria es America" (Our Country Is America) San Pedro de Macoris 40 w 5.865 (s) "Indian Love Call." Miguel Zaglul, Art Director. Fausto M. Donastorg, Builder-Owner. Anacaona Moscoso No. 3. Apartado 204.

HI-1L Emisora Nacional "El Diario," Santiago de los Caballeros 250 w 6.479 (s) "Himno Nacional Dominicano." (i) Xylophone note. Lic. Luis Jorge V., Announcer. Julio A. Hernandez, Director. Maria J. Tavares, Owner. Studios, Calle Presidente Trujillo, No. 97, altos. Apartado 356.

HI-1S "La Voz de la Hispaniola," Santiago de los Caballeros 250 w 6.420. Generoso Sarnelli, Owner. Apartado 112.

HI-2D "La Voz de la Accion Catolica Dominicana," Ciudad Trujillo 100 w 6.900 (s) "Ave Maria," violin.

HI-3C "La Voz de la Feria" (The Fair) La Romana 30 w 6,730 kc s. Moises Garip & Roberto Palli, Owners.

HI-3U "La voz del Comercio," Santiago de los Caballeros 100 w 6.015 (s) "Maria la O," (Maria My Own) composition of Ernesto Lecuona by Jesse Crawford, organ, followed by National Anthem. Expedy Pou, Commercial Announcer. Delio Franco y Franco, Sub-Director. Moises Franco y Franco, Director. Fernando Bertran Gimeno, Manager. Studios: Calle Beller. Apartado 23. (Veries via QRC.)

HI-4D "La Voz de Quisqueya" (Native name of the Island) Trujillo City 20 w 6.555. Dr. Luis D. Santamaria, Owner.

HI-4V "La Voz de los Almacenes Hermanos Chabebe," (Chabebe Bros. Dept. Store) San Francisco de Macoris, Duarte Prov. 100 w 6.450 (s) "Himno Nacional de la Republica Dominicana." Jose Chabebe, Aben Hamet Fernandez & Caonaba Fernandez, Announcers. Luis Raul Betances Ricart, Owner & Director. Studios: Mella No. 25.

HI-5N "La Voz de Moca," Moca 100 w 6.150 & 1.440 (s) "Himno Nacional." (i) Gong, 5 strokes. Cesar Rojas & J. Belisario Curiel, Announcers. J. Belisario Curiel, Owner & Operator. Studio: Calle Salcedo No. 72. (Veries via QRC.)

HI-7P Emisora "Diario del Comercio (Newspaper) Ciudad Trujillo 25 w 6.800 & 1.300. Jose M. Roque Roman, Director. Studios: Calle Jose Reyes No. 35.

HI-8A "La Fa-Doc en el Aire" (The Dominican Shoe Factory) Ciudad Trujillo 35 w 6.479 (s) "General Alvaro Obregon," a Mexican march by U. S. Marine Band. Jaime A. Rodriguez G., Owner. Apartado 1312.

HI-8Q "Portavoz del Radio Philco," Ciudad Trujillo 1 kw 6.206 & 1.475 (s) "Himno Nacional Dominicano." Julio O. Garcia Alardo, Owner & Operator. Studios: Wenceslao Alvarez No. 3, Reparto Independencia.

HI-9B "Broadcasting Hotel Mercedes," Santiago de los Caballeros 200 w 5.885 (s) "Dominican National Anthem." Eugenio Perdomo, Announcer. J. L. Sanchez, Jr., Director. Studios: Calle 30 de Marzo esquina a Libertad. Apartado 95. (Veries via QRC.)

HIG Ciudad Trujillo 100 w 6.280 (i) Lamb bleat (Director's name in translation being Lamb.) A. Cordero P. Director. Studios: Av. Jose Trujillo V., No. 20.

HIH "La Voz del Higuamo," (River) San Pedro de Macoris 75 w 6.775. Domingo Dominguez, Owner & Operator.

HIL Ciudad Trujillo 50 w 6.500. L. J. Pelicot, Art Director. J. C. Pellicer, Director. F. C. Teixido, Owner. Studios: Av. Independencia 103. Apartado 623.

HIN Trujillo City 750 w 6.243 & 1,090. Occasionally relays HI-9B. Calle Arzobispo Merino, No. 97.

HIT "La Voz de la RCA-Victor," Ciudad Trujillo 200 w 6.630 & 50 w 1.050 (s) "Himno Nacional de la Republica Dominicana." (i) Bells. F. A. Sanabia, Manager. A. L. Pichardo, Owner. Studios: Nicolas de Ovando No. 14. Apartado 1105. (Veries via QRC.)

HIX Trujillo City HI-1X 900 w 6.340; HI-2X 300 w 11.960; HI-3X 300 w 15.280 (s) "Dominican National Anthem" by Jose Reyes. Government Station. J. R. Saladin, Director of Radio-Communications, Sria. de E. de Comunicaciones y Obras Publicas.

HIZ "La Voz de los Muchachos (Dept. Store)," Trujillo City 125 w 6.316 (s) "National Anthem by Jose Reyes." Carlos Vallejo, Announcer & Director. Rafael Pellerano, Announcer and Manager. Frank Hatton, Owner. Studios: Avenida Mella No. 44.

### ECUADOR

Estacion de "El Prado," Riobamba 6.618. Srta. Judy Leon, Announcer. Carlos Cordovez, Manager. "El Prado" Textile Mills, Owners. Apartado 98. (For veries send 5 cents in U. S. stamps instead of IRC for these may be cashed at Quito only.)

HC1CE Emisora "El Condor," Quito 7.411 Th 9-10 p. m. EST. R. Enriquez, Operator. Studios: Av. Colombia 170. Casilla 485.

HC1PM Estacion "El Palomar" (The Dove-Cote) Quito 5.725 (s) "March from Aida." J. Leonardo Ponce, Operator. Casilla 664.

HC2CW "Ondas del Pacifico" (Waves of the Pacific) Guayaquil 8.404 (s) "Sangre Ecuatoriana" (Ecuadoran Bred). A. Wilmot, Director. Alvarado & Wilmot, Owners. Casilla 1166.

HC2ET Radio Difusora de "El Telegrafo," (Newspaper) Guayaquil 4.600 (i) 12 chimes. Casilla 824.

HC2JSB "Ecuador Radio," Guayaquil 7.854 (i) Single stroke of deep-toned gong. Juan S. Behr, Owner. Apartado 805.

HC2ODA "La Voz del Alma," Guayaquil 9.447.

HC2RL "Quinta Piedad," Guayaquil 200 w 6.668 (s) Ecuadoran National Anthem. (i) "Hello, America." Dr. Roberto Levi, Manager. Mrs. Maria Piedad Castillo de Levi, Owner. Studios: Calle Tomas Martinez No. 309. Casilla 759. (Veries via QRC.)

HCETC "Radio del Teatro Bolivar," Quito 6.895. Manuel Mantilla, Director. Empresa de Teatros y Cinemas. Owner. Apartado 134.

HCJB "La Voz de los Andes," Quito 1 kw 8.846 in parallel with HCJB "Broadcasting Provincial," 200 w 4.107. Clarence W. Jones, Director. Casilla 691.

HCVT "La Voz del Tungurahua," Ambato 6.580 (i) small bell. Casilla 109.

#### FIJI ISLANDS

VPD-2 "Radio Suva," Suva 400 w unmodulated 9.536. Amalgamated Wireless (A/sia) Ltd., Owners. Victoria Parade, Suva. For veries: "Wireless House," 47 York St., Box 2516-BB G.P.O., Sydney, Australia.

#### FRANCE

TPA "Radio Coloniale," Paris (Pontoise) 12 kw (s) "La Marseillaise," French National Anthem. Government Station. Broadcasting Department: 103, Rue de Grenelle, Paris VIIe. Address: Station Radio-Coloniale de l'Etat Francaise, Service de la Radiodiffusion, 98 bis. Boulevard Haussmann, 98 bis., Paris (8e).

#### FRENCH INDO-CHINA

"Radio Philco," Saigon 6.010 & 11.710 (s) "La Marseillaise." Etablissement Boy-Landry, Owners. Studios: 211-213D Rue Catinat. Boite Postal 295.

#### GERMANY

DJ- Berlin (Zeesen). Interval: 9 notes from folk song "Ub immer Treu and Redlichkeit (Ever be True and Honest), melody of the chimes of Garrison Church in Potsdam in memory of the opening there in March, 1933, of the first Reichstag under the National Socialist (Nazi) rule. (s) "Horst-Wessel Lied," Nazi marching song, followed by "Deutschlandlied." Reichs-Rundfunk-Gesellschaft mit beschränkter Haftung, Deutscher Kurzwellensender, Berlin-Charlottenburg 9, Masurenallee 8-14, or Reichspostzentramt, Schönebergerstrasse 11-15, Berlin-Tempelhof. For veries: Funkleitburo des Reichspostministeriums, Berlin W 66, Leipziger Strasse 15.

#### GREAT BRITAIN

GS- London (Daventry). Interval: Chimes of Bells of Bow Church (Cheapside). Greenwich time signal pips. Big Ben strikes the hour, preceded by the Westminster Chimes to which has been set the verse, "All thru this hour, Lord, be my Guide, and by Thy Power, no foot shall slide." (s) "God Save the King." Concessionaire: The British Broadcasting Corporation, Broadcasting House, London, W.1.

#### GUATEMALA

TGS "Radiotransmisora de la Casa Presidencial" (Executive Mansion) Guatemala City 200 w 5.713 (s) "Military March" and 5 strokes of a gong. Julio Caballeros h., Technical Director.

TG-2 "Radio Morse," Guatemala City 300 w 6.310 relays TG-1 300 w 1,510 (s) "La Flor del Cafe" (The Coffee Flower). Col. don Julio Meza Caballeros, Spanish Announcer. C. H. W. Nason. English Announcer & Chief Engineer. Government Station. Address: El Director General de Comunicaciones Electricas.

TG-WA "Radiodifusora Nacional," Guatemala City 100 w 9.450. New 5 kw transmitter on different frequency September 30. Government Station under direction of Secretaria de Fomento. Carlos Castillo Caceres, Director & Announcer.

TG-2X "La Voz de la Policia Nacional," Guatemala City 500 w input 5.940 (s) "Bella Guatemala," mazurka by the Guatemalan composer German Alcantara. Announcers: Jose Lopez Martinez (afternoons), Guillermo Andreu (evenings). Director of Police Band: Manuel F. Valle. Director of Marimba Maderas de mi Tierra: Mariano Valverde Ortega. Director of Sunday concert Orchestra: Rafael Vazquez A. Chief Station Operator: Jose Lopez Martinez, L. A. Radio Institute. Owners: Direccion General de la Policia Nacional, Guatemala, C. A.

#### HAITI

HH-2S Port-au-Prince 100 w 5.920 (s) "Swan Song." Armand Mallebranche, Mgr. Haitian Automobile Company, Owner. Boite Postal A-103.

HH-3W Port-au-Prince 30 w 9.595. C. Ricardo Widmaier, Owner. Boite Postal A-117.

#### HONDURAS

HRD "La Voz de Atlantida," La Ceiba, Atlantida Department, 250 w (o) "Solo Tuyo" (Thine Alone), marimba fox-trot. (s) "Intermezzo No. 1 de Luis Calvo." Juan Ferez h., & Emilio Crespo, Announcers. Dr. Tulio Castaneda G., Director. Emilio Crespo, Manager. Dr. Tulio Castaneda & Emilio Crespo, Owners. Studios: Avenida 14 de Julio.

HRN "La Voz de Honduras," Tegucigalpa 500 w 5.875 & 50 w 1.250 (s) "Goodnight Melody" by Ted Lewis & Orch. (i) Notes of National Anthem. Manuel Bonilla R., Rodolfo Rios & Francisco Medina, Announcers. F. Diaz Zelaya, Musical Director. Coronado Henriquez, Operator. Paul John, Co-Owner & Chief Engineer. Rafael Ferrari, Co-Owner, Manager & Chief Announcer in Charge of Programs. (Veries 10c)

HRP-1 "El Eco de Honduras," San Pedro Sula 6.351. Manuel Escoto, Director and Manager. San Pedro Sula, Honduras, C. A.

#### HUNGARY

HAS-3 "Radio Budapest," Budapest (Szekesfehervar) 5 kw 15,370 & HAT-4 5 kw 9.125. B. Marschalko, Manager. State Owned under direction of Postal Administration. Address: Radiolabor, Budapest IX, Gyali-ut 22.

#### ICELAND

TFJ "Utvarp Reykjavik!" Reykjavik 7 kw 12.235 (s) "O, Gud Vors Lands," National Anthem. Jonas Thorbergsson, Director. Government Station under direction of Rikisutvarpid (Iceland State Broadcasting Service). P. O. Box 547.

#### INDIA

VUB "All India Radio," Bombay 4.5 kw 9.565 (s) "God Save the King." (i) Nil. C. B. Sethna, O.B.E.J.P., Director. Government Station. Irwin House, Sprott Road, Ballard Estate. (Regular broadcasts beginning December next.)

#### ITALY

2RO Roma (Prato Smeraldo) 25 kw 9.635 & 11.810 (o) "Bells of Rome." (i) Twittering of mechanical Chaffinches. (s) Royal March & Fascist Anthem "Giovinezza." R. O. Andreani, Announcer, American Hour. Ente Italiano per le Audizioni Radiofoniche (E.I.A.R.), Owners & Operators, 5 Via Montello, Rome.

---

It is reported that HBL Geneva announce they will broadcast on 32.10 meters every Friday at 7:30 p. m. EST, effective until the end of the year.

**JAPAN**

J—Tokio (Nazaki) 50 kw (s) "Kimigayo," National Anthem. (i) Ten Chimes. Final word of closing announcement: "Sayonara!" Shinroku Tanomogi, Chief of Overseas Section. Naomichi Kataoka, Managing Director. Shichiro Komori, President. Broadcasts sponsored by Kokusai-ka (Overseas Section) Nippon Hoso Kyokai (The Broadcasting Corporation of Japan.) General Offices: Hibiya-park, Kojimachi-ku, Tokio. Studios: Atago-yama, Shiba-ku, Tokio. (For veries, address the studios.)

**KENYA COLONY**

VQ7LO Nairobi 500 w 6.083 & 750 w 810 (i) Six pip time signal at 7 and 9 p. m. Nairobi Time, 2½ hours ahead of GMT. (Lion's roar discontinued.) Male announcer. H. L. N. Ascough, Manager. Cable & Wireless, Ltd., London, Owners. P. O. Box 777.

**MACAU**

CQN Macau, South China 300 w (frequency variable) (o) "Maria da Fonte." (s) "A Portuguesa," National Anthem. Government Broadcasting Station, Post Office Building.

**MADAGASCAR**

"Radio-Tananarive," Tananarive 400 w 6,000 (o) "Le Chant du depart." (s) "La Marseillaise," French National Anthem. "Radio-Tananarive" has no call letters. Government Station operated by Administration des Postes, des Telegraphes et des Telephones.

**MARTINIQUE**

"Radio Martinique," Fort-de-France 9.730 (s) "La Marseillaise." Boite Postal 136.

"Radio Fort-de-France," Fort-de-France 9.450 (s) "La Marseillaise." Edouard Boullanger Fils, Owners.

**MEXICO**

XEBM "El Pregonero del Pacifico," Mazatlan 50 w 15.440 relays XEBL 1,220 (s) "Quimbamba." Heriberto H. Mejia, Announcer. Manuel Gallardo, Jr., Director. Jose F. Azcona, Manager. Difusora del Pacifico, S. A., Owners. Studios: Av. Angel Flores 153. Apartado 78.

XEBQ "La Voz del Pacifico," Mazatlan, Sinaloa 100 w 6.030 (s) "Luxemburg" March. (i) 4 chimes, sol, mi, do, sol. Correct time signal (sol, mi) every second hour. Alejandro A. Schober, Manager; Adolfo V. Rivera, Art Director; Domingo Vega and Luis Felipe Ferreira, Announcers; Eduardo Schober F., Technician. Plant: Av. Sacrificio 60. Studios: Av. Sacrificio 60 and Muralla Athletic Club. Apartado 95.

XEBR "El Heraldo de Sonora desde Hermosillo," Hermosillo 150 w 11.820 relays XEBH 930 kc (s) "Sobre las Olas" (Over the Waves) waltz. (i) 4 chimes in descending scale. Jorge J. Le Brun and Guillermo Nunez, Announcers. Luis Hoeffler, Director. Jose Remigio Agraz, Manager. Carlos G. Balderrama, Owner. Studios & Offices: Hidalgo 23. Apartado 68.

XEBT Mexico City 1 kw 6,000 (o) "Las Mananitas." (s) "Liebestraum" or "Dream of Love" by Liszt, piano solo (i) Cuckoo call twice. Henry Guerrero, Announcer. El Buen Tono, S. A., (Cigarette Company) Owner. Apartado 7944.

XECR Mexico City 20 kw 7.380. Government Station under direction of the Foreign Office. Oficina del Departamento de Publicidad, Sria. de Relaciones Exteriores, Mexico, D. F.

XECU Guadalajara, Jalisco 6.075 (s) "Ojos Tapatios." (i) Two-tone train whistle. Arturo Contreras V., Mgr. Union Nacional de Industria y Comercio, Owner. Address: Hidalgo 579.

XEDQ "Hablando a los Continentes desde Guadalajara" (Speaking to the Continents from Guadalajara) Guadalajara, Jalisco 500 w 9,520 relays XED (s) "Jarabe Tapatio." (i) 4 chimes in ascending scale. Jose Suarez and Jose Betiz, Announcers. Indalecio Nunez, Director. Mario E. Bozzano, Manager. Radio Fonografica de Guadalajara, S. A., Owners. Studios: Edificio Mosler, Avenida 16 de Septiembre 170. Apartado 197.

XEFT "La Voz de Veracruz," Veracruz 20 w 9,550 relays XETF 1,220 and occasionally XEB-XEBT (s) "Vals Poetico" by Felipe Villanueva. Jose Rodriguez Lopez, Manager. Studios: Av. Independencia No. 28.

XEPW "La Voz del Aguila Azteca (Aztec Eagle) Mexico City 6.110 relays XEJW 870 (s) "Valladolid Azteca." (i) 5 chimes in ascending scale and five at random, or four strokes of a gong. Enrique Arzamendi, Managing Director. Jose G. Garza Fox & Son, Owners. Studios: Carpio No. 137 altos, Colonia de Santa Maria. Apartado 8403, Mexico, D. F.

XETM Villahermosa, Tabasco 11.730 (s) Waltz with tenor refrain in Spanish. Studios at Hotel Palacio. Apartado 74.

XEUW "El Eco de Sotavento desde Veracruz (The Echo from Leeward) Veracruz 6.020 (s) "La Golondrina" (The Swallow). Fernando Pazos Sosa, Mgr. Studios: Av. Gomez Farias 33. Offices: Av. Independencia 98.

XEUZ "Radio Nacional," Mexico City 1 kw 6.120 relays XEFO 5 kw 940 (s) "Marcha Dragona." Aldrete, Garza, Santibanez, Roca and (English) Garcia, Announcers. "Hour of the Republic," 11 p. m. EST directed by Ricardo Vazquez Acosta. Leobardo Gonzalez, Art Director. Ing. F. Javier Stavoli, Technical Director. Dip. Demetrio Bolanos Espinosa, Manager. National Revolutionary Party, Owner. Av. 5 de Mayo No. 21. Apartado 2641.

XEWB "Radio-Emisora Cultural," Guadalajara, Jalisco 11.710. Raul Salaman, Sub-Dir. Artistico. Primitivo Padilla Haro, Manager. Camara de Proprietarios de Guadalajara, Owners. Studios: Hospicio 50. Offices: Juarez 289.

XEWI "My Voice to the World from Mexico," Mexico City 250 w 11,900 (s) "Ah! Sweet Mystery of Life!" by Victor Herbert. (i) 2 strokes of gong every half hour. Francisco Alvarado, Director & Announcer. Luciano Gonzalez Burns, Manager. World Institute of Impersonal Life, Owner. Studios: 3a de Mina, 56. Apartado 2874.

XEWW "La Voz de la America Latina desde Mexico," Mexico City 7.5-9 kw 9,500 & 15,160 relays XEW (s) "Military March" by guitars. (i) 4 chimes in descending scale. Emilio Azcarraga, Director. Othon M. Velez, Manager. Cadena Radiodifusora Mexicana, S. A., Owners. Calle Ayuntamiento 54. Apartado 2516.

XEXA Mexico City 300 w 6.130 relays XEDP 1,080 (s) "Mexican Pentaphonic Motif." (i) 4 Telechime Notes. Alfonso Garcia, Juan Roca and Juan Jenkins, Announcers. Guillermo Morales B., Manager. Government Station under direction of the Oficina de Propaganda, Departamento Autonomo de Publicidad y Propaganda, Av. Argentina y Luis Gonzalez Obregon. For veries: Oficina de Propaganda (DAPP), Bucareli 12, Desp. 103, Mexico, D. F.



Hear More  
Short Wave Stations  
with RCA  
**SPIDER-WEB  
ANTENNA!**

Typical RCA Spider-Web Antenna installation shown above. Note small space required. This antenna is the trans-oceanic communications type—Stock No. 9685, list price \$8.95. Its frequency coverage can be increased to 70,000 kilocycles by adding RCA High Frequency "D" Band Kit—Stock No. 9689, list price \$1.50.

**H**ERE'S an antenna that makes it easy for you to tune those "hard-to-get" stations! The RCA Spider-Web Antenna System gives excellent signal pickup over a frequency range from 140 to 23,000 kilocycles.

A unique multiple doublet provides greater signal pickup in every receiving band—assuring you more short wave stations.

Noise reduction is another RCA Spider-Web Antenna feature. Pick-up

on short-wave band lead-in is eliminated, greatly reducing static caused by oil burners, fans and other similar electrical interference.

This antenna can be erected in a very small space—is easy to install. Its sturdy construction provides sufficient strength to withstand the most severe weather conditions. Completely assembled at the factory, it is yours at surprisingly low cost. Enjoy the additional short wave pleasure this antenna provides—today!



*Parts*

**RCA MANUFACTURING CO., Inc.**

**CAMDEN, N. J.**

**A Service of the Radio Corporation of America**











## VERI ASSURANCE

No letter need be addressed the station when you forward verification requests via the QRC. Merely send your report with a dime and three cents postage to the QRC and, at the time we forward your report, we will make the request for you in the station's own language. Any form on lightweight paper will do, but the following QRC form, available at 90 for 9 cents, post-paid, is preferable:

### QUIXOTE RADIO CLUB

Station:	QRC No.	
Date:		
Hour:		
Log:		
Intensity—R	Fading—QSB	Overall Merit
Modulation QSA	Slow Shallow	Excellent
Interference QRM	Rapid Shallow	Good
Atmospherics QRN	Slow Deep	Fair
Receivers	Rapid Deep	Poor
Observer:		
Locality:		

If the station keeps a log against which reports may be checked, then a single musical selection by name ought to suffice. If they do not keep a log, then neither should a longer report serve any purpose. If the station's language is other than English, a lengthy report in this language is not desirable.

Instead of holding a single station of unknown identity whose program offers no familiar numbers that may be logged by name, we believe it greater sport to tune across the band, from one station to another, until you chance upon a familiar selection. Log this by name noting the time and how well it is heard. Identify the station and then tune again across the band, repeating the operation. In this way you will succeed in making more verifiable reports in the shortest space of time, with never a dull moment.

Aside from the "dime veri" stations and with certain exceptions, the QRC will also request of any shortwave broadcast station, the verification of reports submitted on QRC forms accompanied by 6 1/2 cents. Of this sum, 3 cents is to pay for a copy of the REPORTER offered the station in lieu of reply postage. In the event of failure to verify, this sum is refunded, thus guaranteeing members against loss such as might occur if coupons are used. Upon completing 300 reports under the Connoisseur Plan, which we will not at this time describe, the member is entitled to a prize not exceeding 75 cents in value.

(See Inside Front Cover)

11-8-37-740P OA 4A1 D W9PVC



10 CENTS

JUNE

# SHORT WAVE REPORTER



BROADCAST SCHEDULES  
—STAMP COLLECTORS' CONTEST—  
TELEGRAPH FREQUENCY MARKERS  
NEW STATIONS AND STATION NEWS



## PLAYERS ALL

Verification cards used to serve as the listener's "score" in the fascinating game of logging new stations, but the way of the veri collector is no longer smooth. The novelty of being on the air having worn off, many stations have ceased acknowledging reports. Which these may be, the individual listener is able to discern only at his expense. While helping members get their verifications, and protecting them against this loss, the QRC has devised a better means of keeping the listener's "score." This is known as the Connoisseur Plan and, in a brief period, more than forty thousand reports attest its popularity. Clearly it is much greater sport to log stations with a purpose, than to tune aimlessly. The object has been to make reporting easy and inexpensive—all play and no work! The requirements are these:

### CONNOISSEUR PLAN

For ten reports each, on the reception of any thirty short wave broadcast stations, submitted on QRC forms, the QRC will confer the title "Connoisseur of Short Wave Reception" and award, as a prize, the member's choice of any National Geographic Society map, on linen, six hundred foreign postage stamps or any other prize not in excess of 75 cents.

The only innovation is that it is now planned to issue a card bearing this title, with space for affixing a star for each group of thirty stations completed. Also the member may submit, for certification by the QRC, a list of these stations and attach it to the card. This is aside from the official QRC score.

Report forms are available at 90 for 9 cents, post-paid, and their use is prerequisite for uniformity and convenience. Each report must be accompanied by a half cent, half of which (a quarter cent) is for forwarding postage and the remainder applies toward the prize to be received upon completing reports on thirty stations, ten times each. Your prize is not subject to any element of chance whatsoever. You pay for what you get and get what you pay for—plus the fun of getting it!

Send in your reports at least every ten days without waiting to accumulate the required total, in order that a stream of fresh reports may be kept flowing continuously to the stations. All reports are to be on short wave *broadcast* stations only; not point-to-point relays, commercial telephones, special services, nor amateurs. By "broadcast" is meant the transmission, with some degree of regularity, of entertainment for public reception.

# Short Wave Reporter



## HEAR SAIGON!

Or, it might have been more appropriate were we to say, in the vernacular, "try and do it!" Generally it is our practice to suggest a distant station which we believe should be audible although not commonly heard. In this instance listeners on the west coast should be successful but we are less sanguine of eastern reception. The reason is that the signal strength of our station is slightly less than that of CR7BH Lourenco Marques, Mozambique 11.718, and both operate on exactly the same frequency channel. There is one favorable element, however, and that is *time*. Saigon begins operations at an hour earlier than we would care to investigate, by which we mean 5 a. m. EST, and continues until 9:30 a. m.

The first part of the program is oriental and logging it would tax our descriptive powers. The latter part is French, however, with announcements by a lady, and many of the numbers will be recognized. When English announcements occur, it is only at the close of the transmission. Unfortunately, on week-days the carrier of CR7BH comes on the air about ten minutes before Saigon signs off, setting up a severe heterodyne. The opportunity of logging an intelligible English announcement is consequently reduced to Sundays and then they do not always occur. Before the concluding announcement a series of chimes will be heard in a group of eight, twice repeated. With the playing of La Marseillaise we find our efforts to log an announcement must be deferred until another day. For the address, see French Indo-China under Station Data. And for the place on the dial of your receiver, note well the spot at which CJRX Winnipeg is heard the night before, and look in exactly the same spot at dawn the next day. If not found there, then it is useless to look further. May conditions be exceptionally favorable!

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.

10 cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1937 by E. J. Shields, Chots.

Advertising accepted of reputable firms only. Rates on application.

It should be added that not only must conditions be favorable, but a slight change in frequency on the station's part will be necessary for perfect reception. Conditions the morning of April 19 were excellent, but the heterodyne caused by the carrier of CR7BH ruined intelligibility. Unfortunately we shall not have another opportunity for observation before going to press. On this occasion a man appeared to be giving a long detailed announcement for the benefit of American listeners whose reports he requested sent to Post Office Box 295. The frequency was understood to be announced as 11,702 kilocycles, indicating a correction is in order. On this frequency they would at least escape the heterodyne with CR7BH, although telegraph stations abound within the band. The time announcement was also understood to be 9:30 p. m., the equivalent of 2:30 p. m. GMT, the hour of closing down. The difference of twelve hours between their time and EST indicates maximum DX for eastern listeners.

In stating that conditions were this day excellent, we judge also by the success attending the inauguration of radiotelephone service between Shanghai and San Francisco at 10 a. m. EST over XTB 11.405.

#### ANGOLA

Just to dispel any disturbing doubt that may linger in the minds of listeners, may we state on the best of authority that CR6AA Lobito has long since discontinued the frequency of 7,177, at present operating exclusively on 9,660. Aside from the fact that the power input to the final amplifier is but 500 Watts, the broadcast is somewhat early for best reception in North America and, lastly but not least, the channel is occupied by Radio El Mundo LRX.

#### ARGENTINA

Listeners will welcome the morning broadcasts of Radio El Mundo over LRU 15.290 from 7 till 9 a. m. EST, resumed May 1. If the management wished to reach North American listeners, this would also be the more effective channel in the late afternoon and early evening of the northern summer.

#### BOLIVIA

Tests of CP-1 "Radio Chuquisaca," Sucre on 6.220 and more recently on 9.850 between 10 p. m. and midnight EST, reported weakly heard in the Argentine, seem not yet to have been logged by listeners in North America. The higher frequency should be favorable. Let us investigate!

#### CHILE

Messrs. Godoy, Rocuant & Co., Ltd., Builders and Owners of the first Chilean shortwave broadcast station, Radio Difusora Pilot C.B.960, operating on 9.600 with 500 Watts power, have had the kindness to inform the QRC that their transmissions open and close with Newton's melody entitled, "Somewhere a Voice Is Calling," an organ solo. It is noted that the Studios are located at Compania 1288, Fourth Floor, Offices 1-2, and the Station at Capitan Orella 2511. Address: Casilla 1342, Santiago.

For the benefit of the many members—though not as many as we should have wished—who have joined the QRC since March, it may be well to repeat that Station CB615 "Radio Service" of Santiago, whose frequency is normally 6,150, has been testing for several months on double that frequency, namely, 12,300 kc., pursuant to authority granted them pending the assignment of a channel within the 25 meter band. Meanwhile, no call letters have been in use. This station is owned and operated by Luis Desmaras & Co., dealers in radio goods at Bandera 176, the postal address being Casilla 761, Santiago.

### COSTA RICA

Louis J. Saenz, QRC 757, Director of T.I.L.S. Radioemisora "Para Ti" (Your Station), requests that his appreciation be conveyed to fellow members who have had the kindness to report his station, and adds that programs open with "Washington and Lee Swing," closing with "Adios mi Chaparrita," which may be freely translated as "Farewell, my Little One." Postal Address is Apartado 3, San Jose, and for time on the air, see Frequency 5.905 Broadcast Schedule.

An unidentified Costa Rican station has been reported by several operating near 5.780, one member believing it to be T.I.C.H. Probably will be a long wintry night before this is audible on the West Coast.

Frank Wimmer, Operator and Announcer of Station T.I.O.W. "Ondas del Caribe," at Puerto Limon, gives the station's frequency as 6,850 kc., power 400 watts, and modulation 100%. Otto F. Wimmer is the owner, and the address: Apartado 45. The frequency is unfavorable for distant daylight reception, and night operation seems irregular. Less than maximum modulation would mean greater clarity.

### CUBA

Station COJK of Camaguey, operating on an announced frequency of 8,663.9 (34.62), has been heard near midnight EST on the west coast with a strong clear signal. In order that they might test with distant stations who would not be looking for them on this frequency, they had local amateurs CO8RQ and CO7AS relay their general call. Though this station may formerly have been CO9JQ 8.665, it certainly is a new transmitter. The operator remarked that the antenna had been cut to exact measurement for the frequency in use and should be most effective.

### DOMINICAN REPUBLIC

The second harmonic of Station H.I.N. of Ciudad Trujillo 6,243, occurring on 12,486, being of good quality and strength, caused speculation even as far away as the Argentine. That it is an harmonic is evident from the announced frequencies of 6,243 and 1,090 kcs. Its reception on the Pacific Coast has been better than its fundamental, daylight favoring the higher frequency.

**HONG KONG**

Collectors of verifications are due for a bit of bad news. The following notice has been received from the Secretary of the Hong Kong Broadcasting Committee, Gloucester Hotel Building.

"Our request for reports on our short-wave transmissions from Station ZBW met with a most gratifying response, but the number of reports arriving has become almost overwhelming. The experimental transmissions have now been completed, however, and I propose to discontinue the use of Verification Cards. I should be grateful if you would give publicity to this fact through your organization in order to avoid disappointment to your members who might continue to write for Verification Cards. If experiments are carried out again at some future time and further reports are desired, I shall be glad to inform you and will welcome the co-operation which your members have shown on this occasion." (s) S. P. MORRIS for Secretary.

That's all there is; there isn't any more!

**JAPAN**

Early in May the Tokio announcer stated the increased power of 50 kw was then effective on JZJ 11.800, but that JZI 9.535 continued operating with 20 kw. Reports were requested as to whether a corresponding improvement had been noticed.

**MACAO**

In recent weeks CQN Macao has been missing from its usual haunt, just at a season when marked improvement could be expected. It is evident no crystal control is used for the station's frequency is highly flexible. Though last heard at 9.933, they may be playing hide and seek.

**MEXICO**

Alejandro A. Schober, QRC 770, Manager of "La Voz del Pacifico" X.E.B.Q. Mazatlan, Sinaloa, 6.030, has kindly informed the QRC that his station's power of 50 watts is to be increased June 1 to 100 watts. The final hour of the daily program—just before midnight—should most favor distance reception of this station. For particulars, please see the Broadcast Schedule and Station Data sections.

Manager Jose Remigio Agraz advises that all transmissions of Radio Difusora de Sonora X.E.B.R. at Hermosillo (Capital of Sonora) 11.820, open and close with the waltz "Sobre las Olas" (Over the Waves). Members are expressly thanked for their reception reports.

Of the new stations of the month, two come to us from Mexico and are heard above and below C.O.C.X. respectively. The one above is X.E.T.M. located at Villahermosa, State of Tabasco, on 11.525, although presumably assigned 11.730. On the west coast the signal is weak until darkness falls, and when code station "wqee" is active, the broadcaster is obliterated. Announcements are usually, "Escuchan a la emisora X.E.T.M.

desde sus estudios en Villahermosa, Estado de Tabasco, Republica de Mexico." If not mistaken, it is also announced that the studios are located in the Hotel Palacio. By way of illustrating the call—a practice listeners will highly commend—the following index words are employed: "X.E.T.M. E de Estado, T de Tabasco, M de Mexico." Reports are requested addressed to Apartado 74, the number being twice repeated as "sententaicuatro—siete cuatro." Schedule is given as daily from 12 till 2 and 6:30 till 10 p. m. CST, but listeners should not expect them to be so discourteous as to shut down abruptly at the latter hour. The musical signature is a waltz with tenor refrain in Spanish, suspiciously resembling a translation with mention of "from May to April." Here we have another familiar waltz, the name of which escapes us.

The second station is X.E.W.B. (or V) "Radio Cultural" (meaning non-commercial) of Guadalajara, Jalisco, announcing 11.710 but on occasion heard heterodyning WMI 11.370. This station belongs to the Camara de Proprietarios (an institution not unlike our Chamber of Commerce). The inaugural program of May 15 was also relayed by X.E.A. "La Voz del Occidente" and X.E.C.U. "El Pregonero del Sur." Reports were requested locally by phone to Mexicana 3408 and by mail to Hospicio 50. As with most new stations, the announcers have not yet learned of the desirability of spelling their street address and illustrating their call letters with index words. The letters B and V sound identical in Spanish and no one but the announcer knows which is correct. Signal strong, but over-modulated.

Station X.E.U.Z. 6.120, in parallel with X.E.F.O. of Mexico City offers a very entertaining and instructive program nightly at 11 p. m. EST called the "Hour of the Republic," dedicated to each in turn of the thirty Mexican States and the Federal District. This affords listeners an unusual opportunity to learn more of the neighboring states. Reports and inquiries may be addressed Apartado 2641, Mexico, D. F.

#### MOZAMBIQUE

The Chairman of the Union of Radio Amateurs of this Colony, whose address is Caixa Postal 594, Lourenco Marques, very courteously air-mailed an expression of appreciation for reports on the reception of their Station CR7BH 11,718 kc in parallel with CR7AA 6,137. By reference to the Broadcast Schedule, it will be noted that there are three daily sessions, the second having been well heard on the Pacific Coast with peak during the first hour after sunrise. Now that the sun rises earlier, signal strength has slightly diminished, but most certainly this signal reaches the west coast via the path of darkness which is the longer way round. The earlier session might favor reception in eastern or central U. S., particularly Sundays, although the longer way round in this case measures 17,000 miles and the path of darkness does not stretch so far. Best of all, try for them at the moment CJRX leaves the air!

**NICARAGUA**

A. Majewsky, Station Manager of Y.N.P.R. "La Voz del Radio Pilot" at Managua, D. N., has had the kindness to acquaint the QRC with the operating schedule of this new 500 watt station (See 8,650 kc Broadcast Schedule). Under the same call they also broadcast on the long wave frequency of 630 kc. The owner, Sr. Rodolfo Sengelmann, as the station's title might lead us to suppose, is the Pilot Radio dealer at Managua.

**NORWAY**

Inquiry with respect to the proposed construction of a number of Norwegian stations, announced by the press recently, elicited the information from the Director General of the Radiotelegraph Division, Department of Commerce, Oslo, that no new channels will be brought into use for the present, but during the current year the power of LKJ-1 Jeloy (6,130 and 9,530) will be increased to five kilowatts.

**PERU**

In verifying the reception of members, Radio "Delcar" OAX1A, 6,150, J. Carlos Montjoy, Owner, advises the QRC their operating schedule is daily from 8 till 11 p. m. EST, continuing Saturdays till midnight. This extra hour affords the listener the best opportunity of logging Radio "Delcar" for interference should then be at a minimum. Musical signature is Ted Lewis' "Good Night Melody" followed by the Peruvian National Anthem with vocal chorus. Postal Address: Casilla No. 9, Chiclayo, Peru.

That OAX5A is the call of Radio Universal's short wave station on an announced frequency of 11,796 kc is evident from announcements. The musical signature, so familiar yet the name of which we could not recall, seems to have been "Kiss Me Again" (to forget is nearly as bad as to tell), but the signature now used at 11:30 p. m. is "Estrellita" or Little Star. Following this is to be heard the Peruvian National Anthem with vocal chorus, in common with the practice of all Peruvian stations. Although it would seem there should be a number, the announced address is understood to be: Estafeta de Correos, Ica, Peru.

Antonio P. Vasquez P., Manager of "Radio Internacional" Lima OAX4J 9.520 relaying OAX4I 1,100, advises of their operating schedule and asks how well they are heard at midday. Every Saturday night after 10 o'clock they offer a complete opera. Studios at Edificio Minería sexto piso. Postal Address: Casilla 1166.

**SIAM**

After a brief silence, HS8PJ Bangkok resumed tests on 9.350 Monday, May 17, from 8 till 10 a. m. EST, the frequency of 19.020 having been discontinued. At times reception is completely blotted out by the powerful Chinese phone X.T.R., and the last half hour fades badly. As schedules are given at sign off, on this occasion we have to assume those

audible in America to be Mondays and Thursdays from 8 till 10 a. m. EST on 9.350 only. Peak reception is at dawn. Consequently this schedule is unfavorable for eastern reception in summer.

### SOUTH AFRICA

W. A. WIRELESS NEWS reports the receipt of a letter from Africa advising of irregular tests by a new station styled Radio Pretoria and described as powerful. Wavelengths mentioned thus far have been 60 and 34.4 meters (8.720). Address: Chief Engineer, G.P.O., Pretoria, Transvaal, Union of South Africa. No schedule had been adopted. Flash: ZUID Pretoria 7 kw 5.000 (60.00) 8-9 a. m., 1:15-3:15 p. m. EST.

### SWEDEN

R. M. A. reports "The Swedish station SM5SX, which closed down recently, has been replaced by a new transmitter, Motala SBG, which operates experimentally with 1 kw, relaying the Stockholm long-wave programs on 25.63 meters until 1:30 p. m. EST and on 49.46 meters after that time." The source of this information is not stated, nor have listeners confirmed it.

### SWITZERLAND

Effective May 15, the League of Nations Bulletin for New Zealand and Australia regularly broadcast every Monday morning over HBO 11,402 will begin at 12:30 a. m. EST. While HBJ 14,535 is beamed to North America, HBO is using a simple horizontal wire or omnidirectional antenna. Some aerials of the rhombic type are under construction but will probably be beamed to North or South America, or the Far East (Japan or China). In reply to the suggestion of a Member that the League Bulletin broadcast Saturdays be switched to HBO and HBJ (since HBP is lost in static and HBL jammed), C. H. Calame, Chief of the Wireless Service, advised that he had recommended the change but that the Information Section were not in accord. Doubtless "veri-seekers" convinced the Information Section that reception was perfect, so why should they heed the recommendations of serious listeners?

### URUGUAY

After a brief silence, Station CXA2 of Montevideo resumed experiments on 6,000 drowning out (at least in its own locality) OAX4P Huan-cayo, Peru, which had switched to that channel a short time before. The Montevidean is now styled the station of the Compania de Publicidad Continental with Offices and Studios at Rio Negro 1631, Montevideo, and Transmitter at Sayago, a suburb some six miles from the Capital. It has joined the ranks of those stations using Ted Lewis' "Good Night Melody" as their signature. Schedule from 4 till 10 p. m. EST daily. No reports of reception in North America have reached the QRC.

## QUIXOTE RADIO CLUB

### U. S. A.

Saturday at 5 p. m. EST, WIXAL Boston on 11.790 offers a program entitled "World Youth Speaks" (WYS). Material in different languages is translated into Basic English, using a vocabulary of less than 1,000 words. Suggestions for WYS programs may be addressed Carleton A. Wheeler, Director, Radio Station WIXAL, Universal Club, Boston.

### U. S. S. R.

From Rowena Meyer, Chief Editor, Station RV-15, Khabarovsk, the QRC is favored with the following letter: "We are glad to send you the enclosed 'veris' for your Members. Station RV-15 presents its English broadcasts every even day of the month at 6 p. m. Khabarovsk time (4 a. m. EST). No musical signature or interval signal is used by this station. The English broadcast begins, "Hello, everybody! Station RV-15 on the air! Broadcasting from Khabarovsk in the Far Eastern Region of the U. S. S. R." The English program closes: 'Our next English broadcast is on.....(date). Until then, good-bye, everybody!'"

The verifications of RV-15 are similar in text and texture to those issued by Moscow before the adoption of their present picture postal. A path of darkness being essential to reception on 70.2 meters, listeners in the southern hemisphere may hear RV-15 now or never, while we of the north must await winter.

### VENEZUELA

Eugenio Grand, Manager of "Radio Coro" YV1RI 6.210, very kindly informs the QRC that the musical signature (*marcha oficial* in Spanish) used by his station is entitled "Los Tres Colores" (The Three Colors). He adds that the transmitter is situated on a plain six miles from the Caribbean Sea, using an antenna 55 feet in height. Sr. Roger Leyba is the proprietor. Address: Coro, Estado Falcon, Venezuela.

Station YV5RI "La Voz de La Esfera" (Daily Newspaper) of Caracas 6.250, relaying YV5RJ 1,370, has been reported by listeners in the east testing with a very good signal. At this season they will need to test late indeed if they are to be heard on the Pacific Coast.

With a view to its early inauguration, "Radio Bolivar" YV6RC of Ciudad Bolivar (on the Orinoco) was reported as early as May 3, testing on an announced frequency of 6.420 kc. Heard half-way between HI-1S and TIPG till 8:30 p. m. EST.

### BROADCAST SCHEDULE

All schedules are expressed in Eastern Standard Time excepting those of Paris, CT1AA Lisbon and the American stations other than Schenectady, these being in Eastern Day-light Saving Time.









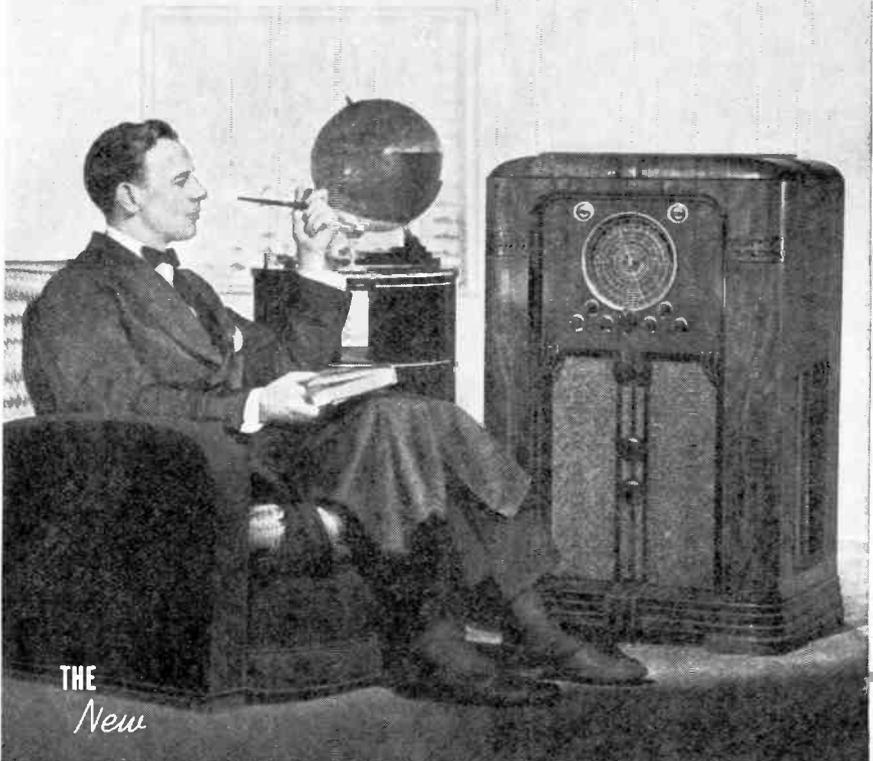




BROADCAST SCHEDULE--EASTERN STANDARD TIME

Mags. Mets.	Location	Call												Days			
		3	4	5	6	7	8	9	10	11	12	1	2	3	SM	W F	
12.005	25.00	R N E				6-7			10-11							W	
12.235	24.52	T F J				6-7										S	MTWTFSS
12.300	24.39	S P W								12 2 1/2						S	MTWTFSS
13.635	22.00	H B J								11						S	MTWTFSS
14.535	20.64	L Z A								12 2 1/2						S	MTWTFSS
14.915	20.11	D J L				5-6 1/2		8-9		11 1/2						S	MTWTFSS
15.110	19.85	H V J				6										S	MTWTFSS
15.121	19.84	G S F						9 1/2		10 1/2						S	MTWTFSS
15.140	19.82	C S O				5 1/2		9								S	MTWTFSS
15.180	19.76	D J B				5 1/2		9								S	MTWTFSS
15.200	19.74	W8-XK				5 1/2		9								S	MTWTFSS
15.210	19.72	P C J				4 1/2		6								S	MTWTFSS
15.220	19.71	OLR5A				6		8-9 1/2								S	MTWTFSS
15.230	19.70	W1XAL														S	MTWTFSS
15.243	19.68	G S J														S	MTWTFSS
15.250	19.67	W2-XE														S	MTWTFSS
15.260	19.66	H1-3X														S	MTWTFSS
15.270	19.65	D J Q														S	MTWTFSS
15.280	19.63	L R U														S	MTWTFSS
15.280	19.62	G S P														S	MTWTFSS
15.310	19.60	W2XAD														S	MTWTFSS
15.330	19.56	D J R														S	MTWTFSS
15.340	19.55	HAS-3														S	MTWTFSS
15.370	19.52	XE-BM														S	MTWTFSS
15.440	19.43	W2XE														S	MTWTFSS
17.760	16.89	D J E														S	MTWTFSS
17.760	16.89	P H J														S	MTWTFSS
17.770	16.88	W3XAL														S	MTWTFSS
17.780	16.87	G S H														S	MTWTFSS
17.790	16.86	C S H														S	MTWTFSS
21.470	13.97	W2-XE														S	MTWTFSS
21.520	13.94	G S J														S	MTWTFSS
21.530	13.93	W8-XK														S	MTWTFSS
21.540	13.93															S	MTWTFSS

*Super-Powered for*



THE  
*New*

**SCOTT** *Philharmonic*

*Clearer, Stronger Foreign Reception*

# 30 TUBES

## **BRINGS IN THOSE WEAK HARD-TO-GET STATIONS**

This new Scott Custom-Built Philharmonic is, we believe, the world's most highly perfected long distance receiver. It far surpasses all previous Long Distance World's Records, held by Scott Receivers. 30 Tubes, all operating at peak efficiency, develop tremendous perfectly controlled power. You can now tune many stations you never have heard before. Greater Sensitivity enables you to take a whisper from the far corners of the earth and amplify it to the volume of a "local."

### **3.75 TO 2000 METERS**

Greater Wave Length Range, 6 Bands, 3.75 to 2000 meters, gives you complete coverage of practically everything on the air. Every point on the dial is filled with powerful, superb-toned reception. "Years ahead" in design... it will receive Television Sound Broadcasts. The secret of this new Scott Philharmonic's amazing performance lies in its 8 New Features

(patents applied for), which permit you to locate and bring in those far away, weak, hard-to-get stations that are seldom heard on other receivers.

### **CUSTOM-BUILT TO ORDER**

The Scott Philharmonic is not an ordinary radio. It is Custom-Built by hand to suit receiving conditions in your locality. Constructed with the precision of a fine watch. Incorporates every modern improvement of radio science. The Philharmonic is the only Radio Receiver, we believe, that will perfectly reproduce the entire tonal range of the human ear (30 to 16,000 cycles). Every tone from the very lowest to the highest is captured with an uncanny realism that seems to bring you into the very presence of the musical rendition. Guaranteed 5 years. Fifteen cabinets by master designers await your choice.

**FREE DETAILS • MAIL THE COUPON NOW!**

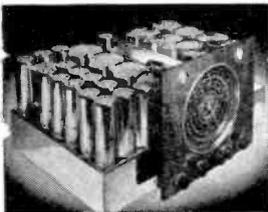
**E. H. SCOTT RADIO LABORATORIES, INC.**

4491 N. Ravenswood Ave., Dept. 44K7, Chicago, U. S. A.

Please send details about the new Scott Philharmonic. (No dealers. Sold only direct from Scott Laboratories in New York, Chicago, Los Angeles. 30-day free trial).

Name

Address



**CASTELLANO**

An advantage of Spanish is that it is nearly phonetic and if you learn the sounds of the letters, you can pronounce the words without having to have a teacher pronounce them for you. We say nearly phonetic because some letters still have two sounds and that complicates matters. English is, of course, vastly more complicated and apparently only gangsters are able to simplify it. As in English, the Spanish letter C has the soft sound of S (as spoken in America) before the vowels E and I, but the hard sound of K before A, O and U. To get the sound of K before E and I, they use the combination QU. Thus QUE is pronounced KAY, and QUI as KEY, in Quixote. Why in the name of all that's sensible they do not use the letter K and be done is beyond comprehension. Similarly the letter G is hard before A, O and U, but like H before E and I. In order to give it a hard sound before E or I, they insert a silent U; thus, GUE is pronounced GAY and GUI can only be reproduced in English by a similar device: GHEE. Before A, O and U, the sound of H is represented by J (jota). At least in the case of J, it can also be used before E and I with the same H sound. Why the necessity of using any other letter than J to represent this sound is a mystery.

Now, getting down to our practical Spanish, the first thing a foreigner does in a strange land is to learn how to swear. A few choice cuss words may come in handy and save the student from ineffective vociferation. Let us suppose a "chofer" (there are other Spanish names for him as well) nearly runs over you while you are crossing the street, gawking at the sights. With the utmost propriety you may exclaim, "Atrevido!" That in itself ordinarily will not produce a fight, for it means "audacious." But if he in turn calls you "bobo" (in English we spell it "boob") you still have a snappy come-back: "Bobo lo eres tu." Translated literally, this means, "Boob art thou!" Both parties having stated their propositions, the game is a draw and each may retire gracefully. However, this brilliant repartee should not be indulged in within earshot of a peace officer lest you be arrested for being disrespectful of him. No provocation, however great, will be accepted in justification of such conduct and you'll languish in durance vile until the consul gets money from home to pay your fine. Perhaps, after all, silence is golden!

**CLUB STATIONERY**

Hammermill Bond letter-paper for Members, 50 sheets, 31c.

## CONNOISSEUR SCORE

A star denotes a prize for ten verifiable reception reports submitted to the QRC on each of thirty different shortwave broadcast stations, and thirty additional stations for each additional star. Total reports to date: 43,198.

## QRC

252	W. L. Chambers*****	QRC	158	Ralph Evert, Jr.
6	Arthur F. G. Bruder*****		182	Wm. Hughes
8	Henry V. Miner*****		227	J. Herbert Hyde
215	Thos. F. Waters*****		235	A. V. Deterly
392	R. B. Oxrieder*****		262	P. A. Portmann
56	Edwin E. Hatch****		277	Carl Weber
278	Chas. B. Lamm****		289	B. B. Hunt, Jr.
163	Robert L. Weber****		291	Geo. Van Honk
329	Donald Adams***		295	R. S. Verity
359	Anthony C. Tarr***		300	Roy Myers
161	Myles Swartley**		303	Jose Rodriguez
167	Paul W. Dilg**		311	Eric A. Bristow
206	C. C. Trezise**		314	Richard Kamba
218	Merton T. Meade**		324	S. W. Teague
297	Floyd M. Murphy**		326	Robert R. Irwin
64	Frank R. Grey*		341	Art Ling
120	Jas. C. Hayes*		344	Frank Anzalone
140	Ray La Rocque*		351	Henry W. Prah
165	Thos. G. Grey*		363	Juan Cloquell Storer
174	Thos. Van Auken*		368	Clarence Morman
179	M. M. Holmes*		373	Robert Partridge
205	Roy Waite*		384	Lewis F. Miller
241	Walter W. Winand*		386	W. H. Jessen
286	Roger Legge, Jr.*		389	Norman Schultz
290	John G. McConomy*		412	E. D. Schenk
311	Eric A. Bristow*		413	Walter Martinson
330	Arthur B. Johnson*		430	M. H. Gifford
333	William Wedel*		468	Stuart Osgood
406	Harold Levison*		484	Albert H. King
407	Donald S. Wright*		510	Wm. D. Hunter
511	Carl and Anne Eder*		538	Clifford E. Scranton
2	Albert Brindley, Jr.		544	Roy T. Babb
13	Raymond A. Aikin		558	Charles H. Bilharz
36	Mills Van Bergen		562	Sgt. A. W. Brummund
48	E. L. Nicholson		572	Fred Atherton
84	R. B. Hammes		583	James G. Shoch, Jr.
97	J. R. Mappin		593	Sam Swope
100	R. L. Bullard		650	Robert F. Meade
129	Charles Nick		699	Jack Staley
155	Samuel Solito			

FOR SALE—Silver Masterpiece II, recently overhauled by laboratory, together with 14" speaker, transposed lead-in doublet antenna, and cabinet that cost \$40 net, all for \$50 cash. Also Postal pre-selector in A-1 condition at \$15 additional, or Postal alone at \$19. Prices are f.o.b. Hendersonville, N. C. Reason for selling: Purchased a Scott. R. B. Hammes, 242 Third Av. West, Hendersonville, N. C.

### VACATION

Our next will be the September issue, but meanwhile the staff expects to continue busier than ever at the old stand. Our quest for new members continues unabated and it is our goal to enroll no less than all the short wave listeners in this country. Instead of offering prizes, the cost of which must be borne by subscribers, we offer each the benefit of this special rate. Although called a gift offer, it may of course be treated as a club rate, each subscriber paying his own share. The only way in which we may reach your friends is through you and we are asking you to help along the good work by acquainting your friends with our special offer. Let them take advantage of it by paying their own subscription. The rate has been set at an absurdly low figure in order that they might not hesitate. Let each of our present members introduce as few as three new members and our growth will be amazing. We hope for this growth as it will enable us better to serve you. Please do this at once and thereby lend us your encouragement. The campaign is gathering momentum and now is the time to keep the ball rolling! We are happy to report that two established clubs are taking steps to enroll their membership in the QRC en masse. While you are on the lookout for new members, we are improving our source of information. This improvement, we are confident, will be reflected in the September number, to be here soon. Lest it escape your attention, in telling your friends of the REPORTER, remember that the Station Data and the F. B. Log are published in three parts, and with these complete you have a wealth of information. There will be no vacation as far as receiving subscriptions is concerned. Let them come!

### STATION DATA

#### CANARY ISLANDS

EAJ43 (EHZ) Santa Cruz de Tenerife 10.380. Enrique Diaz Exposito, Director. Radio Club Tenerife, Owner. Apartado de Correos, 225.

#### DENMARK

OXY Copenhagen (Skamlebaek) 500 w 6.060 (s) "Der er et yndigt Land" (There's a Winsome Land) National Anthem. Government station.

---

Scotch boarder to landlady: "Excuse me, missus, but did you get my name?"

Landlady: "Yes! It's Sandy."

Boarder: "Oh, that's a' richt—judgin' by the helpin' I got I thoct you thoct it was Ghandi."

## DOMINICAN REPUBLIC

HI-1A "La Voz del Yaque (River)," Santiago de los Caballeros 50 w 6.182 (s) "All Hands." Rafael Western, Owner-BUILDER. Apartado 423.

HI-1J "Nuestra Patria es America" (Our Country is America) San Pedro de Macoris 100 w 5.865 (s) "Indian Love Call" from Rose Marie by Jesse Crawford, organ. Miguel Zaglul, Art Director. Fausto M. Donastorg, Builder-Owner. Address: Anacaona Moscoso No. 3. Apartado 204.

HI-1S "La Voz de la Hispaniola," Santiago de los Caballeros 200 w 6.420. Generoso Sarnelli, Owner.

HI-2D "La Voz de la Asociacion Catolica Dominicana," Trujillo City 100 w 6.900 (s) "Ave Maria," violin.

HI-3C "La Voz de la Feria (The Fair)," La Romana 50 w 6.730. Moises Garip & Roberto Palli, Owners.

HI-3U "La Voz del Comercio," Santiago de los Caballeros 100 w 6.015 (s) "Maria la O" (Maria My Own) of Ernesto Lecuona by Jesse Crawford, organ. Moises Franco y Franco, Director. Address: Av. Imbert. Apartado 23.

HI-4D "La Voz de Quisqueya" (Native name of the Island) Trujillo City 25 w 6.555. Dr. Luis D. Santamaria, Owner.

HI-4V "La Voz de la Marina," San Francisco de Macoris 25 w 6.450. Typical merengue music. Luis Raul Betances Ricart, Director.

HI-5N "La Voz del Almacen Dominicano" (Dominican Store) Santiago de los Caballeros 6.150 (s) "Una Noche de Amor" (A Night of Love), Waltz. Rafael A. Peralta, Mgr.

HI-7P Emisora "Diario del Comercio," (Daily Newspaper) Ciudad Trujillo 6.800 & 1,300. Jose M. Roque Roman, Director. Calle Jose Reyes No. 35.

HI-8A "La Fa-Doc en el Aire" (Dominican Shoe Factory) Trujillo City 200 w 6.479 (s) "General Alvaro Obregon," a Mexican march by U. S. Marine Band. Jaime A. Rodriguez G., Owner. Apartado 1312.

HI-8Q Emisora "Carta Real" (Royal Charter Cognac) Trujillo City 300 w 6.206. Abbes & Garcia, Owners. Av. Espana No. 12.

HI-9B "Broadcasting Hotel Mercedes," Santiago de los Caballeros 5.885 (s) "Evocacion," piano solo. Jacinto L. Sanchez h, Director. Apartado 95.

HIG Trujillo City 50 w 6.280 (i) Lamb bleat (Director's name in translation being Lamb). A. Cordero P., Director. Av. Jose Trujillo V., No. 20.

HIH "La Voz del Higuamo (River)," San Pedro de Macoris 150 w 6.775. Domingo Dominguez, Owner and Operator.

HIN Trujillo City 750 w 6.243 & 1,090. Occasionally relays HI-9B. Calle Arzobispo Merino, No. 97.

HIT "La Voz de la RCA-Victor," Trujillo City 200 w 6.630. F. A. Sanabia, Manager. Apartado 1105.

HI-1X Trujillo City 900 w 6.340; HI-2X 300 w 11,960; HI-3X 300 w 15,280. Government Stations. (s) National Anthem by Jose Reyes. J. R. Saladin, Director of Radio-Communications, Sria, de E. de Comunicaciones y Obras Publicas.

HIZ "La Voz de los Muchachos," Trujillo City 100 w 6.316. Frank Hatton, Owner. Address: Calle Mella No. 44.

**ECUADOR**

Estacion de "El Prado," Riobamba 6.618. Senorita Judith, Announcer. Carlos Cordovez, Manager. "El Prado" Textile Mills, Owner. (For verifications send 5 cents in U. S. stamps instead of IRC for these may be cashed at Quito only.) Apartado 98.

HC1PM Estacion "El Palomar" (The Dove-Cote) Quito 5.725 (s) "March from Aida." J. Leonardo Ponce, Operator. Casilla 664.

HC2CW "Ondas del Pacifico" (Waves of the Pacific) Guayaquil 8.404 (s) "Sangre Ecuatoriana" (Ecuadoran Bred). A. Wilmot, Director. Alvarado & Wilmot, Owners. Casilla 1166.

HC2ET Radio Difusora de "El Telegrafo," (Newspaper) Guayaquil 4.600 (i) 12 chimes. Casilla 824.

HC2JSB "Ecuador Radio," Guayaquil 7.854 (i) Single stroke of deep-toned gong. Juan S. Behr, Owner. Apartado 805.

HC2ODA "La Voz del Alma," Guayaquil 9.447.

HC2RL "Quinta Piedad," Guayaquil 200 w 6.668 (s) Ecuadoran Anthem "Salve, O Patria." (i) "Hello, America." Dr. Roberto Levi, Mgr. Maria Piedad Castillo de Levi, Owner. Address: Tomas Martinez No. 307. Casilla 759.

HCETC "Radio del Teatro Bolivar," Quito 6.895. Manuel Mantilla, Director. Empresa de Teatros y Cinemas, Owner. Apartado 134.

HCJB "La Voz de los Andes," Quito 1 kw 8.948 in parallel with HCJB "Broadcasting Provincial," 200 w 4.107. C. W. Jones, Director. Casilla 691.

HCVT "La Voz del Tungurahua," Ambato 6.580 (i) Small bell. Casilla 109.

**FIJI ISLANDS**

VPD-2 "Radio Suva," Suva 2 kw 9.540 (o) "Song of the Islands" (s) "God Save the King." Amalgamated Wireless (A/sia) Ltd., Owners.

**FRANCE**

TPA "Radio-Coloniale," Paris (Pontoise) 15 kw (s) "La Marseillaise." Government Station. Broadcasting Department: 103, Rue de Grenelle, Paris VIIe. For veris: 98 bis. Boulevard Haussmann, 98 bis., Paris (8e).

**FRENCH INDO-CHINA**

"Radio Philco," Saigon 11.720 (s) "La Marseillaise." Etablissement Boy-Landry, 211-213D Rue Catinat.

**GERMANY**

DJ- Berlin (Zeesen). Interval: 9 notes from folk song "Ub immer Treu and Redlichkeit (Ever be True and Honest), melody of the chimes of Garrison Church in Potsdam in memory of the opening there in March, 1933, of the first Reichstag under the National Socialist (Nazi) rule. (s) "Horst-Wessel Lied," Nazi marching song, followed by "Deutschlandlied." Reichspostzentramt, Schonebergerstrasse 11-15, Berlin-Tempelhof.

---

Wullie: "Whit wey did ye choose that dirty man wi' the patches on his knee to be oor gardener, faither?"

Sandy: "Losh laddie, did ye no see that the ither man had a patch on his seat?"

**GREAT BRITAIN**

GS- London (Daventry). Interval: Chimes of Bells of Bow Church (Cheapside). Greenwich time signal pips. Big Ben strikes the hour, preceded by the Westminster Chimes to which has been set the verse, "All thru this hour, Lord, be my Guide, and by Thy Power, no foot shall slide." (s) "God Save the King." Concessionaire: The British Broadcasting Corporation, Broadcasting House, London, W.1.

**GUATEMALA**

TG-2 Guatemala City 6,300 relays TG-1 1,510. Government Station. Director General de Comunicaciones Electricas.

TG-2X "La Voz de la Policia Nacional." Guatemala City 500 w 5.940. Typical marimba (xylophone) music. Direccion General, Policia Nacional.

TGS "Radiotransmisora de la Casa Presidencial" (Executive Mansion) Guatemala City 200 w 5.713 (s) "Military March" and 5 strokes of a gong. Julio Caballeros h., Technical Director.

TGWA "Radiodifusora Nacional," Guatemala City 200 w 9.450. Operated by the Secretaria de Fomento. Heberto Correa, Station Manager.

**HAITI**

HH-2S Port-au-Prince 100 w 5.920 (s) "Swan Song." Armand Mallebranche, Mgr. Haitian Automobile Company, Owner. Boite Postal A-103.

HH-3W Port-au-Prince 30 w 9.595. C. Ricardo Widmaier, Owner. Boite Postal A-117.

**HONDURAS**

HRD "La Voz de Atlantida," La Ceiba, Atlantida Department 250 w 6.235. (o) "Solo Tuyo" (Thine Alone), marimba fox-trot. (s) "Intermezzo No. 1" by Luis Calvo. Dr. Tulio Castaneda and Emilio A. Crespo, Directors. R. Walter, Operator.

HRN "La Voz de Honduras," Tegucigalpa 5.875 (s) "Good Night Melody" by Ted Lewis. Rafael Ferrari, Manager. Paul John, Engineer.

HRP-1 "El Eco de Honduras," San Pedro Sula 6.351. Manuel Escoto, Director and Manager. San Pedro Sula, Honduras. C. A.

**HUNGARY**

HA- "Radio Budapest," Budapest (Szekesfehervar) 5 kw. Government Station. Magyar Kiralyi Posta (Royal Hungarian Post). Address: Radiolabor, Kiserleti Allomasa, Budapest, IX., Gyali-ut 22.

**ICELAND**

TFJ Reykjavik 7½ kw 12.235 (s) National Anthem "O, Gud Vors Lands." Government Station. Rikisutvarpid Islands (Icelandic State Broadcasting Service), Box 547.

**INDIA**

VUB Bombay 10 kw 9.565. Government Station. Indian State Broadcasting Service, Irwin House, Sprott Road, Ballard Estate, Bombay.

**ITALY**

2RO Prato-Smeraldo, Roma 25 kw. (o) "Bells of Rome." (i) Twittering of mechanical capinera birds. (s) Fascist "Giovinezza" (Youth) and National Anthem "Marcia Reale." Concessionaire: Ente Italiano per la Audizioni Radiofoniche, Via Montello, 5.

**JAPAN**

J— Tokio (Nazaki). Commercial Service: Kokusai-Denwa Kaisha, Ltd. (International Wireless Telephone Co. of Japan). Broadcast Service: Overseas Section, Nippon Hoso Kyokai, Atagoyama, Shiba-ku, Tokio. (s) National Anthem "Kimigayo."

**JUGOSLAVIA**

Belgrade (Beograd) 1 kw 6.100. Address. Milosa Velikog Nr. 16.

**KENYA**

VQ7LO Nairobi 600 w 6.059 (i) Lion's Roar. (s) "God Save the King." Cable and Wireless Ltd., Box 777.

**MACAO**

CQN Macao, South China 300 w 9.933. (o) "Maria da Fonte." (s) National Anthem "A Portuguesa." Government Broadcasting Station, Post Office Building.

**MARTINIQUE**

"Radio Fort-de-France." Fort-de-France. Martinique, F.W.I. 9,450. Edouard Boullanger Fils, Owners.

**MEXICO**

XEBM "El Pregonero del Pacifico" (The Crier of the Pacific) Mazatlan, Sinaloa 15.300 relays XEBL 1,220. (i) 4 chimes, fa, re, mi, do. (s) "Quimbamba" with vocal chorus. Manuel Rojo L., Operator. Difusora del Pacifico, S. A., Owner. Studios: Av. Angel Flores, 156 altos. Apartado 78.

XEBQ "La Voz del Pacifico." Mazatlan, Sinaloa 100 w 6.030 (s) "Luxemburg" March. (i) 4 chimes, sol, mi, do, sol. Correct time signal (sol, mi) every second hour. Alejandro A. Schober, Manager; Adolfo V. Rivera, Art Director; Domingo Vega and Luis Felipe Ferreira, Announcers; Eduardo Schober F., Technician. Plant: Av. Sacrificio 60. Studios: Av. Sacrificio 60 and Muralla Athletic Club. Apartado 95.

XEBR "Heraldo de Sonora," Hermosillo, Sonora 150 w 11.820 relays XEBH 500 w 930 kc (s) "Sobre las Olas" (Over the Waves) waltz. Jose Remigio Agraz, Mgr. Studios & Offices: Hidalgo 23. Apartado 68.

XEBT Mexico City 1 kw 6.000 (o) "Las Mananitas." (s) "Liebestraum" or "Dream of Live" by Liszt, piano solo. (i) Cuckoo call twice. Henry Guerrero, Announcer. El Buen Tono, S. A., (Cigarette Company) Owner. Apartado 7944.

XECR Mexico City 20 kw 7.380. Government Station under direction of the Foreign Office. Oficina del Departamento de Publicidad, Sria. de Relaciones Exteriores, Mexico, D. F.

XECU Guadalajara, Jalisco 6.075 (s) "Ojos Tapatios." (i) Two-tone train whistle. Arturo Contreras V., Mgr. Union Nacional de Industria y Comercio, Owner. Address: Hidalgo 579.

XEDQ Guadalajara, Jalisco 9.520 relays XED (s) "Jarabe Tapatio," (i) 4 chimes in descending scale. Radio Fonografica de Guadalajara, S. A., Owner. Apartado 197.

XEFT "La Voz de Veracruz," Veracruz 20 w 6.120 & 9.510 relays XETF 1,220 and occasionally XEB-XEFT. (s) "Vals Poetico" by Felipe Villanueva. Studios: Ave. Independencia No. 28.

XEPW "La Voz del Aguila Azteca (Aztec Eagle) Mexico City 6.110 relays XEJW 870 (s) "Valladolid Azteca." (i) 5 chimes in ascending scale and five at random, or four strokes of a gong. Enrique Arzamendi, Managing Director. Jose G. Garza Fox & Son, Owners. Studios: Carpio No. 137 altos, Colonia de Santa Maria. Apartado 8403, Mexico, D. F.

XETM Villahermosa, Tabasco 11.730 (s) Waltz with tenor refrain in Spanish. Studios at Hotel Palacio. Apartado 74.

XEUW "El Eco de Sotavento desde Veracruz (The Echo from Leeward) Veracruz 6.020 (s) "La Golondrina" (The Swallow). Fernando Pazos Sosa, Mgr. Studios: Av. Gomez Farias 33. Offices: Av. Independencia 98.

XEUZ "Radio Nacional," Mexico City 2.5 kw 6.120 relays XEFO 5 kw 940. "Hour of the Republic," 11 p. m. EST. Dip. Demetrio Bolanos E., Mgr. Ing. F. Javier Stavoli, Technical Director. Leobardo Gonzalez, Art Director. Address: 5 de Mayo 19 y 21. Apartado 2641, Mexico, D. F.

XEWB (or V) "Radio Cultural," Guadalajara, Jalisco 11.710. Dependiente de la Camara de Propietarios. Address: Hospicio 50.

XEWI "My Voice to the World from Mexico," Mexico City 250 w 6.015 & 11,900. Andres Reynoso, Director. World Institute of Impersonal Life, Owner. Address: 3a de Mina, 56. Apartado 2874.

XEXA Mexico City 6.130 relays XEDP 1.080 (s) "March of the Toys." Government Station under direction of Autonomous Department of Publicity and Propaganda. Lic. Jose Rivera P. C., Chief Clerk. Address: Bucareli 12, Despacho 103, Mexico, D. F.

#### THE "F. B." LOG

This Log may be properly referred to as an illustrated station list for it shows the exact relative position of stations as they are to be found on the dial of any receiver. CAPITAL LETTERS denote stations using voice or music, while small letters indicate commercial telegraph stations. The figures represent megacycles of frequency and the stations should be found under these same figures on any dial accurately calibrated in megacycles. If the dial markings do not agree with the Log, make a note of these markings in the space above the station's frequency on the Log. This will guide you to the exact spot at which other nearby stations of known frequency should be found. This Log is published in three parts and is constantly under revision. The latest revision will be found in the April, May and June issues. The next revision will appear in September, October and November issues. Do not discard one section before replacing it with its revision. The merit of the REPORTER is not to be judged by a single issue, but take three issues together and there you have something!















### VERIFICATIONS GUARANTEED

The verification of any Connoisseur Report will be requested by the QRC for members upon deposit of 6 cents. You have no letters to write! Merely mark with a "v" in the left-hand margin the reports wished verified. List them on a slip of paper, together with the total number of reports enclosed, to facilitate entry in the QRC record. Of the deposit, 5 cents is for a copy of the REPORTER offered the station in return for each verification sent the QRC. The remaining cent is for postage in re-forwarding the verification. Should the station fail to verify a correct report, the 5 cents will be refunded, thus guaranteeing you against the loss which might occur if reply coupons were used.

### STAMP CONTEST

The Stamp Contest has since been devised, similar to the Connoisseur Plan in every respect except that, instead of ten, any number of reports may be rendered on any number of *foreign* short wave broadcast stations, only the total number of reports being counted. Upon completing 300 reports you are entitled to your choice of an assortment of 600 foreign postage stamps or other prize not in excess of 75 cents. It will be noted that two foreign postage stamps are offered for each report on a foreign station, an opportunity for members to tune in postage stamps. Since verifications are often received by the QRC within an envelope and do not always bear stamps, this prize is offered to compensate for the deficiency.

### DUPLICATE STAMP EXCHANGE

For the diversion of Members who are stamp collectors, the QRC offers its facilities for the exchange of duplicate trading lots. With peelable hinges, mount 100 of your duplicates on onion-skin sheets  $5\frac{1}{2} \times 8\frac{1}{2}$ " in size, preferably 25 to the page. Send them, with a stamped self-addressed envelope, to the QRC and in return you will receive a similar lot submitted by another Member. Remove the stamps you wish, replacing them with others, and return for another trade. Endorse the sheets with your membership number to avoid the return of those you've already seen. Following your membership number, indicate in Roman numerals approximately the number of thousand varieties in your collection so that you may receive stamps submitted by another of similar experience. *Caution:* Damaged stamps, whether cut or torn, are of no value and should never be offered in exchange. Submit only stamps of a quality such as you would wish to receive in exchange for your good copies.



*In every industry a leader*

Like Leo Rex in the jungle kingdom whose crown remains unshaken by virtue of his superiority, so in each field of human endeavor there is always one unchallenged leader.

In the field of radio merchandising, Wholesale Radio Service Company, Inc., has achieved an outstanding and unique leadership—a leadership that is recognized by tens of thousands of radio amateurs, servicemen and experimenters throughout the world.

More than sixteen years of superior service to the radio buyer have brought us to the position of the "Largest Institution of Its Kind in the World."

Doubtless, you are already acquainted with us, but, if by chance, you are yet to learn of our **LOWEST PRICES, TRIPLE SERVICE** and **SPEED** deliveries send for our new big Spring and Summer Catalog No. 68-29. It features **EVERY** product of **EVERY** nationally-known manufacturer of radio and related devices for the "ham," serviceman and experimenter. You cannot afford to be without this "Radio Standard"—and it's **FREE**.

**WHOLESALE RADIO SERVICE CO., INC.**

901-911 WEST JACKSON BLVD., CHICAGO, ILL.

10 CENTS

DECEMBER

1937

# SHORT WAVE REPORTER



BROADCAST SCHEDULES  
TELEGRAPH FREQUENCY MARKERS  
NEW STATIONS AND STATION NEWS



## ROLLING OFF A LOG

There is pleasure in logging new stations for it is not unlike a game. The pleasure is intensified—it is more exciting and alluring—if a score be kept for the spirit of contest then enters into the game. With this thought in mind, the QRC devised a plan which embraces all the enjoyable features of a contest, inclusive of prizes, but is distinctly not a contest for it is devoid of chance. You are absolutely certain of winning your prize, and as many of them as you may care to win. There are no losers. Using QRC forms, obtainable at 90 for 9 cents, post-paid, the object is to log 30 different shortwave *broadcast* stations, 10 times each—a total of 300 reports. This entitles you to a prize valued not in excess of 75 cents, such as a National Geographic Society map, on linen, or, for instance, you may add 50 cents and receive an Amateur Call Book. For each additional 30 stations logged ten times, you may select an additional prize.

Listeners tune when, as and if they like, there being no appointed time. While enjoying yourself, you perform a useful and valued service for these reports are desired by the stations in order to improve your entertainment. Only reports on shortwave *broadcast* stations are admissible, however; not commercial phone, special service nor amateurs, and at least an hour should elapse before again reporting the same station. In order that you may accomplish the greatest good with the least effort, and for uniformity and convenience in handling, the QRC supplies mimeo forms as illustrated below. Each report should be accompanied by a half cent, of which a quarter cent is for forwarding postage and the remainder for the prize to be received upon completing your 30 stations. This is known as the Connoisseur Plan.

### QUIXOTE RADIO CLUB

Station:

Date:

Hour:

Log:

Intensity—R

Modulation QSA

Interference QRM

Atmospherics QRN

Receiver:

Fading—QSB

Slow Shallow

Rapid Shallow

Slow Deep

Rapid Deep

Observer:

Locality:

QRC No.

Overall Merit

Excellent

Good

Fair

Poor

(See Inside Back Cover)

# Short Wave Reporter



## HEAR THE VATICAN!

Reception of Radio Vaticano H.V.J. on a frequency of 15,121 kc/s from 10:30 till 10:45 a. m. EST daily excepting Sundays and holidays, has usually been good, the best season on the West Coast being winter; but now the QRC brings welcome news to all who would enjoy better reception of the Vatican for the station now informs us that a new transmitter with power rating of 50 kilowatts—five times the power at present used—will be inaugurated in December. Additional frequencies to be employed are 6.030, 9.550, and 11,740, some of which may prove more suitable than those heretofore in use, the best for American reception always having been 15,121 kc/s. For distant reception, the higher frequencies will doubtless prove the more effective.

While tests are being conducted with a view to improving the service, it is expected that current schedules may also continue to be observed, the Tuesday 10:30 a. m. EST broadcast being in English. In the absence of more definite information regarding the tests, logging them will at first be accidental. As an identification aid, the ticking of a clock is audible prior to broadcasts, and these open and close with the words "Laude-  
tur Jesus Christus." As a token of their appreciation of listeners' correct reports of reception, the Vatican Station issues a most attractive verification card with assorted photographic views of the station premises. When QRC forms are used, reports may be forwarded via the QRC at a half-cent each, entitling the sender to a prize upon completing the required number under the Connoisseur Plan. If you desire the verification of any such report, just mark it with a "v" in the left-hand margin and send it with six cents additional to the QRC for forwarding. No letter of request need be written as the QRC will gladly make the request of the station for you.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.  
10 cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1937 by E. J. Shields, Chots.  
Advertising accepted of reputable firms only. Rates on application.

**ALGERIA**

A special program, a portion being in English addressed to British and American listeners, was intercepted shortly before 6 p. m. EST Saturday, November 6, by a QRC Member in New York State, over "Radio Algiers" on a frequency of 12.120 kc/s. Letters of appreciation or criticism were requested. Whether such broadcasts may occur on a regular schedule is not known, but this is mentioned as they may be repeated Saturday afternoons. With the playing of La Marseillaise they left the air at approximately 10 minutes after 6 o'clock. Address: Radio Algiers, Service des P. T. & T., 137 Rue de Constantine, Alger, Algeria, North Africa.

**BRAZIL**

Station PRA-8 "La Voz do Norte" owned and operated by the Radio Club of Pernambuco, is again being fairly well received in the early evening on the Atlantic seaboard. Present frequency is 6,015 kc/s.

**BRITISH HONDURAS**

By air mail, Mr. D. Fairweather, Superintendent of the Government Radio Station at Belize, B. H., cordially writes a QRC member as follows: "I beg to acknowledge receipt of your very interesting and complete report covering three days reception of our test broadcasts. I am extremely pleased to confirm your reception. I am sorry we have not yet obtained verification cards, but as soon as we do I'll send you one. Our transmitter is a Collins type 600A 200 Watts and your receiver must be quite accurate as our

frequency is 10,600 kc/s. We use Central Standard Time down here, but it is advanced 30 minutes from October to March, so we are thirty minutes behind Eastern Standard Time. We are still in the testing stage and have not started regular transmissions yet. To use the vernacular, I am *tickled pink* that you should get us so perfectly."

The station's call is announced as Zed I K 2, and heard at 7:30 p. m. EST Mondays, Tuesdays, Thursdays and Saturdays at present.

**MANCHURIA**

In verifying reports of reception, the Japanese station at Dairen states: "The J. D. Y. Short-Wave Broadcasting Station commenced its broadcast on July 16 in order to inform the whole world of the righteous standpoint of Japan and the progress of the China incident, against the incorrect and malignant 'propaganda' broadcast by China. The J. Q. A. K. Radio Station, whose power is one kilowatt and wavelength 760 kc/s, has been used for our shortwave broadcast. We give here the details of the J. D. Y. station as follows: Wavelength 9,925 kc (30.2 metres). Power 10 kw. Program (local time 14 hours ahead of EST) 9:00 p. m. Music, news in Japanese, and music. 9:31 p. m. News in the Manchou language. 9:45 p. m. News in English (until 10:00 p. m.). We should be very pleased if you could kindly tell your friends of our broadcast, and we earnestly hope as many people as possible will understand the true situation of Japan."

## COLOMBIA

Members report that the call of HJ1ABJ "La Voz de Santa Marta" of Santa Marta, on 6,025 kc/s, has become HJ2ABJ, indicating a slight modification in the district delimitations of Colombia.

Members report that station HJ3ABH "La Voz de la Victor," Bogota, formerly on a frequency of 6,012 kc/s, has changed to a frequency of 4,900 kc/s where interference should be less.

One of the most recent stations to lend its assurance of the verification of correct reports submitted under the QRC "dime veri" plan is Emisora "Nueva Granada" HJ3ABD of Bogota, operating on a frequency of 4.841, under the management of Sr. Roberto Ramirez. Listen for the announcement at 9:35 and 11:30 p. m. EST nightly that "Listeners in the United States and Canada desiring the verification card of this station will please send their report with ten cents in coin and three cents in stamps to the QRC, Box 772, Santa Barbara, California."

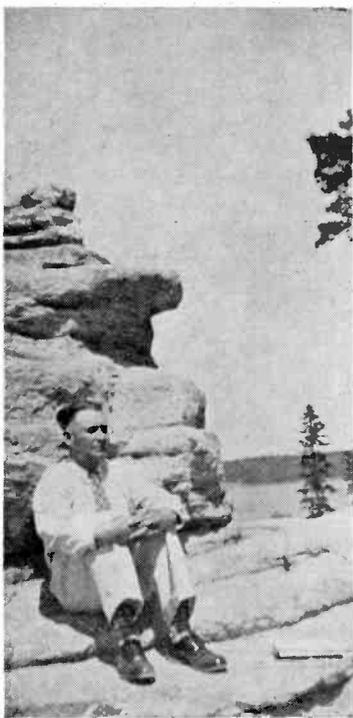
Knowing the reluctance of Sr. Ramirez to verify any report unless it contain ample detail, we suggest that listeners endeavor to report either three musical selections by name, or the names of products heard advertised. Station HJ3ABD is usually well received in North America and it should not be dif-



*Radiant with the Xmas spirit are Leslie and Peter Van Zandt, whose father we recognize as Irving, Jr., QRC 44 of New Jersey, even behind the long white whiskers.*

ficult for listeners here to comply with such a requirement. If you do not catch the name of the selection, you can at least describe its tempo. The station is owned by Colombia Broadcasting, Inc., and mention of this name is frequently heard. Both long and short wave transmitters are located at Olaya suburb nearly five miles distant from the City. The power of the short wave transmitter is one kilowatt, it having been constructed in Colombia of RCA and Western Electric parts.

HJ3ABD Emisora "Nueva Granada," Bogota (Barrio Olaya) 1 kw 4.841 (s) "Para ti Rio Rita," followed by Colombian National Anthem. Jose Roldan-Castello, Eduardo Nieto Umama & Jorge A. Mora, Announcers. Enrique Ramirez, Director. Roberto Ramirez, Manager. Colombia Broadcasting, S. A., Owners. Studios: Carrera 8a. No. 15-91. Apartado 509. Veries via QRC, announced at 9:35 and 11:30 p. m. EST nightly.



*On vacation, John De Myer QRC 207 of Michigan seeks the open spaces.*

Despite persistent rumors that the call of Station HJ4ABU "La Voz de Pereira," of the city of that name, has become HJ6ABA, no reference to any call whatsoever is made in official communications from the station. Messrs. C. Araujo and A. Arango, the owners, do state, however, that "La Voz de Pereira" now operates with 720 watts power on a frequency of 6,054.3 kc/s and that the musical signature is a schottish entitled "Soy de Madrid" but may

be succeeded by the *pasodoble* entitled "Rayito de Luna," a work of the Colombian composer Gustavo Gomez Ardila. Reception reports are welcome.

#### COSTA RICA

Members report station TIPG "La Voz de la Victor," of San Jose, usually heard on a frequency of 6,410 kc/s, also heard on 11,924 kc/s. The higher frequency should favor distant reception.

#### CUBA

Another new Cuban short wave station that may momentarily greet listeners is COCA, 9,700 kc/s. Address: Galiano No. 102, Habana.

Sr. Alberto Alvarez, Owner of CO-BX of Habana, requests that QRC members be advised that his station transmits with a power of 500 watts on an assigned frequency of 9,200 kc/s, relaying CM-BX of similar power on 1,070 kc/s. The musical signature is the well-known "El Manisero" (The Peanut Vender), and reports should be addressed the studios at San Miguel 194, altos, Habana, Cuba. In the brief time this station has been on the air, many reports have already been received from Europe and other distant points.

Cuba has yet to exhaust the alphabet so listeners should be on the lookout for short wave station CO-CU on either 6,590 or 9,950 kc/s relaying station CM-CU 1,290 kc/s of Habana. Schedule will be 7 a. m. till midnight EST, but we do not yet know just when this shortwave complement will spread its wings.

**DOMINICAN REPUBLIC**

Station H. I. N., "Broadcasting Nacional," uses a 750 watt Collins transmitter on 6,243 kc/s, the wave on double that frequency being an unsuppressed harmonic. The latter part of the evening broadcast is well received throughout the United States. Many listeners report good reception of the harmonic during earlier hours. Sundays this station operates only on special occasions from noon till 2 p. m. Dominican Time,

Listeners will have noted that each week-day evening, just before leaving the air, those who desire the verification card of Station HIN of Ciudad Trujillo, 6,243 kc/s, are invited to send their report with a dime and 3 cents postage to the QRC to be forwarded. The reason for this suggestion is that unless reply postage accompanies requests for verification cards, the station is without means for granting such requests, it being Government owned and operated with no budget appropriation for QSL postage, printing and the clerical service entailed. And please note well that international reply coupons are redeemed by the Dominican postal administration at THREE CENTS only! The only way to compensate those who so courteously comply with your request is to send your report to the QRC with a dime for the station management and 3 cents for postage

and international money order fees so that we may forward the entire proceeds of your remittance. We have suggested to the station that listeners would not begrudge this sum, which is scarcely more than the cost of a reply coupon, provided they were assured in advance that their request would be granted. This assurance has been given in the case of all requests submitted via the QRC.

Assurance that all dime veri requests received via the QRC will be granted has also been courteously given by Sr. Julio O. Garcia Alardo, Owner and Director of HI-8Q "La Voz de la Philco," Ciudad Trujillo 200 watts 6.206 kc/s, which leaves the air at an earlier hour, 6 p. m. Dominican Time, somewhat early for distant reception on this frequency. Sr. Garcia adds that sometimes they broadcast from 8 till 10 p. m., but not always. This, then, would be the opportunity of western listeners to log HI-8Q and your veri request via the QRC will be instantly granted.

With call believed HIG, a new Dominican of Trujillo City broadcasts nightly until 8:40 EST on 9,290 kcs. In the west an otherwise good signal is mutilated by telegraph station "wmec-9c" in its seeming effort to keep others off the channel. Address reports: Emisora del Diario "La Opinion."

---

CO-CU Habana (La Vibora) 6.590 & 9.950 relays CMCU 1,290 kc/s (s) "Ondas del Danubio." Raul Pacheco, Panchito Pazos, Alvarez Noquerola, Announcers. Roberto Garcia Serra, Manager. Jorge Garcia Serra, Owner. Plants: Estrada Palma y F. Poey. Studios: Estrada Palma No. 25, La Vibora.

**DUTCH GUIANA**

Members report Sunday test broadcasts by Station PZF Peter—Zero — Frederick of Paramaribo, Surinam, near 17.650 kc/s from shortly before 3 p. m. till 4:40 p. m. EST. Announcer stated they were broadcasting on "17 meters" and requested that reports be sent "Government Radio Service, Paramaribo, Surinam" (Dutch Guiana). Music somewhat overmodulated but announcements clear. This will be a new country for many to log if only we remember to look for them Sunday afternoons only.

**MARTINIQUE**

R. Finucci-Seri, Operator of "Radio-Martinique" (Poste Seri) located at Fort-de-France, advises that his is a new station which they themselves constructed and which was inaugurated August 16 on a frequency of 9,730 kc/s; and directs attention to the fact that "Radio-Martinique" is separate and distinct and should not be confused with "Radio Fort-de-France" of Edouard Boullanger Sons. In noting this correction, he further requests that all QRC members be thanked in behalf of the station for reception reports supplied them. Something tells us that M. Finucci-Seri is not yet acquainted with the veri collecting fad and listeners who want more than a collective expression of appreciation will need to renew their requests.

**PHILIPPINES**

Mr. Thos. R. Worthen, Broadcast Manager of KZRM "Radio Manila," courteously writes: "We desire to give you the following information about our short wave transmissions because we feel that all the members of the Quixote Radio Club will be interested: We verify reports of reception provided international reply coupons are furnished us. Our transmitter is the latest type RCA high fidelity, 1000 watts. We broadcast on two frequencies—9570 and 11840 kc/s. If you do not find us on one, we will be on the other. Our programs are intended primarily for the Philippine Islands and we broadcast in English, Spanish and the native dialects. Excepting Sundays, we broadcast two periods daily, the morning period from GMT 2150 to 2300, and the evening period from GMT 1000 to 1400. Sundays we broadcast from GMT 0900 to 1500. If the Quixote Radio Club wishes additional information, please let us know because we are most anxious to cooperate."

**PORTUGAL**

Members report that the call of Radio Colonial CT1AA of Lisbon, 9.650 kc/s, has been changed to CS2WA. This station, heard with a strong signal in the east, leaves the air too early to be heard well on the West Coast. Its identification signal—a cuckoo call thrice—is one of the most readily distinguishable on the air.

---

"Radio-Martinique," (Poste Seri) Fort-de-France 200 w 9.730 (s) "La Marseillaise," French National Anthem. (i) Chimes. R. Seri, Announcer. Antoine Seri, Director. R. Finucci-Seri, Operator. V. Seri, Owner. Studios: 3d kilometer, Route de la Dillon. Boite Postale 136.

**SPAIN**

Station E. A. R. "The Voice of Republican Spain," Madrid 20 kw 9,480 kc/s is heard fairly well on the West Coast during its English half hour Mondays, Wednesdays and Thursdays from 9:30 till 10 p. m. EST. This broadcast is in addition to their daily session at 7:30 p. m. EST. Listeners are requested by the announcer to "Write and tell us how you have been receiving our program—write and ask us questions about any aspect of the Spanish situation—address your questions and your letters to: Broadcasting Service, Station E. A. R., Madrid, Spain." Every Tuesday night at 7:30 p. m. EST questions are answered over the air. A powerful code wheel is active slightly below EAR's frequency, but causes no serious interference.

EAR has been reported also on 8,895 and later 9,855 kc/s, so, if at first you do not find them, try try again.

**MEXICO**

Lic. Roberto Lara y Lopez, Manager of Station XEUZ of Mexico City, courteously informs the QRC that special DX programs are broadcast over his station every morning from 12 midnight till 2 a. m. (presumably CST) with prizes for distant listeners. Closing date of the contest will be March 31. At the same time, Sr. Enrique Dorsch, Chief Engineer, thanks QRC members for their interest in these stations.

XEUZ "Cadena Radio Nacional," Mexico City 1 kw 6.120 relays XEFO 5 kw 940 kc/s (s) "Marcha Dragona." (i) Chimes. Alfonso Garcia Munguia, English Announcer. Enrique Dorsch, Chief Engineer. Lic. Roberto Lara y Lopez, Manager & Director. National Revolutionary Party, Owner. Studios: Av. 5 de Mayo No. 21. Apartado 2641.



*No white mantle of snow bedecks the scene, but it is Junior's second Christmas celebration, assisted by his father, Thos. Van Auken QRC 174 of Texas.*

**FRENCH SOMALILAND**

It is reported that Station FZE8 of Djibouti conducts a test broadcast on 17,280 kc/s from 6:45 till 7:15 a. m. EST the first Thursday of each month, the next to occur December 2.

**ITALY**

Station 2RO of Rome has been reported mornings on 15.300 kc/s, a new frequency. Reception in eastern U. S. was fair to good.



*Albert Steinmetz QRC 675 of New Jersey seeks and finds enjoyment in logging those distant stations.*

#### **POLAND**

T. Strzetelski, Press Service Manager of Polskie Radio, has had the kindness to invite QRC members to listen to the new Polish shortwave station SPD, inaugurated October 3. This latest broadcaster operates daily from 6 till 7 p. m. EST with 2 kw power on a frequency of 11.535 kc/s, with antenna directive to

North America. Simultaneously the older transmitter SPW, with 10 kw power, broadcasts to North America on a frequency of 13.635 kc/s. Sundays the program continues until 8 p. m. EST. Of particular interest to veri collectors is the note that QSL cards, artistically designed, will be forwarded in reply to every report sent to Polskie Radio, Warszawa, Mazowiecka 5, Poland.

#### **U. S. S. R.**

Moscow now broadcasts two English periods daily from Monday through Saturday, with four on Sunday.

#### **VENEZUELA**

Attention is invited to the fact that Station YV1RB "Ecos del Zulia" of Maracaibo 5.850 kc/s has been added to our list as another whose management assures listeners that "dime veri" requests via the QRC will be instantly honored. Sr. Juan Suarez C., the manager, is to be congratulated for his cooperation with listeners.

#### **SPANISH MOROCCO**

Sr. Fernando Diaz Gomez, Owner & Operator of Experimental Station EA9-AH of Tetuan, in the service of the Nationalist Movement, acquaints the QRC with the following scheduled news broadcasts: Spanish and English for the Philippines, 5:45 p. m. EST; Spanish and English for America, 8:30 p. m. EST; and Spanish alone for America, 10:30 p. m. EST. The frequency at present used is 14.004

CD-1190 Radio Sur "Voz de Valdivia," Valdivia 11.900 relays Radio Aliviol. C. Kaheler y Co., Lda., Owners. Studios: Edificio Wachsmann 14-18. Casilla 642. 10-----1 3-----6 7-----10 SMTWTFSS

BROADCAST SCHEDULE

EASTERN STANDARD TIME

Mess.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
4,107 75.00	Quito	HCJB														S
4,273 72.02	Khabarovsk	RV-15	7:18 <sup>3</sup>							10 <sup>1</sup>						MTWTFSS
4,600 65.22	Quayacul	HCZET		11 <sup>1</sup>	11 <sup>1</sup>	2 <sup>1</sup>									5 <sup>1</sup>	MTWTFSS
4,780 62.86	Baranquilla, Col.	HJ1ABB													6 <sup>1</sup>	W
4,787 60.57	Cucuta, Colombia	HJ2ABC														S
4,841 61.98	Bogota, Colombia	HJ3ABD														MTWTFSS
4,860 61.73	Cartagena, Colombia	HJ1ABE		9												MTWTFSS
4,900 61.22	Bogota, Colombia	HJ3ABH														S
5,225 52.40	Quito	HCIPM								10 <sup>1</sup>						MTWTFSS
5,255 52.12	San Cristobal, Ven.	YV2RA								11 <sup>1</sup>						S
5,258 52.10	Managua	YNOP								11 <sup>1</sup>	12 <sup>1</sup>					MTWTFSS
5,800 51.72	Caracas, Venezuela	YV3RC														MTWTFSS
5,830 51.46	San Jose, Costa Rica	TIGPH	7-8													S
5,830 51.46	San Jose, Costa Rica	TIXGP3	7-8													MTWTFSS
5,850 51.28	Maracaibo, Venezuela	YV1RB	8 <sup>1</sup>													MTWTFSS
5,865 51.15	San Pedro, Dom. Rep.	H1-1J	5 <sup>1</sup>													S
5,875 51.06	Tegucigalpa	H1-1J														MTWTFSS
5,880 51.02	Parquisimeto, Ven.	YV3RA														MTWTFSS
5,885 50.97	Santiago, Dom. Rep.	H1-9B														MTWTFSS
5,905 50.80	San Jose, Costa Rica	TI-LS														MTWTFSS
5,910 50.76	Port-au-Prince	HH-2S														MTWTFSS
5,930 50.59	Maracaibo, Venezuela	YV1RL	8 <sup>1</sup>													S
5,930 50.59	Willemstad, Curacao	PJC-1														MTWTFSS
5,940 50.51	Guatemala City	TG2X														MTWTFSS
5,975 50.21	Huancayo, Peru	OAX4P														MT
5,977 50.20	Lisbon, Portugal															T
6,000 50.00	Montevideo, Uruguay	CXA-2														S
6,000 50.00	Mexico City	XEBT	8													MTWTFSS
6,005 49.96	Colon	HP-5K	7-9													MTWTFSS
6,005 49.96	Montreal	CFCX	6 <sup>1</sup>													S
6,010 49.92	Habana	COCO														MTWTFSS
6,015 49.88	Santiago	H1-3U														MTWTFSS
6,020 49.83	Berlin	D J C	7:18 <sup>3</sup>													MTWTFSS
6,020 49.83	Veracruz	XEUW	10 <sup>1</sup>													MTWTFSS
6,025 49.79	Santa Marta, Col.	HJ2ABJ														MTWTFSS

4.84  
5.8





BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
7.380	40.65	Mexico City	XECR														SMTWTFSS
7.520	39.89	Moscow, U. S. S. R.	RK1-2														SMTWTFSS
7.797	38.47	Geneva	H B P														SMTWTFSS
7.854	38.19	Guayacuil	HCZJSB														SMTWTFSS
7.894	38.00	San Salvador	Y S D														SMTWTFSS
8.650	34.68	Managua, Nicaragua	YN-PR														SMTWTFSS
8.664	34.62	Camaguey, Cuba	CO-1K														SMTWTFSS
8.846	33.92	Ouito, Ecuador	HC-JB														SMTWTFSS
8.870	33.81	Santiago, Cuba	CO-KC														SMTWTFSS
9.030	33.32	Habana, Cuba	CO-BZ														SMTWTFSS
9.125	32.88	Budapest	HAT-4														SMTWTFSS
9.200	32.61	Habana, Cuba	CO-BX														SMTWTFSS
9.300	32.26	Managua, Nicaragua	YN-GU														SMTWTFSS
9.330	32.15	Lima, E. Peru	OAX4J														SMTWTFSS
9.345	32.14	Geneva, Switzerland	H B L														SMTWTFSS
9.350	32.09	Habana, Cuba	CO-BC														SMTWTFSS
9.428	31.82	Habana	COGH														SMTWTFSS
9.437	31.75	Guayacuil, Ecuador	HCZODA														SMTWTFSS
9.470	31.67	Willemstad, Curacao	PJC-2														SMTWTFSS
9.480	31.65	Nadrid, Spain	E A R														SMTWTFSS
9.500	31.58	Mexico City	XE-WW														SMTWTFSS
9.501	31.58	Rio de Janeiro	PRF-5														SMTWTFSS
9.503	31.57	Melbourne	VK3ME														SMTWTFSS
9.510	31.55	London	G S B														SMTWTFSS
9.510	31.54	Bangkok, Siam	H58PJ														SMTWTFSS
9.520	31.51	Skamlebaek, Denmark	O Z F														SMTWTFSS
9.520	31.51	Guadalajara	XE-DQ														SMTWTFSS
9.520	31.51	Armenia	HJ4ABH														SMTWTFSS
9.525	31.49	Hong Kong	Z B W														SMTWTFSS
9.530	31.84	Jeloy, Norway	L K C														SMTWTFSS
9.530	31.48	Schenectady	W2XAF														SMTWTFSS
9.536	31.46	Suva, Fiji	VPD-2														SMTWTFSS
9.540	31.45	Berlin	D J N														SMTWTFSS
9.550	31.41	Veracruz, Mexico	XE-FT														SMTWTFSS
9.550	31.41	Prague, Czechoslovakia	OLR3A														SMTWTFSS
9.550	31.41	Soerabaia, Java	D B														SMTWTFSS
9.560	31.38	Berlin	D J A														SMTWTFSS
9.562	31.37	Lima, Peru	OAX4T														SMTWTFSS
9.570	31.35	Mamila, P. I.	KZ-RM														SMTWTFSS

9.40

9.42.5-0

9.48.

BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
9.570	31.35	Millis	W1-XK				6										S MTWTFSS
9.580	31.32	London	G S C														S MTWTFSS
9.580	31.32	Ica, Peru	OAX5C														S MTWTFSS
9.580	31.32	Lyndhurst	VK3LR					8 1/2									S MTWTFSS
9.590	31.28	Sydney	VK2ME					7 1/2									S MTWTFSS
9.590	31.28	Perth, Australia	VK6ME					8 1/2									S MTWTFSS
9.590	31.28	Philadelphia	W3XAU					6									S MTWTFSS
9.590	31.28	Hilversum, Holland	P C J														S MTWTFSS
9.600	31.25	Santiago	CB960														S MTWTFSS
9.600	31.25	Moscow	R A N														S MTWTFSS
9.605	31.24	Panama City	HP-5J														S MTWTFSS
9.606	31.23	Klippeuveel, S. Africa															S MTWTFSS
9.616	31.20	Cartagena, Col.	HJ1ABP														S MTWTFSS
9.630	31.15	Bucaramanga, Colom.	HJ7ABD														S MTWTFSS
9.635	31.13	Rome	I2RO3														S MTWTFSS
9.640	31.12	Montevideo, Uruguay	CXA-8														S MTWTFSS
9.642	31.11	Port-au-Prince	HH-3W														S MTWTFSS
9.650	31.09	Lisbon, Portugal	CS2WA														S MTWTFSS
9.660	31.06	Buenos Aires	L R X														S MTWTFSS
9.670	31.03	Heredia	TL-4NRH														S MTWTFSS
9.685	30.97	Guatemala City	TC-WA														S MTWTFSS
9.730	30.83	Ft. de Fr., Martinique	Seri														S MTWTFSS
9.750	30.77	Habana	CO-CQ														S MTWTFSS
9.775	30.69	Habana, Cuba	COCM														S MTWTFSS
9.800	30.61	Nanking, China	XC-0X														S MTWTFSS
9.940	30.18	Lisbon	C S W														S MTWTFSS
10.260	29.24	Bandoeng	P M N														S MTWTFSS
10.330	29.04	Brussels	O R K														S MTWTFSS
10.600	28.30	Belize, Br. Honduras	ZJK-2														S MTWTFSS
11.000	27.27	Bandoeng	P L P														S MTWTFSS
11.040	27.17	Lisbon, Portugal	C S W														S MTWTFSS
11.402	26.31	Geneva, Switzerland	H B O														S MTWTFSS

9.51

9.55

9.57-0

PRF-4

10.2

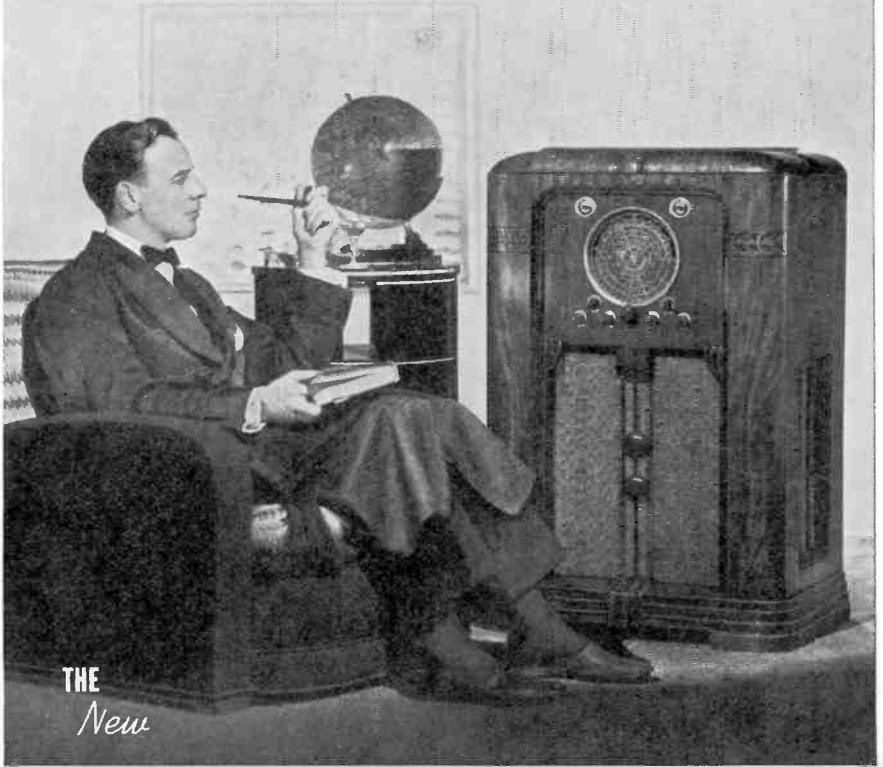
t. 09 on 31 m. band.

BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
11.435	26.23	Habana	COCX				8	8									S MTWTFSS SMTWTFSS SMTWTFSS SMTWTFSS S
11.535	26.01	Warsaw, Poland	S P D														S MTWTFSS SMTWTFSS SMTWTFSS S
11.700	25.64	Santiago, Chile	CB-1170				9										S MTWTFSS SMTWTFSS SMTWTFSS S
11.700	25.64	Panama City, R. P.	HP-5A														S MTWTFSS SMTWTFSS SMTWTFSS S
11.705	25.64	Motala, Sweden	S B P	3			6	6									S MTWTFSS SMTWTFSS SMTWTFSS S
11.710	25.62	San Salvador	Y S M														S MTWTFSS SMTWTFSS SMTWTFSS S
11.713	25.61	Paris	TPA-4														S MTWTFSS SMTWTFSS SMTWTFSS S
11.718	25.60	L. Marques, P. E. A.	CR7BH	4 1/2	5	6 1/2	7	9 1/2	10	11	12 1/2						S MTWTFSS SMTWTFSS SMTWTFSS S
11.720	25.60	Winnipeg	CJRX														S MTWTFSS SMTWTFSS SMTWTFSS S
11.730	25.58	Huizen Holland	P H I				7 1/2	9 1/2									S MTWTFSS SMTWTFSS SMTWTFSS S
11.740	25.53	London	C S D	3	5												S MTWTFSS SMTWTFSS SMTWTFSS S
11.750	25.50	Guatemala City	TGWA														S MTWTFSS SMTWTFSS SMTWTFSS S
11.760	25.45	Berlin	D W D														S MTWTFSS SMTWTFSS SMTWTFSS S
11.760	25.45	Winnipeg	WIXAL														S MTWTFSS SMTWTFSS SMTWTFSS S
11.760	25.45	London	WIXAL														S MTWTFSS SMTWTFSS SMTWTFSS S
11.800	25.42	Matanzas, Cuba	COGF				8	9									S MTWTFSS SMTWTFSS SMTWTFSS S
11.800	25.42	Tokio, Japan	WZ J														S MTWTFSS SMTWTFSS SMTWTFSS S
11.801	25.42	Vienna, Austria	OER-3														S MTWTFSS SMTWTFSS SMTWTFSS S
11.810	25.40	Rome	I2RO4				6 1/2	9									S MTWTFSS SMTWTFSS SMTWTFSS S
11.820	25.38	Hermosillo, Sonora	XE-BR				6 1/2	9									S MTWTFSS SMTWTFSS SMTWTFSS S
11.830	25.36	New York	W2-XE														S MTWTFSS SMTWTFSS SMTWTFSS S
11.840	25.34	Prague, Czechoslovakia	OLR4A														S MTWTFSS SMTWTFSS SMTWTFSS S
11.870	25.27	Pittsburgh	W8-XK														S MTWTFSS SMTWTFSS SMTWTFSS S
11.885	25.24	Paris	TPA-3														S MTWTFSS SMTWTFSS SMTWTFSS S
11.895	25.22	Aguadulce, Panama	HP-5J														S MTWTFSS SMTWTFSS SMTWTFSS S
11.900	25.21	Mexico City	XE-WI														S MTWTFSS SMTWTFSS SMTWTFSS S
11.900	25.21	Valdivia, Chile	CD-1190														S MTWTFSS SMTWTFSS SMTWTFSS S
11.924	25.16	San Jose, Costa Rica	TI-PC														S MTWTFSS SMTWTFSS SMTWTFSS S
11.960	25.08	Trujillo City, D. R.	HI-5X														S MTWTFSS SMTWTFSS SMTWTFSS S
12.005	25.00	Moscow	RN-E														S MTWTFSS SMTWTFSS SMTWTFSS S
12.235	24.52	Reykjavik	TF-J														S MTWTFSS SMTWTFSS SMTWTFSS S
13.635	22.00	Warsaw	S P W														S MTWTFSS SMTWTFSS SMTWTFSS S



*Super-Powered for*



THE  
*New*

**SCOTT** *Philharmonic*

*Clearer, Stronger Foreign Reception*

30



TUBES

## BRINGS IN THOSE WEAK HARD-TO-GET STATIONS

This new Scott Custom-Built Philharmonic is, we believe, the world's most highly perfected long distance receiver. It far surpasses all previous Long Distance World's Records, held by Scott Receivers. 30 Tubes, all operating at peak efficiency, develop tremendous perfectly controlled power. You can now tune many stations you never have heard before. Greater Sensitivity enables you to take a whisper from the far corners of the earth and amplify it to the volume of a "local."

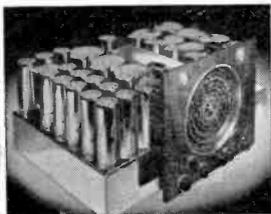
### 3.75 TO 2000 METERS

Greater Wave Length Range, 6 Bands, 3.75 to 2000 meters, gives you complete coverage of practically everything on the air. Every point on the dial is filled with powerful, superb-toned reception. "Years ahead" in design... it will receive Television Sound Broadcasts. The secret of this new Scott Philharmonic's amazing performance lies in its 8 New Features

(patents applied for), which permit you to locate and bring in those far away, weak, hard-to-get stations that are seldom heard on other receivers.

### CUSTOM-BUILT TO ORDER

The Scott Philharmonic is not an ordinary radio. It is Custom-Built by hand to suit receiving conditions in your locality. Constructed with the precision of a fine watch. Incorporates every modern improvement of radio science. The Philharmonic is the only Radio Receiver, we believe, that will perfectly reproduce the entire tonal range of the human ear (30 to 16,000 cycles). Every tone from the very lowest to the highest is captured with an uncanny realism that seems to bring you into the very presence of the musical rendition. Guaranteed 5 years. Fifteen cabinets by master designers await your choice.



**FREE DETAILS • MAIL THE COUPON NOW!**

**E. H. SCOTT RADIO LABORATORIES, INC.**  
4491 N. Ravenswood Ave., Dept. 44K7, Chicago, U. S. A.  
Please send details about the new Scott Philharmonic. (No dealers. Sold only direct from Scott Laboratories in New York, Chicago, Los Angeles. 30-day free trial).

Name \_\_\_\_\_

Address \_\_\_\_\_

**LOOKING FORWARD**

Next month the winner of the Membership Contest will be announced. Closing date: December 10. Prize: Sky Pilot World Time Clock donated by Mr. Philip Cass QRC 478 of Pennsylvania. The names of all members introduced, and those credited with introducing them, will be published.

Month after next the QRC receiver list will again be published. All members—and every subscriber to the REPORTER automatically becomes a QRC member—are requested to advise the QRC of the make and model of their receiver, or in the event of owning more than one, the favorite.

The concluding installment of the F. B. Log is published in this issue. In future, other features will be expanded and snapshots of members published instead. Clear photos of members are welcome. Let's get acquainted!

To make room for the addition of new stations to the Broadcast Schedule, the less frequently heard of the older stations have had each month to be weeded out. In future this overflow will be cared for by their transfer to the Station Data section. Redundant though a repetition of schedule be, readers may thus be saved the need to refer elsewhere for this information. We hope you'll like it.

**STATION DATA**

In this issue the Station Data section will be found replete with detail, but listeners are reminded that only a third of this section is published each month.

**MOZAMBIQUE**

CR7AA Lourenco Marques 300 w 6.137 & CR7BH 11.718 (o) "Maria da Fonte" March. (s) "A Portuguesa" National Anthem. Announcements in Portuguese and English by a lady and two gentlemen. Dr. Antonio de Sousa Neves, Director. Radio Club de Mocambique, Owner. Studios: Avenida da Republica. Caixa Postal 594.

5---7 10-----4 S  
4½--6½ 9½--11 12½-----4 MTWTFS

**NETHERLANDS**

PCJ Hilversum 9.590, 15.220, PHI 17.770 (s) "William of Nassau," National Anthem. Chief Announcer: Edward Startz. Second Announcer: L. G. Wybrands. Owned by N. V. Philips' Omroep Holland-Indie of Eindhoven, Emmasingel 29. Address: Phohi Studios, Hilversum, Jan v. d. Heydenstraat 41.

**NETHERLAND EAST INDIES**

PMY Bandoeng 1 kw 5.138 (o) "Fideles Munchen" Military March. (i) Song on Chimes "No Money and No Sorrows." (s) "Auf wiedersehen, my dear." C. Reids Leegsma, Chief Announcer. J. G. Prins, President. Bandoengsche Radio Vereeniging, Owner. Studios: Nillmy Building, Aloon Aloon. Postal Address: Dagoweg 101.

5.138 4-----10½ 5½-----11½ 12½--2½ SMTWTFS

PLP Bandoeng 1.5 kw 11.000; PMH Bandoeng 1.5 kw 6.720; YDB Soerabaia 1 kw 9.610 & 15.300; PMN Bandoeng 1.5 kw 10.260; YDC Bandoeng 1.5 kw 15.150—approximately in the order of their signal strength in North America. (s) "Sing as We Go" (morning session, Java time, not audible in U. S.). (s) "End of a Perfect Day" (evening session—morning in U. S.). The Netherlands Indies Broadcasting Co., Ltd., (NI-ROM), Batavia-Centrum, Koningsplein West 5, Java.

11.000	4 $\frac{1}{2}$ -----10	6-7 $\frac{3}{4}$	10 $\frac{1}{2}$ -----2	SMTWTFS
10.260	5 $\frac{1}{2}$ -----11	6-7 $\frac{3}{4}$	10 $\frac{1}{2}$ -----2	SMTWTFS

**NETHERLAND WEST INDIES**

PJC-1 "CUROM" Korte Golf Zender, Willemstad, Curacao 150 w 5.930, PJC-2 9.470 (s) "William of Nassau" Netherlands National Anthem. Local time 24 minutes ahead of EST. Government Station leased to Curacaoische Vereeniging (Curacao Radio Club) and operated by subscriptions paid by members. P. Maduro, Announcer. D. Molinhamp, Director of Radio and Telephone Services, Lands Radio-en Telefondienst.

**NICARAGUA**

YNAM "La Voz del Pacifico," Managua, D. N., 7.200.

YNIGG "La Voz de los Lagos," Managua, D. N., 6.533. Raul Gutierrez U. & Co., Ltd., Owners.

YN-GU "Alma Nica," Managua, D. N., 50 w 9.300 (o) "The Sesqui-Centennial Exposition March." Newspaper of the Air (s) "The Rosary." Director's Chat 5:30 p. m. EST (o) "Amar sin Esperanza." (i) One Stroke of a Gong. (s) Nicaraguan National Anthem. Br. Jorge Montealegre Callejas, Announcer. R. Ernesto Gutierrez U., Technical Engineer. Srita. Matilde Haydee Diaz, Owner & Operator. Studios: Photographic Studio of A. Diaz F. & Daughters on Calle 15 de Septiembre. Apartado 295. Veries via QRC

YNLF "La Voz de Nicaragua," Managua, D. N., 1 kw 7.600, 9.650. Empresa LeFranc, Owners. Calle 15 de Septiembre, No. 206.

YN-LG "Ruben Dario," Managua, D. N., 1 kw 6.325 (o) "General Marcelo Caraveo," March opening with Bugle Call thrice. Morning and Afternoon Sessions: (s) "Till We Meet Again," Waltz. Evening Session: (s) "Good Night, Ladies," Medley Waltz. Benjamin Guerra (Chief), Cesar Guerra and Francisco Chirip, Announcers. Benjamin J. Guerra L., Technical Director & Manager. Benjamin J. Guerra & Constantino Lacayo Ltda., Owners. Studios: 5a Calle Noroeste No. 207. Veries via QRC.

YNOP Radiodifusora "Bayer," Managua, D. N., 1 kw 5.758. Ernesto H. Andreas, Technical Director. Edmundo Tefel, Manager. (For veries send unused U. S. 3 cent stamp, as IRC invalid in Nicaragua.)

YNPR "La Voz del Radio Pilot," Managua, D. N. 500 w 8.650. Relays YNPR 630. A. Majewsky, Mgr. Rodolfo Sengelmann, Owner.

**NORWAY**

LKC "Norwegian State Short Wave Broadcasting Station," Jelyo 10 35 46 E. 59 26 12 N., 1 kw 9.530 & LKJ 1 kw 6.130 relays Norwegian National Program from Oslo. (i) 6 notes, "Hallo, Oslo." (s) National Anthem, "Ja, vi elsker" (Yes, We Love This Country) and motif from Grieg's "Sigurd Jorsalfar." Men announcers. Olav Midttun, Program Director. Government Station. Studios: Norsk Rikskringkasting, Stortingsgaten 28, Oslo. Address for Listeners' Reports: Administration des Telegraphes, Oslo.

**PANAMA**

HP5A "Radio-Teatro Estrella de Panama," (Star & Herald Radio Theatre) Panama City 300 w 11.700 (s) "Anvil Chorus." Brandon Eisenman, Announcer. Alfredo Graziani, Art Director. J. A. Sosa M., Technical Director. A. Villegas Arango, Manager. Radio-Teatro, S. A., Owners. Studios: Avenida Sur No. 8. Apartado 954.

HP5B "Estacion Miramar," Panama City 200 w 6.030 relays HP5C 100 w 730 kc (o) March "Panama." (s) "Good Night Melody." Urbano Vengoechea and Sta. Maria Vidal, Announcers. Guillermo Endara P., Manager & Director. Radio Panama, S. A., Owner. Studios: Club Miramar, Bella Vista. Apartado 910.

10<sub>3</sub>-----2      5-----10      SMTWTFs

HP5F "La Voz de Colon," Colon 6.080. Manuel D. Joly E., Commercial Agent. Servicio Publico de Radio, S. A., Owner. Address: Carlton Hotel. P. O. Box 405.

HP5H Radio "Panama-America," Panama City 6.125. Apartado 1045.

HP5I "La Voz del Interior," Aguadulce 50 w 11.895 (s) "El Tambor de la Alegria" (The Drum of Joy). (i) Gong—3 strokes thrice on hour and half-hour. Francisco Cebamanca, Announcer. T. Fogarty, Secretary, English Section. G. J. Ecker, Treasurer. Alejandro de Boutaud, Manager & Director. Studios: Plaza Principal. P. O. Box 24.

HP5J "La Voz de Panama," Panama City 160 w 9.590 (variable). Manuel Diaz Doce, Manager. G. Williams, News Commentator, Box 34. Servicio Publico de Radio, S. A., Owner. Caja Postal 867.

HP5K "La Voz de la Victor," Colon 6.005 relays HP5O 1,440. (s) "La Viuda Alegre" (Merry Widow Waltz). Jose Jaen y Jaen & Cia. Ltda., Owners. Apartado 33.

HP5L "Las Ondas del Baru," David, Chiriqui Prov. 350 w 11.740. Leo Marchosky, Mgr. Apartado 129.

**PARAGUAY**

ZP-14 "Radio Cultural," Villarrica 5 kw 6.030 relays ZP-4 "Radio Nacional," Asuncion.

4-----7      MTWTF  
12-----4      S      S

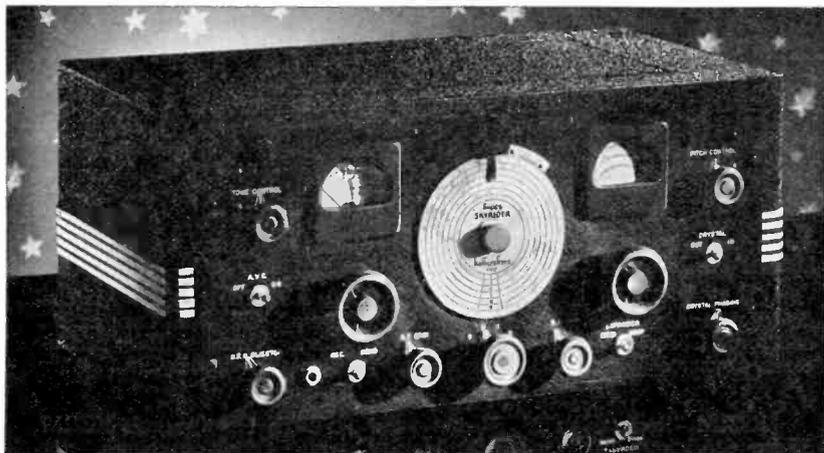
**PERU**

OAXIA "Radio Delcar," Chiclayo 300 w 6.335 (s) Ted Lewis' "Good Night Melody" followed by Peruvian National Anthem with vocal chorus. J. Carlos Montjoy D., Owner. Casilla No. 9.

OAX4D "La Voz del Peru," Lima 5.780. Relay of Dusa Broadcasting Company program temporarily discontinued. (s) Morse signal modulated at 1,000 c. p. s. L. N. Anderson, Manager. All America Cables, Inc., Owners. Casilla 2336.

OAX4G "Radio Grellaud" (pronounced: Radio Graylo) Lima 400 w 6.300 (s) "Goodnight Melody." (i) None. Ernesto Dulude, Announcer. Robert Grellaud, Owner & Operator. Studios: Avda. Abancay 915-923. Apartado 2213.

OAX4J "La Voz de Lima," Lima 500 w 9.330 relays OAX4I 1 kw 1,100 (o) "Broadway Rhythm." (i) 3 chimes. (s) "Good Night, Sweetheart." Announcements: Spanish, French and English. Antonio P. Vazquez P., Managing Director. Jorge Aprile, Manager. Radio Internacional, Inc., Owners. Studios: Minería Building, sixth floor. Casilla 1166.



## WHAT IS A *Communications Receiver?*

**I**T'S more than just a "short wave" receiver! A communications receiver is primarily designed for efficient "high frequency" reception—a rugged, "scientific," precision-built job designed to operate at high efficiency under adverse conditions and in emergencies.

Who can design such receivers? Obviously the engineers who use them as their own hobby—and **know** what they should be.

Such men predominate in the Hallicrafters' organization. Here is a group of engineers who have been actively interested in radio since the days of spark transmitters and crystal detectors.

Today they are building fine communications receivers, putting into them all the enthusiasm and craftsmanship they lavish upon their personal equipment.

When you purchase a Hallicrafters receiver you are not only buying a fine precision-built instrument, but the product of a group of engineers whose pride and life work are represented in that receiver.

**Ask Your Dealer About The Hallicrafters' Time Payment Plan!**

Send for Illustrated  
Booklet completely  
describing the New  
1938 Super Sky  
Rider

the hallicrafters inc.  
2611 INDIANA AVE., CHICAGO, ILL.  
Cable Address, — "Hallicraft" Chicago

**"America's Leading Manufacturer of Communications Receivers"**

OAX4P "Radio Huancayo," Huancayo 5.975. Apartado 187.

OAX4Z "Estacion Radio Nacional del Peru," Lima (San Miguel) 10 kw 6.082 & OAX4T 10 kw 9.562 OAX4A 10 kw 854 kc (s) "Peruvian National Anthem" with vocal chorus. Veries signed: "H. R. Waters." Studios: Av. Petit Thouars 447.

OAX5C "Radio Universal," Ica 9.580 (s) "Estrellita" by Manuel A. Ponce, followed by Peruvian National Anthem with vocal chorus. J. A. Umbert F., Owner & Operator. Studios: Avenida San Luis.

OAX6A "Radio Arequipa," Arequipa 100 w 6.122 (o) "La Marcha de los Marineros." (s) "Himno Nacional del Peru." Eduardo Caceres B., and Jorge Caceres B., Announcers. Alberto Malaga, Manager. Edo. L. Caceres, Owner & Director. Studios: Munoz Najar 141. Casilla 293.

#### PHILIPPINES

KZRM "Radio Manila," Manila 1 kw 9.570 or 11,840 relays KZRM 35 kw 618.5 kc/s (s) "Goodnight Melody" with "Taps" on chimes. (i) 3 Chimes. Announcements in English, Spanish and Tagalog. Thos. R. Worthen, Manager. Erlanger & Galinger, Inc., Owners & Operators.

4-----10  
5-----9

4 3/4--6

5  
MTWTF5

#### POLAND

SPD Polskie Radio, Warsaw (Babice) 2 kw 11.535 & SPW 10 kw 13.635. T. Strzetelski, Press Service Manager. Polskie Radio, S. A., Warszawa, Mazowiecka 5, Poland.

#### PORTUGAL

CSW "Estacao de ondas curtas de Emissora Nacional," Lisbon 10 kw 9.940, 11.040 (s) A "Portuguesa," National Anthem. Aurea Rodrigues, Maria Rezende, Fernando Pessa, Olavo d'Eca Leal, Announcers. Manuel Bivar, Chief Engineer. Captain Henrique Galvao, Director. Government Station under direction of Ministry of Public Works & Communications. Studios: Rua do Quelhas 2.

CS2WA "Radio Colonial," Lisbon 2 kw 9.650 (o) "Feno de Portugal," March by Cruz and Souza. (s) "A Portuguesa," National Anthem. (i) Cuckoo call thrice. Joao de Melo, Announcer. Abilio Nunes dos Santos, Jr., Owner. Av. Antonio Augusto d'Aguilar, 136.

"Radio Renascenca" or "Emissora Catolica Portuguesa," Lisbon 2.5 kw 5.977. No call letters used. (s) "Hymn to Our Lady de Fatima." (i) None. Sister Laurinda and others, announcers. Father Lopes da Cruz, Director. "Renascenca," a Catholic publication, Owner. Rua Capelo No. 5.

#### SALVADOR

YSD "Radio Nacional," San Salvador (Cuscatlan) Republica de El Salvador 7.894, YSH 9.520, YSM 11.710. Victor M. Escobar, Director General de Telefonos y Radio Nacionales.

11.710 YSM  
7.894 YSD

1---3

7-----11

SMTWTF5  
SMTWTF5

#### SIAM

HS8PJ Bangkok (Saladeng) 5 kw 9.510, 19.020. Interval Signal: 3 chimes in ascending scale. Government Station. Lt. Col. Phra Aramronajit, Superintending Engineer of Radio Section, Post & Telegraph Dept. Address: Experimental Shortwave Broadcasting Station HS8PJ, Bangkok.

**SPAIN**

EAQ "The Voice of Spain," Madrid (Aranjuez) 20 kw 9.860 & EAR 9.480. Transradio Espanola, S. A., Apartado 951.

**SPANISH MOROCCO**

EA9AH "La Estacion Experimental Nacionalista de la Rueda del Oeste," Tetuan 500 w 14.004. Pro-Franco war news in Spanish and English. Fernando Diaz Gomez, Owner & Operator. Apartado 124.

"Radio Guardia Civil," Tetuan 200 w near 6.590 (o) "Himno Jalifiano." (i) Gong. Concluding words: "Saludo a Franco! Arriba Espana!" (s) "Marcha Granadera" (National Anthem). Brigada, Lorenzo Gomez Benitez, Announcer & Director. The Spanish Nationalist State, Owner. Studios: Plaza de Espana (Tetuan). Address: Radio Guardia Civil.

**STRAITS SETTLEMENTS MALAYA**

ZHJ Penang 49 w 6.080 Daily 6:40-8:40 a. m. EST. Time 7 hours 20 minutes ahead of GMT. Penang Wireless Society, Owner. T. A. Crossley, Asst. Hon. Secretary. 40, Perak Road, Penang, S. S. Malaya.

**SWEDEN**

SBO "Motala Rundradiostation" (Motala Broadcasting Station) Motala 15 02 40 E 58 32 50 N 750 w 6.065 & SBP 11.705. (i); None. Government Station under the direction of The Royal Board of Swedish Telegraphs, Stockholm. Address reports to Motala.

11.705 SBP 6-----9 11-----4 1 1/2 MTWTF S  
6-----4 1 1/2

SM5SX "Experimental Short Wave Station," Stockholm 400 w 15.155. Uses neither interval signal nor musical signature. Royal Technical University (Kungl. Tekniska Hogskolan).

**SWITZERLAND**

"Radio-Suisse—Radio-Nations," Geneva HBH 18.480, HBF 18.450, HBJ 14.535, HBO 11.402, HBL 9.595, 9.345, HBP 7.797, HBQ 6.675. C. H. Calame, Chief of the Wireless Service. Address reports on League of Nations Bulletin broadcasts to Information Section, League of Nations, Geneva. For other broadcasts address: Radio-Suisse, Quai de la Poste, 12, Geneva. If verification desired, send IRC.

**TAHITI**

FO8AA Radio Club Oceanien, Papeete 200 w 7.100 (s) Opening "La Marseillaise," closing "Aloha Oe" or "Farewell to Thee." Alfred T. Doroi, President.

7.100 FO8AA 11-12 T F

**UNION OF SOUTH AFRICA**

Johannesburg (Klipheuvcl) 5 kw 6.097, 9.606 (s) "Die Stem van Suid Afrika" and "God Save the King." Chimes 7 a. m. at midnight EST. Bugle Call opens and closes midnight EST session. African Broadcasting Co., Ltd., Box 4559.

**UNION OF SOVIET SOCIALIST REPUBLICS**

RV-15 Khabarovsk 4.245. Rowena Meyer, Editor, Radio Committee, Khabarovsk, U.S.S.R.

Moscow (s) "Internationale." Inna Marr, Chief Editor, Radio Center, Solianka 12, Moscow, U.S.S.R.

9.600 RAN 7.520 RK1-2 7---9 1/4 SMTWTF S  
12.000 RNE 10 1/4-- SMTWTF S

## UNITED STATES OF AMERICA

W1XAL "Dedicated to Enlightenment," Boston, Mass. 20 kw 6.040, 11.790, 15.250, 21.460 (o) First six notes of Star Spangled Banner. (s) "Star Spangled Banner." Ruth Stanford, Station Secretary. World Wide Broadcasting Foundation, Owner. Walter S. Lemmon, President. University Club, 40 Trinity Place.

W1XK Millis, Mass. 10 kw 9.570 relays WBZ Boston (s) "Stars and Stripes Forever." Dwight A. Myer, Plant Manager. Westinghouse Electric & Mfg. Co., Owners. Hotel Bradford, Boston, Mass.

W2XAD "The Voice of Electricity," Schenectady, N. Y., 18 kw 15.330 & W2XAF 25 kw 9.530 (o) "Stars and Stripes Forever" followed by three crashes of 10 million volt artificial lightning. (i) Chimes G-E-C. (s) "Star Spangled Banner." E. S. Darlington, In Charge, Short-Wave Broadcasting. General Electric Co., Owner. 1 River Road.

W2XE New York, N. Y. (Wayne, N. J.) 10 kw 6.120, 11.830, 15.270, 17.760, 21.520 (o) Carrier on air 15 minutes before sign-on: 10 minutes of carrier, 5 minutes of music box. Station identification in English, French, German, Spanish. (s) "Star Spangled Banner." Miss E. A. Tucker, Director of Programs. A. B. Chamberlain, Chief Engineer. Columbia Broadcasting System, Inc., Owners & Operators. Studios: 485 Madison Av.

21.520 W2XE	8-----1	S	S
15.270 W2XE	7½-----10	MTWTF	S
11.830 W2XE	2½-----5	S	S
	1-----4	MTWTF	S
17.760 W2XE	5½-6	S	S
	4½-6	MTWTF	S
	6½-----12	SMTWTF	S

W3XAL Bound Brook, N. J. 12-15 kw 17.780, 25-30 kw 6.100 relays WJZ (s) "Star Spangled Banner." (i) 3 chimes. Address: Audience Mail, National Broadcasting Co., Inc., RCA Building, 30 Rockefeller Plaza, New York, N. Y.

W3XAU Philadelphia (Newtown Square) Pa. 10 kw 6.060, 9.590, relays WCAU. J. G. Leitch, Technical Supervisor. WCAU Broadcasting Co., 1622 Chestnut St., Philadelphia, Pa.

W4XB Miami Beach (Collins Island in Biscayne Bay) Fla., 5 kw 6.040 relays WIOD. Milton C. Scott, Jr., Chief Engr. Hal I. Leyshon, Mgr. Isle of Dreams Broadcasting Corp., Owner. 600 Biscayne Blvd., Miami.

W8XAL Cincinnati (Mason) Ohio 10 kw 6.060 & 9.590 relays WLW 700 (s) "Star Spangled Banner." R. J. Rockwell, Technical Supervisor. The Crosley Radio Corporation, Owner, 1329 Arlington Street. (9.590 kcs not now being used. New transmitter being constructed for this frequency.)

W8XK Pittsburgh (Saxonburg) Pa. 40 kw 6.140, 11.870, 15.210, 21.540 & W8XKA 50 w 31.600 (s) "Stars and Stripes Forever." J. E. Baudino, Plant Manager. Westinghouse Electric & Mfg. Co., Owner. Grant Building, 310 Grant Street.

W9XF Chicago (Downers Grove) Ill. 10 kw 6.100 Associated with WENR, whose slogan is "The Voice of Service." (s) "Star Spangled Banner," National Anthem. (i) Regular NBC 3 Chimes. Identification in Russian, Spanish, Japanese, French, Swedish, Italian, German and English. T. E. Schreyer, Operating Supervisor. Owned, Managed and Operated by National Broadcasting Co., Inc. For veries: Audience Mail, N. B. C., Merchandise Mart, Chicago, Ill.

## URUGUAY

CXA-2 Montevideo (Carrasco) 5 kw 6,000 relays LS2 "Radio Prieto" and others (o) "Volunteer Trumpeter." (s) "Goodnight Melody." Ernesto Racine, Co-owner. Continental Radio Publicity Co., Owners. Plant: Camino Carrasco 5151. Studios: Calle Juan Carlos Gomez 1431.

CXA-4 Montevideo 6.125. Hector M. Laborde, Manager. Government Station under the direction of Servicio Oficial de Difusion Radio Electrica. Studios: Calle Mercedes 823.

## VATICAN CITY STATE

HVJ "Radio Vaticano," Vatican City 50 kw 6,030, 9,550, 11,740, 15,120. Characteristics: Ticking of clock for five minutes preceding transmissions—Chimes of St. Peter on the hour—Initial and final words: "Laudeatur Jesus Christus." Address: Stazione Radio, Governatorato, Stato della Citta del Vaticano.

## VENEZUELA

YV1RB "Ecos del Zulia," Maracaibo (Las Delicias) State of Zulia 300 w 5,850 relays YV1RA 120 w 1,300 kc/s (s) "Strike Up the Band." (i) Gong. Antonio Espinoza, Elbano Parada, Alirio Ximenez, Salvador Llamas, Announcers. Manuel A. Arraez, Technician. L. Garcia Nebot, Director & Co-Owner. Juan Suarez Castro, Manager & Co-Owner. Studios: Calle Zamora esq. a Vargas. Apartado 37.

YV1RD "Radiodifusora Maracaibo," Maracaibo (ex YV7RMO) 6,070, relays YV1RE, 1,153. Luis Mantellini, Jr., Owner. Apartado 100.

YV1RG "Radio Valera," Valera (Santa Barbara) State of Trujillo 500 w 6,230 (s) "Marcha Radio Valera." Elias Barrios A. and Alberto Isaac, Announcers. Pedro Febres Jelambi, Manager. Jorge Febres Jelambi, Owner. Avenida Bolivar No. 56.

YV1RH "Ondas del Lago," Maracaibo (La Arriaga) 350 w 6,360 relays YV1RF 350 w 1,120 (s) "Er weicht der Sonne nicht!" (i) Measure from "Jealousy." "Emisora Philco, etc.," is the advertisement of a commercial house. Luis G. Rosales, Luis G. Govea, N. Vale Quintero and G. Nouel, Announcers. G. Nouel, Technical Director. Nicolas Vale Quintero, Owner. Apartado 261.

YV1RI "Radio Coro," Coro, State of Falcon 250 w 6,210 (s) "Los Tres Colores" (The Tricolor) March. (i) 4 Marimba Notes. Gonzalo Marquez Yanez, Announcer. Eugenio Grand, Manager. Roger Leyba, Owner & Director. Studios: Urbina Building, Commerce Street.

YV1RL "Radio Popular," Maracaibo (Sabaneta Larga) Estado Zulia 300 w 5,930 relays YV1RK 250 w 1,250 kc/s (s) "Marcha del Emblema Nacional" (National Emblem March). (i) 4 Chimes. Maracaibo time 13' 16" ahead of EST. Rafael Rivera, Jorge Asprino, Jose Alvarado, Julio Cesar Borges, Juan Pablo Parodi Granes, Alirio Garcia M., Announcers. Rafael Rivera Parra, Director. Jose A. Higuera M., Owner and Technician. Offices: Bolivar 26, Altos. Studios: Registro 31, Altos. Apartado 347.

YV2RA "La Voz del Tachira," San Cristobal, State of Tachira, 1 kw 5,755 relays YV2RB 1 kw 980 kc (s) "El Capitan," Sousa March. (i) Marimba. San Cristobal time 11 minutes ahead of EST. Vicente Morales, Announcer. Juan Agustin Chacon, Director. Jesus M. Diaz Gonzalez, Owner & Operator. Studios: Octava de Barbula No. 41. Apartado 37.

YV3RA "La Voz de Lara," Barquisimeto (Santa Rosa), State of Lara 5,880 relays YV3RC 1273 kc (s) "Marcha del Rey Don Carlos" (King Charles March). Sigala & Ramos, Owners.

YV4RB "La Voz de Carabobo," Valencia, State of Carabobo 500 w 6.520. Guillermo Degwitz, Owner.

YV4RD "La Voz de Aragua," Maracay, State of Aragua, 6.300, YV4RG 1,150 (s) "El Aragueno," a typical Venezuelan joropo composed by Manuel Briceno. Station identification on quarter hour with background music. O. Paz Castillo, Director. Oscar Croquer, Manager.

YV4RH Valencia 5.910.

YV5RC "Radio Caracas," Caracas (Las Barrancas) 1 kw 5.800 relays YV5RA 5 kw 960 kc/s (s) March "Radio Caracas." (i) 4 Chimes. Domingo Hurtado, Alberto Oyarzabal, Leon Bravo, Francisco Fossa Andersen, Carlos Fernandez, Announcers. Alcides Toro, Sub-Director. Ricardo Espina, Manager & Director. C. A. Almacen Americano, Owners. Studios: Pajaritos a La Palma. Apartado 2009.

YV5RD "Radiodifusora Venezuela," Caracas 2.5 kw 6.158 relays YV5RB 5 kw 1,200 (s) "Unidos para Siempre," March. Hermann Degwitz Director. Gerardo Siblesz, Manager. Degwitz & Siblesz, Owners. Plant: Las Barrancas, 3 miles from Caracas. Studios: Interior del Pasaje Ramella.

10 $\frac{1}{2}$ -----1 $\frac{1}{2}$  3 $\frac{1}{2}$ -----10 $\frac{1}{2}$  SMTWTFS

YV5RF "Ecos del Caribe," Caracas 6.375 relays YV5RE 1,100. Veries signed "R. Vargas." Apartado 983.

YV5RH Emisora "Ondas Populares," Caracas (ex YV9RC) 6.400, relays YV5RG 1,010. Studios & Tx: Los Jardines-El Valle (Valley Gardens) in downtown Caracas. Gonzalo Veloz Mancera, Owner & Operator. Apartado 1931.

YV5RJ "La Voz de la Esfera," Caracas 6.250 relays YV5RI 1370.

YV5RP "La Voz de la Philco," Caracas 5 kw 6.270 relays YV5RQ 882 kc (s) "Schubert & Clarinada Military March." E. Vera F., E. Navas, J. G. Hurtado, G. Prohano, E. Salvador, Announcers. Augusto Brandt & Nicolas Delmare, Art Directors. Azael de La Lastra & Rafael Ramirez, Directors. Victor M. Soto, Owner. Studios: San Francisco a Pajaritos 31, altos. Apartado 508.

YV6RB "Ecos del Orinoco," Ciudad Bolivar, State of Bolivar 200 w 6.545 relays YV6RA 200 w 1,400 kc/s (s) One Step "Sin Nombre." (i) Bell. Antonio Jose Rivas, Ivan Esquere, Maria Elena Benigni, Arnoldo Gomez, Raquel Torres, Announcers. Jose Rafael Guacaipuro Guariguata, Technician. Jose Miguel Otero, Manager. Enrique Torres Valencia, Owner & Director. Offices: Calle Bolivar No. 32. Studios & Plant: Paseo 5 de Julio No. 7. Apartado 34.

YV6RC "Radio Bolivar," (Emisora guayanesa) Ciudad Bolivar (Orinoco River) 300 w 6.420 (s) "Marcha Venezuela." (i) Gong. Pedro Reyes, Francisco Verde, Antonio J. Setillo and Alejandro Ruiz. Announcers. Jose Francisco Miranda G., Manager. Miranda & Beherens, Owners. Plant: Zona de Ensanche. Studios: Calle Amor Patrio 337. Offices: Calle Orinoco.

#### YUGOSLAVIA

YUA "Yugoslav Short Wave Radio Station," Belgrade 1 kw 6.100 (s) National melody played on flute. English announcements by lady. Government Station under direction of Central Press Bureau. Dr. Kosta Lukovitch, Director. Stoyan Bralovitch, Manager. Address: No. 16 Milosha Velikog.

6.100 49.18 7.8 $\frac{1}{2}$  1-----6 $\frac{1}{2}$  12 $\frac{1}{2}$ --2 $\frac{1}{2}$  SMTWTFS

*For the First Time!* **Complete**  
**RCA ANTENNA**  
**FOR ONLY \$395**

Here's a Performance Ace  
 At a Price Everyone Can Afford  
 Tell Your Customers About It!

HERE'S the new RCA 395 Antenna System! Comes completely assembled and soldered. Kit contains 2 20-ft. antenna wire coils, 2 strain insulators, 1 45-ft. transmission line, 1 junction box, 1 receiver coupling unit, 2 coupling unit links, 2 nail-on knob insulators, 1 ground clamp and 1 instruction sheet. Stock No. 395. List price only \$3.95.

*For Radio Tubes it pays to go  
 "RCA ALL THE WAY"  
 First in Metal—Foremost in Glass  
 Finest in Tone*

Listen to the "Magic Key" every  
 Sunday 2 to 3 p. m., E.S.T.  
 on NBC Blue Network



**Check These Features!**

- Factory-assembled
  - No soldering
  - Easily installed—40-ft. span
  - Wide frequency range—140 to 23,000 kilocycles
  - Doublet type—efficient pickup
- For Use With All Receivers*



*for Amateur Radio*

AMATEUR RADIO SECTION

RCA MANUFACTURING CO., INC., Camden, N. J. • A Service of the Radio Corporation of America











## VERI ASSURANCE

Writing for verifications is fun, provided you get them; but, to send reply coupons without getting a reply "burns us up." Voicing the listeners' sentiment, a member has said he would not mind the expense of a coupon if certain of getting his verification. All who have used coupons know to their sorrow that no such assurance is afforded. There is but one thing certain about them and it is that they cost nine cents.

Outside the United States, private shortwave broadcasting stations are usually commercial enterprises and must keep an eye on their operating expenses. Unless they have requested the reports, they should not be censured for failure to verify at their own expense. It is not always possible for listeners to distinguish between stations except by the costly trial and error method. To protect listeners from loss, the QRC has obtained absolute assurance of the stations listed below that all correct reports received via the QRC will be verified. These we list as "dime veri" stations because, instead of reply coupons, we offer to send them the cash.

### DIME VERI STATIONS

4.841 HJ3ABD Bogota, Colombia	Roberto Ramirez, Gerente
5.755 YV2RA San Cristobal, Ven.	Jesus M. Diaz G., Propietario
5.850 YV1RB Maracaibo, Ven.	Juan Suarez C., Manager
5.885 HI-9B Santiago, Rep. Dom.	J. L. Sanchez, Jr., Director
6.015 HI-3U Santiago, Rep. Dom.	Moises Franco Franco, Director
6.030 XE-BQ Mazatlan, Mexico	Alejandro A. Schober, Gerente
6.085 HJ5ABD Cali, Colombia	Jorge E. Rivas, Gerente
6.122 HJ3ABX Bogota, Colombia	C. Rios Hoyos, Gerente
6.150 HI-5N Moca, Rep. Dom.	J. B. Curiel, Propietario
6.206 HI-8Q Trujillo City, D. R.	Julio O. Garcia Alardo, Owner
6.243 H I N Trujillo City, D. R.	Ernesto Soler, Director
6.360 YV1RH Maracaibo, Ven.	G. Nouel, Director Tecnico
6.610 YN-LG Managua, Nica.	Benjamin J. Guerra L., Manager
6.630 H I T Ciudad Trujillo, D. R.	F. A. Sanabia, Manager
6.668 HC2RL Guayaquil, Ecuador	Dr. Roberto Levi, Manager
9.300 YN-GU Managua, Nicaragua	Miss Matilde Haydee Diaz, Dir
9.330 OAX4J Lima, Peru	Antonio Vazquez P., Gerente
9.500 H J U Buenaventura, Col.	Alberto Pinzon Neira, Gerente
9.520 XE-DQ Guadalajara, Mex.	Mario E. Bozzano, Manager
9.550 XE-FT Veracruz, Mexico	Jose Rodriguez Lopez, Gerente
9.580 OAX5C Ica, Peru	J. A. Umberto F., Owner
11.700 HP5A Panama City	A. Villegas Arango, Manager
11.700 CB-1170 Santiago, Chile	Luis M. Desmaras, Gerente
15.440 XE-BM Mazatlan, Mexico	Jose F. Azcona, Gerente

(See Inside Front Cover)



10 CENTS

JANUARY

# SHORT WAVE REPORTER



BROADCAST SCHEDULES  
OFFICIAL IDENTIFICATION AIDS  
NEW STATIONS AND STATION NEWS



## ROLLING OFF A LOG

There is pleasure in logging new stations for it is not unlike a game. The pleasure is intensified—it is more exciting and alluring—if a score be kept for the spirit of contest then enters into the game. With this thought in mind, the QRC devised a plan which embraces all the enjoyable features of a contest, inclusive of prizes, but is distinctly not a contest for it is devoid of chance. You are absolutely certain of winning your prize, and as many of them as you may care to win. There are no losers. Using QRC forms, obtainable at 90 for 9 cents, post-paid, the object is to log 30 different shortwave *broadcast* stations, 10 times each—a total of 300 reports. This entitles you to a prize valued not in excess of 75 cents, such as a National Geographic Society map, on linen, or, for instance, you may add 50 cents and receive an Amateur Call Book. For each additional 30 stations logged ten times, you may select an additional prize.

Listeners tune when, as and if they like, there being no appointed time. While enjoying yourself, you perform a useful and valued service for these reports are desired by the stations in order to improve your entertainment. Only reports on shortwave *broadcast* stations are admissible, however; not commercial phone, special service nor amateurs, and at least an hour should elapse before again reporting the same station. In order that you may accomplish the greatest good with the least effort, and for uniformity and convenience in handling, the QRC supplies mimeo forms as illustrated below. Each report should be accompanied by a half cent, of which a quarter cent is for forwarding postage and the remainder for the prize to be received upon completing your 30 stations. This is known as the Connoisseur Plan.

### QUIXOTE RADIO CLUB

Station:		QRC No.
Date:		
Hour:		
Log:		
Intensity—R	Fading—QSB	Overall Merit
Modulation QSA	Slow Shallow	Excellent
Interference QRM	Rapid Shallow	Good
Atmospherics QRN	Slow Deep	Fair
Receiver:	Rapid Deep	Poor

Observer:

Locality:

(See Inside Back Cover)

# Short Wave Reporter



## HEAR RIO!

Listeners from coast to coast may now tune in Brazilian musical programs affording a high degree of entertainment value. Reception on the east coast is favored by earlier darkness and possibly by the fact that the station may be beamed on New York, while on the west coast peak reception may be enjoyed only for a brief half hour after sundown. Here the carrier is slightly tremulous, probably due to the beam effect, since LRX Buenos Aires 9,660 kc reaches the coast at the same time with no perceptible fade whatsoever. Quality is unimpaired, however, and the unsteady wave might be ironed out by an efficient automatic volume control. In any event, the later schedule now being observed renders reception of Brazil consistently possible where it was previously most rare.

Our station is PSH Peter—Samuel—Harry, on an announced frequency of 10,220 kilocycles (29.35 meters) relaying PRF-4 Radio Journal of Rio de Janeiro from 7 till 9 p. m. EST nightly. West Coast listeners are advised to tune for this station at sundown. Announcements are in Portuguese and English with such slogans as "Nobody should ignore that Brazil's coffee is the world's best coffee" and "Why not spend your vacation in Rio de Janeiro?" These are described as special test programs which will be continued "if receiving conditions everywhere are what we expect them to be." Listeners the world over are requested to report their reception and they will be acknowledged with a special QSL card. Reports referring to these transmissions should be addressed to Radio Station PSH, Post Office Box 709, Rio de Janeiro, Brazil.

Broadcasts conclude with a cheerful "Goodnight, everybody" and the playing of the Brazilian National Anthem. The West Coast may now hear Rio!

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.

10 Cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1938 by E. J. Shields, Chats.

Advertising accepted of reputable firms only. Rates on application.

**AUSTRALIA**

The call letters of the Australian National Short Wave Station at Melbourne, formerly VK3LR, have been changed to VLR, with respect to which the station offers the following comment: "Please note change of call sign, which has been made to simplify announcement and to assist our overseas listeners in identifying this as an Australian station more easily." Complete details will be found in the Station Data section of this issue.

**BOLIVIA**

Sr. Jose Camacho B., Owner & Director of "Radio Chuquisaca" CP-1 of Sucre, Bolivia, officially advises the QRC of full details regarding his three stations, two of which operate on the short wave, these details being summarized in the Station Data section of this issue. He further remarks that the station adheres to the published schedule and that they would like reports if they should have the good fortune to be heard. It is added that the power of the station on 9.890 kc will be increased early this year.

**CANADA**

Mr. G. A. Taggart, Manager of the Canadian Broadcasting Corporation's station CRCX at 805 Davenport Road, Toronto, operating on 9,090 kc with 500 watts power, courteously advises the QRC that his station now *verifies*.

**BRITISH GUIANA**

Verifications of VP3THE of the Terry-Holden Expedition, issued by the NBC, are described by a member as follows: A standard one-cent postal mimeographed in black: "This card will verify your reception of Station VP3THE operated by the Terry-Holden Expedition now located near the Brazilian border in British Guiana. This station does not transmit on a regular fixed schedule but from time to time its programs are broadcast exclusively over the Red and Blue Networks of the National Broadcasting Company." National Broadcasting Company, Ltd., 30 Rockefeller Plaza, New York, N. Y.

**CUBA**

The frequencies of a number of Cuban stations have recently been somewhat erratic. Before changing our records, we shall ascertain the new assignments. Station COBC has been observed near 9,950 kc. Station COCQ announces a new long wave frequency of 600 kc but has not been heard to mention a change in short wave frequency assignment.

**CURACAO**

A station believed to be PJC-2 of of Willemstad, normally 9,470 kc has been reported active near 9,385 kc in the early evening. As pronounced in English, the call was thought by some to be PGC.

HI-7P Emisora "Diario del Comercio," (Commerce Daily) Ciudad Trujillo 25 w 6.800 & 1.300 kc (s) "Lempira," marimba. J. A. Martinez Bonilla, Announcer. Jose M. Roques Roman, Owner & Operator. Studios: Calle Jose Reyes 35.

6.800 HI-7P

10-11

1-2

7-9

MTWTFSS

S

**DOMINICAN REPUBLIC**

Sr. Jose M. Roques Roman, Owner & Director of HI-7P Emisora "Diario del Comercio" of Trujillo City, D. R., 6,800 kc, most courteously extends absolute assurance that all correct reports submitted via the QRC will be instantly verified by his station, such verifications being mailed by him direct to listeners. In consideration of this assurance, as in the case of other "dime veri" stations, the QRC will be pleased to serve listeners by forwarding all requests accompanied by a dime and 3 cents postage.

Sr. Generoso Sarnelli, Owner & Operator of "La Voz de la Hispaniola" HI-1S of Santiago de los Caballeros, (250 w 6.420 kc) requests reports especially of QRC Members on the programs of his station. Further details are to be given soon.

**DUTCH GUIANA**

A letter verifying a member's air-mail report on the reception in Texas of station PZF on an announced wavelength of "17 meters" reads as follows: "Paramaribo, November 6, 1937. We hereby confirm your letter dated November 1st, regarding our test transmission of October 31st, 1937. Thanking you very much for your good and nice report. We hope to continue this broadcast in the future. This station PZF is controlled by the Dutch Government of Surinam. Thanking you, Yours very truly, (s) Director of the Wireless Service, Surinam." After being logged a number of times near 3 p. m. EST Sundays, PZF has been silent.



*Thos. F. and Mrs. Waters QRC 215 of Cincinnati. That he is lucky, not even Thomas can doubt.*

Another veri adds that as soon as they resume broadcasting full particulars will be given, as it is suggested that the frequency of 17 metres or 17.640 kcs is unsuited for contact with Europe during the afternoon.

**PORTUGAL**

Captain Henrique Galvao, Director of the Portuguese National Short Wave Broadcast Station, has acquainted the QRC with the operating schedules of the three frequencies now in use by his station, each being designated by a different numeral. Listeners who have yet to log the third station now have that opportunity.

**FRANCE**

Members in New England report reception of test broadcasts of TPB-16 Paris, announcing as "Radio-Coloniale" on a frequency of 6,040 kcs. They were said to be giving W1XAL Boston on the same frequency, a tough fight.

**GUATEMALA**

In advising the QRC of the service rendered by "The Voice of Guatemala," Station TGWA, Engineer J. B. McElroy adds the following interesting comment: "No evening program on Fridays. Theme song is a simple tune played over three times and faded out. Announcement of station in Spanish over music of theme. On the air Saturdays until 12:00 midnight—all times CST. All announcements over TGWA in both English and Spanish. All letters answered. No IRC needed. English OK. Opened October 12. Letters received by the thousands—all being answered, tho we are somewhat behind in that work at present. Be patient."

**SALVADOR**

Sr. Victor M. Escobar, Director General of National Telegraphs, Telephones and Radio, kindly advises the QRC that the opening theme of station YSD 7.984 and YSM 11.710 is the march "Gerardo Barrios," the name of "one of our best presidents of the Republic." Reports are verified by letter.

**HONDURAS**

Early last year, when forwarding reception reports of QRC Members to Station HRN of Tegucigalpa, the QRC reiterated its confidence that verifications had not been issued for good and sufficient reasons and offered to acquaint the public with these reasons, if the station would kindly advise of the facts, reminding HRN at the same time that the QRC invariably shows all stations the utmost courtesy.

Manager Ferrari kindly responded at length by air-mail, stating in substance that, as a new station, they had solicited reports in order to learn how they were being received in all parts of the world.

Little did they dream that the collection of verification cards was like the stamp craze. In a short time they received thousands of letters, chiefly from the United States and Canada, most of them containing reply coupons and requesting verification cards. Although costing the purchaser nine cents, these coupons are of no value whatsoever in Honduras, their acceptance by the postal authorities being optional and, in this case, refused. In order to grant these requests the station would also have been confronted by the necessity of employing an English speaking clerk whose salary would have been a serious burden to a station just making its

TGWA "The Voice of Guatemala," Guatemala City 10 kw 9.685, 11,760, 15,170, 17,800 relays TGW (s) "El Ranchito," marimba. Mike Gonzalas, Carlos Castillo, Alfonso Rodriguez, Announcers. Luis Schlesinger Carrera, Director. J. B. McElroy, Engineer. Government station under direction of Secretaria de Fomento.

15.170 TGWA  
11.760 TGWA

12311

9-11

MTWTFSS  
SMTWT S

start in business. Although a minor item, printing costs had also to be considered. Sr. Ferrari's partner, Mr. Paul John, suggested the acknowledgment of reports by means of an Appreciation Hour Sunday evenings and for a time this was done, but later was abandoned due to causes beyond the station's control.

In short, the station had not anticipated the expense of acknowledging reports which they find amounts to about a dime each, including postage, printing and the salary of an English speaking mail clerk. Unable to bear this expense, they discontinued asking for reports. To circumvent these difficulties, Manager Ferrari proposed the "dime veri" arrangement by which the QRC would accumulate a quantity of requests and purchase an international money order to cover, the remittance of coin being contrary to postal regulations. Requests would then be conveyed by the QRC to the station, the cards being issued by the station and mailed direct to the listeners. As the forwarding of requests would entail an expense for the QRC, which is estimated at a pro-rata of 3 cents per request, the QRC agreed to accept for forwarding, all requests accompanied by a dime and 3 cents postage. This undertaking has now been perfected by advice to listeners over the air by HRN and the issuance of verifications requested through the QRC is assured. We are pleased to list HRN as another of the stations lending the QRC this assurance.

### HONDURAS

Reports have been received of the reception of a new station on a frequency of 5,715 kc using the call HRK with location announced as Tegucigalpa. Fair to good reception was enjoyed on the eastern coast between 9 and 10 p. m. EST.

### HONG KONG

By cablegram the Before Breakfast DX Club of Beverly Hills have advice from their Asiatic representative to the effect that station ZBW of Hong Kong will now verify listeners' reports provided requests be accompanied by reply coupons.

### ITALY

Announcer Andreani of the American Hour specially invites attention to their change in schedule, effective December 1, with broadcasts continued nightly until 9 p. m. EST, on a frequency of 9,635 kc. Barring interference in this thickly populated part of the spectrum, this later hour should favor reception on the Pacific Coast, although it is little more than an hour after sundown.

### MADAGASCAR

Western listeners who are not averse to noise with their entertainment may log Radio Tananarive in the vicinity of 9,300 kc between 7 and 8 a. m. EST. Positive identification is improbable, but the schedule coincides with that published for Tananarive simultaneously on 10,960, 9,503 and 6.069. Other than that the closing theme resembles La Marseillaise, little is intelligible. For verification, address reports to: Director, P. T. & T., Tananarive.

**MEXICO**

Members are reporting the reception of a station on frequencies ranging from 6,950 to 6,990 kc believed to be XEME "La Voz de Yucatan desde Merida," of Merida, formerly operating near 8,190 kc and later assigned 9,520. Reception on this latter frequency where interference would abound, has never been reported to the QRC and the station was thought to have discontinued operation. Address: 59 No. 517, Merida, Yuc., Mexico.

Nothing official has yet been received by the QRC from the station, but a number of reports are filtering in on station XETW of Tampico, Tamps., on a frequency of 6,045 kc. Early tests of XEPW of Mexico City occurred on this frequency, the call being erroneously reported as XETW at that time. That a real XETW now appears is a coincidence that might interest Ripley.

**VENEZUELA**

Messrs. Sigala & Ramos, Owners & Operators of "La Voz de Lara," Radio Stations YV3RA 1,270 kc., YV3RB 5,880 kcs., and YV3RC 9,565 kcs., announce the installation of a new transmitter with 3 kilowatts power, with promise of excellent reception in the Republic and abroad. Listeners are invited to report their reception of these stations at Barquisimeto.

**NORWAY**

The QRC is officially advised that the power of the Norwegian State Short Wave Broadcasting Station at Jeloy will be increased to 5 kw (five times its present power) during the year 1938.

**SOUTH AFRICA**

Air mail reports on the reception of Johannesburg relays over the Klipheuvel transmitter (near Cape Town) on 9,606 kc, heard nightly except Saturdays for an hour beginning at 11:45 p. m. EST, have been acknowledged by mimeo letter, issued by the South African Broadcasting Corporation, P. O. Box 4559, Johannesburg. However attractive letters may be, listeners who are collectors of verification cards feel a certain antipathy toward letters—in this instance a mimeo form-letter. Pacific Coast listeners may enjoy good reception of a Cape Town relay over this station at about 8 a. m. PST, provided telegraphic interference be absent.

Reports of a Johannesburg relay on an announced wavelength of 31.50 meters in parallel with 9,606 kc have been received from eastern listeners the time of these broadcasts being from 11:45 p. m. till 12:45 a. m. EST. Listeners may wish to compare the signal strength of these simultaneous broadcasts.

---

HIN "Broadcasting Nacional," Ciudad Trujillo 740 w (Collins) 6,243.75 & 1,090 kc (s) "Himno Nacional." Vinivio Saladin, Announcer. Rafael Pellerano, Asst. Announcer. Juan Jose Bravo, Reporter. Juan Salazar, Chief Engineer. Ernesto Soler, Director & News Commentator. Frank Hatton, Manager. Dominican Government, Owner. Studios: Calle Arzobispo Merino 79. (Veries via QRC.)

**SWITZERLAND**

By air-mail, the Information Section of the League of Nations advises the QRC as follows: "The broadcasts from Radio-Nations given by the Information Section of the League Secretariat will in the New Year be extended and the transmission times will be changed. I had hoped by now to be able to send you full particulars of the new programmes, but this has not proved possible and the new schedule will not come into force until further notice. It will be sent to you as soon as it is available. During January, 1938, the broadcasts from Radio-Nations will continue on the present schedule, and we would appreciate publication of these times in your list of shortwave programmes. Each Friday evening—that is January 7th, 14th, 21st and 28th—the following four transmissions will be given: 2 till 2:15 p. m. EST HBO 11.402 in English to British Isles and South Africa; 2:30 till 2:45 p. m. EST HBL 9.345 in French, omnidirectional; 7:30 till 7:45 p. m. EST HBL 9.345 in English to Canada and the United States; 8 till 8:15 p. m. EST HBL 9345 in Spanish to South and Central America.

"Each of these transmissions is intended for reception on the evening of Friday in the area indicated. An additional transmission is given

each Monday morning for Australia and New Zealand at hours which vary according to the time of year. During January these transmissions will be given at 3 a. m. EST on HBO 26.31 metres, and at 3:30 a. m. EST on HBJ 20.64 metres.

"The subjects of the talks each week are chosen by the Information Section of the League Secretariat, and they cover the activities of the League from day to day as well as the outstanding political events which concern the League of Nations. From time to time the statesmen or delegates taking part in the League's work come themselves to the microphone to talk about their tasks.

"Reports and comments on the broadcasts from Radio-Nations are always welcomed by the Secretariat."

**POLAND**

Mr. W. Topolinski, Director of Short Wave Programs of Polskie Radio at Warsaw invites attention to the expansion of their broadcast service, with programs of three hours duration both Saturday and Sunday, and two hours other days. Broadcasts begin at 6 p. m. EST, the hour believed most favorable for reception in America. Western listeners might tune for SPW, the more powerful of the two stations, at sundown.

---

SPD "Polskie Radio," Warsaw (Babice) 2 kw 11.535, SPW 10 kw 13,635 Opening and Interval Theme: Melody from the Opera "The Haunted Castle," by Stanislas Moniuszko. (s) Polish National Anthem. A lady and two gentlemen announcing. Government Station under the direction of the Ministry of Posts & Telegraphs, Technical Exploitation Section. R. Starzynski, Director General of Polskie Radio. P. Gorecki, Director of Programs. W. Topolinski, Director of Short Wave Programs. Studios: Warszawa ,1, Mazowiecka 5. Skrzyznka Pocztowa (P. O. Box) 1141.



*Lawrence Lundberg QRC 774 of Minneapolis expects DX to get hot when the snow flies.*

FLASH: Radio Nacional of Lima, Peru, reported testing December 17 at 3 p. m. EST on a new frequency of 15,170 kc and requesting reports.

#### SWITZERLAND

Members in the British Isles report a Swiss station believed to be HB-9D "Radio Club Zurich," heard testing on a frequency of 9,535 kc November 21 from 5 till 5:30 a. m. EST with announcements in German and French. There would seem little hope of reception of this station in America at that hour while JZI Tokio and possibly other interfering stations are on the air.

#### ECUADOR

Station HC2CW "Ondas del Pacifico," of Guayaquil, normally on a frequency of 8.404, has been reported active near 9,300 kc. Address is Casilla 1166.

#### U. S. S. R.

A Member supplies the following note of interest from Moscow: "The North Pole station is called 'Upol' and is the Russian word for 'at the pole' cut short. The call sign is R. A. E. M. on 20.82 metres and 40 metres. They broadcast from 10 to 12 midnight Moscow Time and as there is 8 hours difference between Moscow Time and EST, this would be 2 to 4 p. m. EST. We hope you will be successful in picking up their transmissions but we will not be able to verify them for you."

#### U. S. A.

Both of General Electric's international broadcast stations in Schenectady, W2XAD 15,330 kc and W2XAF 9,530 kc, will be on the air continuously and simultaneously for 40 hours, from 9 a. m. EST Friday, December 31, until 1 a. m. EST Sunday, January 2, 1938, so that short-wave fans all over the world may enjoy the programs broadcast in connection with the New Year's festivities. Dance music from coast to coast will greet the arrival of the year 1938 in the various time zones. Through the cooperation of the NBC, the New Year's broadcast of the Sugar Bowl football game in New Orleans, La., will be heard at about 2 p. m. EST January 1, with the Rose Bowl game at Pasadena, Calif., following at about 4:45 p. m. EST.

## OUR GARDEN

In this Garden we plant orchids, raspberries or what have you, and new ideas to see whether they will flourish or wither. There is no room for controversy, only affirmative propositions being cultivated. Nor may mature fruit be bounced off anyone other than ye editor. Address your remarks to the chair, please.

Last evening I listened to the new Klipheuvell transmitter in Africa and as you requested that members give you the name of their receiver, mine is a Scott Philharmonic 30. You will also receive a subscription in the near future from Dr. Dean Stewart of Russell, Kansas, as I told him the other evening that he couldn't get along without the SHORT WAVE REPORTER, and gave him your address, and as I talked him into buying a new Scott Philharmonic radio by letting him listen to mine, I am sure you will hear from him in the near future.

—C. Ernest Liggett QRC 986 Kan.

### N. R. C.

Please be advised that the National Radio Club has been taken over by Messrs. Gordon, Parfitt, Wagner and Eder. The Club is undergoing reorganization at this time, and the new officers are as follows: Arthur J. Parfitt, President; Robert Weaver, Vice-President; Carl Eder, Secretary; Harold Wagner, Treasurer; Harry M. Gordon, Editor in chief; Robert Weaver, BCB Editor; Mrs. Anne Eder, SW Editor. The officers of the NRC extend their very best wishes to the QUIXOTE Radio Club and look forward to a very pleasant relationship between the two organizations.

—Carl Eder QRC 511 Minn.,

Secy. National Radio Club

### HUNGARIAN CLUB

Here's the reason I'd like to contact all Hungarian DX fans: Our largest fraternal and insurance organization has a fine weekly paper, the VERHOVAYAK LAPJA of Pittsburgh, Pa. Just recently they began printing the Hungarian stations' programs a week in advance for our countrymen here. I suggested to the editors that we should start a Hungarian SW Club. The editors printed the idea and I'm trying to contact some of our better DXers to enlist their aid in organizing this club. So far I have the address of 10 Hungarian DXers. The idea is grand, and the paper's cooperation would be assured if we can get the fans interested now. Address queries to:

—Albert Steinmetz QRC 675,  
125 W. 27 St., Bayonne, N. J.

### BOOSTS

Best wishes this Christmas Season,  
And for the whole New Year thru,  
Coming from us here in Allston  
To you at box seven, seven, two.  
—Arthur F. G. Bruder QRC 6 Mass.

I, too, have had numerous disappointments over not receiving results from Reply Coupons, and think your "dime veri" plan is a good one. I enjoy the REPORTER very much and derive a lot of good information from it.

—Guy L. Burnham QRC 1054 Wis.

**STAMPS**

If you are interested in a fair and square stamp exchange, here are three good ideas that have been tried all over this country. SWL'ing helps collectors get many nice stamps and I know there are hundreds of our fellow-members who are collectors. I am a collector-dealer myself and I would get in it to get different stamps for my collection and also to sell. Why not take a poll and see how many members are interested in a new exchange? I would like the addresses of some of our stamp collecting members. The following are suggested as three practical methods for the operation of an exchange:

(a) Have several classes, one of stamps cataloging 3 cents, one of 4 and one of 5. The trader may send in stamps of the class he wishes to receive, and stamps he removes from this lot are to be replaced by stamps of like value. (b) Have the traders send in a certain number of stamps, none cataloging less than 3 cents, they to replace stamps removed from the trading lot with other stamps of not less than 3 cents catalog value. (c) Send in a collection say of \$4 total catalog value, and be privileged to remove stamps from other lots until the total of \$4 from the other selections had been reached.

—Elmer Caldwell, QRC 897,  
209 Maple Av., Altoona, Pa.

Plan B appears most feasible. The QRC has many stamps it wishes to make available to members. An exchange is preferable to prizes for then all members have an oppor-

tunity to choose the stamps they want. The trouble has been that when there are no restrictions the trading lots eventually are filled with worthless stamps. Suggestions from interested members are invited.—

**SWL CARDS**

Enclosed please find a foto of myself and my SWL cards. I would like to have my foto printed if possible for the benefit of my pen-pals, many of whom are members of the QRC, and also I would like to have it mentioned in your magazine that I am to be married shortly. Lots of my pen-pals may be interested. Also I would like to have it mentioned that I will swap cards with anyone anywhere.

—Clive C. Peterson QRC 610, P. O.  
Box 21, Philipsburg, Sint Maarten, Netherlands West Indies.

Enclosed is the \$1.00 for my renewal—also find my foto which I hope you can use. I am now Director of the Chilton City Band. And, if you care to, please mention that I will swap my card, foto, and a picture post card with anyone—I QSL 100% on this.

—Ollie A. Landgraf QRC 564,  
97 Park St., Chilton, Wis.

Have purchased a new 30 tube Scott Philharmonic receiver and like it very much. Will try to get you a few new members.

—Charles O. Lancaster  
QRC 1032, Virginia

The festive season is nearing so I wish you a merry Christmas and a happy New Year, and am looking forward to the January issue.

—Richard Spiralke QRC 1140 Ill.

## RECEIVERS

In answer to your request, I wish to declare myself as using a Scott 23 tube Hi-Fidelity receiver. This receiver has proven itself very superior to any other receiver I have used. A month ago I had installed a Marconi inverted L type antenna with horizontal length of one hundred fourteen feet and found this gave me greater volume on SW stations from Australia, Japan and Africa; also I have been able to pick up weak So. African stations that I could not get with a noise reducing antenna. This has been done without increasing the noise ratio. I am located in the country away from any man-made interference. I would appreciate receiving information from any one regarding antennas; also if any one has had the pleasure of comparing the Scott 23 with the Scott Philharmonic 30. I will be pleased to answer letters of any member.

—W. M. Fugere QRC 401  
R. F. D. 2, Ipswich, Mass.

I am sorry to learn of the discontinuance of the Log but think you are on the right lines for more popular support. If you run in alphabetical order complete details of all the regular broadcasting stations, as many each month as you have room for, and keep revising the list, I think many of us will find it much more useful to keep it pasted up than the log would be. That's why I want my two copies so I can tear them out and paste them on cardboard.

—John L. Balderston, QRC 111 Cal.

Am taking this opportunity to report my receiver. It is a Postal 1935. Better sets are made but have had good results with it. May be able to get better results if I could get in touch with a member having one like it. Do not seem to find any reports concerning its efficiency. There surely must be some more of them in operation but "no can find."

—Henry W. Prahl QRC 351 Ohio

In response to your request in the October issue for information regarding the type of receivers used by Club Members, wish to advise that I am using a Scott 23 tube Hi-Fidelity Receiver purchased in August, 1936. My receiver also has a Scott Volume Expander attached. Am using a double-doublet antenna. My Scott has given me very excellent service, the best of any receiver that I have owned and I have had eight high grade receivers. While I do not have the old urge for DXing that I used to have, I have always found when the urge hits me I can always bring in almost anything I go after and the signals come in loud and clear enough so that there is no mistaking the identity of the station or country being heard. When the time comes to buy a new receiver, it will be a Scott.

—H. E. Vandervoort QRC 458 Fla.

I think the SW REPORTER is the finest little magazine for SW listeners that I know of, and improving with each new issue. More power to you!

—Albert H. King QRC 484 N. Y.



*Anthony C. Tarr QRC 359 of Seattle whom we have pleasure in declaring the "winnah!"*

I am using a flat top antenna 120 feet long running north and south. Would like to have some one suggest a better type of antenna.

—Frank J. Ballintine QRC 584 Pa.

Have just received a Scott Sixteen, and was given a copy of the December issue of SHORT WAVE REPORTER by Mr. E. H. Scott. Found it very interesting, as do two of my friends; therefore am enclosing Money Order for \$3.00 to cover 3 one-year subscriptions.

—L. R. Abbott QRC 1166 Ill.

By the way, you may notice that these reports are all marked Challenger as receiver. I bought one and put it in my den. Now I can DX when I feel like it and the better half can have her programs on the Scott at the same time—and everybody's happy!

—Clifford E. Scranton QRC 538 Ct.

Next month we shall publish the QRC Receiver List, including the receivers, or favorite if more than one, of all Members having reported not later than January 10. Owing to the diversity of receivers owned, as well as the difficulty of scoring reports for which no verification was desired, the proposed Duplex Contest has had to be abandoned. The reason will be apparent, we believe, upon publication of the Receiver List next month. All Members are urged immediately to report their make and model of receiver for inclusion in this list.

In September it was our privilege, through courtesy of Mr. Philip Cass QRC 478 of Philadelphia, the donor, to offer as a prize to the Member credited with introducing the most new members to the QRC by December 10, a Sky Pilot 24-hour World Time Clock. Upon compiling the returns, we find that "Tony" Tarr QRC 359 of Washington is easily the winner, and accordingly he has been awarded the prize.

Through the courtesy of Mr. Cass, also, we are enabled to offer still another of these desirable prizes to the Member credited May 10, 1938, with having introduced

## MEMBERSHIP CAMPAIGN

<b>QRC</b>	<b>Introducing Member</b>	<b>Members Introduced</b>
6	Arthur F. G. Bruder:	MacPherson, Mayer, Montague, Eichels, Thompson.
8	Henry V. Miner:	McTeague, Groves.
43	W. B. Bell:	Mulkey, Byrd.
48	E. L. Nicholson:	Thompson, Nicholson, Miller.
60	W. J. Ray:	Roberts, Chirone, Mott.
64	Frank R. Grey:	Campbell, Muenster, Chippendale.
97	J. R. Mappin:	Bowman, Mattson, Lewis, Hagberg, B. H. Johnson.
100	Richard L. Bullard:	Swope, Brown, Rashoff.
111	John L. Balderston:	Roe, Rappaport.
129	Charles Nick:	Ebbecke, Shoch, Ballintine, Whelan, Scheirer.
140	Ray La Rocque:	Roche, Brode.
155	Samuel Solito:	Fox.
163	Robert L. Weber:	Swenson, Gustafson, Fossa Andersen, Mrs. P. H. Weber, Rogers, Carl N. Weber.
165	Thomas G. Grey:	Grey, Kamba, Sim.
205	Roy Waite:	Stark, Lowe, Randall.
215	Thos. F. Waters:	Miller, Benson.
217	Charles Miller:	Dr. Bedinger.
218	Merton T. Meade:	Landgraf, Kamlowsky, Mead, Reece, Meade, Homsher, Estes, Clarke, Griswold, Samson, Olson, Johnson, Hudson, Meade, Anderson, Westover, Gmeiner, Klimczak, Alfred, Smith, Staves, Shassetz, Magnuson, Dr. Pugh, Hallgren, Cartmell, Fitzgerald.
227	J. Herbert Hyde:	Dunigan, Whaples.
232	Alfred D. Seals:	Rose, Jordan.
233	G. H. Millican:	Cheshire, Wilcox, Peters, Wallace, Gibbons, Ingram.
245	W. D. Flagg:	Bagg, Lockett.
252	Walter L. Chambers:	Nemiccolo, Comey, Hunter.
277	Carl Weber:	Siegel.
278	Chas. B. Lamm:	Shepherd, Bilharz.
286	Roger Legge, Jr.:	Schrameyer, Sutter, Steinmetz, Wirshing.
291	George Van Honk:	Hunter, Prosperry.
297	Floyd M. Murphy:	Everly.
322	G. Len De Cou:	Clark, Parry, Myers.
326	Robert R. Irwin:	Olson, Bristow, Schenk, Fellows, Hummel, Mues, Leonard, Trezise, Spiralke, Beyer, Barske.
329	Donald Adams:	Ernst, Hobbs, Christensen, Pankow, Johnson, Hollinger, Ellis, Sullivan, Burrill, Miller, Gallagher, Bottema, Snyder, Johnson.
344	Frank Anzalone:	Seiler, Kulouitz.
351	Henry W. Prah:	Mog, Schmucker, Kingston, Tummonds, Schuler.
354	Wallace W. Smith:	Smith, Fieldhouse, Harrison, Cannon, Dr. Seubold.

the greatest number of new members to the QRC since December 10, last. The winner of this award will be announced in the June issue.

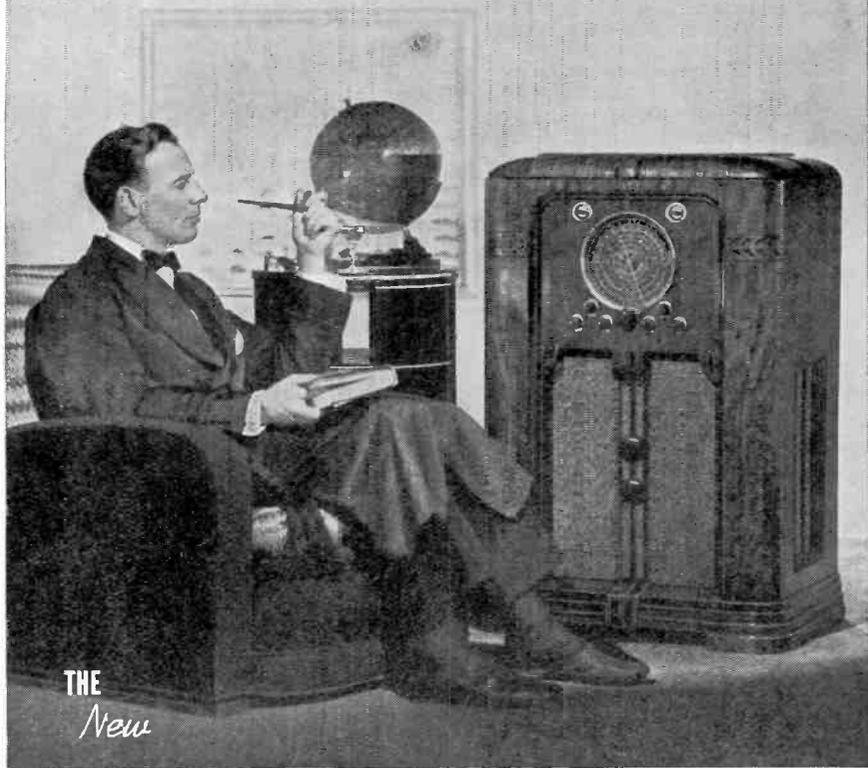
The present is the season of most intense interest in radio reception.

There is no better time to acquaint listeners with our service. Get a head start in this contest by recommending the Club to your friends now! Everybody starts from scratch and the chances are even.

<b>QRC</b>	<b>Introducing Member</b>	<b>Members Introduced</b>
359	Anthony C. Tarr:	Oleson, Hunter, Staley, Harris, Young, Judson, Rochlen, Wilcox, King, La Rue, Rude, Underwood, Gawel, Ferrin, Hultquist, Jones, Scofield, Neff, Farkas, McDonnell, Maitland, Kinloch, Otis, Lonis, Putnam, Kirkpatrick, Warren, Barnett, Brus, Cowper, McGarry, Clemens, Worcester, Imerson, Orlob, McGuire, Young, Cavileer, Oliver, Leopard, Thorburn, Granger, Orlaw, Spence.
384	Lewis F. Miller:	Wenom.
389	Norman Schultz:	Gifford, Belz, Ansell.
390	Joseph D. Green:	Orullian, Anderson.
392	R. B. Oxrieder:	McKinley, Atherton, Ives, Larsen, Corriston, Yursik, Barrows, Bell, Kneeland, Caldwell, Bachelder.
394	Dr. R. C. Kash:	Hofmaster, Bennett.
398	Martin J. Olthoff:	Olthoff, Hellwig.
406	Harold Levison:	Webb.
412	E. D. Schenk:	Kruger, Pardini, Palmer, Ricksecker.
418	C. Wheaton Vaughan:	Millar, Howard.
420	Earl R. Roberts:	Leboeuf, Hock, Denny.
423	Herman Mayer:	Binder, Dickman.
440	Edwin L. Frankenstein:	Mrs. E. Frankenstein, Michelbacher.
450	Ora E. Stark:	Seufert, Haines, Wright.
452	William Keach:	Rema Keach.
455	Roy Pitman:	McCullough.
458	H. E. Vandervoort:	Dr. Smith, Gross.
468	Stuart Osgood:	McIntyre, Clark.
469	Reuben W. Cohen:	Peticolas, Wilson.
470	Gilbert A. Engen:	Conrad, O'Brien.
471	W. O. Brautigam:	Lotz, Herzberg.
472	James Van Deventer:	Hilliard.
473	Vincent Tantillo:	Marach, Leon.
475	Howard W. Clark:	D. H. Clark, Johnston.
478	Philip Cass:	Donachy.
480	Carl C. Hill:	Hartshorn, Gross.
482	N. R. Brooks:	John R. Brooks, Wm. P. Brooks.
484	Albert H. King:	H. L. King, Dr. Van Urk.
486	Dr. W. C. Breth:	Van de Carr.
488	Robert Hermely:	Schafenacker, Leussenhop.
491	Wilfred M. Fugere:	Moad, Patch.
496	Rudolph Bossert:	Sanick, Urbanik, Meyers.
498	F. H. Longsdorf:	Dr. Lassalle, Dr. Spann.
499	A. C. Allen:	Somers, Venable.
504	B. A. Van Maaren:	Anderson, Moore.
506	C. F. L. Chamberlaine:	Highland, Thad Irwin.
509	Manuel Barbera:	Franquet.
511	Carl & Anne Eder:	Schrock, Althoff.
517	Max H. Bass:	Daly.
521	J. L. Atsatt:	French, Sherman.
526	H. W. Johannes:	Allen, Litkey.
530	Laurence Sprung:	Laurence Muller.
533	Geo. E. Houck:	Singleton, Krell, Clarey.
538	Clifford E. Scranton:	Carr, Sellow.
544	Roy T. Babb:	Haspang, W. J. Putnam.
554	H. J. Mueller:	Rud Muller, Polack.

<b>QRC</b>	<b>Introducing Member</b>	<b>Members Introduced</b>
562	Sgt. A. W. Brummund:	Redmond.
564	Ollie A. Landgraf:	Beljan, Dornbush.
568	H. D. Oliver:	Brown, E. R. Gray.
576	Edwin E. Mullen:	MacDonald, Augustine.
596	John Larsen:	Barrett, Cass.
606	Benjamin H. Ross:	Henderson, Racz.
610	Clive Peterson:	Scala.
662	G. M. Krell:	Berry, Urcy, Bohling.
673	Frank J. Schrameyer:	Klauk.
700	E. D. Cornwall:	Stingley, Sheppard, Doegey.
703	Lyle M. Nelson:	Walker, Parsons.
704	Carl Forestieri:	Pastorello, Wheatley.
711	Ralph H. Smith:	Lewis, Smith.
716	Nicola Cannata:	Melone, Diletti.
717	Joseph T. Lippincott:	Shepherd, Blender.
738	Chas. C. Norton:	Martinez, Walcott, Clark, Biller, Johnson, Cohen, Schwengel, Fournier, Gates, D. G. Johnson, Mrs. Mary Barney, Kinney, Gallivan.
740	Ashley Walcott:	Reiter.
748	Howard McClean:	Loney, Lunt.
754	August Balbi:	Kane, Purkey.
756	E. D. Purkey:	Chavez, Walmsley, O'Donnold, Hodge, Ruiz, Pur- key, DeHaven.
766	Wilbur Britting:	Myers, Moderno.
796	Harry O. Jones:	Barlatier, Lockwood.
803	Stanley B. La Rue:	Dr. Staads, Bell, Gardner, Long, Saling, Clark, Weiss, Pope, Critton, Jaffe, Hare, Csorgo, Pfeiffer, McMannamy, Vaught, Graham.
806	W. J. Moore:	Heslop.
811	L. V. Kraus:	Ascher, Obirek.
821	L. W. Dreese:	Zanardella.
832	Emily Griswold:	Hammersley, Rebensdorf, McCandless.
837	Ray Gallagher:	Evans, Mise, Elliston.
841	Edward H. Andrews, Jr.:	Rockwell, Smith.
845	Edwin C. Peters:	Hessloehl.
855	Stanley Brus:	Glover.
856	W. L. Godkin:	Barber.
863	Douglas Worcester:	Lam, Silverman.
888	Lemuel Cavileer:	Wills, Powell, Pitone.
900	Orrian A. Smith:	Mayer, Anderson.
904	Dr. Francis E. Bedinger:	Vest, Van Leuven.
948	Fred W. Alfred:	Howarth, Smith, Jeffries, Hughes, Res.
986	C. Ernest Liggett:	Conway E. Liggett, Dr. Dean Stewart.
1015	Robt. Truhlar:	Fuller, Bergman.
1028	J. A. Wirshing:	Conesa, Sambolin.
1071	Luman B. Wemple:	Aldridge, Gayhart.
1092	Robert Lebowitz:	Novak, Rivelis.
1114	Arthur Nugent:	Hatten, Hawkins.
1124	Gerald Cote:	Ward, Menard.
1127	Joseph Lenoir:	Boehm, Willner.
1157	Conrad Routh:	Harben, Herrington.
1166	L. R. Abbott:	Peterson, Heinisch.
1174	Gerard Spencer:	Arthur S. Miller.

*Super-Powered for*



THE  
*New*

**SCOTT** *Philharmonic*

*Clearer, Stronger Foreign Reception*

30



TUBES

## BRINGS IN THOSE WEAK HARD-TO-GET STATIONS

This new Scott Custom-Built Philharmonic is, we believe, the world's most highly perfected long distance receiver. It far surpasses all previous Long Distance World's Records, held by Scott Receivers. 30 Tubes, all operating at peak efficiency, develop tremendous perfectly controlled power. You can now tune many stations you never have heard before. Greater Sensitivity enables you to take a whisper from the far corners of the earth and amplify it to the volume of a "local."

### 3.75 TO 2000 METERS

Greater Wave Length Range, 6 Bands, 3.75 to 2000 meters, gives you complete coverage of practically everything on the air. Every point on the dial is filled with powerful, superb-toned reception. "Years ahead" in design... it will receive Television Sound Broadcasts. The secret of this new Scott Philharmonic's amazing performance lies in its 8 New Features

(patents applied for), which permit you to locate and bring in those far away, weak, hard-to-get stations that are seldom heard on other receivers.

### CUSTOM-BUILT TO ORDER

The Scott Philharmonic is not an ordinary radio. It is Custom-Built by hand to suit receiving conditions in your locality. Constructed with the precision of a fine watch. Incorporates every modern improvement of radio science. The Philharmonic is the only Radio Receiver, we believe, that will perfectly reproduce the entire tonal range of the human ear (30 to 16,000 cycles). Every tone from the very lowest to the highest is captured with an uncanny realism that seems to bring you into the very presence of the musical rendition. Guaranteed 5 years. Fifteen cabinets by master designers await your choice.

**FREE DETAILS • MAIL THE COUPON NOW!**

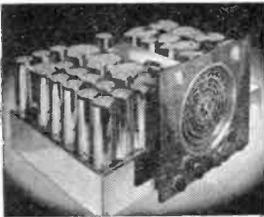
**E. H. SCOTT RADIO LABORATORIES, INC.**

4491 N. Ravenswood Ave., Dept. 44K7, Chicago, U. S. A.

Please send details about the new Scott Philharmonic. (No dealers. Sold only direct from Scott Laboratories in New York, Chicago, Los Angeles. 30-day free trial).

Name \_\_\_\_\_

Address \_\_\_\_\_



## STATION DATA

In this issue the Station Data section will be found replete with detail, but listeners are reminded that only a third of this section is published each month.

## ANGOLA

CR6AA "Estacao Radio Difusora do Lobito," Lobito Bay 1750 w 7.177 & ir. 9.666 (i) three notes. Announcements in Portuguese, French, English and Spanish by a man and a woman. Alvaro de Carvalho, Owner & Operator. Caixa Postal 103.

7.100 CR6AA

2 $\frac{3}{4}$ --4 $\frac{3}{4}$ 

SMTWTFS

## ARGENTINA

LRU "Radio El Mundo," Buenos Aires 7.5 kw 15.290—LRX 10 kw 9.660—Relay LR-uno 50 kw 1,070 (s) Theme without title composed especially for Radio El Mundo by Maestro Alberto Castellanos. (i) 4 vibraphone notes. Argentine Standard Time one hour ahead of EST. Roydon M. Hummel, Manager. Editorial Haynes Lda. S. A. (publishing house) Owners. Calle Maipu, 555.

## AUSTRALIA

VK2ME "The Voice of Australia," Sydney (Pennant Hills) 20 kw 9.590 (s) National Anthem. (i) Kookaburra laughter. P. Greeves, Announcer. Amalgamated Wireless (A/sia) Ltd., Owners. 47 York Street. Box 2516 BB G.P.O.

VLR "The Australian National Short Wave Station," Melbourne (Lyndhurst) formerly VK3LR—1 kw (soon to be increased to about 3 kw) 9.580 (s) National Anthem. (i) Three gong notes in ascending order. Australian Broadcasting Commission, Short Wave Division, T. & G. Building, Collins Street, Melbourne, C. I. Box 1686 G. P. O.

3-----7 $\frac{1}{2}$   
-----8 $\frac{1}{2}$   
-----8 $\frac{1}{2}$

10 $\frac{3}{4}$ ----- S  
10 $\frac{3}{4}$ ----- S  
----- S  
S

Haven't done a bit of DXing the past three months but have just had my set checked over and hope to get up some enthusiasm again. For the records, I am still using the Scott 12 and expect to continue with it until able to purchase a later model.

—Robert L. Weber QRC 163 Ill.

Am trying out a Scott Imperial 23 and expect to keep it as I am very well pleased with the tone, sensitivity and selectivity. Certainly a big improvement over the GE M81 altho I can't kick on the lat-

ter for it brought me in plenty of DX in the two years or so I have been using it and it is now doing service in the dining room so my wife and daughter can listen to their chain programs while I am trying for the elusive DX on the Imp.

—Roy Waite QRC 205 N. Y.

In your next issue, if space permits, please print my QRA as I wish to get acquainted with all QRC members thru an exchange of SWL cards.

—Wally Hallgren QRC 1019,  
Box 31, Santa Rosa, Cal.

VK3ME Melbourne (Braybrook) 1.5 kw 9.510. C. T. Sproule, Announcer. Amalgamated Wireless (A/sia) Ltd., Owners. Verifications: Broadcasting Department, "Wireless House," 167-169 Queen Street, P. O. Box 1674 N, Melbourne, C.1., Victoria.

VK6ME Perth, (Applecross) Western Australia 2 kw 9.590. For veries: Amalgamated Wireless (A/sia) Ltd., Box 2516 B B G.P.O., Sydney N. S. W.

VK9MI M/V Kanimbla 50 w 6.010, 11.710 (s) "Sweet Dreams" followed by God Save the King. McIlwraith & McEacharn, Ltd., Owners, 94 William St., Melbourne.

#### AUSTRIA

OER-2 "Radio Wien," Vienna (Rosenhugel) 1.5 kw 6.072 & OER-3 11.801 (s) National Hymn. (i) Ticking of Clock. "Hallo, hallo, Ravag, Vienna calling OER-2 and OER-3." Men announcers. Oesterr. Radioverkehrs A. G., Owners. Vienna, I, Johannesgasse 4b.

#### BELGIUM

ORK "Radio Ruysselede," West Flanders 9 kw 10.330 (s) "Brabanne" National Anthem. Languages: French and Flemish. Announcement: "Ici Bruxelles I. N. R. Emission speciale pour le Congo par la station de Ruysselede ORK 29 m 04." Regis des Telegraphes et des Telephones, Direction des Radiocommunications, Bruxelles.

#### BOLIVIA

CP-1 "Radio Chuquisaca," Sucre, Bolivia, 400 w 9.890, 1.380 & 14.544 (s) "Twenty Years," march. (i) Clarines (Bugles). Carlos Torrez R., Announcer. Antonio Torrez G., Manager. Jose Camacho B., Owner & Director. Studios: Grau No. 19. Casilla No. 15.

9.890 CP-1

11-12½

5½-7 8½-10½

SMTWTFS

#### BRAZIL

PRF-5 Rio de Janeiro (Marapicu) 60 kw 9.501 (s) "Brazilian National Anthem." "Hora do Brasil" program sponsored by Brazilian Department of Propaganda (Miss Ilka Labarthe, in Charge of Radio Division) Avenida Presidente Wilson. Cia. Radio Internacional do Brasil, Owners. Rua Theophilo Ottoni, 74. Caixa Postal 709.

PSH Rio de Janeiro 10.220 relays PRF-4 Radio Journal (See PRF.5).  
10.220 PSH

7-9

SMTWTFS

#### BRITISH GUIANA

VP3BG "The Voice of Georgetown," Georgetown (Demerara) 1 kw 6.130 (s) "Goodnight, My Love" and "God Save the King." Chas. Kellman, Director. Crystals Broadcasting Co., Owners. Studios: Philharmonic Buildings.

VP3MR "The Voice of Guiana," Georgetown (Demerara) 250 w 6.070 (o) "Bond of Friendship," march. (s) Ted Lewis' "Goodnight Melody." BGT 1¼ hr. ahead of EST. G. V. de Freitas, Manager & Announcer. E. G. Fenty, Director. The British Guiana Broadcasting Co., Ltd., Owners. Studios: Luckie's Chambers, Fogarty Building, 16 Robb & Hincks Sts. P. O. Box 272. Send IRC for veri.

#### BRITISH WEST INDIES

VP2LO Basseterre, St. Kitts, B. W. I., 500 w 6.380 & 12.760. R. D. Stewart, Chief Engineer. I. C. A. Radio Sales & Service, Owner. Box 83.

**BULGARIA**

LZA "Radio Sofia, Stara Zagora and LZA," Sofia 1.5 kw 14,970 (s) "Tshoumi Maritza," National Anthem. (i) None. Peter Vitanoff, Elena Shopoff, Ventshi Dobreva, Announcers. Panaote Todoroff, Sirak Skitnik, Directors. Kiril Andreeff, Manager. Government Station. 19, rue Moskovska.

**BURMA**

Rangoon (Mingaladon) 1.5 kw 6,007. Address: Engineer-in-Charge, Government Radio Station, 15th Mile, Prome Road, Mingaladon, Rangoon.

**CANADA**

CFCX Montreal, P. Q. (ex VE9DR) 6.005. Relays CFCF. Victor F. Nielsen, Mgr. Canadian Marconi Co., Owners. Box 1690.

CFRX "The Rogers Short Wave Station," Toronto (Aurora) Ontario 300 w 6.070 (o) "Oh! Canada." (i) None. (s) "God Save the King." Harry Sedgwick, Managing Director. Rogers Majestic Corp., Owners. 37 Bloor St. W.

CJRO Winnipeg, Man. (ex VE9CL) 2 kw input 6.150—CJRX (ex VE9JR) 2 kw input 11.720. H. R. McLaughlin, Mgr. of Radio Division, James Richardson & Sons, Ltd., Royal Alexandra Hotel.

CRCX Toronto, Ont. 500 w 6.090. G. A. Taggart, Station Manager. Canadian Broadcasting Corp., 805 Davenport Road. (Verifies.)

VE9BK Vancouver, B. C. 4.795. A. M. Jagoe, Mgr., Radio Sales Service, Ltd., 780 Beatty Street.

VE9CA Calgary, Alta. (Strathmore) 6.030. Relays CFCN. The Voice of the Prairies, Ltd., Toronto General Trusts Building, Calgary

VE9CS Vancouver, B. C. 6.070. Relays CKCF 1410. Standard Broadcasting System, Ltd., 1001-1004 Stock Exchange Building

VE9DN Drummondville (Montreal) P. Q. 6 kw input 6.005. In winter, relays "Northern Messenger" program. Canadian Marconi Co., Owners, 211 St. Sacrament St., Montreal, P. Q. Verifications: Canadian Radio Broadcasting Commission, King's Hall Building, 1231 St. Catherine Street W., Montreal, P. Q.

VE9HX "The Short Wave Experimental Transmitter of the Key Station of the Maritimes," Halifax (Bedford) 500 w 6.130 relays CHNS (o) "The Maple Leaf for Ever." (i) Four Chimes. (s) "God Save the King." Major Wm. C. Borrett, Managing Director. Maritime Broadcasting Co., Ltd., Owners. Lord Nelson Hotel. P. O. Box 998.

**CANARY ISLANDS**

EAJ-43 Santa Cruz de Tenerife 20 kw 10,370 (o) Spanish News introduced by "Himno de La Legion," English News by "Lady of Spain," and (s) "Himnos de Falange Espanola, de Requetes, y Nacional Espanol." Jose Luis Camps Ibanez and Victoriano Frances, Spanish Announcers. Manuel Ramos Vela, Art Director. Juan Meinke, Technician. Enrique Diaz Exposito, Secretary. Elias Ramos Gonzalez, President. Radio Club Tenerife, Owner. Studios: Alvarez de Lugo Num. 1. Apartado 225.

**CEYLON**

Radio Colombo," Colombo 79 52 53 E 6 55 14 N 300 w 6.160 (i) Bell Record. Colombo uses no call sign, and "Colombo Calling" is used during announcements. CST 5½ hrs. ahead of GMT. Government Station under direction of Postmaster General & Director of Telegraphs. Superintendent, Broadcasting Station: Shirley da Silva. Torrington Square.

**CHILE**

CB-960 "Radio Difusora Pilot," Santiago 500 w 9.600 relays CB-130 (s) Newton's melody "Somewhere a Voice Is Calling," organ solo. L. Godoy Montt, Technical Director. Godoy, Rocuant y Cia. Ltda., Builders & Owners. Studios: Compania 1288, Fourth Floor, Offices 1-2. Plant, Capitan Orella 2511. Casilla 1342.

CB-1170 Emisoras "Otto Becker," Santiago de Chile 1 kw 11.700 relays CB-89 2 kw 890 kc (s) "Unsere Marine," German March. Raul Braun, Director, assisted by nine announcers. H. Fernandez, Technician. Bernardo Becker W., Manager. Sucesora Otto Becker Ltda., (Dealers in Musical Instruments—Established 1865) Owners. Studios: Calle Ahumada 113. Casilla 706. (Veri via QRC.)

9-----11  
10-----2 4-----11 S  
MTWTFSS

CD-1190 Radio Sur "Voz de Valdivia," Valdivia 11.900 relays Radio Aliviol. C. Kaheler y Co., Lda., Owners. Studios: Edificio Wachsmann 14-18. Casilla 642. 10-----1 3-----6 7-----10 SMTWTFSS

**CHINA**

ZBW-3 Hong Kong 2.5 kw 9.525, ZBW2 6.090, ZBW4 15.190, ZBW5 17.755. Tx Marconi Type SWB8. HKT 8 hrs. ahead of GMT. Hong Kong Broadcasting Committee, Gloucester Hotel Building. Box 200.

**COLOMBIA**

HJ1ABB "La Voz de Barranquilla," Barranquilla 6.128 & 4.780. Re-relays HJ1ABA. (s) "La Golondrina" (The Swallow) organ. Elias J. Pellet B., Owner, Apartado 715.

HJ1ABC "La Voz del Choco," Quibdo, Department of Choco 6.000. Government station under direction of the Department of Education. V. Barrios Ferrer, Director.

HJ1ABE "La Voz de los Laboratorios Fuentes," Cartagena 1 kw 4,860 relays "El Progreso Cartagenero." (o) "Song of the Islands," organ. (i) Bugle Call. (s) "Aloha Oe," organ. Pepe Vellojin, Announcer. Ramon Mendez, Announcer & Director. Antonio Fuentes, Owner & Manager. Apartado 31.

HJ1ABG "Emisora Atlantico," Barranquilla 1 kw 6.040 (o) "Himno Nacional" & "Los Cadetes." (s) "Los Cadetes" & "Himno Nacional." Juan Francisco Soto, Pilin Castro & Marco Zuniga, Announcers. Alfonso Rosales Navarro, Art Director. Andres G. Jimeno, Technical Director. M. A. Blanco, Manager. Andres G. Jimeno & Cia., Owners. Studios: Permanent Exposition of National Products. Plant: Olaya Herrera Suburb. Apartado 674.

HJ1ABP "Radio Cartagena," Cartagena 1 kw 9.616 relays HJ1ABR 600 w 1.400 (s) "Under the Double Eagle," March. (i) Xylophone. Alberto Basmagi, Roberto Troncoso N., and Victor Julio, Announcers. J. Balthazar, Director. Roberto Lequerica, Mgr. Radiodifusora Cartagena, Inc., Owners. Apartado 37.

HJ2ABC "La Voz de Cucuta," Cucuta, Norte de Santander, 750 w 4,787.5 & 9.575 (s) "Dreaming the Waltz Away," organ solo by Jesse Crawford. Luis Maria Diaz Matheus, Announcer. Jose Alejandro Sanchez Cuadros, Managing Director. Pompilio Sanchez Cuadros, Owner. Address: Emisora "La Voz de Cucuta," Cucuta, N. de S., Colombia.

HJ2ABJ "La Voz de Santa Marta," Santa Marta 1.5 kw 6.025. Julio A. Sanchez T., Owner.

HJ3ABD Emisora "Nueva Granada," Bogota (Barrio Olaya) 1 kw 4.841 (s) "Para ti Rio Rita," followed by Colombian National Anthem. Jose Roldan-Castello, Eduardo Nieto Umana & Jorge A. Mora, Announcers. Enrique Ramirez, Director. Roberto Ramirez, Manager. Colombia Broadcasting, S. A., Owners. Studios: Carrera 8a. No. 15-91. Apartado 509. Veries via QRC, announced at 9:35 and 11:30 p. m. EST nightly.

HJ3ABF "La Voz de Bogota," Bogota (ex HKF) 6.070 (s) "Good night, Sweetheart." Interval: 6 chimes. Uribe & Moreno, Owners, Edificio Lievano No. 301. Apartado 312. (Won't verify.)

HJ3ABH "La Voz de la Victor," Bogota 1 kw 4.900 & 1.005 (o) "Serenade from Student Prince in Heidelberg," organ. (i) 3 chimes. (s) "Russian Lullaby," organ. Rafael Valencia A., Announcer. Jesus Maria Garcia, Manager. Manuel J. Gaitan, Owner. Studios: Edificio Lievano 112. Apartado 565.

HJ3ABX "La Voz de Colombia," Bogota 1 kw 6.122 (s) "Indian Love Call" from Rose Marie. (i) Notes of the Colombian National Anthem. Eduardo Ramos, Announcer. C. Rios Hoyos, Managing Director. Voz de Colombia, Inc., and Cipriano Rios Hoyos, Owners. Apartado 2665. (Veri via QRC.)

HJ4ABC "Ecos del Combeima," Ibague 6.090. Tx Tolima Conservatory Building. Mario M. Barrios, Managing Partner. Lamus & Rivera, Owners. Apartado 39.

HJ4ABD "La Voz Catia sobre el Valle del Aburra," Medellin 5.780, 5.900 & 6.138 (s) "William Tell Overture, Part IV." Equipment, studios and offices in City Hall (Palacio Municipal). Luis Emiro Mejia, Managing Director.

HJ4ABE "La Voz de Antioquia," Medellin, Department of Antioquia (ex HKO) 1 kw 6.097. Relays HJ4ABK 1250 (s) "Dos de Abril," March. (i) 4 chimes. Gustavo Lopez C. and Mario Jaramill D., Announcers. Luis Ramos H., Director. Carlos Escobar P., Manager. Cia. Colombiana de Radiodifusion, Owners.

HJ4ABP "Emisora Claridad," Medellin 2.5 kw 6.030. Relays HJ4ABQ 1320. (s) "Marcha de los Soldaditos de Madera" (Parade of the Wooden Soldiers).

HJ5ABD "La Voz del Valle," Cali, Valle 6.085. (s) "Goodnight Melody," by Ted Lewis Orch. Jorge E. Rivas, Mgr. (Veri via QRC.)

HJ6ABA "La Voz de Pereira," Pereira, Dpto. de Caldas, 720 w 6.054.3 (s) "Soy de Madrid," schottish, or "Rayito de Luna," pasodoble by the Colombian composer Gustavo Gomez Ardila. Mario Arango & A. Arango, Owners. Studios: C. No. 6 Calles 21-22.

9 1-----1 6-----10 SMTWTFS

HJ6ABB "Radio Manizales," Manizales 6.110. Apartado 175.

HJ6ABH "La Voz de Armenia," Armenia, Caldas 1 kw 9.520. Relays HJ6ABN. German Hoyos G., Mgr. Hoyos, Gutierrez & Aristizabal, Owners.

HJU "La Voz del Pacifico," Buenaventura 1 kw 9.510 (s) "Palmira" March. Alberto Pinzon Neira, Station Manager. Pacific Railway, Owner. (Veri via QRC.)

**COSTA RICA**

TI-EP "La Voz del Tropico," San Jose 500 w 6.690 (s) "Under Hawaiian Skies." Eduardo Pinto Hernandez, Owner. Apartado 257.

TI-GPH "Alma Tica," San Jose 1.5 kw 5.830. Gonzalo Pinto Hernandez, Owner and Operator. Apartado 800.

TI-LS—Radioemisora "Para Ti" (For Thee) San Jose 5.905 & 880 (o) "Washington & Lee Swing." (s) "Adios, mi Chaparrita" (Farewell, My Little One). Luis J. Saenz, Operator. Apartado 3.

TI-MC Estacion "Cultura," San Jose 5.230. M. L. Coronado, Owner.

TI-OW "Ondas del Caribe," Puerto Limon 400 w 6.850. Frank Wimmer, Operator & Announcer. Otto F. Wimmer, Owner. Apartado 45.

TI-PG "La Voz de la Victor," San Jose 1 kw 6.410 relays T1PG 2 kw 625 kcs (s) "Mi Teniente," (My Lieutenant) March. Perry Girton, Owner & Operator. Apartado 225.

TI-RCC "Radioemisora Catolica Costarricense," San Jose 500 w 6.550 relays TIAC 500 w 1,200 (s) "The Lost Chord." (i) 4 bells. Amando Cespedes Marin (TI4NRH) Engineer & Announcer. Monsenor Dr. Carlos Borge C., Director. "La Soledad" Church. Apartado 1064.

TI-VL "La Voz del Morazan," San Jose 7.000.

TI-XGP3 Estacion "X" La Reina del Aire, San Jose 1 kw 5.830. Gonzalo Pinto Hernandez, Owner and Operator. Apartado 800.

TI-4NRH Heredia 100 w 9.670. Amando Cespedes Marin, Engineer & Director. Amando Cespedes junior, Operator. Lidylia Cespedes Arias, Secretary. Apartado 40.

TI-5HH "La Voz de San Ramon," San Ramon 200 w 5.500. R. Herrera O., Mgr. Herrera Hermanos (Herrera Brothers), Owners.

TI-8WS "Ecos del Pacifico," Puntarenas 120 w 7.500 (s) "San Lorenzo" March. Abel Salazar F., Owner. Apartado 75.

**CUBA**

CO-BC "El Progreso Cubano," Habana 1 kw 9.350 relays CMBC 630 kc (s) "Morir Sonyando" (To Die Dreaming) Waltz. Adalberto Fernandez and Antonio Estruch, Announcers. Ovidio Fernandez, Director. Manuel Fernandez, Manager. Domingo Fernandez, Owner. Studios: Maximo Gomez 139. Apartado 132.

CO-BX "De los Talleres de Radio Alvarez," Habana 500 w 9.200 relays CM-BX 500 w 1,070. (s) "El Manisero" (The Peanut Vender). Alberto Alvarez, Owner. Studios: San Miguel 194, altos.

CO-BZ Radio "Salas," Habana 250 w 9.030 relays CMBZ 1,000 kc (s) "Popular Melodies accompanied by Nightingales and Canaries, Reich's Aviary. Bremen," Victor record V-1-B. (i) 4 Chimes. Jose Alberto Iniguez, Juan M. Tabares and Enrique R. Hernandez, Announcers. Manuel & Guillermo Salas, Owners. Studios: San Rafael 14. Apartado 866.

CO-CD "La Voz del Aire," Habana (Vedado) 250 w 6.130 relays CMCD (o) "In a Clock-Store." (s) "Goodnight Melody." J. Benitez, Manager. Studios: Hotel Palace, Calle 25 y G., Vedado. Apartado 2,294.

CO-CH "General Electric," Habana 5 kw 9.437 relays CMCF. (s) "Las Golondrinas" (The Swallows). (i) Gong thrice. A Zayas Bazan, Director. Leonardo Cano, Manager. General Broadcasting Co., Owner. Studios: Prado 9, altos. Apartado 41.

CO-CM "Trans Fadio Columbia," Habana (Columbia) 9.833 relays CMCM 850 kc. Dr. Mario Garcia Navarro, Clerk. Transradio Columbia, Inc., Owners. Studios: 23 No. 482, Vedado. Apartado 33. (The QRC declines to waste postage by forwarding reports to this station.)

CO-CO Habana 2.5 kw 6.010 (s) "Caribe," Waltz. (i) Three musical notes: D flat, C and A flat. Ernesto Casas Rodriguez, Announcer. Luis Casas, Jr., Technical Director. Luis Casas Romero, Manager. Luis Casas & Sons, Owners. Studios: San Miguel 86, altos. Apartado 98.

CO-CQ "De la Crema Dental Colgate y el Jabon Embellecedor Palmolive," Habana (Aldecoa) 9.740 relays CMQ "Del Jabon Candado" 25 kw 880 kcs (s) "Siboney." Angel Cambo, Director. Miguel Gabriel, Manager. Cambo & Gabriel, Inc., Owners. Studios & Offices: Monte y Prado.

CO-CU Habana (La Vibora) 6.590 & 9.950 relays CMCU 1,290 kc/s (s) "Ondas del Danubio." Raul Pacheco, Panchito Pazos, Alvarez Nogueroles, Announcers. Roberto Garcia Serra, Manager. Jorge Garcia Serra, Owner. Plants: Estrada Palma y F. Poey. Studios: Estrada Palma No. 25, La Vibora.

COCW "La Voz de las Antillas," Habana 200 w 6.330 (s) "Estrellita" or Little Star, organ. (i) 3 Chimes. V. Gonzalez, F. Fernandez, C. Irigoyen, P. Medina, Announcers. A. Gil, Technical Director. M. Troncoso and A. Gil, Managers. Adolfo Gil Izquierdo, Owner. Studios: Paseo de Marti, 105, altos. Apartado 130.

CO-CX "La Voz del Radio Philco," Habana 2 kw 11.435 relays CMX 920 kcs (s) "Pajarillo Barranqueno." (i) 5 chimes. Mario Viera, Juan Dominguez, Elio Oliva, Ramon Menendez, Announcers. Mario Lavin, Director. Francisco A. Lavin, Manager. Casa "Lavin," Owner. Studios: Av. Simon Bolivar 76, altos (antes Reina). Apartado 32.

CO-GF Matanzas 1 kw 11.800 relays CMGF 250 w 1120 (s) "Vals Diana." Salvador de la Torre, Manager. Bernabe R. de la Torre, Owner & Director. General Betancourt 51 (Playa).

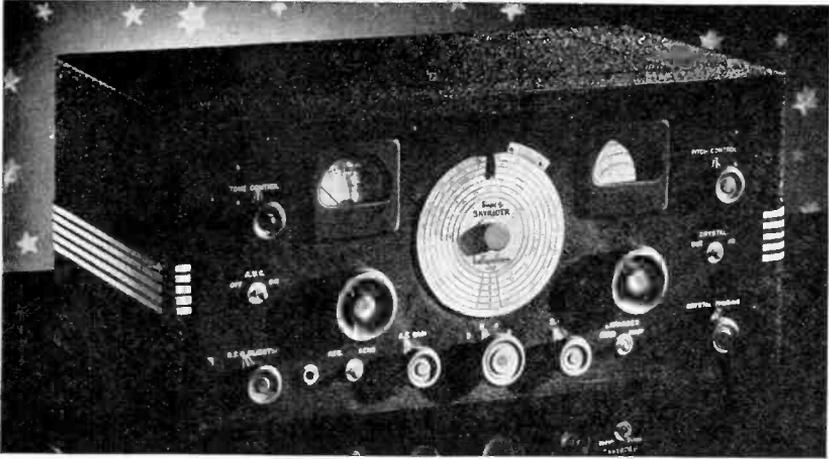
CO-HB Sancti-Spiritus, Santa Clara Province, 2 kw 6.280 relays CMHB 1240 (s) "La Traviata" (Brindis or Drinking Song). (i) 4 strokes of a gong. Adolfo Rubio and Ernesto Gonzalez, Announcers. Ortelio Ramirez Isla, Director. Vicente Weiss Arias, Manager. Vicente Weiss & Ortelio Ramirez, Owners. Studios: Serafin Sanchez No. 3. Apartado 85.

CO-JK del Radio Zenith, Camaguey 1 kw 8.665 relays CMJK de El Camagueyano (newspaper) 780 kc (i) 3 tone gong. Vincent P. Jones, English Announcer. Juan B. Castrillon, Manager. Frank H. Jones, Owner. Studios: Finlay 3, Altos.

CO-KG "Emisoras Grau," Santiago de Cuba (Loma de Quintero) 2.4 kw 8.870 relays CMKG 1,160. Manuel Grau Medina, Technician. Emilio Grau Medina, Manager. Apartado 137.

#### CZECHOSLOVAKIA

OLR "Radiojournal," Prague (Podebrady) 24-34 kw (o) Melody from Dvorak's New World Symphony on hunter's horn. (s) Bells from St. Vitus Cathedral at Praha (recording). Announcers: Leslie Hill, English; Richard Durdil, Czech; J. Horvath, Slovak. Ing. Svoboda, Director. Bohuslav Tvrdy, Manager. Government Station under direction of Ministry of Posts & Telegraphs. Offices: Praha XII, Fochova 14.



## WHAT IS A *Communications Receiver?*

**I**T'S more than just a "short wave" receiver! A communications receiver is primarily designed for efficient "high frequency" reception—a rugged, "scientific," precision-built job designed to operate at high efficiency under adverse conditions and in emergencies.

Who can design such receivers? Obviously the engineers who use them as their own hobby—and **know** what they should be.

Such men predominate in the Hallicrafters' organization. Here is a group of engineers who have been actively interested in radio since the days of spark transmitters and crystal detectors.

Today they are building fine communications receivers, putting into them all the enthusiasm and craftsmanship they lavish upon their personal equipment.

When you purchase a Hallicrafters receiver you are not only buying a fine precision-built instrument, but the product of a group of engineers whose pride and life work are represented in that receiver.

---

**Ask Your Dealer About The Hallicrafters' Time Payment Plan!**

Send for Illustrated  
Booklet completely  
describing the New  
1938 Super Sky  
Rider

the hallicrafters inc.  
2611 INDIANA AVE., CHICAGO, ILL.  
Cable Address, — "Hallicraft" Chicago

---

**"America's Leading Manufacturer of Communications Receivers"**











BROADCAST SCHEDULE—EASTERN STANDARD TIME

Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
11.402	Geneva, Switzerland	H B O										22 $\frac{1}{2}$				F
11.435	Habana	COCX					8									S
11.535	Warsaw, Poland	S P D														MTWTFSS
11.700	Santiago, Chile	CB-1170							9	10						SMTWTFSS
11.700	Panama City, R. P.	HP-5A							9							S
11.705	Motala, Sweden	S B P 3														SMTWTFSS
11.710	San Salvador	Y. S. M														S
11.713	Paris	TPA-4														SMTWTFSS
11.718	L. Marques, P. E. A.	CR7BH	4 $\frac{1}{2}$	5	6 $\frac{1}{2}$	7	9 $\frac{1}{2}$	10	11	12 $\frac{1}{2}$						SMTWTFSS
11.720	Winnipeg	CJRX														S
11.730	Huizen Holland	P H J					7 $\frac{1}{2}$	9 $\frac{1}{2}$								MTWTFSS
11.750	London	G. S. D	3	5						12 $\frac{1}{2}$						SM TFS
11.760	Guatemala City	TGWA														SMTWTFSS
11.770	Berlin	D J D														SMTWTFSS
11.780	Boston	W1XAL														MTWTFSS
11.800	Tokio, Japan	J Z J														SMTWTFSS
11.800	Matanzas, Cuba	CO-GF														SMTWTFSS
11.801	Vienna, Austria	OER-3														MTWTF
11.810	Rome	I2RO4														S
11.820	Hermosillo, Sonora	XE-BR	5				8 $\frac{1}{2}$	10	12 $\frac{1}{2}$							SMTWTFSS
11.830	New York	W2-XE														S
11.840	Lisbon, Portugal	CSW-4														MTWTFSS
11.840	Prague, Czechoslovakia	OLR4A														MTWTFSS
11.870	Pittsburgh	W8-XK														M T
11.885	Paris	TPA-5														SMTWTFSS
11.895	Agua Dulce, Panama	HP-31														SMTWTFSS
11.900	Mexico City	XE-W1														S
11.900	Valdivia, Chile	CD-1190														M, W, F, S
11.960	Trujillo City, D. R.	HL2X														SMTWTFSS
12.002	Moscow	R N E														T, F
12.235	Reykjavik	T F J														SMTWTFSS

11.82

11.87



## VERI ASSURANCE

Writing for verifications is fun, provided you get them; but, to send reply coupons without getting a reply "burns us up." Voicing the listeners' sentiment, a member has said he would not mind the expense of a coupon if certain of getting his verification. All who have used coupons know to their sorrow that no such assurance is afforded. There is but one thing certain about them and it is that they cost nine cents.

Outside the United States, private shortwave broadcasting stations are usually commercial enterprises and must keep an eye on their operating expenses. Unless they have requested the reports, they should not be censured for failure to verify at their own expense. It is not always possible for listeners to distinguish between stations except by the costly trial and error method. To protect listeners from loss, the QRC has obtained absolute assurance of the stations listed below that all correct reports received via the QRC will be verified.

### DIME VERI STATIONS

4.841 HJ3ABD Bogota, Colombia	Roberto Ramirez, Gerente
5.755 YV2RA San Cristobal, Ven.	Jesus M. Diaz G., Propietario
5.850 YV1RB Maracaibo, Ven.	Juan Suarez C., Manager
5.875 H R N Tegucigalpa, Hond.	Rafael Ferrari, Manager
5.885 HI-9B Santiago, Rep. Dom.	J. L. Sanchez, Jr., Director
6.015 HI-3U Santiago, Rep. Dom.	Moises Franco Franco, Director
6.030 XE-BQ Mazatlan, Mexico	Alejandro A. Schober, Gerente
6.085 HJ5ABD Cali, Colombia	Jorge E. Rivas, Gerente
6.122 HJ3ABX Bogota, Colombia	C. Rios Hoyos, Gerente
6.150 HI-5N Moca, Rep. Dom.	J. B. Curiel, Propietario
6.206 HI-8Q Trujillo City, D. R.	Julio O. Garcia Alardo, Owner
6.243 H I N Trujillo City, D. R.	Ernesto Soler, Director
6.360 YV1RH Maracaibo, Ven.	G. Nouel, Director Tecnico
6.610 YN-LG Managua, Nica.	Benjamin J. Guerra L., Manager
6.630 H I T Ciudad Trujillo, D. R.	F. A. Sanabria, Manager
6.668 HC2RL Guayaquil, Ecuador	Dr. Roberto Levi, Manager
6.800 HI-7P Trujillo City, D. R.	Jose M. Roques Roman, Owner
9.300 YN-GU Managua, Nicaragua	Miss Matilde Haydee Diaz, Dir
9.330 OAX4J Lima, Peru	Antonio Vazquez P., Gerente
9.500 H J U Buenaventura, Col.	Alberto Pinzon Neira, Gerente
9.520 XE-DQ Guadalajara, Mex.	Mario E. Bozzano, Manager
9.550 XE-FT Veracruz, Mexico	Jose Rodriguez Lopez, Gerente
9.580 OAX5C Ica, Peru	J. A. Umberto F., Owner
11.700 HP5A Panama City	A. Villegas Arango, Manager
11.700 CB-1170 Santiago, Chile	Luis M. Desmaras, Gerente
15.440 XE-BM Mazatlan, Mexico	Jose F. Azcona, Gerente

(See Inside Front Cover)



10 CENTS

SEPTEMBER

# SHORT WAVE REPORTER



BROADCAST SCHEDULES  
OFFICIAL IDENTIFICATION AIDS  
NEW STATIONS AND STATION NEWS



## QRC REPLY VOUCHERS

In the tropics where summer static is ever present, listeners in the interior can be reached only through short wave broadcast stations. These are licensed as commercial stations and depend upon advertising revenue for support. That operating expenses shall not exceed income is vital to their very existence. When newly on the air, they may ask reports of listeners everywhere. These they may verify just so long as their desire to receive them justifies the expense of verification. The issuance of verification cards entails not postage alone, but clerical salaries and printing costs as well.

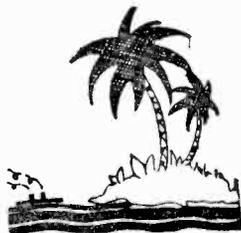
When tests have been concluded and the regular commercial program service of the station inaugurated, the only reports helpful in a business way are those that show local coverage, that is, the number of customers to be reached within the territory served by the advertisers sponsoring the programs. That such programs may have been heard in distant lands where his products are not offered for sale and cannot be bought interests the advertiser not in the least. The station might be pleased but foreign reports produce no revenue. To extend the courtesy of a verification is to incur an absolute loss. The reason why stations stop verifying is simply because of the *expense*.

Courtesy dictates that he who asks a favor should bear the expense of that favor. Those who ask for verifications customarily supply International Reply Coupons (IRC) to defray reply postage. Stations say that IRC are a nuisance of little or no value. Nor do IRC ever assure the purchaser a reply. QRC Reply Vouchers, authorized for use by Members, do provide this assurance. Costing 11c each (plus 3c postage on the order) these vouchers yield the stations of any country 10c net. It is recommended, however, that they be sent only to those stations that have agreed to honor them. These include HIZ, HJ3ABD, HRN, TIEP and more than half a hundred others, each designated in the REPORTER by a star.

Keep a supply of QRC Vouchers on hand in readiness for use. They do not expire. All unused vouchers will be redeemed instantly at face value by the QRC. The prompt verification of all correct reports, accompanied by QRC Reply Vouchers, is assured Members when requested direct of Star Stations. The satisfaction of having rendered a superlative service is the sole profit of the QRC in lending Members this assistance.

(★) QRC Vouchers honored.

# Short Wave Reporter



## HEAR SINGAPORE!

Being twelve hours and twenty minutes ahead of EST, the Singapore Time Zone approaches the acme of DX (distance) reception for eastern U. S. listeners. The Crossroads of the World now boast of a short wave broadcasting station heard with good program value on the Pacific Coast with excellent possibilities of being logged on the Atlantic. Speech and music are perfectly clear and remarkably steady, with no perceptible fading except that the carrier seems jerky, and, considering that only 400 watts power is used, signal strength is excellent.

The station is ZHP "P for Progress" on an announced wavelength of 30.96 meters or frequency of 9.69 megacycles, in parallel with ZHL "L for Liberty" on 225 meters or 1,333 kilocycles. The time for peak reception in America is during the first hour following sunrise. Usually they are on the air from 4:40 till 9:40 a. m. EST, which, in terms of PST, means that concluding announcements and sign off may be expected at 6:40 a. m. or shortly thereafter. London is relayed from about 5:30 till 6 a. m. PST, followed by dance music or popular recordings, titles of the latter being announced at the opening and close of the period with none between. Reports may be addressed The British Malaya Broadcasting Corporation, Limited, Thomson Road, Singapore, Straits Settlements, British Malaya. Leave is taken much in the style of Daventry, for instance: "Then until 5 o'clock tomorrow evening, good night, every body . . . good night."

Actually ZHP is about 30 kilocycles above COCQ Habana 9.670 (when last observed) and 40 below an unknown French station on 9.740, believed to be the Boy Landry station of Saigon. This latter station leaves the air at 6:15 a. m. PST with the playing of La Marseillaise.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.  
10 Cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1938 by E. J. Shields, Chots.  
Advertising accepted of reputable firms only. Rates on application.

**AFRICA**

From the South African Broadcasting Corporation comes the following reminder: "Don't forget that we use Afrikaans (a form of Dutch) in many short wave transmissions. Mention of this is useful in requesting QSL."

**NICARAGUA**

Miss Matilde Haydee Diaz, Owner & Operator of "Alma Nica" YNGU of Managua, a Star Station assigned 9,300 kc, kindly informs the QRC of the installation of new equipment with 500 watts power, that formerly used having been rated at 50 watts only. All correct reports accompanied by QRC Vouchers will be instantly verified.

By air-mail, Sr. Moises Le Franc D., Owner & Operator of YNLF, The Voice of Nicaragua at Managua, Distrito Nacional, most courteously advises the QRC that he is in perfect accord with the verification of correct reports accompanied by QRC Reply Vouchers. Station details are given below.

On the air since March 1, 1938, Station "Gilfillan," owned and operated by Dennis E. Gallo of Leon, Nica., broadcasts on a frequency of 7,128 kc. Amateur contacts are

also made on 14,256 and 28,512 kc, this being the only 10 meter amateur station in Nicaragua. QRC Reply Vouchers will be unfailingly honored. No street address necessary.

**ARGENTINA**

Full and complete information in respect of the new Government station LRA of Buenos Aires will be found in the Station Data section of this issue, through courtesy of a reporting QRC Member of that city. Provisionally operating with 500 watts power on three frequencies, this station will eventually use 10 kw in the antenna. Morning experimental transmissions may be heard with a fair degree of regularity from 10:30 a. m. till 1 p. m. EST on 11,730 kc, while the channel of 6,180 kc is often used in the evening in parallel with 9,690 kc over which programs are regularly broadcast.

**FINLAND**

Owing no doubt to interference by other stations, QRC Members have yet to report the reception in North America of the Lahti stations said to be testing with 1 kw power on 9,500 and 11,780; or the Helsinki station using but 200 watts on 6,120. The frequencies of 15,190 and 17,800 are said to have been assigned a transmitter yet to be built.

★YN-LF "La Voz de Nicaragua," Managua, D. N., 1 kw 9,660 & 7,660. (i) Ticktack of a clock. F. J. Pinell, Announcer. Ing. M. Le Franc D., Technician. Moises C. Le Franc D., Owner. Studios: Calle 15 de Setbre.

7.660 YNLF                      9.660 YNLF                      7.8                      SMTWTFS

★YN3DG Station "Gilfillan," Leon, Nica., 200 w input 7.128 (s) "El Relicario," March. Denis E. Gallo, Owner & Operator.

7.128 YN3DG                      2.2½                      8½9½                      MTWTFS

**CHINA**

ZTJ of Hankow, normally a phone station on 11,690 kc, is reported by a west coast member to be broadcasting daily at 1 and 8 p. m. Central China Time (12 midnight and 7 a.m. EST) the afternoon session being all in English, while the evening session is in various languages. Reports are requested addressed P. O. Box 90, Hankow.

**DENMARK**

Listeners report special broadcasts for America by the Skamleback station OZF 9,520 kc generally between the hours of 7 and 10 p. m. EST. The sister station OZH 15.165 has been reported irregularly near noon EST.

**PARAGUAY**

The "scoop" of the month comes to us by air-mail from a QRC Member of the Argentine. Details of Radio Nacional ZP-8 of Asuncion, a new station—and for many a new country—operating on an assigned frequency of 9.280 kcs, will be found in a foot-note of this issue. Listeners on the east coast have been hearing this new station near 9,264 kcs from 6 till 8:30 p. m. EST. Our special thanks to the reporting Member.

**MARTINIQUE**

In a letter to a QRC Member, Manager Seri of Radio-Martinique, Fort-de-France (F.W.I.) 9,700 kc, advises that the call FZF6 is an error of radio magazines, that being the call of a Martinique Morse station operated by the Government. "We have no call letters, our call being Radio Martinique." The power of his station having been increased to 1.5 kw, M. Seri will appreciate new reports.

**SWEDEN**

A reporting Member kindly supplies the latest operating schedule of the Swedish short wave broadcast stations, that of particular interest being the special program for Swedish-American listeners twice weekly, Wednesday and Saturday nights from 8 till 9 p. m. EST over SBO 6,065 kc with 12 kw power. The QRC has conveyed this information to the American stations operating on adjacent channels with the thought that, in deference to their Swedish-American friends, they might wish to relinquish the hour in question. If it should be noted that the stations extend this courtesy, Members logging Sweden might drop them a note of appreciation. Such courtesy should not lack recognition.

ZP-8 "Radio Nacional," Asuncion 1 kw 9.280 relays ZP-4 "Radio Nacional." Hector Noriega, Sixto Rodriguez, Announcers. Cesar M. Saccarello, Technician. M. Martinez Lema, Director. Miguel Isern, Manager. Ysern & Saccarello, Owners. Studios: Coronel Martinez 274.

9.280 ZP8 7 $\frac{1}{2}$ --9 2 $\frac{1}{2}$ 3 $\frac{1}{2}$  7.8 $\frac{1}{2}$  Testing

★HP-5G "Ron Dalley," Panama City 750-1500 w 11.780 (s) "Traviata Prelude." (i) None. Inez E. Nelson, and A. Hoffman, Announcers. B. Hoffman, Technician. Alfredo Graziani, Director. Salvador Graziani, Manager. Studios: Calle 30 este (Exposition Grounds). Apartado 1121.

11.780 HP5G

6-----10

SMTWTFS

## SPAIN

Three daily broadcasts directed to North America are announced by station EAQ "The Voice of Republican Spain," Madrid, on a frequency of 9,860 kc. Time: 3:40, 6:30 and 7:40 p. m. EST. Address: Apartado 951. Reports desired but no verification cards promised.

From the other camp comes advice that the following are the principal National Stations, Malaga and Tenerife being included because they also relay Radio Nacional de Burgos (formerly Salamanca):

- 6.750 Radio Nacional AZ, Madrid  
Front
- 7.000 FET-1 Valladolid
- 7.050 Radio Nacional AZ, Madrid  
Front
- 7.125 EA9BJ Alcazarquivir
- 7.152 EA8AE Las Palmas
- 7.204 Radio Espana, San Sebastian
- 7.220 Radio Malaga, Malaga
- 7.248 Radio Espana, Bilbao
- 7.351 FET-5 Burgos
- 7.500 Radio Nacional de Espana,  
Burgos (ex Salamanca)
- 7.717 EA2BH Jaca
- 10.370 Radio Tenerife Tablero 12 kw
- 13.992 EA9AH Tetuan
- 14.115 EA2BH Jaca
- 14.440 Radio Malaga, Malaga

## COLOMBIA

At the conclusion of the special broadcast of June 4, announced in the REPORTER, listeners were advised by station HJ3ABD of Bogota that, owing to summer static on the 60 meter band, these special broadcasts in English would be suspended until 11:30 p. m. EST October 1. By letter this suspension was confirmed "until further notice." If resumed, they will probably be as formerly the first and third Saturdays of each month, beginning at 11:30 p. m. EST on 4.841 kc.

## ECUADOR

Alfonso E. Wilmot, Owner & Operator of station HC2CW "Ondas del Pacifico" Guayaquil, kindly advises of the increase in power of his station from 50 to 300 watts. Official frequency is 9,300 kcs and all correct reports accompanied by QRC Vouchers will unfailingly be verified. For further details of this Star Station, please see Station Data section of this issue.

Listeners report HCJB "The Voice of the Andes," Quito, on 12,460 kc evenings, and also 14,420 kc with English only from 10 till 10:15 p. m. EST nightly except Mondays.

RR6 "Radio Requete," Vitoria, Spain 500 w 11.991. Relays "Radio Nacional de Espana" occasionally. "Requete" is the name given Spanish volunteers in the service of Franco, uniformed in khaki and red beret. Army station with studios at Postas, 19, Vitoria.

11.991 RR6 4-5 8-10 1-2 4-7 SMTWTFS

OAX4P "Radio Huancayo, La Voz del Centro del Peru," Huancayo 200 w 5.990 (o) "Drunt in der Lobau" (Heinrich Strecker) by Lajos Kiss and his Zingaros. (i) 3 xylophone notes. (s) "Amanecer andino," danza incaica by the Peruvian composer Daniel Alomia Robles. Alfredo Elejalde G., Announcer. Ing. Alberto Madueno and Manuel Falconi, Technicians. Alfredo Elejalde G., Manager & Director. Ing. Alberto Madueno, Owner. Studios: Loreto 201. Apartado 187.

5.990 OAX4P 12-1 9-11 SMTWTFS



## OUR GARDEN

It is fine to single out a few stations with full directions for logging them—keeps our interest aroused and we go get them at once.—A. Wendell Field, QRC 1303, Calif.

I have been reading the REPORTER now for four months and like it very much. I would like to see the "Hear Page" extended to cover more than one station a month. I probably would never have logged HJ3ABD if it hadn't been on the "Hear Page" as I seldom tune below the 49 meter band.—Herman Schafer, QRC 1368, Mich.

The REPORTER at hand today and I'm ordering a supply of QRC Reply Vouchers before vacation. I think this a very good plan and hope more stations will cooperate in this way with the QRC. Station addresses are very helpful and I also like Our Garden as through it we get to know our fellow members. Once in a while I am able to hear SM5SX late afternoons and they always sign off with the Swedish

National Anthem "Du Gamla du Fria," usually instrumental but at times vocal at 5:00 or 5:05 p. m. EST; also giving calls and frequencies of all three stations in English.—Gustave A. Magnuson, QRC 1002, R. I.

Will you kindly enroll me boots and all in your Society, which is one of the best I've heard of. By the way, I sent reports to about 200 hams in the States and only 25 had the courtesy to QSL. Tough luck on me. Will you kindly forward my No. in Society all speed, please?—Ernest H. Stephan, QRC 1418, South Africa.

## U. S. A.

Plant Manager Dwight A. Myer of the Westinghouse Electric & Mfg. Company's station W1XX of Millis (with studios in Boston) kindly advises that W1XX has a directional antenna beamed toward Cape Town, South Africa, used daily until 4:00 p. m. EST, after which all transmission is over a non-directional antenna.

★YV5RC "Radio Caracas," Caracas 1 kw 5.970 relays YV5RA 5 kw 960 kc (s) March "Radio Caracas" by Carlos Bonnet. (i) 4 Chimes. Domingo Hurtado, Antonio Castes, Oscar Rickel, Eugenio Gonzalez, Felix Martinez, Edmundo Brice, Leon Bravo, Francisco Fossa Andersen, Carlos Fernandez, Announcers. Jose Marciano, Technician. Alcides Toro, Sub-Director. Ricardo Espina, Director. C. A. Almacen Americano, Owner. Studios: Pajaritos a La Palma. Apartado 2009.

5.970 YV5RC 7 $\frac{1}{2}$ --9 $\frac{1}{2}$  11-----2 4-----10 $\frac{1}{2}$

SMTWTFS

★YV6RC "Radio Bolivar," (Emisora guayanesa) Ciudad Bolivar (Orinoco River) 500 w 6.420 relays YV6RD 1,450 kc (s) "Marcha Venezuela." (i) Gong and Chimes of Clock. J. M. Guerra, P. Silva J., Carlos Key, O. Tortosa, Julio Vidal, Announcers. P. E. Beherens, Technician. Jose Francisco Miranda G., Manager. Miranda & Beherens, Owners. Studios: Amor Patrio 37.

6.420 YV6RC 10-----1

6-----10

MTWTFS

Before requesting verifications via QRC I spent much time and money on some stations that never answered, in one instance sending first an IRC, the second time a 5c US stamp, and the third time a dime, but without result. In protecting listeners against such losses by assuring them of their verifications, the QRC is rendering a real service and doing much to prolong interest in the sport. QRC reply vouchers that afford this assurance are truly a convenience and their use should prove most popular with all fans intellectually capable of appreciating so fine a service.—Gerald Cote, QRC 1124 P. Q.

Am sending you one of my new cards with the request that members be advised that I exchange cards only, having no time for the swapping of fotos, views, stamps or anything else, as I'm out of town a great deal which prevents my attending other hobbies.—QRC 637, Ricardo F. Rubio, Calle 10 No. 407 entre 17 y 19, Vedado, Habana, Cuba.

Have been a member of the QRC since December and greatly enjoy the REPORTER. Having been traveling most of the time of late it has not been possible for me to devote as much of my time as I should have liked to this pleasure. Now that I'm home for a spell, I

shall have more spare time to spend in the company of my Scott Philharmonic and my assistant, the REPORTER. You will be hearing from me soon as I do want to help the REPORTER to continue its excellence and to help by furnishing information as others do, thereby benefiting each and every member.—Chas. A. Marion, QRC 1208, La.

The REPORTER holds to its high standard. The only complaint I have is the absence of the FB Log—but I realize the difficulties of keeping such an undertaking up to date, and no log is perhaps better than an out-of-date one.—QRC 215, Thos. F. Waters, Ohio.

I have a collection of 700 SWL cards from 47 states and 23 countries. If anyone has a card from any SWL in Nevada, I would appreciate the QRA. Will swap cards with anyone; QSL to SWL cards 100 pc; swap lists of QRA's.—QRC 1111, J. I. Vaught, Box 1424, New Orleans, La.

Radio station in Dutch Guiana and station in British Honduras should be gotten after for not verifying. I believe you know the ones that I mean. Should attempt to get stations to verify through the QRC, if at all possible.—Guy R. Bigbee, QRC 219, Ga.

W8XAL Cincinnati (Mason) Ohio 10 kw relays WLW "The Nation's Station" 700 kc (s) "Star Spangled Banner." R. J. Rockwell, Technical Supervisor. The Crosley Radio Corporation, Owner. Studios: 1329 Arlington St. 9.590 W8XAL 11.870 W8XAL 15.270 W8XAL

6.060 W8XAL

5 3/4 ----- 12

5 3/4 ----- 2

11 ----- 2

9 ----- 2

S T F

W

SMTWTF S

M T S

To the superb collaboration so generously given by the following fellow-members is credited the surpassing excellence of this 40-page issue:

**QRC REPORTING MEMBERS**

- 8 Henry V. Miner, Mass.
- 64 Frank R. Grey, Ill.
- 84 Comdr. R. B. Hammes, N. C.
- 97 J. R. Mappin, Calif.
- 145 Margaret Hamilton, Mich.
- 163 Robert L. Weber, Ill.
- 165 Thomas G. Grey, Ill.
- 167 Paul Dilg, Cal.
- 174 Thos. Van Auken, Tex.
- 215 Thomas F. Waters, Ohio.
- 218 Merton T. Meade, Mo.
- 252 Walter L. Chambers, Mass.
- 286 Roger Legge, Jr., N. Y.
- 297 Floyd M. Murphy, Ill.
- 326 Robert R. Irwin, Ill.
- 384 Lewis F. Miller, N. Y.
- 392 R. B. Oxrieder, C. Z.
- 398 Martin J. Olthoff, Kans.
- 562 Sgt. A. W. Brummund, Utah.
- 571 Robert B. Park, B. C.
- 593 Sam Swope, Ind
- 650 Robert F. Meade, Mo.
- 773 Carlos Ramirez G., Cuba
- 841 "Tex" Andrews, Tex.
- 855 Stanley Brus, Pa.
- 912 Melvin W. Oliver, Tex.
- 917 Dr. Pablo Franquet, Arg.
- 1000 Jack Reiter, Cal.
- 1002 Gustave A. Magnuson, R. I.
- 1006 Dr. J. S. Pugh, Tex.
- 1023 James F. Dyer, Va.
- 1124 Gerald Cote, P. Q.
- 1169 J. D. Gallivan, C. Z.
- 1211 Ray Dissinger, Kans.
- 1303 A. Wendell Field, Cal.
- 1320 G. E. Mills, Ont.
- 1324 Chas. M. Robinson, Ia.
- 1347 Alfred H. Bacon, B. C.
- 1361 C. B. Calder, Ill.
- 1362 Joseph Kozalka, Ct.
- 1363 J. P. Michalski, Jr., Ill.
- 1368 Herman Schafer, Mich.
- 1378 John O'Leary, N. Y.
- 1379 Edward Walpole, Cal.
- 1383 Thos. P. Shumaker, Pa.
- 1412 Everett C. Glenn, Mich.
- 1429 Harold Satterthwaite, Cal.

Radio has interested me for over 20 years and I have built a great many sets and amplifiers, but during the last year have done nothing along that line. I have tried out almost every kind and make of antenna, but my present one is beyond comparison with all others. It consists of two separate doublets crossing at right angles; the four down leads are twisted and are connected to a switch having nine combinations; two leads from this switch box lead to a tuned antenna coupler. This hook-up gives you the instant choice of doublets, L's, V's and of course you can get a certain amount of direction. I have verifications from all over the world, but have never been able to pry one out of the Dominican Republic. Out of fifteen sent to Mexico (and they were all full reports) I've had just one reply. What's the answer?—Earl G. Bartels, QRC 1394, Colo.

**FOTOS**

No more than a tepid interest having been evinced in the fotos of fellow members, no longer will they appear in these pages. In their stead there are submitted for your approval four pages of station and listener cards. Whether this feature is to be continued or not will be determined by your immediate response. If you like this feature and wish it continued, it is up to you to say so at once. The cost of reproducing cards is fifty cents each. Swappers of SWL cards who wish their own card published may have it done upon defraying its cost. Only white cards photograph well.

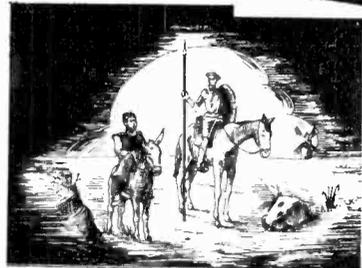
FREQUENCY - 9.700 KC.  
 POTENCIA - ANTENNA - 200 WATTS

14° 36' 50"

**WORLD**

**WORLD**

**SERIAL**



**RADIO NACIONAL**



**WALLA WALLA**  
 Washington, U. S. A.  
**QRC 329**  
 MEMBER  
 Quixote Radio Club

**W** Radio \_\_\_\_\_  
 h/d hr at \_\_\_\_\_ m., PST  
 OSA \_\_\_\_\_ R \_\_\_\_\_  
**7** QRN \_\_\_\_\_ QRM \_\_\_\_\_  
 QSB \_\_\_\_\_  
 S Band \_\_\_\_\_  
 Freq. \_\_\_\_\_

"The Evergreen State" **W**  
**L**

Receives: MIDWEST 18  
 Remarks: \_\_\_\_\_

NEW WARS:  
 1711 Maple av.  
 Pullman, Wash.

**QRA**  
 DON F. ADAMS  
 214 E. Poplar St., Walla Walla, Wash.

*Don Adams*

1440  
 KC  
 6150  
 KC

**HISN**  
*(The Most Advanced Transmitters)*

SANTIAGO

OPTIMICANA  
 ILLAS

**RADIO SERVICE**

EMISION DE ONDA CARTEL DE LA V

**CHILE**

Agradecemos a Ud su amable atencion que es la conforme con nuestro registro.

DESMARAS y CIA. Lda  
 Casilla 761  
 Santiago de Chile

**RADIO CARACAS**

OUR SLOGAN: "a la N"

**YV5RC**

8.89  
 1000  
 KC WATTS

**RADIO CARACAS**  
**YV5RA YV5RC**  
 960 KC. 5800 KC.

Best wishes from Caracas, the city of perpetual spring.

*Manoel de Oliveira*  
 DIRECTOR

GRÊMIO DOS RADISTAS DA COLONIA DE MIGRANTES  
 CAIXA POSTAL 834  
**LORENÇO MARQUES**  
 Alameda Portugal

**CR7AA**

TRANSMISSOR CULMB. TIPO 300-6A.

**HAROLD LEVISON,**  
 1330 North Marvine Street  
 MEMBER QUIXOTE RADIO CLUB ORC 406  
 RADIO Ur Sigs wkd  
 at M-EST on 193  
 QSA R ORM

**SWL**

RECEIVER: SILVERTONE 1981.

Remarks: PSE QSL TNX. Vy 73's  
 PHILADELPHIA, PENNSYLVANIA. UNITED STATES OF AMERICA.



RANGE WITH  
 H. I. B. - Q

TARJETA DE VERIFICACION

H. I. B. - Q  
 8206-1475 KILOCYCLOS  
 CIUDAD TRUJILLO, R. D.  
 En Recuerdo de Fecha: 130 de  
Octubre 1932  
 O.K. GRACIAS  
 JULIO D. GARCIA A.  
 PROPIETARIO

*Quixote Radio Club*  
 Box 772  
 Santa Barbara, Calif.  
 U.S.A.

**QSL Card**

FROM RADIO CLUB SONSAY  
 TO: Walter d. Chambers  
 1434 N. 7th Street, Seattle, W. 1

1434 METRES  
 855 KILOCYCLES  
 9565  
 49.8

*Walter d. Chambers says  
 "I was in the States and heard the above  
 station on 5th March, 1938. Thanks  
 for station QSL's."*

Die Deutsche Reichspost  
 dankt Ihnen für die Beobachtung ihres Kurzwellensenders

**Zeefen**

und bestätigt die Richtigkeit ihres Empfangsberichtes vom 17.3.38 über  
 DJF auf Welle 11780 kHz

Funkleitbüro  
 Bernfl. W 66, Leipziger Straße 15

*Widmann*

Mostrada de la tarjeta de verificación de la:

Estación Radiodifusora Jf. N. S. Nl.

**"Alma Rica"**

Managua, Nic., C. A.

APARTADO No. 295 TELEFONO 1

FRECUENCIAS

HORAS DE TRANSMISION:

*Señor Jf. J. Shields Sweet's Radio Club  
 Santa Barbara, Calif. U.S.A.  
 90 Box #772*

**Verificación**  
 sinceramente agradecidos  
 por su atento reporte

**RADIO SANTANDER**  
 OPERADA POR LA  
**SANTANDER BROADCASTING**

HJ7 - ABA 1280 Kcs  
 280 Watts  
 HJ7 - ABB 4820 Kcs.  
 750 Watts  
 BUCARAMANGA  
 SANTANDER REP DE COLOMBIA S. A.

Station **YN3DG** Leon,  
 GILFILLAN Nicaragua,  
 C. A.

**NICARAGUA GREETINGS**

Your Station *QSA* R Sigs. *Revva*  
 Time *CST* 19  
 Remarks

Receiver  
 Breting 12.

D. E. GALLO,  
 OPERATOR.



BROADCASTING HOTEL MERCEDES

**HI 9 B**

Complacen en acusar recibo de su  
 forma de recepción, cuyo envío agradecemos.

SANTIAGO DE LOS CABALLEROS  
 REPUBLICA DOMINICANA

STATION DATA

The facts herein briefly presented have been obtained, with the aid of Members, from those highest in authority—the Stations themselves—half this Section, with revisions, being published monthly.

Time: Eastern Standard, 5 hours behind GMT.

Symbols: (o) Opening Theme; (i) Interval or Identifying Signal.

(s) Opening and/or Closing Signature.

(★) QRC Reply Vouchers honored.

ANGOLA

CR6AA "Estacao Radio Difusora do Lobito," Lobito 1750 w 7.177 and 1300 kc regularly, and 9.666 irregularly. (i) Three piano notes. (s) Military March. Manuel de Seixas and Miss Pepita Graca, Announcers. Alvaro de Carvalho, Owner & Operator. Caixa Postal 103.

7.177 CR6AA

2½--4

M W S

ARGENTINA

LRA "Radio del Estado," (State Radio) Buenos Aires 10 kw (provisionally 500 watts) relays LRA 10 kw 750 kc (s) "Toque de Silencio" (Lights Out). Government Station under the Direction General of Posts & Telegraphs, operated by personnel of the Oficina de Radio-comunicaciones. Address: Oficina de Difusion, Palacio de Correos y Telegrafos, Buenos Aires.

11.730 LRA	10½---12			S
	10½-----1			MTWTFS
9.690 LRA	6.180 LRA	7---9		S S
		5½-----9		MTWT
		4-----9		F
18.115 LSY-3		4.5½		F

★LRU "Radio El Mundo," Buenos Aires 7.5 kw 15.290, ★LRX 10 kw 9.660—Relay LR-uno 50 kw 1,070 (s) Theme without title composed especially for Radio El Mundo by Maestro Alberto Castellanos. (i) 4 vibraphone notes. Argentine Standard Time one hour ahead of EST. Roydon M. Hummel, Manager. Editorial Haynes Lda. S. A. (publishing house) Owners. Calle Maipu, 555.

15.290 LRU	8---10			SMTWTFS
9.660 LRX	10½-----11½			SMTWTFS

AUSTRALIA

VK2ME "The Voice of Australia," Sydney (Pennant Hills) 20 kw 9.590 (s) National Anthem. (i) Kookaburra laughter. P. Geeves, Announcer. Amalgamated Wireless (A/sia) Ltd., Owners. 47 York Street. Box 2516 BB G.P.O.

9.590 VK2ME		12½--2½	S
	4½-----8½9½---11½		S

VK3ME Melbourne (Braybrook) 1.5 kw 9.510. C. T. Sproule, Announcer. Amalgamated Wireless (A/sia) Ltd., Owners. Verifications: Broadcasting Department, "Wireless House," 167-169 Queen Street, P. O. Box 1674 N, Melbourne, C.1., Victoria.

9.510 VK3ME	4-----7		MTWTFS
-------------	---------	--	--------

VK6ME Perth, (Applecross) Western Australia 2 kw 9.590. For series: Amalgamated Wireless (A/sia) Ltd., Box 2516 B B G.P.O., Sydney N. S. W.

9.590 VK6ME

6...8

MTWTFS

VLR "The Australian National Short Wave Station," Melbourne (Lyndhurst) formerly VK3LR-1 kw (soon to be increased to about 3 kw) 9.580 (s) National Anthem. (i) Three gong notes in ascending order. Australian Broadcasting Commission, Short Wave Division, T. & G. Building, Collins Street, Melbourne, C. I. Box 1686 G. P. O.

3-----7½  
-----8½  
-----8½

10¾-----  
10¾-----

S  
MTWTF  
S

VK9MI "Only Ship's station in the world licensed to broadcast musical programs." M/v KANIMBLA 50 w 6.010, 11.710 (o) Ship's bell, ship's siren, and KANIMBLA theme song. (s) "Sweet Dreams" followed by "God Save the King." Broadcasts on average thrice weekly, 7 till 7:30 a. m. EST. Miss Eileen Foley, Announcer. C. Robison, Technician. Owners; McIlwraith McEacharn Ltd., 94-96 William St., Melbourne. Box No. 255c G.P.O., Melbourne, Australia.

**AUSTRIA**

OER-2 "Radio Wien," Vienna (Rosenhugel) 1.5 kw 6.072 & OER-3 11.801 (s) National Hymn. (i) Ticking of Clock. "Hallo, hallo, Ravaq, Vienna calling OER-2 and OER-3." Men announcers. Oesterr. Radioverkehrs A. G., Owners. Vienna, I, Johannesgasse 4b. 6.072 OER-2

11.801 OER-3

9-----5  
9-----5½

MTWTF  
S

**BELGIUM**

ORK "Radio Ruysselede," West Flanders 9 kw 10.330 (s) "Brabanconne" National Anthem. Languages: French and Flemish. Announcement: "Ici Bruxelles I. N. R. Emission speciale pour le Congo par la station de Ruysselede ORK 29 m 04." Regis des Telegraphes et des Telephones, Direction des Radiocommunications, Bruxelles.

10.330 ORK

1½-3

SMTWTFS

**BOLIVIA**

CP-1 "Radio Chuquisaca," Sucre, Bolivia, 400 w 9.890, 1.380 & 14.544 (s) "Twenty Years," march. (i) Clarines (Bugles). Carlos Torrez R., Announcer. Antonio Torrez G., Manager. Jose Camacho B., Owner & Director. Studios: Grau No. 19. Casilla No. 15.

9.890 CP-1

11-12½ 5½-7 8½-10½

SMTWTFS

CP-15 "Radio Condor," La Paz "51 meters." Studios: Indaburo 470. Casilla 846. (Under alterations.)

**BRAZIL**

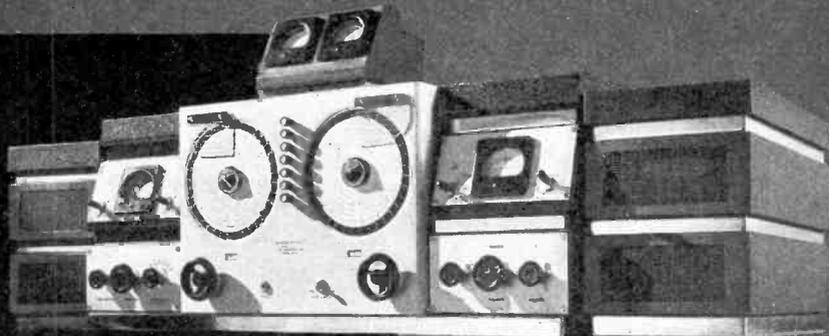
★PRA-8 "A Voz do Norte," Recife 5 kw 6.010 & 25 kw 720 kc (s) "Hymno Nacional Brasileiro." Time signal at noon and 7 p. m. Central Brazilian Time, 2 hours ahead of EST. News at 9:45 a. m. and 4:45 p. m. EST, introduced by sound effects. Nelson Ferreira, Art Director. Otto Sihler, First Operator. Oscar Moreira Pinto, Director-Superintendent. Radio Club de Pernambuco, S. A., Owners. Plant: Estrada do Arraial 3014. Studios & Offices: Av. Cruz Cabuga 394.

6.010 PRA8

9-----12 1---3 4-----9

SMTWTFS

# WHY DIVERSITY RECEPTION?



## WHAT THE SKYRIDER DIVERSITY DOES FOR AMATEUR RECEPTION!

All amateurs are more or less familiar with the principles of Diversity Reception. The idea of using two or more receivers with individual antennae for the reception of short wave signals is not new. Receiving stations built by the commercial radio companies to operate on this principle have been phenomenally successful in the reduction of fading and improvement in the quality of reception.

However, Diversity Reception as practiced commercially, where each receiver is individually tuned, the second detector outputs being tied together across a common load, and the signals combined after rectification, is not practical for amateur communications work, where ease and rapidity of tuning to a number of signals is essential.

The SKYRIDER DIVERSITY is the result of several years of intensive experimental work, directed toward one object—the development of a means to provide the highly desirable advantages of Diversity Reception for the amateur in practical and easily operable form. It is the first receiving system to offer these advantages with a single tuning control—entirely practical for amateur operation,—and consists of two complete r.f., i.f. and second detector circuits with a common r.f. heterodyne oscillator, common AVC and one audio amplifier.

The principle advantages of Diversity Reception as offered by the SKYRIDER DIVERSITY are as follows:

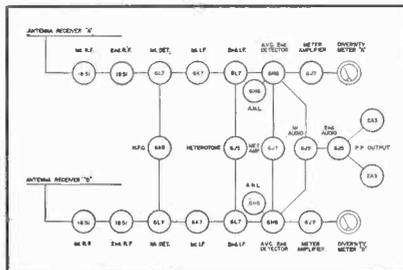
1. Reduction of fading to negligible proportions.
2. An increase of Signal Strength over any single receiver.
3. Improvement of Signal-to-Noise ratio over any single receiver.
4. Reduction of Heterodyne Beat Note Interference.

The Diversity action of the SKYRIDER DIVERSITY is clearly demonstrated by the two diversity meters, which indicate the fading effect in the two separate circuits. Under normal conditions in long-distance, high-frequency reception, they will rise and fall from zero to plus 9, rather rapidly, but will seldom rise or fall in unison. In fact, they give the illusion of being oppositely geared together—as one falls the other rises and vice versa. Meanwhile the signal level meter on the main panel, reading the combined signal strength from both antennae, shows that the resultant output of both receivers remains practically stationary and indicates the improvement effected by the Dual Diversity System.

While it has been generally understood that proper diversity action could be obtained only with widely separated antennae, experience has proved the contrary. Fair Diversity action can be obtained with paralleled antennae separated as little as 10 feet, although it is desirable, where circumstances require antennae in such close proximity, to have them at right angles to one another or in different planes, as one horizontal and the other vertical.

It is with a real sense of achievement that the Hallicrafters offer Diversity Reception to the amateur with the SKYRIDER DIVERSITY. For a more complete discussion write for reprint of QST articles by J. L. A. McLaughlin and Karl W. Miles on Diversity Reception.

See the SKYRIDER DIVERSITY at the  
National A.R.R.L. Convention  
Chicago Sept. 3, 4, 5, 1938



TUBE LAYOUT OF SKYRIDER DIVERSITY!

# the hallicrafters, inc.

2611 INDIANA AVE., CHICAGO, U.S.A.  
Cable Address, "HALLICRAFT" Chicago

"World's Largest  
Builders of Amateur  
Communications Equipment"

★PRF-5, PSA, PSE, PSH Rio de Janeiro (Marapicu) 60 kw (s) "Brazilian National Anthem." ★PSH 10.220 "Hora do Brasil" program daily except Sundays; Portuguese and English Mondays; Spanish Fridays. ★PSE 14.935 to Germany Wednesdays; to Italy Thursdays; to France Saturdays. ★PSA 21.080 first Thursday of each month only. ★PRF-5 9.501 silent at present. Cia. Radio Internacional do Brasil, Owners. Studios: Rua Theophilo Ottoni, 74. Caixa Postal 709.

10.220 PSH	6.7 6.7½ 7½8 ½	MTWTF F
14.935 PSE	4.4½ 3.3 ½ 4.4½	M W T S
21.080 PSA	11½12	23rd of Month First Thursday

**BRITISH GUIANA**

VP3BG "The Voice of Georgetown," Georgetown (Demerara) 400 w 6.130 (o) Toselli's "Serenade." (s) "Goodnight" with vocal by Charles Kellman, Announcer. Charles Kellman, Manager & Director. Crystal Broadcasting Co., Owner. Studios: Philharmonic Buildings. P. O. Box 11.

6.130 VP3BG	3½-----7½	MTWTF S T T S
	10½11½	S
	6¾--8¾	4½--6½

**BRITISH HONDURAS**

ZIK-2 Belize 200 w 10.600. CST April through September; advanced 30 minutes October through March. D. Fairweather, Superintendent. Government Radio Station.

10.600 ZIK-2	1½2	8½9	T T S
--------------	-----	-----	-------

**BRITISH WEST INDIES**

VP2LO St. Kitts (Basseterre) B. W. I., 500 w 6.380 & 12.760 (o) "Rule Britannia." (s) "God Save the King." Announcements in English by a man, occasionally by a woman. R. D. Stewart, Manager. Caribbean Broadcasting Service (Subsidiary of ICA Radio Sales & Service) Owners. Studios: West Square Street. P. O. Box 88.

6.380 VP2LO	10.10½	7½-	W
	4.4½		SMTWTF

**BULGARIA**

LZA "Radio Sofia, Stara Zagora and LZA," Sofia 1.5 kw 8.465 (s) "Tshoumi Maritza," National Anthem. (i) None. Peter Vitanoff, Elena Shopoff, Ventchi Dobрева, Announcers. Panaote Todoroff, Sirak Skitnik, Directors. Kiril Andreeff, Manager. Government Station. 19, rue Moskovska.

8.465 LZA	5.6½	11½-----2½	T F
	5.6½	11½-----4	M T
	5.6½	11½-----4½	W
	5.6½	10½-----5	S
		11½--	S

**CANADA**

CFCX Montreal, P. Q. (ex VE9DR) 6.005. Relays CFCF. Victor F. Nielsen, Mgr. Canadian Marconi Co., Owners. Box 1690.

6.005 CFCX	8-----10½	S
	6¾-----12	MTWTF

CFRX "The Rogers Short Wave Station," Toronto (Aurora) Ontario 300 w 6.070 (o) "Oh! Canada." (i) None. (s) "God Save the King." Harry Sedgwick, Managing Director. Rogers Majestic Corp., Owners. 37 Bloor St. W.

6.070 CFRX 10-----11 S  
6½-----11 MTWTFS

CJCX Sydney (South Bar Road) N. S. 1 kw 6.010 relays CJCB 1 kw 1,240 kc. Eastern Broadcasters, Ltd., Owners. Studios: Radio Bldg.

6.010 CJCX 7-----1½ 4-----8½ SMTWTFS

CJRO Winnipeg, Man. (ex VE9CL) 2 kw input 6.150—CJRX (ex VE9JR) 2 kw input 11.720. H. R. McLaughlin, Mgr. of Radio Division, James Richardson & Sons, Ltd., Royal Alexandra Hotel.

11.720 CJRX 6.150 CJRO 6-----12 MTWTFS  
3-----10 S

VE9CA Calgary, Alta. (Strathmore) 6.030. Relays CFCN. The Voice of the Prairies, Ltd., Toronto General Trusts Building, Calgary

VE9DN Drummondville (Montreal) P. Q. 6 kw input 6.005. In winter, relays "Northern Messenger" program. Canadian Marconi Co., Owners, 211 St. Sacrament St., Montreal, P. Q. Verifications: Canadian Radio Broadcasting Commission, King's Hall Building, 1231 St. Catherine Street W., Montreal, P. Q.

VE9HX "The Short Wave Experimental Transmitter of the Key Station of the Maritimes," Halifax (Bedford) 500 w 6.130 relays CHNS (o) "The Maple Leaf for Ever." (i) Four Chimes. (s) "God Save the King." Major Wm. C. Borrett, Managing Director. Maritime Broadcasting Co., Ltd., Owners. Lord Nelson Hotel. Box 99.

6.130 VE9HX 5½-----10 SMTWTFS

**CANARY ISLANDS**

★EAJ-43 Santa Cruz de Tenerife 25 kw 10.370 (o) Pasodoble "Los Voluntarios." Spanish News introduced by "Himno de La Legion." (s) Himnos de Falange Espanola, de Requetes, or Himno Nacional Espanol. J. A. Torres and Victoriano Frances, Spanish Announcers. Manuel Ramos Vela, Art Director. Juan Meinke, Technician. Enrique Diaz Exposito, Secretary. Elias Ramos Gonzalez, President. Radio Club Tenerife, Owner. Studios: Alvarez de Lugo, 1. P. O. Box 225.

10.370 EAJ43 3---5 7½---10 SMTWTFS  
1-2½ F

★EA8AB Santa Cruz de Tenerife 350 w (soon to be 500 w) 7.500. (For further details, please see EAJ-43 above.)

7.500 EA8AB 1-2½ 4½--6 7-8 SMTWTFS

- 1:00 p.m. News, Music and Talks in Spanish.
- 4:30 p.m. Music and News.
- 4:45 p.m. Relay of Radio Nacional de Espana.
- 5:50 p.m. English News.
- 7:01 p.m. Special Program for America.

**BURMA**

Rangoon (Mingaladon) 1.5 kw 6.007. Address: Engineer-in-Charge, Government Radio Station, 15th Mile, Prome Road, Mingaladon, Rangoon.

## CEYLON

"Radio Colombo," Colombo 79 52 53 E 6 55 14 N 5 kw 6.160 (i) Bell Record. No call sign, but "Colombo Calling" used during announcements. CST 5½ hours ahead of GMT. Languages: English, Sinhalese, Tamil. Government Station under direction of Postmaster General & Director of Telegraphs. J. Shillitoe, Chief Telecommunication Engineer. Shirley da Silva, Superintendent, Broadcasting Station. Studios: Torrington Square.

6.160 Colombo 6½-----12 SMTWTFS

## CHILE

CB-960 Santiago de Chile 1 kw 9.600 (s) Newton's melody "Somewhere a Voice Is Calling," organ solo. O. Robles, Announcer. Ing. L. Godoy Montt, Technical Director. O. Rocuant Figueroa, Manager. Godoy, Rocuant y Cia., Ltda., Owners. Plant: Capitan Orella 2511. Studios: Compania 1288, Fourth Floor, Offices 1-2. Casilla 1342.

9.600 CB-960 10½-----1 6---8 S MTWTFS

\*CB-1170 Emisoras "Otto Becker," las Broadcastings populares para toda la America, Santiago de Chile (Los Campos de Sports de Nunoa) 1 kw 11.700 relays CB-89 2 kw 890 kc (s) "Unsere Marine," German March. Raul Braun, Director, assisted by nine announcers. Hector Fernandez, Technician. Bernardo Becker W., Manager. Sucesora Otto Becker Ltda., (Dealers in Musical Instruments—Established 1865) Owners. Studios: Ahumada 113. Casilla 706.

11.700 CB-1170 9-----11 S MTWTFS

CB-1180 "Radio Sociedad Nacional de Agricultura," Santiago de Chile, 1 kw 11.980 experimentally. (s) Official time. (i) 3 Chimes. L. Godoy Montt, Technician. Rene Silva Espejo, Director. Mario Undurraga V., Manager. Soc. Nac. de Agricultura, S. A., Owner. Studios: Tenderini 187. Casilla 40-D.

11.980 CB-1180 7---9 11-----11 SMTWTFS

CB-1185 Santiago de Chile 11.850 relays CB-138 "Radio El Mercurio" 1,380 kc. L. E. Brain, Manager. Studios: Calle Compania 1228.

CD-1190 "Radio Sur" Voz de Valdivia para todo Chile y America, Valdivia 2 kw 11.900 relays CD-69 5 kw 690 kc (o) "Radetzki March." (i) 4 tone gong. (s) "Fantasias de Serenatas," organ, by Al Bollington. Oscar Leon Cavagnaro, Julio Renard, Jose Bosch, Announcers. Julio Gallardo Cortes, Director. Carlos Kaehler II (CE5AA) Technician. Alberto Carrasco C., Commercial Agent. Arturo Lara Soriano, Manager. C. Kaehler y Co., Ltda., Owners. Studios: Picarte, Edificio Wachsmann, Piso 2. Oficinas 14-18. Casilla 642.

11.900 CD-1190 10-----1 3-----12 S MTWTFS

## CHINA

ZBW-3 Hong Kong 2.5 kw 9.525, ZBW2 6.090, ZBW4 15.190, ZBW5 17.755. Tx Marconi Type SWB8. HKT 8 hrs. ahead of GMT. Hong Kong Broadcasting Committee, Gloucester Hotel Building. Box 200.

6.090 ZBW2 9.525 ZBW3 15.190 ZBW4 17.755 ZBW5

COLOMBIA

HJ1ABB "La Voz de Barranquilla," Barranquilla 6.128 & 4.780. Relays HJ1ABA. (s) "La Golondrina" (The Swallow) organ. Elias J. Pellet B., Owner, Apartado 715.

HJ1ABE "La Voz de los Laboratorios Fuentes," Cartagena 1 kw 4.800 relays HJ1ABF "El Progreso Cartagenero," 1 kw (o) "Song of the Islands." (i) Bugle Call & Chimes. (s) "Aloha Oe," organ. Ricardo Simmonds & Pablo Strong, Announcers. Ramon Mendez V., Director. Antonio Fuentes L., Owner & Manager. Studios: Calle Universidad 114. Apartado 31.

		10-----6	8---10½	M
4.8	HJ1ABE	8.9½10½-----2	4-----10½	S
				MTWTFS

HJ1ABG "Emisora Atlantico," Barranquilla 1 kw 6.040 (o) "Himno Nacional" & "Los Cadetes." (s) "Los Cadetes" & "Himno Nacional." Juan Francisco Soto, Piliñ Castro & Marco Zuniga, Announcers. Alfonso Rosales Navarro, Art Director. Andres G. Jimeno, Technical Director. M. A. Blanco, Manager. Andres G. Jimeno & Cia., Owners. Studios: Permanent Exposition of National Products. Plant: Olaya Herrera Suburb. Apartado 674.

		11-----3	5-----11	MTWTFS
6.040	HJ1ABG	11-----3	5-----11	S

HJ1ABP "Radio Cartagena," Cartagena 1 kw 9.616 relays HJ1ABR 600 w 1.400 (s) "Under the Double Eagle," March. (i) Xylophone. Alberto Basmagi, Roberto Troncoso N., and Victor Julio, Announcers. J. Balthazar, Director. Roberto Lequerica, Mgr. Radiodifusora Cartagena, Inc., Owners. Apartado 37.

		9-----1½	4½-----10	MTWTFS
9.616	HJ1ABP	9-----1½	4½-----10	S

HJ2ABC "La Voz de Cucuta," Cucuta, Norte de Santander, 750 w 4.787.5 & 9.575 (s) "Dreaming the Waltz Away," organ solo by Jesse Crawford. Luis Maria Diaz Matheus, Announcer. Jose Alejandro Sanchez Cuadros, Managing Director. Pompilio Sanchez Cuadros, Owner. Address: Emisora "La Voz de Cucuta," Cucuta, N. de S., Colombia.

HJ2ABJ "La Voz de Santa Marta," Santa Marta 1.5 kw 4.865. Julio A. Sanchez T., Owner.

4.865	HJ2ABJ	10½-----2	5-----10	SMTWTFS
-------	--------	-----------	----------	---------

\*HJ3ABD Emisora "Nueva Granada," Bogota (Barrio Olaya) 1 kw 4.841 (s) "Para ti Rio Rita," followed by Colombian National Anthem. Jose Roldan-Castello, Eduardo Nieto Umana & Jorge A. Mora, Announcers. Enrique Ramirez, Director. Roberto Ramirez, Manager. Colombia Broadcasting, S. A., Owners. Studios: Carrera 8a. No. 15-91. Apartado 509. (Special English programs 11.30 p. m. EST first and third Saturdays of each month, beginning October 1.)

4.841	HJ3ABD	9-----2	6-----12	SMTWTFS
-------	--------	---------	----------	---------

HJ3ABH "La Voz de la Victor," Bogota 1 kw 4.900 & 1.005 (o) "Serenade from Student Prince in Heidelberg," organ. (i) 3 chimes. (s) "Russian Lullaby," organ. Rafael Valencia A., Announcer. Jesus Maria Garcia, Manager. Manuel J. Gaitan, Owner. Studios: Edificio Lievano 112. Apartado 565.

		11½-----2	6-----11	MTWTFS
4.900	HJ3ABH	10½-----2	6-----11	S

*Super-Powered for*



THE  
*New*

**SCOTT** *Philharmonic*

*Clearer, Stronger Foreign Reception*

# 30 TUBES

## BRINGS IN THOSE WEAK HARD-TO-GET STATIONS

This new Scott Custom-Built Philharmonic is, we believe, the world's most highly perfected long distance receiver. It far surpasses all previous Long Distance World's Records, held by Scott Receivers. 30 Tubes, all operating at peak efficiency, develop tremendous perfectly controlled power. You can now tune many stations you never have heard before. Greater Sensitivity enables you to take a whisper from the far corners of the earth and amplify it to the volume of a "local."

### 3.75 TO 2000 METERS

Greater Wave Length Range, 6 Bands, 3.75 to 2000 meters, gives you complete coverage of practically everything on the air. Every point on the dial is filled with powerful, superb-toned reception. "Years ahead" in design... it will receive Television Sound Broadcasts. The secret of this new Scott Philharmonic's amazing performance lies in its 8 New Features

(patents applied for), which permit you to locate and bring in those far away, weak, hard-to-get stations that are seldom heard on other receivers.

### CUSTOM-BUILT TO ORDER

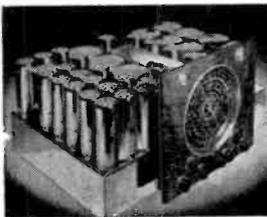
The Scott Philharmonic is not an ordinary radio. It is Custom-Built by hand to suit receiving conditions in your locality. Constructed with the precision of a fine watch. Incorporates every modern improvement of radio science. The Philharmonic is the only Radio Receiver, we believe, that will perfectly reproduce the entire tonal range of the human ear (30 to 16,000 cycles). Every tone from the very lowest to the highest is captured with an uncanny realism that seems to bring you into the very presence of the musical rendition. Guaranteed 5 years. Fifteen cabinets by master designers await your choice.

**FREE DETAILS • MAIL THE COUPON NOW!**

**E. H. SCOTT RADIO LABORATORIES, INC.**  
4491 N. Ravenswood Ave., Dept. 44K7, Chicago, U. S. A.  
Please send details about the new Scott Philharmonic. (No dealers. Sold only direct from Scott Laboratories in New York, Chicago, Los Angeles. 30-day free trial).

Name

Address



HJ3ABF "La Voz de Bogota," Bogota (ex HKF) 6.070 (s) "Good night, Sweetheart." Interval: 6 chimes. Uribe & Moreno, Owners. Edificio Lievano No. 301. Apartado 312. (Won't verify.)

6.070 HJ3ABF 11-----2 6-----11 SMTWTFS

★HJ3ABX "La Voz de Colombia," Bogota 1 kw 5.990 (s) "Indian Love Call" from Rose Marie. (i) Notes of the Colombian National Anthem. Eduardo Ramos, Announcer. C. Rios Hoyos, Managing Director. Voz de Colombia, Inc., and Cipriano Rios Hoyos, Owners. Apartado 2665.

5.990 HJ3ABX 10½-----2 5½-----11 MTWTFS  
12.1½ 6-----11 S

HJ4ABE "La Voz de Antioquia," Medellin, Dept. of Antioquia (ex HKO) 1.5 kw 6.145 (s) "Rose Marie," organ. (i) 4 chimes. Gustavo Lopez S. and Mario Jaramillo D., Announcers. Luis Ramos H. Director. Carlos Escobar P., Manager. Compania Colombiana de Radiodifusion, S. A., Owner. Studios & Offices: Carrera Junin No. 52-78.

6.145 HJ4ABE 9½-----2 4-----11 SMTWTFS

\*HJ4ABP "Emisora Claridad," Medellin, 750 w 4.885 relays HJ4ABQ 2.5 kw 1,320 kc (s) "Parade of the Wooden Soldiers." (i) Xylophone. Jorge Sicard and Eduardo Ramos, Announcers. Hugo Jimenez, Technician. Pietro Mascheroni, Director. Jorge Ortiz Rodriguez, Manager. Cia. Antioquena de Radiodifusion, S. A., Owner. Studios: Edificio Uribe Navarro.

4.885 HJ4ABP 6-----11 SMTWTFS

★HJ4ABU "Emisora Universidad de Antioquia," Medellin, 75 33 57 W 6 15 06 N 4563 ft alt 350 w (eventually 1 kw) 8.650. (o) "General Vasquez Cobo" March, preceded by ticking of clock and striking of hour. (i) Carrillon of studio clock each quarter hour. Dario Ramirez G., Spanish Announcer; Vicente Uribe, English. Hugo Jimenez A., Technician. Jose J. Sierra C., Director. Clodomiro Ramirez, Rector of the University, Manager. Universidad de Antioquia, Owner. (Transmitter constructed in Physics Laboratories of U. de A.) Studios: Calle 49, Plazuela de la Universidad. Apartado 217.

8.650 HJ4ABU 6-----10 MTWTFS

\*HJ5ABD "La Voz del Valle," Cali, Valle 1 kw 4,873 relays HJ5ABB 1,150 kc (s) "Goodnight Melody" by Ted Lewis & Orch. (i) 3 chimes. Samuel Duque & Jorge Mejia, Announcers. Jorge Rivas & Miguel Rivas, Technicians. Eduardo Cordoba, Manager. Eduardo Cordoba, Jorge Rivas & Miguel Rivas, Owners. Studios: Calle 11 Nr. 4-52.

4.873 HJ5ABD 10-----1 5-----11 SMTWTFS

HJ6ABA "La Voz de Pereira," Pereira, Dpto. de Caldas, 720 w 6.054.3 (s) "Soy de Madrid," schottish, or "Rayito de Luna," pasodoble by the Colombian composer Gustavo Gomez Ardila. Mario Arango & A. Arango, Owners. Studios: C. No. 6 Calles 21-22.

6.054.3 HJ6ABA 9½-----1 6-----10 SMTWTFS

HJ6ABB "Radio Manizales," Manizales 6.110. Apartado 175.

6.110 HJ6ABB 8½--10 SMTWTFS

HJ6ABC "Ecos del Combeima," Ibaque, Tolima Dpt., 1 kw 4.740 (s) "Guabina tolimensé." (i) Marimba notes. Announcers various. Mario

M. Barrios, Director. Eliecer Quijano, Manager. Lamus & Rivera, Owners. Studios: Calle 9a., 1-18, Departmental Conservatory of Music Building. Apartado 39.

★HJ6ABH "La Voz de Armenia," Armenia, Caldas, 1 kw 4.760 & 9.520, relays HJ6ABN 1,363 kc. German Hoyos G., Manager. Hoyos, Gutierrez & Aristizabal, Owners.

4.760 HJ6ABH 8-----11 6-----10 SMTWTFS

HJ7ABB. "Radio Santander," Bucaramanga 750 w 4,820 relays HJ7ABA 280 w 1280 kc. "Santander Broadcasting," Operators. Francisco A. Bueno S., Owner. Apartado 37.

★HJ7ABD "Radio Bucaramanga," Bucaramanga, Santander, 9,630 & 1,130 kc. (s) "La Guabina," medley of national airs. Vicente Roberto Cadeno R., Manager. Radio Bucaramanga, Inc., Owners. Apartado 34.

9.630 HJ7ABD 11----1 7½--9½ S  
6-----10½ MTWTFS

**COSTA RICA**

TIEMC "Radio El Mundo," San Jose 10.050 relays TIEM 1,400 kc. Inaugural program 7 p. m. CST June 2. Apartado 1049.

★TI-EP "La Voz del Tropico," San Jose 500 w 6.700 relays TIEP 830 kc (s) "Under Hawaiian Skies." Luis Suarez, Announcer. Eduardo Pinto Hernandez, Owner. Apartado 257.

6.700 TIEP 9-----1 6-----11½ MTWTFS

TI-GPH "Alma Tica," San Jose 1.5 kw 5.830. Gonzalo Pinto Hernandez, Owner and Operator. Apartado 800.

5.830 TIGPH 12---2 6-----10 SMTWTFS

TI2LC Radio "Daisy," San Jose 150 w 40 m. (i) Each half hour. Luis F. Castro B., Owner & Operator. Studios: C. 3 avs. 16/18. P. O. Box 1180.

7-----12 SMTWTFS

TI-LS—Radioemisora "Para Ti" (For Thee) San Jose 5.905 & 880 (o) "Washington & Lee Swing." (s) "Adios, mi Chaparrita" (Farewell, My Little One). Luis J. Saenz, Operator. Apartado 3.

5.905 TILS 12---2 6-----11 SMTWTFS

TI-MC Estacion "Cultura," San Jose 5.230. M. L. Coronado, Owner.

TI-OW "Ondas del Caribe," Puerto Limon 400 w 6.850. Frank Wimmer, Operator & Announcer. Otto F. Wimmer, Owner. Apartado 45.

TI-PG "La Voz de la Victor," San Jose 1 kw 6.410 relays TIPG 2 kw 625 kcs (s) "Mi Teniente," (My Lieutenant) March. Perry Girton, Owner & Operator. Apartado 225.

6.410 TIPG 7---9 12---2 4-----11½ SMTWTFS

★TI-RCC "Radioemisora Catolica Costarricense," San Jose, C. R., 500 w 6,550 (o) "The Lost Chord." (i) 4 bells. (s) "Overture from Carmen." Carlos Araya B. (RCA-Institutes) Manager & Engineer. Mons. Dr. Carlos Borge C., Owner & Director. Studios: "La Soledad" Church. Apartado 1064.

6.550 TI-RCC 11-12 9-10 T  
8---10 S

★TI-2XD "La Voz del Radio Pilot," San Jose, C. R., 1 kw 11.920 relays TI-XD "La Voz de la Republica," 800 kc (o) "Don Quixote March." (i) Each quarter hour. (s) "El Manisero" (The Peanut Vendor) rumba. Alberto Herrera, Jorge Saenz and Rodrigo Valverde, Announcers. Otto Hutt Chaverri, Director. Carlos E. Rodriguez, Manager. John G. Daly, Owner & Technician. Studios: Calle Alfredo Volio y 2, Avenida 16. Apartado 1729.

11.920 TI-2XD 11-----2 6-----11 SMTWTFSS

TI-XGP3 Estacion "X" La Reina del Aire, San Jose 1 kw 5.830. Gonzalo Pinto Hernandez, Owner and Operator. Apartado 800.

5.830 TIXGP3 7½-----11 4---6 10-----12 SMTWTFSS

TI-4NRH Heredia 100 w 9.670. Amando Cespedes Marin, Engineer & Director. Amando Cespedes junior, Operator. Lidylia Cespedes Arias, Secretary. Apartado 40.

7.8 9.10 T T S  
S

9.670 TI4NRH 6.7 W

TI-4WX Heredia 7.010 kc. Apartado 859.

TI5HH "La Voz de San Ramon, San Ramon 200 w 5.500. R. Herrera O., Mgr. Herrera Hermanos (Herrera Brothers), Owners.

TI-VL "La Voz del Morazan," San Jose 7.000.

TI-WS "Ecos del Pacifico," Puntarenas, 500 w 6.370 kc (s) "Trompetas y Clarines" (Trumpets and Bugles) March. (i) Bugle Call. Antonio Fernandez Sagot, Announcer & Technician. Abel Salazar F., Owner & Operator. Studios: Calle Central, 75. Apartado 75.

4---6 7---9 MTWTFSS  
6.370 TIWS 3\_4 S

### CUBA

CO-BC "El Progreso Cubano," Habana 1 kw 9.960 relays CMBC 630. kc (s) "Morir Sonyando" (To Die Dreaming) Waltz. Adalberto Fernandez and Antonio Estruch, Announcers. Ovidio Fernandez, Director. Manuel Fernandez, Manager. Domingo Fernandez, Owner. Studios: Maximo Gomez 139. Apartado 132.

9.960 COBC 7-----12½ SMTWTFSS

CO-BX "De los Talleres de Radio Alvarez," Habana 500 w 9.200 relays CM-BX 500 w 1,070. (s) "El Manisero" (The Peanut Vendor). Adolfo Ulloa, Announcer. Alberto Alvarez, Owner. Studios: San Miguel 194, altos.

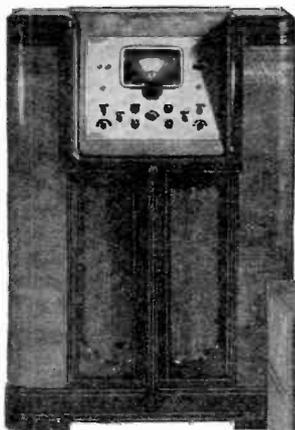
9.200 COBX 8-----11½ SMTWTFSS

CO-BZ Radio "Salas," Habana 250 w 9.030 relays CMBZ 1,000 kc (s) "Popular Melodies accompanied by Nightingales and Canaries, Reich's Aviary. Bremen," Victor record V-1-B. (i) 4 Chimes. Jose Alberto Iniguez, Juan M. Tabares and Enrique R. Hernandez, Announcers. Manuel & Guillermo Salas, Owners. Studios: San Rafael 14. Apartado 866.

9.030 COBZ 7¾-----12¾ SMTWTFSS

COCA Habana 100 w 9.100 relays CMCA 250 w 1,350 kc. Alec Kinghorn, DX Announcer. Testar & Gonzalez, Owners. Studios: Galiano 102.

9.100 COCA 8-----12 SMTWTFSS



DELUXE CONSOLE



TABLE MODEL

*(Available in Black, Silver or Grey Finish)*

**A  
PROFESSIONAL  
RECEIVER  
for  
THE TRUE DX'er**

**PR-15**

**THE RECEIVER THAT HAS EVERYTHING!**

- ★ 2 Stages of RF all Bands.
- ★ Iron Core IF's.
- ★ Automatic Noise Silencer.
- ★ Series-Parallel band - pass type Crystal to give you the *Last Word* in Selectivity.
- ★ Hi-Fidelity Control for Real Tone.
- ★ Dual Tone Control.
- ★ Unsurpassed DX Reception.
- ★ Professional Metal Case Table Model available to those who may not desire the Console.
- ★ If you can't hear them on a PR-15, they *can't* be heard!

*Send for Descriptive Folder*

**PIERSON-DeLANE, Inc.**

2345-47 W. WASHINGTON BLVD.

LOS ANGELES

CALIFORNIA

CO-CD "La Voz del Aire," Habana (Vedado) 250 w 6.130 relays  
CMCD (o) "In a Clock-Store." (s) "Goodnight Melody." J. Benitez,  
Manager. Studios: Hotel Palace, Calle 25 y G., Vedado. Apartado 2,294.  
6.130 COCD 10-----1 SMTWTFS

CO-CH "General Electric," Habana 5 kw 9.437 relays CMCF. (s)  
"Las Golondrinas" (The Swallows). (i) Gong thrice. A Zayas Bazan,  
Director. Leonardo Cano, Manager. General Broadcasting Co., Owner.  
Studios: Prado 9, altos. Apartado 41.  
9.437 COCH 8-----12 SMTWTFS

CO-CM Habana (Vedado) 1 kw 9.833 relays CMCM 1 kw 850 kc  
(s) "Uno B C" March. M. Acebal, G. Tremble, Mario de Luna and  
J. Agüero, Announcers. Ventura Montes, Technician. Dr. Rodolfo Garcia  
Navarro, Director. Studios: Calle 23, No. 1216, Vedado. Apartado 33.  
9.833 COCM 8-----12 SMTWTFS

CO-CO Habana 2.5 kw 6.010 (s) "Caribe," Waltz. (i) Three musical  
notes: D flat, C and A flat. Ernesto Casas Rodriguez, Announcer.  
Luis Casas, Jr., Technical Director. Luis Casas Romero, Manager. Luis  
Casas & Sons, Owners. Studios: San Miguel 86, altos. Apartado 98.  
6.010 COCO 8-----12 SMTWTFS

CO-CQ "De la Crema Dental Colgate y el Jabon Embellecedor Palm-  
olive," Habana (Aldecoa) 9.670 relays CMQ "Del Jabon Candado," 25 kw  
880 kcs (s) "Siboney." Angel Cambo, Director. Miguel Gabriel, Man-  
ager. Cambo & Gabriel, Inc., Owners. Studios & Offices: Monte y Prado.  
9.670 COCQ 10-----1 M  
7-----12 S  
7-----1 TWTFSS

COCW "La Voz de las Antillas," Habana 200 w 6.330 (s) "Es-  
trelita" or Little Star, organ. (i) 3 Chimes. V. Gonzalez, F. Fernandez,  
C. Irigoyen, P. Medina, Announcers. A. Gil, Technical Director. M. Tron-  
coso and A. Gil, Managers. Adolfo Gil Izquierdo, Owner. Studios:  
Paseo de Marti, 105, altos. Apartado 130.  
6.330 COCW 7-----12 SMTWTFS

CO-CX Habana (Carretera de Guanabacoa) 1 kw 11.740 relays CMX  
"Cigarros y Tabacos La Corona y la Pasta Gravi" 920 kc (s) "Good  
Night, My Love," and "Pajarillo Barranqueno." Mario Viera, Juan  
Dominguez and Ramon Menendez, Announcers. Gilberto Lavin, Manager.  
Francisco Lavin, Owner and Director. Studios: Av. Simon Bolivar 76,  
altos (antes Reina). Apartado 32.  
11.740 COCX 8-----1 MTWTFSS  
8-----12 S

CO-GF "Ecos del Valle del Yumuri," Matanzas 1 kw 11.800 relays  
CMGF 250 w 1,120 kc (s) "Vals Diana." Luis Villabella (English),  
Miguel A. Diaz del Castillo & Eusebio Valls (Spanish) Announcers. Dr.  
Salvador de la Torre, Manager. Bernabe R. de la Torre, Owner & Direc-  
tor. Studios: General Betancourt 51 (Playa).  
11.800 COGF 8-----10 MTWTFSS  
9-10 S

CO-HB Sancti-Spiritus, Santa Clara Province, 2 kw 6.280 relays  
CMHB 1240 (s) "La Traviata" (Brindis or Drinking Song). (i) 4 strokes

of a gong. Adolfo Rubio and Ernesto Gonzalez, Announcers. Ortelio Ramirez Isla, Director. Vicente Weiss Arias, Manager. Vicente Weiss & Ortelio Ramirez, Owners. Studios: Serafin Sanchez No. 3. Apartado 85.

6.280 COHB 9.10 12½1½ 4-----7 9-----11 SMTWTFS

CO-JK del Radio Zenith, Camaguey 1 kw 8.665 relays CMJK de El Camagueyano (newspaper) 780 kc (i) 3 tone gong. Vincent P. Jones, English Announcer. Juan B. Castrillon, Manager. Frank H. Jones, Owner. Studios: Finlay 3, Altos.

8.665 COJK 10½---12½ 7-----11 SMTWTFS

CO-KG "Emisoras Grau," Santiago de Cuba (Loma de Quintero) 2.4 kw 8.935 relays relays CMKG 1.2 kw 1,160 kc (s) "La Conga." (i) Gong thrice. Juanito Tremble and Mrs. Marilu, Announcers. Manuel Grau Medina, Technician. Emilio Grau Medina, Manager. Grau Brothers, Owners. Studios: Sagarra alta, 26. Apartado 137.

8.935 COKG 8-----12 SMTWTFS

**CZECHOSLOVAKIA**

OLR "The Czechoslovak Short Wave Station," Prague (Podebrady) 24.34 kw (i) Melody from Dvorak's New World Symphony on hunter's horn. (s) Bells from St. Vitus Cathedral at Praha (recording). Announcers: Leslie Hill, English; J. Durdil Richard, Czech; J. Horvath, Slovak. Ing. Svoboda, Director. Bohuslav Tvrdy, Manager. Equipment government owned under direction of Ministry of Posts & Telegraphs. Radio-journal (Czechoslovak Broadcasting Corp.) Concessionaire, Operators. Studios & Offices: Praha XII, Fochova 16.

6.010 OLR2A	9.504 OLR3B	11.840 OLR4A	15.160 OLR5C
6.030 OLR2B	9.550 OLR3A	11.875 OLR4C	15.230 OLR5A
6.115 OLR2C	11.760 OLR4B	11.900 OLR4D	15.320 OLR5B
			21.450 OLR6A

**DENMARK**

OZF "Danmarks Radio, Koebenhavn, Kalundborg," Skamlebaek (50 miles WNW of Copenhagen) 6 kw 9,520 kc/s (s) "Der er et yndigt Land" (There's a Winsome Land) National Anthem. Government Station. Post-og Telegrafvaesenet, Radioingenioertjenesten, Bernstorffsgade 32, 1, Copenhagen, V., Denmark. 11.805 OZG 15.165 OZH 17.750 OZI

9.520 OZF 2-----6¾ SMTWTFS

**DOMINICAN REPUBLIC**

HI-1A "La Voz del Yaque," Santiago de los Caballeros 75 w 6.182 (s) "All Hands." Rafael Western, Owner-Builder. Apartado 423.

6.182 H11A 11¼-----2¾ 7¾-9¾ S MTWTFS  
10¾-----1¾ 6¾-----9¾

HI-1J San Pedro de Macoris 100 w (soon to be increased) 5.865 (s) "Himno Nacional." Antonio Zaglul, Announcer. Bebe Bazan, Director. Manuel Zaglul, Manager. Fausto M. Donastorg, Owner. Studios: Calle Jose Trujillo Valdez. Apartado 204.

5.865 HI-1J 12---2 6-----9 SMTWTFS

HI-1S "La Voz de la Hispaniola," Santiago de los Caballeros 250 w 6.420. Generoso Sarnelli, Owner. Apartado 112.

HI-2D "La Voz de la Accion Catolica," Ciudad Trujillo 100 w 6.900 (s) "Ave Maria," violin solo. Studios: Templo Patronal de las Mercedes.

★HI-1L "El Diario," Santiago de los Caballeros 250 w 6.480 (s) "Dominican National Anthem." (i) 3 Xylophone Notes. Br. Rafael A. Garcia, Announcer. M. Smester, Technician. Silvio Silva, Director. Julio Acosta Jr., Manager. Maria J. Tavares, Owner. Studios: Calle Presidente Trujillo No. 97, altos. Apartado 356.

6.480 HI1L 9 $\frac{3}{4}$ -----12 7 $\frac{3}{4}$ -----10 SMTWTFS

★HI-3C "Radio La Feria" (The Fair), La Voz del Papagayo (Parrot of brilliant plumage), La Romana, D. R., 30 w 6.730 kc (s) "Himno Nacional Dominicano." Antonio Herrero, Manager & Announcer. Moises N. Garip, Owner. Studios: Calle Buena Vista s/n.

6.730 HI-3C 8 $\frac{3}{4}$ 9 $\frac{3}{4}$  11-12 $\frac{3}{4}$  SMTWTFS

★HI-3U "La Voz del Comercio," Santiago de los Caballeros 125 w 6.015 (s) "Maria la O" (Maria My Own) composition of Ernesto Lecuona by Jesse Crawford, organ, followed by Dominican National Anthem. Fidenicio Garris, Announcer. Delio Franco y Franco, Sub-Director. Moises Franco y Franco, Director. Fernando Bertran Gimeno, Manager. Studios: Calle Beller esquina a Espana. Apartado 23.

6.015 HI3U 7 $\frac{3}{4}$ 8 $\frac{3}{4}$  11 $\frac{3}{4}$ ---1 $\frac{3}{4}$  4 $\frac{3}{4}$ --6 $\frac{3}{4}$  SMTWTFS

HI-4D "La Voz de Quisqueya" (Native name of the Island) Trujillo City 20 w 6.555. Dr. Luis D. Santamaria, Owner.

★HI-4V "La Voz de los Almacenes Hermanos Chabebe," (The Voice of Chabebe Bros. Store) San Francisco de Macoris, Prov. Duarte, D. R., 250 w 6.450 (s) "Himno Nacional." Jose N. Chabebe H. & Luis Raul Betances R., Announcers. Luis Raul Betances Ricart, Owner & Operator. Studios: Mella No. 25.

6.450 HI4V 6 $\frac{3}{4}$ -----10 $\frac{3}{4}$  MTWTFS

HI-5G La Vega, D. R., 6.655. (Details pending.)

★HI-5N "La Voz de Moca," Moca 100 w 6.150 & 1,440 (s) "Himno Nacional." (i) Gong, 5 strokes. Cesar Rojas & J. Belisario Curiel, Announcers. J. Belisario Curiel, Owner & Operator. Studio: Calle Salcedo 72.

6.150 HI5N 6 $\frac{1}{2}$ 7 $\frac{3}{4}$  11 $\frac{3}{4}$ ---1 $\frac{3}{4}$  5 $\frac{3}{4}$ --7 $\frac{3}{4}$  SMTWTFS

HI-5P Emisora Dominicana "Ecos de Isabel de Torres," Puerto Plata, D. R., 6.565 kc. J. M. Modesto, Owner.

HI-6H Trujillo City, D. R., 6.600. (Details pending.)

★HI-7P Emisora "Diario del Comercio," (Commerce Daily) Ciudad Trujillo 25 w 6.800 & 1.300 kc (s) "Lempira," marimba. J. A. Martinez Bonilla, Announcer. Jose M. Roques Roman, Owner & Operator. Studios: Calle Jose Reyes 35.

6.800 HI-7P 1.2 7---9 S MTWTFS

HI-8J "La Voz de la Provincia," La Vega, D. R., 6.383. Antonio Batista Clisante, Owner & Director.

★HI-8Q "La Voz de la Philco," Ciudad Trujillo 200 w 6.206 & 1,475 (s) "Himno Nacional Dominicano." (i) Gong. Julio O. Garcia Alardo, Owner, Director & Announcer. Georgina Minino de Garcia, Manager. Studios: Av. Wenceslao Alvarez No. 3, Reparto Independencia

6.206 HI-8Q 8 $\frac{3}{4}$ -----12 2 $\frac{3}{4}$ -----5 6-----10 S MTWTFS

**"ALMA GUSCATLECA"**  
 RADIOFUSION NACIONAL  
 SAN SALVADOR  
 REP. DE EL SALVADOR, C.A.

7894 Mr. W. H. JESSEN,  
 Eugene, Oregon,  
 U.S.A.

**REPUBLICA ARGENTINA**  
 DIRECCION GENERAL DE CORREOS Y TELEGRAFOS  
 ESTACION DE RADIOFUSION DEL ESTADO  
 BUENOS AIRES

**L R A** 9690 Kc/s.

FRECUENCIA: 750 Kc/s. (LONG. DE ONDA: 400 m.) - POTENCIA: 10 Kw.

"L R A RADIO DEL ESTADO" AGRADECE A UD. EL INFORME  
 SOBRE LA RECEPCION DE SUS TRANSMISIONES DEL DIA. Abril 1938

**RADIO MARACAIBO**

1500 KC - 240 MTB  
 5900 KC - 50.89 MW

Maracaibo - Venezuela - S.A.

**EIAR** ENTE ITALIANO  
 AVDIZIONI RADIOFONICHE  
 5 VIA MONTELO - ROME - ITALY

Dear Listener,  
 Thank you for your report.  
 This will acknowledge reception of

2 R 0 3 - 9835 Kc/s ✓  
 2 R 0 4 - 11810 Kc/s ✓  
 2 R 0 5 - 15300 Kc/s ✓  
 2 R 0 6 - 17820 Kc/s ✓

on Mar. 26, 1938 at 2 55 C.E.T.

Yours sincerely,  
*Eiar*

**"RADIO BARQUISIMETO"**  
 6465 KILOCICLOS  
 PROPIEDAD DE AMILCAR Y RAFAEL ANGEL SEGURA

**Y. V. 3 R. D.**

BARQUISIMETO - VENEZUELA - SUR AMERICA

TRASMISOR SITUADO EN EL LUGAR DENOMINADO LA GRANJA	OFICINA Y ESTUDIOS AVENIDA BELLA VISTA 3 3 5
--	--

XEXX ONDA LARGA 1170 XCS. XEYU ONDA CORTA 31.25 MTB.

RADIO-UNIVERSIDAD-NACIONAL agradece a usted la  
 atención que tuvo para los programas de esta difusora el  
 día... mayo 13 de 1938... y le acusa recibo de su reporte.

QRA: POLSKIE RADIO - WARSAW - 5 MAZOWIECKA ST.

**PANAMA**

HP 5 G

**SPW**  
 POLAND

RECEIVED ON  
 SCHEDULES

POWER 10KW

Quixote Radio Club



ISLETON, CALIFORNIA

W6 - District of California - License Class 3  
**SWL**  
 Q. R. S. hrd u on  
 193 at  
 Meter R. B. Snyder  
 QRM Good 1 11  
 P. O. Box 656 BOB SAWADA, Opr.  
 Near SWL Traders 1 QSL 100% - Pse use my address clone Trd

**VANCOUVER, B. C.**  
 "CANADA'S PACIFIC GATEWAY"

Greeting: R... M.  
 P.S.T., or...  
 QRN...  
 Receiver:  
 Antennas: W6C 852  
 Remarks:  
 DX and 73 O.M. Pse QSL. QRA: 4328 13th Avenue West.  
**BOB KIRKPATRICK Opr.**



**ALASKA**  
 "Land of the Mid-Night Sun"



Radio QSA R m. ST. 193 Freq. WX

**K7 SWL** SWAP PHOTOS?  
 RCVR - A. K. 82-Q & P. A. C. Observer Ant. Doublet NE by SW, 70 ft. high  
 Official Listening Post Observer for Alaska - Member N.N.R.C.  
**SW & BCB DX** SAM A. TUCKER  
 vy 73's Bluff, via Nome, Alaska

**Kansas City, Mo., USA**  
 819 Wyandotte Street

Radio hrd/hr at m. CST  
 QSA R QRN QRM  
 QSB Band Freq.  
 Remarks—

**QRC 218**

Member Number 218  
 Quixote Radio Club  
 RCVR5, SW, ELLEN 5A  
 1 tube and 2 tubes  
 BCB-4 tube Philco-7 tube Kofler  
**SW - Official Listening Post - BCB**  
 Radio News  
 "THE MEADE BOYS"  
 M. F., Merit and Bob

PSE QSL TNX GUD LUK ES 73.

JOHN SORENSEN - 686 Clarence St., Bronx, N. Y. C.  
 Official Listening Post  
 MEMBER QRC 556

**S. W. L.**



Date 193  
 Time E. S. T.  
 Call  
 Freq. Mts.  
 Serm.  
 Temp. F.  
 Clouds  
 Wind Miles  
 QSA R  
 QRM  
 QRN  
 Receiver-10 Tube-Suphr.  
 Ant. 700' Long E. to West



Remarks  
 Your QSL Card would be Appreciated  
 vy 73

**DARMA, IDAHO U. S. A.**

Baker Young, Operator "Bake" Young  
 P. O. Box 263



**W7-SWL**

QRC 884  
 RADIO Ur Sigs Hd Hr m. MST  
 193 Ur Sigs QSA R. Rcvr Sky Buddy  
 Pse QSL Trd  
 Remarks  
 5/11/2

RICHARD F. RUBIO, CALLE 10 # 4 ENTRE 17 Y 19. VEDADO, HABANA. C  
 RADIO. UR SIGS HRD EST I

QSA: R: QRM: QRN: QSB: WX: QRC 637

**AW174DX**

RCVR: HALLICRAFTER SKY - CHIEF 1937 - 7 TUBES WITH PERFORM OF 10 TUBES, ON DOUBLET AERIAL.

AERIAL: 100 FT. HIGH AND 100 FT. LONG.  
 PSE QSL OM TNX. - VY 73'S ES DX FROM

"Ears of the Great Northwest"

**W7-699**

Radio Signal Survey League  
 New QRA: 3223 N E 69 AV.  
 Portland Oregon  
**JAMES S. SULLY**  
 8524 First Avenue, N. E.  
 Seattle, Washington

★HI-9B "Broadcasting Hotel Mercedes," Santiago de los Caballeros, 200 w 5.885 (s) "Dominican National Anthem." Expedi Pou, Announcer. Marcial Smester, Technician. Juan B. Sanchez C., Manager. J. L. Sanchez, Jr., Owner & Director. Studios: Calle 30 de Marzo esquina a Libertad. Apartado 95.

5.885 HI9B 11½-----2½ 5-----8 SMTWTFS

★HIG Radio "La Opinion," Ciudad Trujillo 150 w 6.280, 250 w 9,300 simultaneously (s) "Himno Nacional Dominicano." Marco Antonio Cordero P., Announcer. Guarionex Saladin, Manager & Director. Andres Cordero Puello, Owner. Studios: Santiago Rodriguez No 12.

7---9 12---2½ 4-----9 MTWTFS

HIH "La Voz del Higuamo," (River) San Pedro de Macoris 75 w 6.775. Domingo Dominguez, Owner & Operator.

HIL Ciudad Trujillo 50 w 6.500. L. J. Pelicot, Art Director. J. C. Pellicer, Director. F. C. Teixido, Owner. Studios: Av. Independencia 103. Apartado 623.

★HIN "Broadcasting Nacional," Ciudad Trujillo 740 watts (Collins) 6,243.75 & 1,090 kc (s) "Himno Dominicano." (i) Every 30 minutes. Vinicio Saladin, Pedro J. Santana & Juan Jose Bravo, Announcers. Juan Jose Bravo, Director. Juan Salazar, Chief Engineer. Frank Hatton, Manager. Dominican Government, Owner. Studios: Calle Arzobispo Merino 79, 3er Piso.

6.243 HIN 12---2¾ 5¾-----10 MTWTFS

★HIT "La Voz de la RCA-Victor," Ciudad Trujillo 200 w 6.630 & 50 w 1.050 (s) "Himno Nacional de la Republica Dominicana." (i) Bells. F. A. Sanabia, Manager. A. L. Pichardo, Owner. Studios: Nicolas de Ovando No. 14. Apartado 1105.

6.630 HIT 12¼1¾ 5¾----8¾ MTWTFS

HIX Trujillo City HI-1X 900 w 6.340; HI-2X 300 w 11.960; HI-3X 300 w 15.280 (s) "Dominican National Anthem" by Jose Reyes. Government Station. J. R. Saladin, Director of Radio-Communications, Sria. de E. de Comunicaciones y Obras Publicas.

11.960 HI2X 15.280 HI3X  
7¾----10¾ S T F  
6.340 HI1X 8---10

★HIZ "Broadcasting Nacional," Ciudad Trujillo 280 watts (Collins) 6.316 (s) "Dominican National Anthem by Jose Reyes." (i) 4 chimes every half-hour. Carlos Vallejo, Hector Diaz & R. Pellerano, Announcers. Carlos Vallejo, Director. Rafael Pellerano, Manager. Frank Hatton, Owner & General Manager of Broadcasting Nacional. Studios: Av. Mella 58. Apartados 1092 & 771.

6.316 HIZ 11½-----2½ 5-----10 MTWTFS

**ECUADOR**

Estacion de "El Prado," Riobamba 6.618. Srta. Judy Leon, Announcer. Carlos Cordovez, Manager. "El Prado" Textile Mills, Owners. Apartado 98. (For veries send 5 cents in U. S. stamps instead of IRC for these may be cashed at Quito only.)

6.618 Prado 9----11 T

HC1ETC "Radio del Teatro Bolivar," Quito 9,355. Manuel Mantilla, Director. Empresa de Teatros y Cinemas, Owner. Apartado 134.

★HC1GQ "Nariz del Diablo" (Devil's Nose, a mountain peak on the line of the Southern Railway) Quito 150 w 9.163 (s) Temporarily "Danubio Azul" ("Blue Danube") Waltz. C. A. Semanate, Technician. Advertising Section, Traffic Department, Southern Railway, Operators. The Guayaquil & Quito Railway Co., Owners. Studios: Sucre, 5, Apartado 159. (Broadcasts to be resumed shortly.)

9.163 HC1GQ 9-10½ M W S

HCJB "La Voz de los Andes," Quito 1 kw 8.831 in parallel with HCJB "Broadcasting Provincial," Quito 200 w 4.107 and HCJB "La Voz de Quito," Quito, 50 w 974 kc. Amateur outlet HC1JB Quito, 200 w 14.420 and 7.210. Clarence W. Jones, Director. Casilla 691.

4.107 HCJB 12.460 HCJB 7.210 HC1JB 14.420 HC1JB  
8.831 HC1B 7-8½ 11½-----2½ 4½-----10½ S TWTFSS

HCK "Radiodifusora del Estado," Quito 250 w 5.885. Government station under the Inspeccion General de Telecomunicaciones.

HC1PM Estacion "El Palomar" (The Dove-Cote) Quito 5.725 (s) "March from Aida." J. Leonardo Ponce, Operator. Casilla 664.

★HC2CW "Ondas del Pacifico," (Waves of the Pacific) Guayaquil 300 w 9.300 relays HC2AW 1,350 kcs (s) "La Estrella del Correo" (The Star of the Mail). (i) 3 gong strokes. Felipe Huerta & Miguel Campodonico, Announcers. Alfonso E. Wilmot, Owner & Operator. Studios: Laboratories DOR, Calle Colon 710. P. O. Box 1166.

9.300 HC2CW 11-----1 7-----11 SMTWTFSS

HC2ET "Aqui Guayaquil," Guayaquil 500 w 4.600 (s) "Patria," pasodoble by orchestra. (i) 12 chimes. J. Santiago Castillo, Manager. Co. An. EL TELEGRAFO (Daily Newspaper) Owner. Studios: Av. Diez de Agosto, 601-9. Casilla 824. (Frequency change contemplated.)

4.600 HC2ET 8---10 M WT S

HC2JSB "Ecuador Radio," Guayaquil 7.854 (i) Single stroke of deep-toned gong. Juan S. Behr, Owner. Apartado 805.

7.854 HC2JSB 11-----2 4-----11 SMTWTFSS

HC-ODA "La Voz del Alma," Guayaquil 9.400 (i) 4 Musical Notes. Felix A. Garcia, Daytime Announcer; Ernesto Miranda and Washington Delgado Cepeda, Nighttime Announcers. Felix A. Garcia V., Owner-Manager & Technician. Sra. Odalia Araus de Garcia, Owner. Studios: Noguchi 719. Casilla 704.

9.400 HC-ODA 9---11 12-1 4---6 8---10 S  
3---5 8---10 MTWTFSS

★HC2RL "Quinta Piedad," Guayaquil 200 w 6.668 (s) Ecuadoran National Anthem. (i) "Hello, America." Dr. Roberto Levi, Manager. Mrs. Maria Piedad Castillo de Levi, Owner. Studios: Calle Tomas Martinez No. 309. Casilla 759.

6.668 HC2RL 5½--7½ 9---11 T

#### FIJI ISLANDS

VPD-2 "Radio Suva," Suva 400 w unmodulated 9.536. Amalgamated Wireless (A/sia) Ltd., Owners. Victoria Parade, Suva. For veries: "Wireless House," 47 York St., Box 2516-BB G.P.O., Sydney, Australia.

9.536 VPD2 5½--7 MTWTFSS

**FRANCE**

TP- "Paris Mondial," Paris 12 & 20 kw (s) "La Marseillaise," French National Anthem. Government Station. Broadcasting Department: 107, Rue de Grenelle, Paris VIIIe. Administration: 98 bis. Boulevard Haussmann, 98 bis., Paris (8e).

21.490 TPB-1	15.240 TPB-5	11.720 TPB-9	6.145 TPB-14
17.810 TPB-3	15.130 TPB-6	9.585 TPB-10	6.090 TPB-15
15.295 TPB-4	11.845 TPB-8	9.520 TPB-13	6.040 TPB-16

For the East and Far East:

15.243 TPA-2			
5-----10			SMTWTF5
17.780 TPB-2	8½--10		SMTWTF5

For Africa and East Mediterranean:

9.550 TPB-11			
--4	10½-----5	1----	SMTWTF5

For Africa:

11.885 TPA-3			
--4	10½-----5	1----	SMTWTF5

For South America:

15.130 TPB-6		6---8½	SMTWTF5
--------------	--	--------	---------

For North and Central America:

11.885 TPB-7		8½-----11	SMTWTF5
--------------	--	-----------	---------

For America:

11.718 TPA-4		6---8½	SMTWTF5
		8½-----11	SMTWTF5

**TAX TOKENS**

Wish you would mention in the REPORTER that I would like to trade both SWL cards and State Sales Tax Tokens. Personally, I haven't the slightest idea as to how many states have tokens, but most seem to have sales taxes.—QRC 218 Merton T. Meade, 3020 North 8th St., St. Joseph, Mo.

Would be pleased to have you mention Radio Signal Survey League Bulletin. Details on membership in RSSL for 3c stamp.—Lyman F. Barry, Director R.S.S.L., 225 West 86 St., Suite 117, New York, N. Y.

I should appreciate it if you would print a small notice in the S.W.R. that I will answer all letters and SWL cards received here, and I will also swap fotos.—QRC 814, John Peter Gawel, 96 Jewett Parkway, Buffalo, N. Y.

**HOLLAND**

Beginning Monday, September 5, and continuing through the week, the festivities of H. M. Queen Wilhelmina's Ruby (40th) Coronation Jubilee will be broadcast by the Phohi. Morning programs will be over PCJ-2 15.220 kc and evening programs over PCJ 9.590, station PHI being off the air in September.

\*ZP-14 "Radio Cultura de Villarrica—La Voz del Sudamerica," Villarrica, Paraguay, 2 kw 6.024 (s) "Campamento Cerro Leon." (i) Whistle every half hour. Juan Arena and Federico Flachslund, Announcers. Ing. Herbert Novotny, Technician. Eugenio Friedmann, Director and Manager. Friedmann Hnos. (Friedmann Bros.) Owners. (Power to be increased to 5 kw in October or November, and probably higher frequency to be used.)

6.024 ZP-14	10½-----6		S	S
	12½-----3½	6½-----9½		MTWTF

SUPPLEMENTARY SCHEDULES

4.905 VUB	7-----12½				SMTWTFS
6.030 HP5B	9½-----1	5-----10			SMTWTFS
6.040 W4XB		1---3	4---6	9-----12	MTWTFS
6.065 SBO			4½5	9-----12	S
6.100 W3XAL				8, 9	SMTWTFS
6.120 W2XE				8-----12	SMTWTFS
6.355 ICC		3-3½		10½11½	SMTWTFS
9.550 W2XAD			6½-----10		SMTWTFS
9.830 IRF		12½1	3-3½	6-----9	SMTWTFS
11.676 IQY		12½--2½3-3½			SMTWTFS
11.705 SBP	6-----9	11-----	4½		MTWTF
	6-----		4½	11½	S
	3-----		4½	11½	S
11.760 XETA		1---3			SMTWTFS
11.810 I2RO4	5-----8½	10-----		9	SMTWTFS
11.830 W2XE			5½-----10		SMTWTFS
13.635 SPW	11.535 SPD		6-----9		SMTWTFS
15.083 RK1			7½--9		SMTWTFS
15.270 W2XE		1½-----5			S S
		12-----5			MTWTF
15.330 W2XAD	11½-----		6		SMTWTFS
17.780 W3XAL	8-----			8	SMTWTFS
17.785 JZL				8-8½	SMTWTFS
21.515 W2XE	7-----12				S S
	6½-----9				MTWTF

STATION SELECTOR

Dial	Location	Call	Dial	Location	Call
3.040	Batavia, Java	Y D A	5.758	Managua, Nicaragua	YN-OP
3.490	L. Marques, P.E.A.	CR7AA	5.800	Salisbury, Rhodesia	Z E C
3.750	Addis Abeba, Ethiopia		5.830	San Jose, Costa Rica	TI-GPH
4.107	Quito, Ecuador	HC-JB	5.830	San Jose, Costa Rica	TIXGP3
4.245	Khabarovsk, U.S.S.R.	RV-15	5.835	Caracas, Venezuela	YV5RR
4.600	Guayaquil, Ecuador	HC2ET	5.850	Maracaibo, Ven.	★YV1RB
4.740	Ibague, Colombia	HJ6ABC	5.865	San Pedro, D. R.	HI-1J
4.760	Armenia, Colombia	★HJ6ABH	5.875	Tegucigalpa, Hond.	★H R N
4.780	Barranquilla, Col.	HJ1ABB	5.880	Barquisimeto, Ven.	YV3RB
4.787	Cucuta, Colombia	HJ2ABC	5.885	Santiago, D. R.	★HI-9B
4.800	Cartagena, Colombia	HJ1ABE	5.885	Quito, Ecuador	H C K
4.820	Bucaramanga, Col.	HJ7ABB	5.900	Mafeking, S. Africa	Z N B
4.841	Bogota, Colombia	★HJ3ABD	5.905	San Jose, Costa Rica	TI-LS
4.865	Santa Marta, Col.	HJ2ABJ	5.915	Port-au-Prince, Haiti	HH-2S
4.873	Cali, Colombia	★HJ5ABD	5.930	Willemstad, Curacao	PJC-1
4.885	Medellin, Colombia	*HJ4ABP	5.930	Maracaibo, Ven.	★YV1RL
4.900	Bogota, Colombia	HJ3ABH	5.940	Guatemala City	TC-2X
4.905	Bombay, India	VUB-2	5.970	Caracas, Venezuela	★YV5RC
5.138	Bandoeng, Java	P M Y	5.977	Lisbon, Portugal	CS2WD
5.145	Praha, Czech.	OKIMPT	5.990	Huancayo, Peru	OAX4P
5.230	San Jose, Costa Rica	TI-MC	5.990	Bogota, Colombia	★HJ3ABX
5.500	San Ramon, C. R.	TI-5HH	6.000	Montevideo, Uruguay	CXA-2
5.713	Guatemala City	T G S	6.000	Quibdo, Colombia	HJ1ABC
5.725	Quito, Ecuador	HC1PM	6.000	Tananarive, Madagascar	FI-QA
5.745	San Cristobal, Ven.	★YV2RA	6.000	Moscow, U.S.S.R.	RV-59

Dial	Location	Call	Dial	Location	Call
6.000	Mexico City	XE-BT	6.110	Davenport, England	G S L
6.005	Montreal, Quebec	CF-CX	6.110	Mexico City	XE-GW
6.005	Colon, Panama	★HP-5K	6.115	Praha, Czech.	ORL2C
6.005	Drummondville, Que.	VE9DN	6.120	New York City	W2-XE
6.007	Rangoon, Burma	X Y O	6.120	Helsinki, Finland	
6.007	Roberts Heights, S. Af.	Z R H	6.120	Mexico City	XE-UZ
6.007	Maraisburg, S. Africa	Z R J	6.122	Arequipa, Peru	OAX6A
6.010	Praha, Czech.	OLR2A	6.122	Panama City	HP-5H
6.010	Singapore, Malaya	Z H O	6.125	Montevideo, Uruguay	CXA-4
6.010	Sydney, Nova Scotia	CJ-CX	6.130	Halifax, N. S.	VE9HX
6.010	M/V KANIMBLA	VK9MI	6.130	Georgetown, B. G.	VP3BG
6.010	Recife, Brazil	★PRA-8	6.130	Kuala Lumpur, Malaya	Z G E
6.010	Habana, Cuba	CO-CO	6.130	Jeloy, Norway	L K J
6.015	Santiago, D. R.	★HI-3U	6.130	Habana, Cuba	CO-CD
6.020	Zeesen, Germany	D J C	6.137	L. Marques, P.E.A.	CR7AA
6.020	Veracruz, Mexico	★XE-UW	6.140	Pittsburgh, Pa.	W8-XK
6.024	Villarrica, Paraguay	★ZP-14	6.140	Bulawayo, Rhodesia	Z E B
6.030	Praha, Czech	OLR2B	6.145	Medellin, Colombia	HJ4ABE
6.030	Panama City	★HP-5B	6.145	Paris, France	TPB-14
6.030	Vatican City	H V J	6.147	Durban, S. Africa	Z R D
6.040	Miami, Fla.	W4-XB	6.150	Winnipeg, Manitoba	CJ-RO
6.040	Boston, Mass.	W1XAL	6.150	Moca, D. R.	★HI-5N
6.040	Paris, France	TPB-16	6.158	Caracas, Venezuela	YV5RD
6.040	Barranquilla, Col.	HJ1ABG	6.160	Colombo, Ceylon	
6.045	Tampico, Mexico	XE-TW	6.174	Mexico City	XE.XA
6.050	Davenport, England	G S A	6.180	Buenos Aires, Arg.	L R A
6.050	Colon, Panama	HP-5F	6.182	Santiago, D. R.	HI-1A
6.054	Pereira, Colombia	HJ6ABA	6.190	Guatemala City	T G 2
6.060	Philadelphia, Pa.	W3XAU	6.206	Trujillo City, D. R.	★HI-8Q
6.060	Cincinnati, Ohio	W8XAL	6.210	Coro, Venezuela	YV1RI
6.065	Motala, Sweden	S B O	6.225	Valera, Venezuela	★YVIRG
6.070	Toronto, Ontario	CF-RX	6.230	Lima, Peru	★OAX4G
6.070	Bogota, Colombia	HJ3ABF	6.235	La Ceiba, Honduras	H R D
6.072	Vienna, Austria	OER-2	6.243	Trujillo City, D. R.	★HI I N
6.075	Guadalajara, Mexico	★XE-CU	6.250	Caracas, Venezuela	★YV5RJ
6.079	Zeesen, Germany	D J M	6.270	Caracas, Venezuela	YV5RP
6.080	Penang, Malaya	Z H J	6.280	Trujillo City, D. R.	★HI I G
6.080	Chicago, Ill.	W9XAA	6.280	Sancti-Spiritus, Cuba	CO-HB
6.082	Lima, Peru	OAX4Z	6.300	Maracay, Venezuela	YV4RD
6.082	Nairobi, Kenya	VQ7LO	6.316	Trujillo City, D. R.	★HI I Z
6.085	Madras, India	V U M	6.330	Habana, Cuba	CO-CW
6.090	Jalapa, Mexico	XE-BF	6.335	Chiclayo, Peru	OAX1A
6.090	Paris, France	TPB-15	6.340	Trujillo City, D. R.	HI-IX
6.090	Hong Kong	ZBW-2	6.351	San Pedro Sula, Hond.	HRP-1
6.095	Tokio, Japan	J Z H	6.355	Rome, Italy	I C C
6.097	Maraisburg, S. Africa	Z R J	6.360	Maracaibo, Ven.	★YV1RH
6.097	Klipheuvell, S. Africa	Z R K	6.370	Puntarenas, C. R.	TI-WS
6.100	Belgrade, Yugoslavia	Y U A	6.375	Caracas, Venezuela	YV5RF
6.100	Chicago, Ill.	W9-XF	6.380	St. Kitts, B.W.I.	VP2LO
6.100	Bound Brook, N. J.	W3XAL	6.383	La Vega Real, D. R.	HI-8J
6.110	Manizales, Colombia	HJ4ABB	6.400	Caracas, Venezuela	YV5RH
6.110	Calcutta, India	V U C	6.400	Quezaltenango, Guat.	TG-QA

Dial	Location	Call	Dial	Location	Call
6.410	San Jose, Costa Rica	TI-PG	7.520	Moscow, U.S.S.R.	RK1-2
6.420	Santiago, D. R.	HI-1S	7.660	Managua, Nicaragua	★YN-LF
6.420	Bolivar City, Ven.	★YV6RC	7.717	Jaca, Spain	EA2BH
6.450	S. F. de Macoris, D.R.	★HI-4V	7.797	Geneva, Switzerland	H B P
6.465	Barquisimeto, Ven.	★YV3RD	7.854	Guayaquil, Ecuador	HC2JSB
6.480	Santiago, D. R.	★HI-1L	7.894	San Salvador	Y S D
6.500	Trujillo City, D. R.	H I L	8.465	Sofia, Bulgaria	L Z A
6.520	Valencia, Venezuela	YV4RB	8.580	Managua, Nicaragua	YN-PR
6.533	Managua, Nicaragua	YNIGG	8.650	Medellin, Colombia	★HJ4ABU
6.545	Bolivar City, Ven.	★YV6RB	8.665	Camaguey, Cuba	CO-JK
6.550	Ambato, Ecuador	HC-VT	8.831	Quito, Ecuador	HC-JB
6.550	San Jose, Costa Rica	★TIRCC	8.935	Santiago de Cuba	CO-KG
6.555	Trujillo City, D. R.	HI-4D	9.030	Habana, Cuba	CO-BZ
6.565	Puerto Plata, D. R.	HI-5P	9.095	Willemstad, Curacao	PJC-2
6.590	Tetuan, Spanish Morocco		9.100	Habana, Cuba	CO-CA
6.600	Trujillo City, D. R.	HI-6H	9.125	Budapest, Hungary	HAT-4
6.610	Managua, Nicaragua	★YN-LG	9.163	Quito, Ecuador	★HC1-GQ
6.618	Riobamba, Ecuador	Prado	9.200	Habana, Cuba	CO-BX
6.630	Trujillo City, D. R.	★H I T	9.280	Asuncion, Paraguay	Z P 8
6.655	La Vega Real, D. R.	HI-5G	9.300	Trujillo City, D. R.	★H I G
6.668	Guayaquil, Ecuador	★HC2RL	9.300	Managua, Nicaragua	★YN-CU
6.675	Geneva, Switzerland	H B Q	9.300	Guayaquil, Ecuador	★HC2CW
6.700	San Jose, Costa Rica	★TI-EP	9.330	Lima, Peru	★OAX4J
6.720	Bandoeng, Java	P M H	9.345	Geneva, Switzerland	H B L
6.730	La Romana, D. R.	★HI-3C	9.355	Quito, Ecuador	HC1ETC
6.750	Tokio, Japan	J V T	9.400	Guayaquil, Ecuador	HC-ODA
6.750	Madrid Front	A Z	9.437	Habana, Cuba	CO-CH
6.775	S. P. de Macoris, D.R.	H I H	9.440	Montevideo, Uruguay	CXA-9
6.790	Paramaribo, Surinam	P Z H	9.465	Ankara, Turkey	T A O
6.800	Trujillo City, D. R.	★HI-7P	9.480	Ica, Peru	OAX5C
6.850	Puerto Limon, C. R.	TI-OW	9.480	Madrid, Spain	E A R
6.900	San Jose, Costa Rica	TI-RS	9.500	Lahti, Finland	O F D
6.900	Trujillo City, D. R.	HI-2D	9.500	Mexico City	XE-WW
7.000	Valladolid, Spain	FET-1	9.500	Bangkok, Siam	HS8PJ
7.000	San Jose, Costa Rica	TI-VL	9.501	Rio de Janeiro	★PRF-5
7.050	Madrid Front	A Z	9.504	Praha, Czech.	OLR3B
7.100	Papeete, Tahiti	FO8AA	9.510	Melbourne, Australia	VK3ME
7.125	Alcazarquivir	EA9BJ	9.510	Daventry, England	G S B
7.128	Leon, Nicaragua	★YN3DG	9.520	Skamlebaek, Denmark	O Z F
7.152	Las Palmas, C. Is.	EA8AE	9.520	San Salvador	Y S H
7.177	Lobito, P. W. A.	CR6AA	9.520	Armenia, Colombia	★HJ6ABH
7.200	Managua, Nicaragua	YN-AM	9.520	Guadalajara, Mexico	★XE-DQ
7.204	San Sebastian, Spain	EAJ-8	9.520	Paris, France	TPB-13
7.220	Malaga, Spain		9.523	Roberts Heights, S. Af.	Z R H
7.248	Bilbao, Spain		9.525	Hong Kong	ZBW-3
7.351	Burgos, Spain	FET-5	9.530	Jeloy, Norway	L K C
7.380	Mexico City	XE-CR	9.530	Schenectady, N. Y.	W2XAF
7.400	Batavia, Java	Y D A	9.535	Tokio, Japan	J Z 1
7.450	San Jose, Costa Rica	TI-2LC	9.536	Suva, Fiji	VPD-2
7.500	Burgos (ex Salamanca)		9.540	Zeesen, Germany	D J N
7.500	S.C. de Tenerife, C.Is.	★EA8AB	9.550	Veracruz, Mexico	★XE-FT
7.510	Tokio, Japan	J V P	9.550	Schenectady, N. Y.	W2XAD

Roubie  
H H 4

SHORT WAVE REPORTER

Dial	Location	Call	Dial	Location	Call
9.550	Bombay, India	VUB-2	10.260	Bandoeng, Java	P M N
9.550	Paris, France	TPB-11	10.290	Zeesen, Germany	D Z C
9.550	Vatican City	H V J	10.330	Brussels, Belgium	O R K
9.550	Soerabaia, Java	Y D B	10.350	Buenos Aires, Arg.	L S X
9.550	Praha, Czech.	OLR3A	10.370	S. C. de Tenerife	★EAJ-43
9.553	Addis Abeba, Ethiopia		10.600	Belize, Br. Hond.	ZIK-2
9.560	Zeesen, Germany	D J A	10.660	Tokio, Japan	J V N
9.562	Lima, Peru	OAX4T	10.740	Tokio, Japan	J V M
9.565	Barquisimeto, Ven.	YV3RC	11.000	Bandoeng, Java	P L P
55	9.570	9.570	11.040	Lisbon, Portugal	CSW-2
9.570	Manila, P. I.	WI-XK	11.402	Geneva, Switzerland	H B O
9.580	Daventry, England	KZ-RM	11.535	Warsaw, Poland	★S P D
9.580	Melbourne, Australia	G S C	11.676	Rome, Italy	I Q Y
9.585	Paris, France	V L R	11.690	Hankow, China	X T J
9.590	Cincinnati, Ohio	TPB-10	11.695	Montevideo, Uruguay	CSA-19
9.590	Philadelphia, Pa.	W8XAL	11.700	Santiago de Chile	★CB-1170
9.590	New Delhi, India	W3XAU	11.700	Panama City	★HP-5A
9.590	Hilversum, Holland	VUD-2	11.705	Motala, Sweden	S B P
9.590	Sydney, Australia	P C J	11.710	San Salvador	Y S M
9.590	Perth, Australia	VK2ME	11.710	Guadalajara, Mexico	XE-WB
9.595	Geneva, Switzerland	VK6ME	11.710	Saigon, Fr. Indo-China	
9.600	Moscow, U.S.S.R.	H B L	11.710	M/V KANIMBLA	VK9MI
9.600	Mexico City	R A N	11.718	L. Marques, P.E.A.	CR7BH
9.605	Panama City	XE-YU	11.718	Paris, France	TPA-4
9.606	Klipheuvcl, S. Af.	HP-5J	11.720	Paris, France	TPB-9
9.616	Cartagena, Colombia	Z R K	11.720	Winnipeg, Man.	CJ-RX
9.630	Bucaramanga, Col.	HJ1ABP	11.730	Buenos Aires, Arg.	L R A
9.635	Rome, Italy	*HJ7ABD	11.730	Boston, Mass.	WIXAL
9.636	Taihoku, Taiwan	I2RO-3	11.730	Huizen, Holland	P H I
9.640	Colonia, Uruguay	JF-AK	11.740	Habana, Cuba	CO-CX
9.645	Port-au-Prince, Haiti	CXA-8	11.740	Vatican City	H V J
9.650	Lisbon, Portugal	HH-3W	11.740	David, Panama	HP-5L
9.660	Buenos Aires, Arg.	CS2WA	11.750	Daventry, England	G S D
9.660	Managua, Nicaragua	★L R X	11.760	Guatemala City	TC-WA
9.666	Lobito, P. W. A.	★YN-LF	11.760	Praha, Czech.	OLR4B
9.670	Rome, Italy	CR6AA	11.760	Monterrey, Mexico	XE-TA
9.670	Habana, Cuba	CO-CQ	11.770	Zeesen, Germany	D J D
9.685	Guatemala City	TG-WA	11.780	Panama City	★HP-5G
9.690	Singapore, Malaya	Z H P	11.780	Lahti, Finland	O F E
9.690	Heredia, Costa Rica	TI-4NRH	11.780	Zeesen, Germany	D J F
9.690	Buenos Aires, Arg.	L R A	11.790	Boston, Mass.	WIXAL
9.700	Fort-de-France, F.W.I.	Seri	11.800	Zeesen, Germany	D J O
9.737	Lisbon, Portugal	C S W	11.800	Habana, Cuba	CO-GF
9.830	Rome, Italy	I R F	11.800	Tokio, Japan	J Z J
9.833	Habana, Cuba	CO-CM	11.801	Vienna, Austria	OER-3
9.860	Madrid, Spain	E A Q	11.805	Skamlebaek, Denmark	O Z G
9.890	Sucre, Bolivia	C P I	11.810	Rome, Italy	I2RO-4
9.925	Dairen, Manchuria	J D Y	11.820	Daventry, England	G S N
9.940	Lisbon, Portugal	CSW-3	11.820	Hermosillo, Mexico	XE-BR
9.960	Habana, Cuba	CO-BC	11.830	New York City	W2-XE
10.050	San Jose, Costa Rica	TI-EMC	11.830	Chicago, Ill.	W9XAA
10.220	Rio de Janeiro	★P S H	11.840	Manila, P. I.	KZ-RM

55

9.6

Dial	Location	Call	Dial	Location	Call
11.840	Lisbon, Portugal	CSW-4	15.230	Praha, Czech.	OLR5A
11.845	Paris, France	TPB-8	15.240	Paris, France	TPB-5
11.850	Santiago de Chile	CB-1185	15.243	Paris, France	TPA-2
11.855	Zeesen, Germany	D J P	15.250	Boston, Mass.	W1XAL
11.860	Daventry, England	G S E	15.260	Daventry, England	G S I
11.865	Berne, Switzerland		15.270	New York City	W2-XE
11.870	Pittsburgh, Pa.	W8-XK	15.270	Cincinnati, Ohio	W8XAL
11.870	Cincinnati, Ohio	W8XAL	15.280	Zeesen, Germany	D J Q
11.875	Praha, Czech.	OLR4C	15.280	Trujillo City, D. R.	HI-3X
11.885	Paris, France	TPA-3	15.290	Buenos Aires, Arg.	★L R U
11.885	Paris, France	TPB-7	15.295	Paris, France	TPB-4
11.900	Praha, Czech.	OLR4D	15.300	Soerabaia, Java	Y D B
11.900	Mexico City	XE-WI	15.300	Rome, Italy	I2RO-5
11.900	Valdivia, Chile	CD-1190	15.310	Daventry, England	G S P
11.920	San Jose, Costa Rica	★TI-2XD	15.320	Praha, Czech.	OLR5B
11.960	Trujillo City, D. R.	HI-2X	15.330	Schenectady, N. Y.	W2XAD
11.980	Santiago de Chile	CB-1180	15.340	Zeesen, Germany	D J R
11.991	Vitoria, Spain	R R 6	15.370	Budapest, Hungary	HAS-3
12.000	Trujillo, Peru	R. Grande	15.370	Berne, Switzerland	
12.000	Moscow, U.S.S.R.	R N E	17.640	Paramaribo, Surinam	P Z F
12.235	Reykjavik, Iceland	T F J	17.750	Skamlebaek, Denmark	O Z I
12.460	Quito, Ecuador	HC-JB	17.755	Hong Kong	ZBW-5
13.635	Warsaw, Poland	★S P W	17.760	Zeesen, Germany	D J E
13.992	Tetuan, Sp. Morocco	EA9AH	17.760	New York City	W2-XE
14.115	Jaca, Spain	EA2BH	17.770	Huizen, Holland	PHI-2
14.440	Malaga, Spain		17.780	Paris, France	TPB-2
14.535	Geneva, Switzerland	H B J	17.780	Bound Brook, N. J.	W3XAL
14.600	Tokio, Japan	J V H	17.780	Chicago, Ill.	W9XAA
14.935	Rio de Janeiro	★P S E	17.785	Tokio, Japan	J Z L
15.083	Moscow, U.S.S.R.	R K I	17.790	Daventry, England	G S G
15.110	Zeesen, Germany	D J L	17.800	Guatemala City	TG-WA
15.121	Vatican City	H V J	17.800	Helsinki, Finland	
15.130	Boston, Mass.	W1XAL	17.810	Paris, France	TPB-3
15.130	Paris, France	TPB-6	17.820	Rome, Italy	I2RO-6
15.140	Daventry, England	G S F	17.840	Vatican City	H V J
15.150	Bandoeng, Java	Y D C	18.115	Buenos Aires, Arg.	LSY-3
15.155	Stockholm, Sweden	SM5SX	18.450	Geneva, Switzerland	H B F
15.160	Tokio, Japan	J Z K	18.480	Geneva, Switzerland	H B H
15.160	New Delhi, India	V U D	19.020	Bangkok, Siam	HS8PJ
15.160	Mexico City	XE-WW	21.080	Rio de Janeiro	★P S A
15.160	Praha, Czech.	OLR5C	21.440	Zeesen, Germany	D J S
15.165	Skamlebaek, Denmark	O Z H	21.450	Praha, Czech.	OLR6A
15.170	Guatemala City	TG-WA	21.460	Boston, Mass.	W1XAL
15.180	Daventry, England	G S O	21.470	Daventry, England	G S H
15.182	Moscow, U.S.S.R.	RV-96	21.490	Paris, France	TPB-1
15.190	Rome, Italy		21.500	Schenectady, N. Y.	W2XAD
15.190	Helsinki, Finland		21.515	New York City	W2-XE
15.190	Hong Kong	ZBW-4	21.520	Tokio, Japan	J Z M
15.195	Ankara, Turkey	T A O	21.520	Philadelphia, Pa.	W3XAU
15.200	Zeesen, Germany	D J B	21.530	Daventry, England	G S J
15.210	Pittsburgh, Pa.	W8-XK	21.540	Pittsburgh, Pa.	W8XK
15.220	Hilversum, Holland	PCJ-2	21.550	Daventry, England	G S T

## ROLLING OFF A LOG

There is pleasure in logging new stations for it is not unlike a game. The pleasure is intensified—it is more exciting and alluring—if a score be kept for the spirit of contest then enters into the game. With this thought in mind, the QRC devised a plan which embraces all the enjoyable features of a contest, inclusive of prizes, but is distinctly not a contest for it is devoid of chance. You are absolutely certain of winning your prize, and as many of them as you may care to win. There are no losers. Using QRC forms, obtainable at 90 for 9 cents, post-paid, the object is to log 30 different shortwave *broadcast* stations, 10 times each—a total of 300 reports. This entitles you to a prize valued not in excess of 75 cents, such as a National Geographic Society map, on linen, or, for instance, you may add 50 cents and receive an Amateur Call Book. For each additional 30 stations logged ten times, you may select an additional prize.

You may tune at your pleasure, there being no appointed time, but at least an hour should elapse before again logging the same station. Reports should be on shortwave *broadcast* stations only; not point-to-point relays, telephone circuits, special services nor amateurs. By "broadcast" is meant entertainment for reception by the general public. A musical selection or an advertised product, by name, is a sufficient log. Unless in the station's own language, a longer log is not desirable. Reports may be sent the QRC monthly or oftener, at your convenience, each accompanied by a half cent, of which a quarter cent applies toward the prize to be selected by you upon completing 30 stations, ten times each, and the remainder is for forwarding postage. Reports are forwarded by the QRC to the respective stations upon assembly from all sources of a mailing unit. If the postal rate is 3 cents, 15 reports for the same address constitute a mailing unit, or if 5 cents, 25 reports. This is the Connoisseur Plan—a privilege reserved for the exclusive enjoyment of QRC members.

In behalf of those Members who evidence their intention of earning prizes under the Connoisseur Plan, the verification of any Connoisseur Report (Star Stations excepted) will be requested by the QRC upon deposit of 6c additional, Star Veries being 11c. You have no letter of request to write. Just mark with a "V" in the left margin the reports you desire verified, list them with your remittance, and the QRC will do the rest. Star Stations are those that guarantee to verify.



10 CENTS

OCTOBER

# SHORT WAVE REPORTER



BROADCAST SCHEDULES  
OFFICIAL IDENTIFICATION AIDS  
NEW STATIONS AND STATION NEWS



## QRC REPLY VOUCHERS

In the tropics where summer static is ever present, listeners in the interior can be reached only through short wave broadcast stations. These are licensed as commercial stations and depend upon advertising revenue for support. That operating expenses shall not exceed income is vital to their very existence. When newly on the air, they may ask reports of listeners everywhere. These they may verify just so long as their desire to receive them justifies the expense of verification. The issuance of verification cards entails not postage alone, but clerical salaries and printing costs as well.

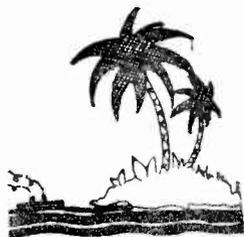
When tests have been concluded and the regular commercial program service of the station inaugurated, the only reports helpful in a business way are those that show local coverage, that is, the number of customers to be reached within the territory served by the advertisers sponsoring the programs. That such programs may have been heard in distant lands where his products are not offered for sale and cannot be bought interests the advertiser not in the least. The station might be pleased but foreign reports produce no revenue. To extend the courtesy of a verification is to incur an absolute loss. The reason why stations stop verifying is simply because of the *expense*.

Courtesy dictates that he who asks a favor should bear the expense of that favor. Those who ask for verifications customarily supply International Reply Coupons (IRC) to defray reply postage. Stations say that IRC are a nuisance of little or no value. Nor do IRC ever assure the purchaser a reply. QRC Reply Vouchers, authorized for use by Members, do provide this assurance. Costing 11c each (plus 3c postage on the order) these vouchers yield the stations of any country 10c net. It is recommended, however, that they be sent only to those stations that have agreed to honor them. These include HIZ, HJ3ABD, HRN, TIEP and more than half a hundred others, each designated in the REPORTER by a star.

Keep a supply of QRC Vouchers on hand in readiness for use. They do not expire. All unused vouchers will be redeemed instantly at face value by the QRC. The prompt verification of all correct reports, accompanied by QRC Reply Vouchers, is assured Members when requested direct of Star Stations. The satisfaction of having rendered a superlative service is the sole profit of the QRC in lending Members this assistance.

(★) QRC Vouchers honored.

# Short Wave Reporter



## HEAR MOTALA!

The thrill of listening to programs from their homeland is now afforded the Swedish-American audience twice weekly, that is, Wednesday and Saturday evenings from 8 till 9 p. m. EST. With 12 kilowatts power, station SBP of Motala on a frequency of 11,705 kilocycles directs a special program to these shores. Although but slightly higher in frequency than the heterodyne usually present on 11,700 kc where stations HP5A and CB1170 hold forth, listeners in the New England area may fortunately be able to separate these channels.

Western listeners are less fortunately situated and have little hope of logging this special program. However, it is possible for them to log Sweden's early morning broadcast relayed by this same station, the hour in PST being from 10:15 till 11 p. m. The path of the radio wave is then favorably enveloped in darkness and the interfering stations are absent, although the same may not be said entirely of static. Those who hope not for program value but merely to log sufficient of the program for verification purposes should be sure to hear the opening announcement for it is then and then only that English may be heard.

Reports should be addressed to Motala Rundradiostation, Motala, Sweden.

Although Members have not yet reported reception of the Lahti stations of Finland, OFD 9.500 and OFE 11.780, both channels normally being occupied by stations nearer at hand, may we suggest that success might attend efforts to log a similar early morning quarter-hour program commencing at 10:30 p. m. PST. It is planned to increase the power of these stations to 10 kilowatts before the close of the year. Even so, a clear channel is essential.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.  
10 Cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1938 by E. J. Shields. Chots.  
Advertising accepted of reputable firms only. Rates on application.

**ARGENTINA**

Radio del Estado LRA of Buenos Aires on 9.690 is now designated LRA-1.

**AUSTRIA**

It will be noted that the frequencies 6.072 and 11.801 kcs formerly pertaining to Radio Wien (Vienna) OER-2 and OER-3, respectively, are now assigned the German stations DJY and DJZ.

**BOLIVIA**

Radio Illimani of La Paz is reported active on 47 meters. Announcements are "CP-4 y CP-5," the latter being the short wave call. Address is Casilla Correo 637.

**CANADA**

The Winnipeg stations CJRO CJRX are now observing a new schedule Saturday nights only, as will be seen in a footnote of this issue.

**CHILE**

"Radio Service" of Santiago de Chile, relaying CB-93, has appeared on 11.740 where it is badly heterodyned by COCX of Habana and SP-25 of Warsaw. This new station is believed to be the property of Desmaras & Cia., Ltda., managed by Luis M. Desmaras and directed by Jorge Bernain. Studios are probably at Bandera 176, with postal address Casilla 761.

Listeners who wish to log Radio Mercurio CB-1185 of Santiago on

a frequency of 11.850, will note that aside from their midday schedule they broadcast Saturday evenings only.

At the moment of going to press and without time in which to obtain additional details, a Member reports by air mail the advent near 9,740 kc of "The Voice of Chile" at Santiago.

**FINLAND**

In respect of the Lahti short wave station, the Finnish Broadcasting Corporation kindly states: "This provisional station of 1 kw will, within this year, be given an aerial power of 10 kw. It shares the programmes of Lahti long wave station, inclusive of the opening and closing themes and interval signal as well."

**HOLLAND**

Philips' Holland-India Broadcasting Station has applied for permission to alter their operating schedule, the principal changes being a daily half-hour "Morning Express" program over PCJ-2 15.220 from 6:15 till 6:45 p. m. EST, and the PHOHI program for the Netherlands East Indies daily from 7:25 till 8:25 a. m. EST or later, over PHI-2 17.770. New verification cards have been printed illustrating the rotary directive broadcasting antenna in use. Reception reports should be sent to the Phohi Studios, Hilversum, Holland.

CJRO "Manitoba's Friendly Stations," Winnipeg (Middlechurch) 2 kw 6.150 & CJRX 2 kw 11.720 relay CJRC. (s) "God Save the King." Ken Cameron, Chief Studio Engineer. Norman R. Chamberlin, Publicity Director. H. R. McLaughlin, Manager of Radio Division. James Richardson & Sons, Ltd., Owners & Operators. Studios: Royal Alexandra Hotel. 11.720 CJRX 6.150 CJRO 10.....3 S

**ITALY**

The Rome station relaying 2RO on 15.190 could be mistaken for TAO Ankara, Turkey, no reports on the latter having yet reached the QRC.

**GERMANY**

A member has had the kindness to report that DZG 15.360 of the Zeesen chain comes on the air at about 5:45 p. m. EST nearly every evening, often in parallel with DJE, calling Radio Splendid, Buenos Aires, with a brief program that usually ends at 6:05 p. m. EST.

**INDIA**

Particulars of All India Radio will be found in the Station Data section of this issue. It will be noted that VUD-2 and VUD-3 of Delhi share 9.590, the distinction between the transmitters being one of power. Eastern listeners report good reception at 8:30 p. m. EST of VUD-3 on 15.160, a broadcast which, under favorable conditions, is also audible on the Pacific Coast. At sunrise, western listeners should have little difficulty in logging VUD-3 on 9.590, while earlier risers may attempt the segregation of the several Indian transmitters from the Colombians on the 60 meter band. Reports have been received of a number of unknown Asiatics between 60 and 75 meters, said to carry other than NIROM programs.

**CHINA**

Station XTJ of Hankow 11.690 continues to be heard well in North America during the half-hour broadcast commencing at 7 a. m. EST.

**PANAMA**

Radio "Ron Dalley" HP-5G of Panama City, normally on 11.780, has been reported operating on an announced temporary frequency of 11.895.

**U. S. S. R.**

Anent the Soviet station on 15,182 kcs, a Member kindly reports: "As I happen to speak Russian, I am able definitely to inform the QRC of the announcement which I myself have heard, namely, 'RV-96 Radio Cominterne' (Communist Internationale) Moscow, and from my observations they appear to broadcast regularly." In our opinion, this stations affords the Pacific Coast the best opportunity to log Moscow, with peak signal near 7:30 a. m. PST. Characteristics are three time pips at 7 a. m. PST with talks by a man or woman in Slavic tongue, or dialogue (questions and answers) and occasionally classic music. Should the program be concluded before the quarter hour period, the hiatus is bridged by silence. With the Kremlin chiming the hour of 12 and the playing of the Internationale, the station leaves the air at 4 p. m. EST.

★CB-1185 Radio Estacion "El Mercurio," Santiago de Chile, 1.5 kw 11.850 relays CB-138 "El Mercurio" 1,380 kc (o) "Cancion Nacional Chilena." (s) "La Cancion de Yungay." Jorge Echegoyen, Technician. Jorge Martinez, Agent. Gustavo Campana, Director. L. E. Brain, Manager. Brain & Echegoyen, Owners. Studios: Calle Compania 1214. Casilla 13-D.

11.850 CB-1185

11-----1

6-----11

S

SMTWTFSS

## OUR GARDEN

Had been looking forward to the September REPORTER and, believe me, it was great. The feature of station and listener cards is very interesting and I hope it may be continued.—Chas. A. Marion, QRC 1208 La.

I like the new policy of illustrating verification and SWL cards very much and hope you will see fit to continue it. I'll want some QRC Reply Vouchers before long now.—Ray Dissinger, QRC 1211 Kans.

Many thanks for April and June REPORTERS which I have received. Good luck and good health to you boys and plenty DX. "I'm a Braw Laddie frae" Galashields ye ken "John Anderson ma Jo."—Jno. Anderson, QRC 1425 N. Z.

I am enjoying the REPORTER more every month and hope to have it coming this way for a long time. I depend upon it a great deal for QRA's and to some degree for schedules. The Station Selector is an improvement.—Nicholas J. Hock, QRC 997 N. J.

That certainly is a grand REPORTER! The pages of cards are better than pictures of individuals. I am not exchanging SWL cards. It cost me about \$15 for a couple of years and I never wanted to exchange cards in the first place.—Margaret Hamilton, QRC 145 Mich.

I was greatly interested in the four pages of QSL cards which were included in the September REPORTER and hereby cast my vote for the continuation of this feature. Best wishes for the continued growth of the S. W. R.—Myron D. Reamy, QRC 116 N. Y.

Your reproduction of verification cards is a splendid idea—fills one with enthusiasm for the collection of those and similar cards in general. Keep it up!—Harold Satterthwaite, QRC 1429 Cal.

Received the good old REPORTER yesterday and do not want to fail to express my thanks and to assure you that it is far ahead of anything published in the DX field. This I now realize more than ever, having missed it during the summer months and now I see the difference. Am expecting all kinds of information shortly re Station Boy-Landry of Saigon with whom I've been corresponding, and as soon as I receive it, I'll be pleased to pass it on to the QRC.—H. Orlaw, QRC 1116 B. C.

As a member of the NNRC, I find the REPORTER a time and money saver for I had written different Star Stations many times but without obtaining their verifications.—Frank H. Koble, QRC 1451 N. J.

---

★TIEMC "Radio El Mundo." San Jose, C. R., 1 kw 10.050 relays TIEM 1,400 kc (s) "Dos de Abril." Jorge Ortiz, Fernando Chacon, Jorge Castillo, Announcers. Fernando Quesada, Technician. Jorge Moreno Velez, Agent. Miguel Angel Montero, Director. Rafael Hine, Manager. Eduardo Moreno Carrio, Owner. Studios: Calle 9a entre Aves. 16 y 18. Apartado 1049.

**QRC REPORTING MEMBERS**

- 8 Henry V. Miner, Mass.
- 44 Irving Van Zandt, Jr., N. J.
- 64 Frank R. Grey, Ill.
- 116 Myron D. Reamy, N. Y.
- 145 Margaret Hamilton, Mich.
- 174 Thos. Van Auken, Tex.
- 215 Thos. F. Waters, Ohio.
- 252 Walter L. Chambers, Mass.
- 311 Eric A. Bristow, Ill.
- 326 Robert R. Irwin, Ill.
- 359 Anthony C. Tarr, Wash.
- 384 Lewis F. Miller, N. Y.
- 406 Harold Levison, Pa.
- 517 Max H. Bass, N. Y.
- 571 Robert B. Park, B. C.
- 675 Albert Steinmetz, Cal.
- 814 John Peter Gawel, N. Y.
- 912 Melvin W. Oliver, Tex.
- 917 Dr. Pablo Franquet, Arg.
- 997 Nicholas J. Hock, N. J.
- 1002 Gustave A. Magnuson, R. I.
- 1023 James F. Dyer, Va.
- 1116 H. Orlaw, B. C.
- 1124 Gerald Cote, P. Q.
- 1208 Chas. A. Marion, La.
- 1211 Ray Dissinger, Kans.
- 1219 Bernard L. Ahman, Jr., Md.
- 1320 George E. Mills, Ont.
- 1324 Chas. M. Robinson, Iowa
- 1347 Alfred H. Bacon, B. C.
- 1368 Herman Schafer, Mich.
- 1378 John H. O'Leary, N. Y.
- 1379 Edward Walpole, Cal.
- 1425 Jno. Anderson, N. Z.
- 1429 Harold Satterthwaite, Cal.
- 1445 Alfred Sutlick, Kans.
- 1446 John W. Sledge, Jr., Tex.
- 1451 Frank H. Koble, N. J.

Received the September REPORTER today and it is a honey, the best edition by far of any yet printed. I particularly like the veri fotos. Am sure these will be especially appreciated by all members. The Station Selector in the back of the book is very well compiled. Be sure to continue the veri fotos from SW stations.—Chas. M. Robinson, QRC 1324 Iowa.

Just received the first issue of the REPORTER for the season and it is swell. The complete station list is OK with me and the pictures of veries and SWL cards, too.—Edward Walpole, QRC 1379 Cal.

**POLAND**

Among the new stations of the month are SP-19 and SP-25 of Warsaw on 15.121 and 11.740 respectively, operating in parallel with SPW and SPD. SP-25 fares poorly on 11.740 where mutual interference is encountered between COCX of Habana, Radio "Service" of Santiago de Chile and SP-25. Western listeners will find SPW audible toward the conclusion at 6 p. m. PST of their daily broadcast. Static is greatly in evidence.

COJK Camaguey 1 kw 8.663 relays CMJK de El Camagueyano (news-paper) 780 kc (o) 10 a. m. "Estrellita" (Little Star) by Ponce. (i) 3 tone gong. (s) None. Vincent P. Jones, Technician & English Announcer. Juan B. Castrillon, Manager & Director. Jones, Castrillon & Co., Owners. Studios: Finlay 3, altos. P. O. Box 320.

Spanish News	12	7½ 9½	SMTWTFS
Chinese News		8	SMTWTFS
English News	11:50	8:10	SMTWTFS
8.663 COJK	10----12½	7-----11	SMTWTFS

COCA Habana 100 w 9.100 relays CMCA 500 w 1,350 kc (o) "La Leyenda del Beso" (The Legend of the Kiss). J. Gonzalez de Ara, Technician. A. Testar, Owner & Operator. Studios: Ave. de Italia, 464.

9.100 COCA	8-----	12	SMTWTFS
------------	--------	----	---------

## STATION DATA

The facts herein briefly presented have been obtained, with the aid of Members, from those highest in authority—the Stations themselves—half this Section, with revisions, being published monthly.

Time: Eastern Standard, 5 hours behind GMT.

Symbols: (o) Opening Theme; (i) Interval or Identifying Signal.

(s) Opening and/or Closing Signature.

(★) QRC Reply Vouchers honored.

## FINLAND

OFD Lahti, Suomi (Finland) 1 kw 9.500; OFE 1 kw 11.780; Finnish Time 7 hours ahead of EST. (i) Bar of five quarter music. (s) Finnish National Anthem. Messrs. Rautio, Enehjelm, Mrs. Jakobsson-Lilius, Miss K. Puuska, Announcers. Arvi Hauvonen, Engineer. J. V. Vakio, Managing Director. Finnish Broadcasting Corporation—O. Y. Suomen Yleisradio A. B. (Joint stock company 90 pc State owned) Operators. Address: Helsinki, 15 Fabianinkatu, Suomi. 9.500 OFD 11.780 OFE  
5.6½ 10-----5 1½¼ SMTWTFS

Congratulations on the September issue of the REPORTER; your new feature of printing verification cards will, I am sure, be appreciated by members of the QRC.—G. E. Mills, QRC 1320 Ont.

September REPORTER received today and I must say it is chock full of valuable information. I like the idea of illustrating the station verification cards and would like this excellent feature continued.—Alfred Sutlick, QRC 1445 Kans.

Keep up the good work! To me the fotos of cards are much more interesting than those of individuals unless the latter are accompanied by a well deserved write-up. Am getting a Hallicrafters soon and then I'll join the regular reporters.—Bernard L. Ahman, Jr., QRC 1219 Md.

Believe the new set-up of the REPORTER is an improvement, as I always keep a complete set of three before me anyway—all the station data before me at once, you know. Also, the same applies to the photos, as everyone is interested in station QSL's whereas only a few are interested in the photos of individuals — Melvin W. Oliver, QRC 912 Tex.

I like having veries shown in the REPORTER and would suggest you show all veries issued by Star Stations. During the past two years I've sent five reports, each with IRC, to YV1RL but have never had a reply. I want one of their veries. Do you believe I will get one if I send a QRC Voucher?—Frank B. Stockbridge, QRC 1095 Mass.

★HC1PM "El Palomar," (The Dove-Cote) Quito, Ecuador, 5.725 (s) "Marcha de Aida." (i) Chimes. Luis Alfonso Ortiz, Announcer. Catholic Hour Committee, Directors. J. Leonardo Ponce, Owner & Operator. Studios: Bolivar 16. Casilla 664.

6.725 HC1PM

8-----11

M

GERMANY

German Short Wave Station (Deutscher Kurzwellensender) Berlin (Zeesen) 12-50 kw (i) 9 notes from folk song "UlB immer Treu und Redlichkeit" (Always be true and honest), melody of the chimes of Garrison Church in Potsdam in memory of the opening there in March, 1933, of the first Reichstag under the National Socialist (Nazi) rule. (s) "Horst-Wessel Lied," Nazi marching song, followed by "Deutschlandlied." Dr. Rieche, Technician. Dr. v. Boeckmann, Intendant. Reichs-Rundfunk-G.m.b.H., Operators. Studios: Berlin-Charlottenburg 9, Masurenallee 8-14. For veries: Funkleitburo des Reichspostministeriums, Berlin W 66, Leipziger Strasse 15.

9.560 DJA	17.815 DJG	6.079 DJM	25.850 DJT
15.200 DJB	17.845 DJH	9.540 DJN	25.950 DJU
6.020 DJC	7.290 DJI	11.800 DJO	26.450 DJV
11.770 DJD	21.565 DJJ	11.855 DJP	9.650 DJW
17.760 DJE	21.640 DJK	15.280 DJQ	9.675 DJX
11.745 DJF	15.110 DJL	15.340 DJR	6.072 DJY
		21.450 DJS	11.801 DJZ
For Australia:			
9.560 DJA	15.200 DJB		
----- 11			
			12----- SMTWTFS
For Asia:			
21.450 DJS	15.280 DJQ		
----- 11			
			12----- SMTWTFS
17.760 DJE			
----- 5 $\frac{3}{4}$	8----- 10		12----- SMTWTFS
For Africa:			
15.110 DJL	10 $\frac{1}{2}$ ----- 4 $\frac{1}{2}$		12--2 SMTWTFS
	6--8		S
11.770 DJD	10 $\frac{1}{2}$ ----- 4 $\frac{1}{2}$		SMTWTFS
6.020 DJC	11 $\frac{1}{2}$ ----- 4 $\frac{1}{2}$		SMTWTFS
For South America:			
17.760 DJE	11 $\frac{1}{4}$ 12 $\frac{1}{2}$		S
	6-7 $\frac{1}{2}$	4 $\frac{3}{4}$ ----- 10 $\frac{3}{4}$	SMTWTFS
9.540 DJN	15.280 DJQ	4 $\frac{3}{4}$ ----- 10 $\frac{3}{4}$	SMTWTFS
For North America:			
15.110 DJL	8-9		SMTWTFS
15.200 DJB	11.770 DJD	4 $\frac{3}{4}$ ----- 10 $\frac{3}{4}$	SMTWTFS
11.855 DJP		7 $\frac{1}{4}$ ----- 10 $\frac{3}{4}$	SMTWTFS
15.200 DJB	11 $\frac{1}{4}$ 12 $\frac{1}{2}$		S
For Central America:			
15.340 DJR	8-9	4 $\frac{3}{4}$ ----- 10 $\frac{3}{4}$	SMTWTFS
9.560 DJA		6----- 10 $\frac{3}{4}$	SMTWTFS

GREAT BRITAIN

GS- London (Daventry). Interval: Chimes of Bells of Bow Church (Cheapside). Greenwich time signal pips. Big Ben strikes the hour, preceded by the Westminster Chimes to which has been set the verse, "All thru this hour, Lord, be my Guide, and by Thy Power, no foot shall slide." (s) "God Save the King." Concessionaire: The British Broadcasting Corporation, Broadcasting House, London, W.1.

6.050 GSA	11.860 GSE	15.260 GSI	11.820 GSN
9.510 GSB	15.140 GSF	21.530 GSJ	15.180 GSO
9.580 GSC	17.790 GSG	26.100 GSK	15.310 GSP
11.750 GSD	21.470 GSH	6.110 GSL	21.550 GST

## FRENCH INDO-CHINA

"Radio Boy-Landry," Saigon 6.010, 11.710 & 1.300 (s) "La Mar-seillaise." (i) 9 chimes. Ch. Gantier, Director General. Ets. Boy-Landry. Owners. Studios: 15-17, Place A. Foray.

## GUATEMALA

TG-2 "Radio Morse" (In honor of Samuel F. B. Morse) Guatemala City 200 w 6.190 (still looking for an open channel) relays TG-1 200 w 1,310 kc. Programs open and close with National Observatory time and code signal. (i) Six chimes: 3-1-2 "G" octave. (s) "La Flor del Cafe" (The Coffee Flower) marimba waltz by the Guatemalan composer, German Alcantara. Government Station with studios in the building of the Direccion General de Comunicaciones Electricas.

6.190 TG-2 7-----11 3-----8 6-----11 S MTWTFSS  
6-----1

TGS "Radiotransmisora de la Casa Presidencial" (Executive Mansion) Guatemala City 200 w 5.713 (s) "Military March" and 5 strokes of a gong. Julio Caballeros h., Technical Director.

TGQA "La Voz de Quezaltenango," Quezaltenango City (Guatemala's second largest city, 7,500 feet in altitude) 200 watts 6.400 relays TGQ 200 w 1,450 kc (s) Waltz "Xelaju" (Indigenous dialect for "Under the Ten Keys," ten Indian forts having guarded that part of the Quiche territory prior to the advent of the Conquistadores). (i) Six chimes: 3-1-2. Alfonso Saenz Aguilar, Announcer. C. H. W. Nason, Technician. Government Station. Address reports either to the Station or to the Direccion General de Comunicaciones Electricas, Guatemala City. Reply postage not required.

6.400 TGQA 1---3 9-----11 S MTWTFSS  
9-----1

TGWA "The Voice of Guatemala," Guatemala City 10 kw relay; TGW 1 kw 1,520 kc (s) Opening measures of "El Ranchito," Guatemalan son by Mario Bolanos, marimba. Eduardo Vasquez, Carlos Castillo, Alfonso Rodriguez, Announcers. James B. McElroy, Technician. Ing. Luis Schlesinger Carrera, Director. Government Station under the direction of the Ministerio de Fomento. Studios: 18 calle Oriente y Calle Concordia.

17.800 TGWA 11.760 TGWA 12 1/2 1 1/2 S MTWTFSS  
15.170 TGWA 12 3/4 ----- 5 1/2 S  
9.685 TGWA 10.11 1/2 S MTWTFSS  
7-----11 1/2 S

TGWB "The Voice of Guatemala," Guatemala City 1 kw 6.490. For details, please see TGWA above.

## HONDURAS

HRD "La Voz de Atlantida," La Ceiba, Atlantida Dept., 250 w 6.235 (o) "Solo Tuyo" (Thine Alone), marimba fox-trot. (s) "Intermezzo No. 1 de Luis Calvo." Juan Ferez h., & Emilio Crespo, Announcers. Dr. Tulio Castaneda G., Director. Emilio Crespo, Manager. Dr. Tulio Castaneda & Emilio Crespo, Owners. Studios: Avenida 14 de Julio.

6.235 HRD 7-----10 SMTWTFSS

HRP-1 "El Eco de Honduras," San Pedro Sula 6.351 (o) "Boy Scout March" by Prof. Fco. R. Diaz. (s) "Honduran National Anthem." Joaquin Mendoza, Director. Diaz Zelaya & Co., Owners.

★HRN "La Voz de Honduras," Tegucigalpa 500 w 5.875 & 50 w 1.250 (s) "Goodnight Melody" by Ted Lewis & Orch. (i) Notes of National Anthem. Manuel Bonilla R., Rodolfo Rios & Francisco Medina, Announcers. F. Diaz Zelaya, Musical Director. Coronado Henriquez, Operator. Paul John, Co-Owner & Chief Engineer. Rafael Ferrari, Co-Owner, Manager & Chief Announcer in Charge of Programs.  
 5.875 HRN 7-----10½ SMTWTFS

HAITI

HH-2S Port-au-Prince 100 w 5.915 (s) "The Swan." (i) 4 Chimes. Paul Gentil, Announcer. Carl Etienne, Operator. R. Armand, Director. A. Mallebranche, Manager. Societe Haitienne de Radiodiffusion, Owners. Studios: 15th Street & Avenue D. Boite Postal A-103.  
 5.915 HH-2S 7-----10 MTWTFS

HH3W Station de Radiodiffusion, Port-au-Prince 150 w 9.645 relays HHW 100 w 1,230 kc (s) "Two Guitars." (i) 4 chimes. Jean Artaud, Rene Godfroi, Pierre Eli, Announcers. O. Widmaier, Roberto Muino, Operators. C. Ricardo Widmaier, Manager. C. Ricardo Widmaier, Jr., Owner & Director. Studios: Ruelle Calstrum No. 13. P. O. Box A-117.  
 9.645 HH-3W 1---3 7---9 S MTWTFS

HUNGARY

"Radio Budapest," Budapest (Szekesfehervar) 5 kw (s) "Hungarian National Anthem." (i) Music Box. Seven Announcers. B. Marschalko, Manager. Government Station under direction of Postal Administration. Address: Radiolabor, Budapest.  
 15.370 HAS-3 9-10 S  
 9.125 HAT-4 7-8 S W  
 6-7 S

INDIA

VUB-2 "All India Radio," Bombay 10 kw 9.550 (s) "God Save the King." (i) Nil. IST 5½ hours ahead of GMT. Lieut. N. A. S. Lakshmanan, M. A. (Oxon), Director. Victor Paranjoti, M. A., F.I.G.C.M., Asst. Director. A. S. Dholekar, Program Director. T. K. Garudachar, M. A., Engineer. Government Station. "Irwin House," Sprott Road, Ballard Estate, Bombay. 9.550 VUB-2 9½10½ 1---3½ SMTWTFS  
 4.905 VUB-2 7-----12½ SMTWTFS

VUC-2 "All India Radio," Calcutta 10 kw 4.880 & 9.530. This station commenced operation August 16, 1938. 9.530 VUC-2 2--4 SMTWTFS  
 4.880 VUC-2 6½-----12 SMTWTFS

VUD-2 "All India Radio," Delhi 10 kw 4.995 & 9.590. VUD-3 Delhi 5 kw 9.590 & 15.160. All communications should be addressed to the Station Director, All India Radio, by title and not by name.  
 15.160 VUD-3 8½--10½ 1½--3½ SMTWTFS  
 9.590 VUD-3 7½-----12½ SMTWTFS  
 9.590 VUD-2 8½--10½ 1½--3½ SMTWTFS  
 4.995 VUD-2 7½-----12½ SMTWTFS

VUM-2 "All India Radio," Madras 10 kw 4.950.  
 4.950 VUM-2 7-----12½ SMTWTFS

## ICELAND

TFJ "Utvarp Reykjavik!" Reykjavik 7 kw 12.235 (s) "O, Gud Vors Lands," National Anthem. Jonas Thorbergsson, Director. Government Station under direction of Rikisutvarpid (Iceland State Broadcasting Service). P. O. Box 547. 12.235 TFJ 132½

## ITALY

2RO Roma (Prato Smeraldo) 25 kw 9.635 & 11.810 (o) "Bells of Rome." (i) Twittering of mechanical Chaffinches. (s) Royal March & Fascist Anthem "Giovinezza." R. O. Andreani, Announcer, American Hour. Ente Italiano per le Audizioni Radiofoniche (E.I.A.R.), Owners & Operators, 5 Via Montello, Rome. 9.635 12RO3 15.170 12RO5 15.300 12RO6  
11.810 12RO4 5-----8¾ 10-----9 SMTWTFS

Italo Radio, Societa Italiana per i Servizi Radioelettrici, Rome, Via Calabria, 46-48.

6.355 ICC		3.3½		SMTWTFS
9.830 IRF	12¼	3.3½	6-----9	SMTWTFS
11.676 IQY	12¼	--2¾	3.3½	SMTWTFS

## JAPAN

J—Tokio (Nazaki) 50 kw (s) "Kimigayo," National Anthem. (i) Ten Chimes. Final word of closing announcement: "Sayonara!" Shinroku Tanomogi, Chief of Overseas Section. Naomichi Kataoka, Managing Director. Shichiro Komori, President. Broadcasts sponsored by Kokusai-ka (Overseas Section) Nippon Hoso Kyokai (The Broadcasting Corporation of Japan.) General Offices: Hibiya-park, Kojimachi-ku, Tokio. Studios: Atagoyama, Shiba-ku, Tokio. (For veries, address the studios.)

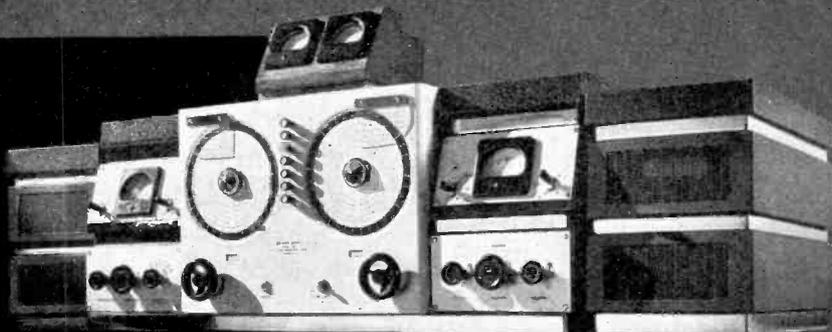
11.800 JZJ	15.160 JZK	2¾--4	SMTWTFS
11.800 JZJ	15.160 JZK	4¾5¾	SMTWTFS
17.785 JZL		8-8½	SMTWTFS
15.160 JZK		12½1½	SMTWTFS
15.160 JZK	7-7¾		SMTWTFS
11.800 JZJ	8-9¾		SMTWTFS

JFAK "Taihoku Broadcasting Station," Taihoku, Taiwan (Formosa) 9.636 (i) 7 tinkling chimes. (s) "JFAK" twice repeated. Jiro Hayashi, Manager.

JDY "The Voice of Manchoukuo," Dairen (Japanese Leased Territory of Kwantung) 10 kw 9.925 relays JQAK. Yosakichi Morise, Yoshio Kodaka, Wang Tao, Miss Liu Yen-ping, Yasuo Hirashima, Kanichi Honjio, Ho Tung-hsi, Announcers. Isao Sugiyama, Director. Masanori Nagasato, Manager. The Manchuria Telegraph & Telephone Co., Ltd., (M.T.T.C.) Owners. Studios: Shotokugai 3, Dairen.

9.925 JDY	7-8	SMTWTFS
	7:00 a. m. EST	Music & News in Japanese.
	7:25 a. m. EST	Music & News in Chinese.
	7:45 a. m. EST	News in English.

# WHY DIVERSITY RECEPTION?



## WHAT THE SKYRIDER DIVERSITY DOES FOR AMATEUR RECEPTION!

All amateurs are more or less familiar with the principles of Diversity Reception. The idea of using two or more receivers with individual antennae for the reception of short wave signals is not new. Receiving stations built by the commercial radio companies to operate on this principle have been phenomenally successful in the reduction of fading and improvement in the quality of reception.

However, Diversity Reception as practiced commercially, where each receiver is individually tuned, the second detector outputs being tied together across a common load, and the signals combined after rectification, is not practical for amateur communications work, where ease and rapidity of tuning to a number of signals is essential.

The SKYRIDER DIVERSITY is the result of several years of intensive experimental work, directed toward one object—the development of a means to provide the highly desirable advantages of Diversity Reception for the amateur in practical and easily operable form. It is the first receiving system to offer these advantages with a single tuning control—entirely practical for amateur operation,—and consists of two complete r.f., i.f. and second detector circuits with a common r.f. heterodyne oscillator, common AVC and one audio amplifier.

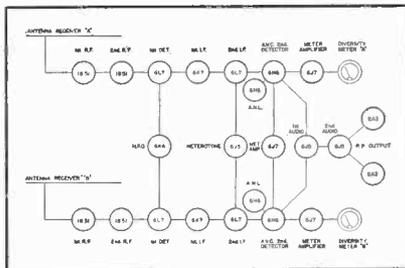
The principle advantages of Diversity Reception as offered by the SKYRIDER DIVERSITY are as follows:

1. Reduction of fading to negligible proportions.
2. An increase of Signal Strength over any single receiver.
3. Improvement of Signal-to-Noise ratio over any single receiver.
4. Reduction of Heterodyne Beat Note Interference.

The Diversity action of the SKYRIDER DIVERSITY is clearly demonstrated by the two diversity meters, which indicate the fading effect in the two separate circuits. Under normal conditions in long-distance, high-frequency reception, they will rise and fall from zero to plus 9, rather rapidly, but will seldom rise or fall in unison. In fact, they give the illusion of being oppositely geared together—as one falls the other rises and vice versa. Meanwhile the signal level meter on the main panel, reading the combined signal strength from both antennae, shows that the resultant output of both receivers remains practically stationary and indicates the improvement effected by the Dual Diversity System.

While it has been generally understood that proper diversity action could be obtained only with widely separated antennae, experience has proved the contrary. Fair Diversity action can be obtained with paralleled antennae separated as little as 10 feet, although it is desirable, where circumstances require antennae in such close proximity, to have them at right angles to one another or in different planes, as one horizontal and the other vertical.

It is with a real sense of achievement that the Hallicrafters offer Diversity Reception to the amateur with the SKYRIDER DIVERSITY. For a more complete discussion write for reprint of QST articles by J. L. A. McLaughlin and Karl W. Miles on Diversity Reception.



TUBE LAYOUT OF SKYRIDER DIVERSITY!

# the hallicrafters, inc.

2611 INDIANA AVE., CHICAGO, U.S.A.  
Cable Address, "HALLICRAFT" Chicago

"World's Largest  
Builders of Amateur  
Communications Equipment"

## QUIXOTE RADIO CLUB

## KENYA COLONY

VQ7LO Nairobi, Kenya, 500 w 6.083 & 750 w 810 kc. Nairobi Time is 2 $\frac{3}{4}$  hours ahead of GMT. (i) Six pip time signal at 1615 and 1815 GMT. R. M. Woodford, Announcer. C. A. Bell, Programme Manager. G. Madgwick, M. Inst. R. E., Nairobi Branch Manager. Cable & Wireless, Ltd., of London, Owners. P. O. Box 777, Nairobi, Kenya. "Genuine reports welcomed and acknowledged."

6.083 VQ7LO 8 $\frac{1}{2}$ 9 $\frac{1}{2}$ 5 $\frac{1}{2}$ 611 $\frac{1}{2}$ -----2 $\frac{1}{2}$ 

T T

SMTWTF5

## MADAGASCAR

FIQA "Radio-Tananarive," Tananarive 400 w 6.000 relays FIQ. (o) "Le Chant du depart." (s) "La Marseillaise," French National Anthem. Government Station operated by Administration des Postes, des Telegraphes et des Telephones.

## MARTINIQUE

"Radio Martinique" (Poste Seri) Fort-de-France 1.5 kw 9.700 (s) "La Marseillaise," French National Anthem. (i) Chimes. Time 56 minutes ahead of EST. Pierre Argod & Robert Roque, Announcers. Antoine Seri, Director. Roland Finucci Seri, Manager. V. Seri, Owner. Studios: Route de la Dillon 3d Kilometer. Boite Postale 136.

9.700 Seri

12 $\frac{1}{2}$ 1 $\frac{3}{4}$ 

3---5

7---9

S

SMTWTF5

## MEXICO

XEBF Jalapa, Ver. 100 w 6.090. Pedro Coronel Aburto, Owner. Studios: Insurgentes No. 34.

XEBR "El Heraldo de Sonora desde Hermosillo," Hermosillo 150 w 11.820 relays XEBH 930 kc (s) "Sobre las Olas" (Over the Waves) waltz. (i) 4 chimes in descending scale. Jorge J. Le Brun and Guillermo Nunez, Announcers. Luis Hoefler, Director. Jose Remigio Agraz, Manager. Carlos G. Balderrama, Owner. Studios & Offices: Hidalgo 23. Apartado 68.

11.820 XEBR

12-----4

9-----11

S

1-----4

9-----12

MTWTF5

XEBT Mexico City 1 kw 6.000 (o) "Las Mananitas." (s) "Liebes-traum" or "Dream of Love" by Liszt, piano solo (i) Cuckoo call twice. Henry Guerrero, Announcer. El Buen Tono, S. A., (Cigarette Company) Owner. Apartado 7944.

6.000 XEBT

8-----1

SMTWTF5

XECR Mexico City 20 kw 7.380. Government Station under direction of the Foreign Office. Oficina del Departamento de Publicidad, Sria. de Relaciones Exteriores, Mexico, D. F.

7.380 XECR

7-8

S

\*XEDQ "Hablando al Mundo desde Guadalajara" (Speaking to the World from Guadalajara), Guadalajara, Jalisco, 250 w 9.520 relays XED 2.5 kw 1,160 kc. (s) "Jarabe Tapatio." (i) 4 chimes in ascending scale. Jose Suarez G., Alfonso Chavira, Jose Moreno, Announcers. Ing. Guillermo Johnston, Technician. Ricardo Bell, Jr., Director. Alfredo Levy (for 50 years a stamp collector), Manager. Cia. Radio Fonografica de Guadalajara, S. A., Owners. Studios: Avenida 16 de Septiembre, 307. P. O. Box 197.

9.520 XEDQ

12-----12

SMTWTF5

★XECU "Estacion del Viajero del Mundo" (The World Traveler), Guadalajara, Jalisco, 250 w 6.075 (o) "Humoresque," organ solo. (i) Two-tone train whistle. (s) 'Adios Mariquita Linda." S. Barba, H. Isaac, and M. Bricio, Announcers. The World Traveler, Director. Manuel Mayo B., Manager. Union Nacional de Industria y Comercio, Owner. Studios: Edificio CXCU, Calle Hidalgo 579.

6.075 XECU 9-----11 SMTWTFSS

★XEFT "La Voz de Veracruz," Veracruz 20 w 9.550 relays XETF 1,220 and occasionally XEB-XEBT (s) "Vals Poetico" by Felipe Villanueva. Jose Rodriguez Lopez, Manager. Studios: Av. Independencia No. 28.

9.550 XEFT 10½-----4½ 7½-----12½ SMTWTFSS

XEME "La Voz de Yucatan desde Merida," Merida, Yuc. 6.980. Studios: 59 No. 517.

XETA "El Pregonero del Norte," Monterrey, N. L., 1 kw 11.760 relays XET 690 kc. Apartado 203.

11.760 XETA 1---3 SMTWTFSS

XETW "La Voz de Tampico," Tampico, Tamps. 100 w 6.045 relays XEFW 1,310 kc. Studios: Av. Fco. I. Madero, 204, Oriente.

★XEUW "El Eco de Sotavento desde Veracruz," (The Echo from Leeward of Veracruz) Veracruz 25 w 6.020 relays XEU 1,010 kc (o) "Marcha Zacatecas." (i) Xylophone. (s) "Las Golondrinas." Mario Ronzon & Victor M. Martinez, Announcers. Fernando Pazos Sosa, Owner & Operator. Studios: Av. Gomez Farias 33.

6.020 XEUW 8-----12 SMTWTFSS

XEUZ "Cadena Radio Nacional," Mexico City 1 kw 6.120 relays XEFO 5 kw 940 kc/s (s) "Marcha Dragona." (i) Chimes. Alfonso Garcia Munguia, English Announcer. Enrique Dorsch, Chief Engineer. Lic. Roberto Lara y Lopez, Manager & Director. National Revolutionary Party, Owner. Studios: Av. 5 de Mayo No. 21. Apartado 2641.

6.120 XEUZ 10-----3 SMTWTFSS

XEWB "Radio-Emisora Cultural," Guadalajara, Jalisco 11.710. Raul Salaman, Sub-Dir. Artistico. Primitivo Padilla Haro, Manager. Camara de Proprietarios de Guadalajara, Owners. Studios: Hospicio 50. Offices: Juarez 289.

XEWI "My Voice to the World from Mexico," Mexico City 250 w 11.900 (s) "Ah! Sweet Mystery of Life!" by Victor Herbert. (i) 2 strokes of gong every half hour. Francisco Alvarado, Director & Announcer. Luciano Gonzalez Burns, Manager. World Institute of Impersonal Life, Owner. Studios: 3a de Mina, 56. Apartado 2874.

11.900 XEWI 12½--2 3-4 9-----12 S M W F S  
T T

XEWV "La Voz de la America Latina desde Mexico," Mexico City 7.5-9 kw 9.500 & 15.160 relays XEW (s) "Military March" by guitars. (i) 4 chimes in descending scale. Emilio Azcarraga, Director. Othon M. Velez, Manager. Cadena Radiodifusora Mexicana, S. A., Owners. Calle Ayuntamiento 54. Apartado 2516.

EXEA Mexico City 300 w 6.130 relays XEDP 1,080 (s) "Mexican Pentaphonic Motif." (i) 4 Telechime Notes. Alfonso Garcia, Juan Roca and Juan Jenkins, Announcers. Guillermo Morales B., Manager. Government Station under direction of the Oficina de Propaganda, Departamento Autonomo de Publicidad y Propaganda, Av. Argentina y Luis Gonzalez Obregon. For veries: Oficina de Propaganda (DAPP), Bucareli 12, Desp. 103, Mexico, D. F.

6.174 XEXA 8 $\frac{1}{2}$ -----11 2 $\frac{1}{2}$ --4 $\frac{1}{2}$  7-----12 MTWTFSS

XEYU "Radio Universidad Nacional," Mexico City 1.5 kw 9,600. Relays XEXX 1,170 kc. Departamento de Publicidad de la Universidad Nacional de Mexico, Justo Sierra No. 16.

### MOZAMBIQUE

CR7AA Lourenco Marques 600 watts 6.137 kc & CR7BH 300 w 11.718 (o) "Maria de Fonte" March. (s) "A Portuguesa" National Anthem. Announcements in Portuguese and English by a lady and two gentlemen. Carlos Ahrens Teixeira, Chief Announcer. Caetano Campo, Commercial Agent. Augusto Goncalves, Technician. Dr. Antonio de Sousa Neves, Director & Manager. Radio Club de Mocambique, Owner. Studios: Avenida da Republica. Caixa Postal 594.

5---7 10-----2  
4 $\frac{1}{2}$ --6 $\frac{1}{2}$  9 $\frac{1}{2}$ -----11 12 $\frac{1}{2}$ -----4 12-1 S MTWTFSS

### NETHERLAND EAST INDIES

PLP Bandoeng 1.5 kw 11.000; PMH Bandoeng 1.5 kw 6.720; YDB Soerabaia 1 kw 9.610 & 15.300; PMN Bandoeng 1.5 kw 10.260; YDC Bandoeng 1.5 kw 15.150—approximately in the order of their signal strength in North America. (s) "Sing as We Go" (morning session, Java time, not audible in U. S.). (s) "End of a Perfect Day" (evening session—morning in U. S.). The Netherlands Indies Broadcasting Co., Ltd., (NI-ROM), Batavia-Centrum. Koningsplein West 5, Java.

3.040	YDA Batavia	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$	6-7 $\frac{1}{2}$	SMTWTFSS
6.720	PMH Bandoeng	4 $\frac{1}{2}$ -----11 $\frac{1}{2}$	9 $\frac{1}{2}$ -----1 $\frac{1}{2}$	SMTWTFSS
7.400	YDA Batavia		7 $\frac{1}{2}$ -----10 $\frac{1}{2}$ -----2	SMTWTF S
9.550	YDB Soerabaia	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$	6-7 $\frac{1}{2}$	SMTWTFSS
10.260	PMN Bandoeng	4 $\frac{1}{2}$ -----11 $\frac{1}{2}$	7 $\frac{1}{2}$ -----2	SMTWTFSS
11.000	PLP Bandoeng	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$	6-7 $\frac{1}{2}$ 10 $\frac{1}{2}$ -----2	SMTWTF S
15.150	YDC Bandoeng	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$	6-7 $\frac{1}{2}$ 10 $\frac{1}{2}$ -----2	SMTWTF S
15.300	YDB Soerabaia	4 $\frac{1}{2}$ -----11 $\frac{1}{2}$	7 $\frac{1}{2}$ -----2	SMTWTFSS
			7 $\frac{1}{2}$ -----10 $\frac{1}{2}$ -----2	SMTWTFSS

PMY Bandoeng, Java 1 kw 5.138 (o) Military March. (i) Song on Chimes. (s) "Sag beim Abschied leise, Servus." C. Reids Leegsma, Chief Announcer. J. G. Prins, President. Bandoengsche Radio Vereeniging, Owner. Studios: Nillmy Gebouw. Postal Address: Dagoweg 101.

5.138 4-----10 $\frac{1}{2}$  5 $\frac{1}{2}$ -----2 $\frac{1}{2}$  SMTWTFSS

**NETHERLANDS**

PCJ Hilversum 9.590, 15.220, PHI 17.770 (s) "William of Nassau," National Anthem. Chief Announcer: Edward Startz. Second Announcer: L. G. Wybrands. Owned by N. V. Philips' Omroep Holland-Indie of Eindhoven, Emmasingel 29. Address: Pophi Studios, Hilversum, Jan v. d. Heydenstraat 41.

	11.730 PHI	21.480 PHI	
9.590 PCJ	2.3	7 $\frac{1}{4}$ --9 $\frac{1}{2}$	S
		8 $\frac{1}{4}$ 9 $\frac{3}{4}$	M
	1 $\frac{1}{4}$ --3 $\frac{3}{4}$	7.8 $\frac{1}{2}$	T
		8 $\frac{3}{4}$ --10 $\frac{1}{2}$	T
		7 $\frac{3}{8}$ $\frac{1}{2}$	W
15.220 PCJ-2		2.3 $\frac{1}{2}$	T
	9 $\frac{1}{2}$ ---11		W
17.770 PHI-2	7 $\frac{1}{2}$ --9 $\frac{1}{2}$		MT TFS
	6 $\frac{1}{2}$ ---9 $\frac{1}{2}$		S

**NETHERLAND WEST INDIES**

PJC-1 "CIUROM" Korte Golf Zender, Willemstad, Curacao 150 w 5.930, PJC-2 9.095 (s) "William of Nassau" Netherlands National Anthem. Local time 24 minutes ahead of EST. Government Station leased to Curaeosche Vereeniging (Curacao Radio Club) and operated by subscriptions paid by members. P. Maduro, Announcer. D. Molinhamp, Director of Radio and Telephone Services, Lands Radio-en Telefondienst.

**NICARAGUA**

★YN-GU "Alma Nica," Managua, D. N., 50 w 9.300 (o) "The Sesquicentennial Exposition March." Newspaper of the Air (s) "The Rosary." Director's Chat 5:30 p. m. EST (o) "Amar sin Esperanza." (i) One Stroke of a Gong. (s) Nicaraguan National Anthem. Br. Jorge Monteleagre Callejas, Announcer. R. Ernesto Gutierrez U., Technical Engineer. Srita. Matilde Haydee Diaz, Owner & Operator. Studios: Photographic Studio of A. Diaz F. & Daughters on Calle 15 de Septiembre. Apartado 295.

9.300 YNGU 12---2 5.6 MTWTFS

★YN-LF "La Voz de Nicaragua," Managua, D. N., 1 kw 9,660 & 7,660. (i) Ticktack of a clock. F. J. Pinell, Announcer. Ing. M. Le Franc D., Technician. Moises C. Le Franc D., Owner. Studios: Calle 15 de Setbre.

7.660 YNLF 9.660 YNLF 7.8 SMTWTFS

★YN-LG "Ruben Dario," Managua, D. N., 1 kw 6.610 (o) "General Marcelo Caraveo," March opening with Bugle Call thrice. Morning and Afternoon Sessions: (s) "Till We Meet Again," Waltz. Evening Session: (s) "Good Night, Ladies," Medley Waltz. Benjamin Guerra (Chief), Cesar Guerra and Francisco Chirip, Announcers. Benjamin J. Guerra L., Technical Director & Manager. Benjamin J. Guerra & Constantino Lacayo Ltda., Owners. Studios: 5a Calle Noroeste No. 207.

6.610 YNLG 6.7 11---4 4-----8 SMTWTFS

YNOP Estacion "Bayer," Managua, D. N., 1 kw 5.758 (o) 8:30 p. m. EST March by Orchestra. (i) Xylophone. (s) "Good Night Melody." Rodolfo Arana C., Announcer & Collaborator. Ernesto Andreas, Technician. Miguel G. Hernandez, Director. Edmundo Tefel, Manager. Edmundo Tefel & Ernesto Andreas, Owners. J. R. E. Tefel & Co., Sponsors. Studios: Frente a la Ermita del Perpetuo Socorro.

5.758 YNOP 8 $\frac{1}{2}$ ---10 $\frac{1}{2}$  MTWTFS

## QUIXOTE RADIO CLUB

YNAM "La Voz del Pacifico," Managua, D. N., 7.200.

YN1GG "La Voz de los Lagos," Managua, D. N., 6.533. Raul Gutierrez U. & Co., Ltd., Owners.

YN-PR "La Voz del Radio Pilot," Managua, D. N., 500 w 8.580. Relays YNPR 630. A. Majewsky, Mgr. Rodolfo Sengelmann, Owner.

8.580 YNPR 1 3/2 8-10 SMTWTFS

★YN3DG Station "Gilfillan," Leon, Nica., 200 w input 7.128 (s) "El Relicario," March. Dennis E. Gallo, Owner & Operator.

7.128 YN3DG 2.2 8 3/9 MTWTFS

## NORWAY

LKC "Norwegian State Short Wave Broadcasting Station," Jeloy 10 35 46 E. 59 26 12 N., 1 kw 9.530 & LKJ 1 kw 6.130 relays Norwegian National Program from Oslo. (i) 6 notes, "Hallo, Oslo." (s) National Anthem, "Ja, vi elsker" (Yes, We Love This Country) and motif from Grieg's "Sigurd Jorsalfar." Men announcers. Olav Midttun, Program Director. Government Station. Studios: Norsk Rikskringkasting, Stortingsgaten 28, Oslo. Address for Listeners' Reports: Administration des Telegraphes, Oslo.

9.530 LKC 5-----8 SMTWTFS

6.130 LKJ 11 3/4-----5 SMTWTFS

## PANAMA

★HP-5A "Radio-Teatro Estrella de Panama," (Star & Herald Radio Theatre) Panama City 300 w 11.700 (s) "Anvil Chorus." Brandon Eisenman, Announcer. A. Villegas Arango, Managing Director. Radio-Teatro, Inc., Owners. Studios: Av. Sur No. 8. Apartado 954.

11.700 HP5A 9-----1 6-----10 S  
11 3/4-----1 6-----10 SMTWTFS

★HP5B "Estacion Miramar," Panama City 200 w 6.030 relays HP5C w 730 kc (o) March "Panama." (s) "Good Night Melody." Urbano Vengoechea and Sta. Maria Vidal, Announcers. Guillermo Endara P., Manager & Director. Radio Panama, S. A., Owner. Studios: Club Miramar, Bella Vista. Apartado 910.

6.030 HP5B 9 3/4-----1 5-----10 SMTWTFS

★HP5F "La Voz de Colon," Colon 250 w 6.050 (o) "Washington Post March." (i) Bugle call, twice. (s) "Los Bomberos de Colon" (The Firemen of Colon). C. E. Villalaz & Roy Greene, Announcers. Roy Greene, Commercial Agent. C. E. Villalaz, Director & Manager. Manuel Diaz Doce, Owner. Studios: Cristobal Nuevo 10,091 esq. a Novena. Apartado 427.

6.050 HP5F 8-9 11-----1 4- 6 9-----10 3/4 SMTWTFS

★HP-5G "Ron Dalley," Panama City 750-1500 w 11.780 (s) "Traviata Prelude." (i) None. Inez E. Nelson, and A. Hoffman, Announcers. B. Hoffman, Technician. Alfredo Graziani, Director. Salvador Graziani, Manager. Studios: Calle 30 este (Exposition Grounds). Apartado 1121.

11.780 HP5G 6-----10 SMTWTFS

HP-5H "La Voz del Pueblo," PaPanama City 6.122. Apartado 1045.

8-----2 S  
6.122 HP5H 10-----1 5-----11 MTWTFS

HP5I "La Voz del Interior," Aguadulce 50 w 11.895 (s) "El Tambor de la Alegria" (The Drum of Joy). (i) Gong—3 strokes thrice on hour and half-hour. Francisco Cebamanca, Announcer. T. Fogarty, Secretary, English Section. G. J. Ecker, Treasurer. Alejandro de Boutaud, Manager & Director. Studios: Plaza Principal. P. O. Box 24.

HP-5J "La Voz de Panama," Panama City 2.6 kw 9.605 (s) "Disciplina, Honor y Abnegacion" March. (i) Trumpets. Federico Jimeno Collante and Srta. Albertina Arosemena, Announcers. Americo Morales, Technician. Andres de Olschansky, Commercial Agent. Lic. Ramon Morales, Director. Manuel Diaz Doce, General Manager. Servicio Publico de Radio, S. A., Owners. Studios: Av. Central No. 169. Apartado 867.  
9.605 HP5J 10-----1½ 5-----10 SMTWTFSS

★HP5K "La Voz de la Victor," Colon, R. P., 250 w 6.005 relays HP-5O 250 w 1,440 kc (s) "La Viuda Alegre" (Merry Widow Waltz). (i) Chimes. Manolo Castillo, Jr., Alberto Basmagi, Announcers. Jose Jaen Jaen, Manager & Technician. Argimiro Guardia Jaen, Commercial Agent. Jose Jaen Jaen y Cia. Ltda., Owners. Studios: Av. del Frente y Calle 6a No. 1,002. Apartado 33.  
6.005 HP5K 7---9 11½---1 6-----11 SMTWTFSS

HP5L "Las Ondas del Baru," David, Chiriqui Prov. 350 w 11.740. Leo Marchosky, Mgr. Apartado 129.

PARAGUAY

ZP-8 "Radio Nacional," Asuncion 1 kw 9.280 relays ZP-4 "Radio Nacional." Hector Noriega, Sixto Rodriguez, Announcers. Cesar M. Saccarello, Technician. M. Martinez Lema, Director. Miguel Isern, Manager. Ysern & Saccarello, Owners. Studios: Coronel Martinez 274.  
9.280 ZP8 7½--9 2½3½ 7.8½ Testing

★ZP-14 "Radio Cultura de Villarrica—La Voz del Sudamerica," Villarrica, Paraguay, 2 kw 6.024 (s) "Campamento Cerro Leon." (i) Whistle every half hour. Juan Arena and Federico Flachsland, Announcers. Ing. Herbert Novotny, Technician. Eugenio Friedmann, Director and Manager. Friedmann Hnos. (Friedmann Bros.) Owners. (Power to be increased to 5 kw in October or November, and probably higher frequency to be used.)  
10½-----6 S S  
6.024 ZP-14 12½---3½ 6½---9½ MTWTF

PERU

OAX1A "Radio Delcar," Chiclayo 300 w 6.335 (o) "Anchors Aweigh." (s) "Good Night Melody" by Ted Lewis & Orchestra. J. Carlos Montjoy D., Owner. Casilla No. 9. 8-----12 S  
6.335 OAX1A 8-----11 SMTWTFSS

★OAX4J "La Voz de Lima," Lima 77 2 39 W 12 3 5 S 500 w 9.330 relays OAX4I 1 kw 1,100 kc (o) "Broadway Rhythm." (i) 3 chimes. (s) "Whistler and His Dog." Multilingual recording at sign-off. Antonio P. Vazquez P. (OAX4H) Managing Director. Jorge Aprile, Manager. Radio Internacional, S. A. Owner. Studios: Edificio Minería, sexto piso. Casilla 1166. 9.330 OAX4J 12-----12 SMTWTFSS

★OAX4G "Radio Grellaud" (pronounced Gre-lo') Lima (Plant 5 miles from Lima on Av. Colonial) 400 w 6.230 relays OAX4B 1,200 kc (o) "Marcha de los Granaderos del Rey Federico" by Ferdinand Radeck. (s) Goodnight Waltz by Wood-Bibo & Conrad. Roberto Cruzalegui, Art Director & Announcer. Manuel Cabanillas, Technician. Benjamin Fernandini, Commercial Agent. Francisco M. Crespo V., Director & Manager. Jose Bolivar, Business Manager. Empresa Peruana Parlante Bolivar & Carcovich, Owners. Studios: 304 Hidalgo Building, Portal de Belen 138. P. O. Box 2234. 6.230 OAX4G 5-----11 SMTWTFS

OAX4P "Radio Huancayo, La Voz del Centro del Peru," Huancayo 200 w 5.990 (o) "Drunt' in der Lobau" (Heinrich Strecker) by Lajos Kiss and his Zingaros. (i) 3 xylophone notes. (s) "Amanecer andino," danza incaica by the Peruvian composer Daniel Alomia Robles. Alfredo Elejalde G., Announcer. Ing. Alberto Madueno and Manuel Falconi, Technicians. Alfredo Elejalde G., Manager & Director. Ing. Alberto Madueno, Owner. Studios: Loreto 201. Apartado 187. 5.990 OAX4P 12-1½ 9-----11½ SMTWTFS

OAX4Z "Estacion Radio Nacional del Peru," Lima (San Miguel) 10 kw 6.082 & OAX4T 10 kw 9.562 OAX4A 10 kw 854 kc (s) McDowell's "To a Wild Rose." Studios: Av. Petit Thouars 447. 6.082 OAX4Z 7-----11½ SMTWTFS

OAX5C "Radio Universal," Ica 9.480 relays OAX5B (s) "Estrellita" by Manuel A. Ponce, organ. J. A. Umberto F., Owner & Operator. Studios: Avenida San Luis s/n.

OAX6A "Radio Arequipa," Arequipa 100 w 6.122 (o) "La Marcha de los Marineros." (s) "Himno Nacional del Peru." Eduardo Caceres B., and Jorge Caceres B., Announcers. Alberto Malaga, Manager. Edo. L. Caceres, Owner & Director. Studios: Munoz Najar 141. Casilla 293. 6.122 OAX6A 7-----11 SMTWTFS

Radio "Rancho Grande," Trujillo, 12.000. Larko Brothers, Owners.

### PHILIPPINES

KZRM "Radio Manila," Manila 1 kw 9.570 or 11,840 relays KZRM 35 kw 618.5 kc/s (s) "Goodnight Melody" with "Taps" on chimes. (i) 3 Chimes. Announcements in English, Spanish and Tagalog. Thos. R. Worthen, Manager. Erlanger & Galinger, Inc., Owners & Operators.

5-----9 4½--6 SMTWTFS  
4-----10 S

### POLAND

★SPD "Polskie Radio," Warsaw (Babice) 2 kw 11.535, ★SPW 10 kw 13,635 Opening and Interval Theme: Melody from the Opera "The Haunted Castle," by Stanislas Moniuszko. (s) Polish National Anthem. A lady and two gentlemen announcing. Government Station under the direction of the Ministry of Posts & Telegraphs, Technical Exploitation Section. R. Starzynski, Director General of Polskie Radio. P. Gorecki, Director of Programs. W. Topolinski, Director of Short Wave Programs. Studios: Warszawa 1, Mazowiecka 5. Skrzyznka Pocztowa (P. O. Box) 1141.

11.535 SPD 11.740 SP-25  
13.635 SPW 15.121 SP-19 6-----9 SMTWTFS

**PORTUGAL**

"Radio Renascenca" or "Emissora Catolica Portuguesa," Lisbon 2.5 kw 5.977. No call letters used. (s) "Hymn to Our Lady de Fatima." (i) None. Sister Laurinda and others, announcers. Father Lopes da Cruz, Director. "Renascenca," a Catholic publication, Owner. Rua Capelo No. 5.  
3½--5½ SMTWTFS

CSW "Estacao de ondas curtas de Emissora Nacional," Lisbon 10 kw 9.940, 11.040 (s) A "Portuguesa," National Anthem. Aurea Rodrigues, Maria Rezende, Fernando Pessa, Olavo d'Eca Leal, Announcers. Manuel Bivar, Chief Engineer. Captain Henrique Galvao, Director. Government Station under direction of Ministry of Public Works & Communications. Studios: Rua do Quelhas 2.

11.840 CSW-4		1-2½		SMTWTFS
11.040 CSW-2		2½-----6		SMTWTFS
9.940 CSW-3	9.737 CSW		6-----9	SMTWTFS

CS2WA "Radio Colonial," Lisbon 2 kw 9.650 (o) "Feno de Portugal," March by Cruz and Souza. (s) "A Portuguesa," National Anthem. (i) Cuckoo call thrice. Joao de Melo, Announcer. Abilio Nunes dos Santos, Jr., Owner. Av. Antonio Augusto d'Aguair, 136.  
9.650 CS2WA 4-----7 T T S

**SALVADOR**

YS- "Alma Cuscatleca" Radiodifusora Nacional, San Salvador (Cuscatlan) (o) March "Gerardo Barrios," a former President. Victor M. Escobar, Director General de Telegrafos, Telefonos y Radio Nacionales. Government Station.

7.894 YSD		6-----10	SMTWTFS
11.710 YSM	12---2		SMTWTFS

**SIAM**

HS6PJ Sala-daeng, Bangkok, Siam, 20 kw 19.020; HS8PJ 20 kw 9.500 (o) "National Song," march. (i) 3 chimes, ascending scale. (s) "National Anthem." Swasti Guna Tilaka, Announcer. Sangiem Powtong Sook, Technician. Lt.-Col. Phra Aram Ronajit, Director. Post & Telegraph Department, Owner. Address: Experimental Shortwave Broadcasting Station, Sala-daeng, Bangkok, Siam. "Full details of reception should be given in listeners' reports if verification cards are desired."

19.020 HS6PJ	8---10		M
9.500 HS8PJ	8---10		T

**SPAIN**

EAQ "The Voice of Spain," Madrid (Aranjuez) 20 kw 9.860 & EAR 9.480. Address: "Emisiones al Extranjero," Calle Medinaceli, 2.

EAJ-8 "Radio Espana," San Sebastian, Spain 7.204 relays 1,294 kc. Studios: Avenida, 27.

7.204 EAJ-8	3½4	8---10	1½----4½5---7	SMTWTFS
6.750 Radio Nacional AZ, Madrid	Front		7.248 Radio Espana, Bilbao	
			7.351 FET-5 Burgos	
7.000 FET-1 Valladolid			7.500 Radio Nacional de Espana, Burgos (ex Salamanca)	
7.050 Radio Nacional AZ, Madrid	Front		7.717 EA2BH Jaca	
7.125 EA9BJ Alcazarquivir			10.370 Radio Tenerife Tablero 12 kw	
7.152 EA8AE Las Palmas			13.992 EA9AH Tetuan	
7.204 Radio Espana, San Sebastian			14.115 EA2BH Jaca	
7.220 Radio Malaga, Malaga			14.440 Radio Malaga, Malaga	

Radio Malaga Onda Corta, Malaga, 700 w input, 14.440. Official Station operated by Departamento de Radio, Gobierno Civil de Malaga, Estado Nacional-Sindicalista. Address: Malaga via Lisbon.

RR6 "Radio Requete," Vitoria, Spain 500 w 11.991. Relays "Radio Nacional de Espana" occasionally. "Requete" is the name given Spanish volunteers in the service of Franco, uniformed in khaki and red beret. Army station with studios at Postas, 19, Vitoria.

11.991 RR6 4.5 8---10 1.2 4-----7 SMTWTFS

### SPANISH MOROCCO

EA9AH "La Estacion Experimental Nacionalista de la Rueda del Oeste," Tetuan 500 w 14.004. Pro-Franco war news in Spanish and English. Fernando Diaz Gomez, Owner & Operator. Apartado 124.

"Radio Guardia Civil," Tetuan 200 w near 6.590 (o) "Himno Jalifano." (i) Gong. Concluding words: "Saludo a Franco! Arriba Espana!" (s) "Marcha Granadera" (National Anthem). Brigada, Lorenzo Gomez Benitez, Announcer & Director. The Spanish Nationalist State, Owner. Studios: Plaza de Espana (Tetuan). Address: Radio Guardia Civil.

### STRAITS SETTLEMENTS MALAYA

ZHJ Penang 49 w 6.080 Daily 6:40-8:40 a. m. EST. Time 7 hours 20 minutes ahead of GMT. Penang Wireless Society, Owner. T. A. Crossley, Asst. Hon. Secretary. 40, Perak Road, Penang, S. S. Malaya.

6.080 ZHJ 6 $\frac{1}{2}$ --8 $\frac{1}{2}$  SMTWTFS

ZHO "This is Singapore calling," Singapore 400 w 6.010, ZHP 400 w. 9.690, relay ZHL 2 kw 1,333 kc (o) Clock chiming and striking. (i) Clock ticking. (s) British National Anthem. J. F. Barraclough, Announcer. J. Anderson, Technician. Gattey & Bateman, Commercial Agents. J. S. Dumeresque, Manager & Director. The British Malaya Broadcasting Corporation, Limited, Owners. Studios: Thomson Road, Singapore, Straits Settlements, British Malaya.

9.690 ZHP 9 $\frac{3}{4}$ 10 $\frac{3}{4}$  PST T F  
 9 $\frac{3}{4}$ 10 $\frac{3}{4}$  PST F S  
 10 $\frac{3}{4}$ -----1 $\frac{1}{2}$  EST S S  
 5 $\frac{1}{2}$ --7 $\frac{3}{4}$   
 5 $\frac{3}{4}$ -----9 $\frac{3}{4}$  S  
 5 $\frac{3}{4}$ -----9 $\frac{3}{4}$  S  
 MTWTF

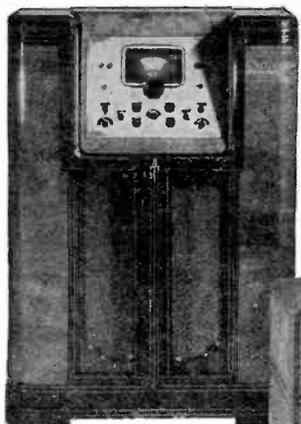
### SWEDEN

SBO "Motala Rundradiostation" (Motala Broadcasting Station) Motala 15 02 40 E 58 32 50 N, 12 kw 6.065 & SBP 12 kw 11.705. (i) None. (s) "Du Gamla du Fria," Swedish National Anthem. Government Station under the direction of The Royal Board of Swedish Telegraphs, Stockholm. Address reports to Motala.

11.705 SBP 6-----9 11-----4 $\frac{1}{2}$  1 $\frac{1}{2}$  MTWTF S  
 6-----4 $\frac{1}{2}$  1 $\frac{1}{2}$   
 3-----4 $\frac{1}{2}$  S W S  
 6.065 SBO 4 $\frac{1}{2}$  8.9 SMTWTFS

SM5SX "Experimental Short Wave Station," Stockholm 300 w 15.155 (s) Swedish National Anthem "Du Gamla du Fria." (i) None. Royal Technical University (Kungl. Tekniska Hogskolan).

9-----5 S  
 15.155 SM5SX 11-----5 SMTWTFS



DELUXE CONSOLE



TABLE MODEL

*(Available in Black, Silver or Grey Finish)*

**A  
PROFESSIONAL  
RECEIVER  
for  
THE TRUE DX'er**

**PR-15**

**THE RECEIVER THAT HAS EVERYTHING!**

- ★ 2 Stages of RF all Bands.
- ★ Iron Core IF's.
- ★ Automatic Noise Silencer.
- ★ Series-Parallel band - pass type Crystal to give you the *Last Word* in Selectivity.
- ★ Hi-Fidelity Control for Real Tone.
- ★ Dual Tone Control.
- ★ Unsurpassed DX Reception.
- ★ Professional Metal Case Table Model available to those who may not desire the Console.
- ★ If you can't hear them on a PR-15, they *can't* be heard!

*Send for Descriptive Folder*

**PIERSON-DeLANE, Inc.**

2345-47 W. WASHINGTON BLVD.

LOS ANGELES

CALIFORNIA

## SWITZERLAND

"Radio-Suisse—Radio-Nations," Geneva HBH 18.480, HBF 18.450, HBJ 14.535, HBO 11.402, HBL 9.595, 9.345, HBP 7.797, HBQ 6.675. C. H. Calame, Chief of the Wireless Service. Address reports on League of Nations Bulletin broadcasts to Information Section, League of Nations, Geneva. For other broadcasts address: Radio-Suisse, Quai de la Poste, 12, Geneva. If verification desired, send IRC.

## LEAGUE OF NATIONS

## SCHEDULE OF BROADCASTS IN ENGLISH

18.480 HBH	10 $\frac{3}{4}$ 11 $\frac{1}{2}$	S
14.535 HBJ	1 $\frac{3}{4}$ 2 $\frac{1}{2}$	S
6.675 HBQ	1 $\frac{3}{4}$ 2 $\frac{1}{2}$	S
11.402 HBO	7-7 $\frac{3}{4}$	S
11.402 HBO		2-2 $\frac{1}{4}$ M
14.535 HBJ		2 $\frac{1}{4}$ 2 $\frac{3}{4}$ M

## SWISS PROGRAM

14.535 HBJ	11.402 HBO	6 $\frac{3}{4}$ -8 $\frac{1}{4}$	M
------------	------------	----------------------------------	---

## UNION OF SOUTH AFRICA

Johannesburg (Klipheuvcl) 5 kw 6.097, 9.606 (s) "Die Stem van Suid Afrika" and "God Save the King." Chimes 7 a. m. at midnight EST. Bugle Call opens and closes midnight EST session. African Broadcasting Co., Ltd., Box 4559.

6.007 ZRH Roberts Heights near Pretoria, 5 kw	9-----12 $\frac{1}{2}$ -----3 $\frac{1}{4}$ 10-----3 $\frac{1}{2}$	11 $\frac{3}{4}$ 12 $\frac{3}{4}$	S MTWTFS SMTWTF
6.007 ZRJ Maraisburg near Johannesburg, 500 w.	3 $\frac{1}{2}$ 4		MTWTFS
6.097 ZRJ Maraisburg near Johannesburg, 500 w.	3 $\frac{1}{2}$ 5 $\frac{1}{2}$ 7 9-----11 $\frac{1}{2}$ 3 $\frac{3}{4}$ -----7 $\frac{1}{2}$ 9-----11 $\frac{1}{2}$ 3 $\frac{3}{4}$ -----7 $\frac{1}{2}$ 8 $\frac{1}{2}$ -----11 $\frac{1}{2}$	11 $\frac{3}{4}$ 12 $\frac{3}{4}$	S MTWTF SMTWTF <sup>S</sup>
6.097 ZRK Klipheuvcl near Capetown, 5 kw	12-----3 $\frac{3}{4}$ 12-----4		S MTWTFS
6.147 ZRD Durban, 300 w.	5 $\frac{1}{2}$ 7 8-----11 $\frac{1}{2}$ 12-----3 $\frac{3}{4}$ 3 $\frac{1}{2}$ -----7 $\frac{1}{2}$ 9-----3 $\frac{3}{4}$ 3 $\frac{1}{2}$ -----7 $\frac{1}{2}$ 9-----4	11 $\frac{3}{4}$ 12 $\frac{3}{4}$	S MTWTF SMTWTF <sup>S</sup>
9.523 ZRH Roberts Heights near Pretoria, 5 kw	5-7 5-----7 $\frac{1}{2}$		S MTWTFS
9.606 ZRK Klipheuvcl near Capetown, 5 kw	3 $\frac{1}{2}$ 5 $\frac{1}{2}$ 7 9-----11 $\frac{3}{4}$ 3 $\frac{1}{2}$ -----7 $\frac{1}{2}$ 9-----11 $\frac{3}{4}$	11 $\frac{3}{4}$ 12 $\frac{3}{4}$	SMTWTF S MTWTFS

TAHITI

FO8AA Radio Club Oceanien, Papeete 200 w 7.100 (s) Opening "La Marseillaise," closing "Aloha Oe" or "Farewell to Thee."  
7.100 FO8AA 11.12 T F

UNION OF SOVIET SOCIALIST REPUBLICS

Moscow (s) "Internationale." Inna Marr, Chief Editor, Radio Center, Solianka 12, Moscow, U.S.S.R. 7.520 RKI-2 15.182 RV-96  
6.000 RV-59 4-- SM F  
12.000 RNE 6½- 10½-- SMTWTFS  
6-- 10-- S W  
9.600 RAN 15.080 RKI 7--9½ SMTWTFS  
15.083 RKI 7½-9 SMTWTFS  
RV-15 Khabarovsk 4.245. Rowena Meyer, Editor, Radio Committee, Khabarovsk, U.S.S.R.

UNITED STATES OF AMERICA

W1XAL "Dedicated to Enlightenment," Boston, Mass. 20 kw 6.040, 11.790, 15.250, 21.460 (o) First six notes of Star Spangled Banner. (s) "Star Spangled Banner." Ruth Stanford, Station Secretary. World Wide Broadcasting Foundation, Owner. Walter S. Lemmon, President. University Club, 40 Trinity Place. 11.730 W1XAL 15.130 W1XAL

W1XK Millis, Mass. 10 kw 9.570 relays WBZ Boston (s) "Stars and Stripes Forever." Dwight A. Myer, Plant Manager. Westinghouse Electric & Mfg. Co., Owners. Hotel Bradford, Boston, Mass.  
9.570 W1XK 8-----1 S  
6-----1 MTWTFS

W2XAD "The Voice of Electricity," Schenectady, N. Y., 18 kw 15.330 & W2XAF 25 kw 9.530 (o) "Stars and Stripes Forever" followed by three crashes of 10 million volt artificial lightning. (i) Chimes G-E-C. (s) "Star Spangled Banner." E. S. Darlington, In Charge, Short-Wave Broadcasting. General Electric Co., Owner. 1 River Road.  
9.530 W2XAF 4-----12 SMTWTFS  
21.500 W2XAD 8-----12 SMTWTFS  
15.330 W2XAD 12½-----6 SMTWTFS  
9.550 W2XAD 6½-----10 SMTWTFS

W2XE New York, N. Y. (Wayne, N. J.) 10 kw 6.120, 11.830, 15.270, 17.760, 21.520 (s) "Star Spangled Banner." Miss E. A. Tucker, Director of Programs. A. B. Chamberlain, Chief Engineer. Columbia Broadcasting System, Inc., Owners & Operators. Studios: 485 Madison Av.  
21.515 W2XE 7-----12 S S  
6½-----9 S MTWTF S  
15.270 W2XE 12-----5 1½-----5 S MTWTF S  
11.830 W2XE 12-----5 5½-----10 MTWTF S  
6.120 W2XE 10½11½ SMTWTFS SMTWTFS

W3XAU Philadelphia (Newtown Square) Pa. 10 kw relays WCAU. J. G. Leitch, Technical Supervisor. Dr. Leon Levy, Director. WCAU Broadcasting Co., Owner. Studios: 1622 Chestnut St. 21.520 W3XAU  
9.590 W3XAU 12-----12 M T S  
9-----12 W  
11.12 S T F  
6.060 W3XAU 12-----11 S T F  
12-----9 W

## QUIXOTE RADIO CLUB

W3XAL Bound Brook, N. J. 12-15 kw 17.780, 25-30 kw 6.100 relays WJZ (s) "Star Spangled Banner." (i) 3 chimes. Address: Audience Mail, National Broadcasting Co., Inc., RCA Building, 30 Rockefeller Plaza, New York, N. Y.

17.780 W3XAL 8-----8 SMTWTFS  
6.100 W3XAL 8-----12 SMTWTFS

W4XB Miami, Fla., 5 kw 6.040 relays WIOD 610 kc. Ruth Richardson, Audience Mail. Milton C. Scott, Jr., Chief Engr. Martin S. Wales, Manager. Isle of Dreams Broadcasting Corp., Owner. Studios: News Tower, 600 Biscayne Blvd.

6.040 W4XB 1---3 9-----12 MTWTFS  
4---6 9-----12 S

W8XAL Cincinnati (Mason) Ohio 10 kw relays WLW "The Nation's Station" 700 kc (s) "Star Spangled Banner." R. J. Rockwell, Technical Supervisor. The Crosley Radio Corporation, Owner. Studios: 1329 Arlington St. 9.590 W8XAL 11.870 W8XAL 15.270 W8XAL

6.060 W8XAL 11-----2 S T F  
9-----2 W  
5 $\frac{3}{4}$ -----12 SMTWTFS  
5 $\frac{3}{4}$ -----2 M T S

W8XK Pittsburgh (Saxonburg) Pa. 40 kw 6.140, 11.870, 15.210, 21.540 & W8XKA 50 w 31.600 (s) "Stars and Stripes Forever." J. E. Baudino, Plant Manager. Westinghouse Electric & Mfg. Co., Owner. Grant Building, 310 Grant Street.

21.540 W8XK 7---9 MTWTFS  
15.210 W8XK 9-----7 SMTWTFS  
11.870 W8XK 7-----11 SMTWTFS  
6.140 W8XK 11-----1 SMTWTFS

W9XAA "The Short Wave Voice of Labor," Chicago (Downers Grove) 500 w 6.080, 11.830 17.780, relays WCFL Voice of Farmer-Labor. Maynard Marquardt, Technical Supervisor. E. N. Nockels, Sec. & Gen. Mgr. Studios & Offices: 20th Floor, American Furniture Mart, 666 Lake Shore Drive.

W9XF Chicago (Downers Grove) Ill. 10 kw 6.100 Associated with WENR, whose slogan is "The Voice of Service." (s) "Star Spangled Banner," National Anthem. (i) Regular NBC 3 Chimes. Identification in Russian, Spanish, Japanese, French, Swedish, Italian, German and English. H. C. Luttgens, Division Engineer. Owned, Managed & Operated by National Broadcasting Co., Inc. For veries: Audience Mail, N. B. C., Merchandise Mart, Chicago, Ill.

1-----6 S  
4-----7 MTWTF  
4-5 $\frac{3}{4}$  S  
6.100 W9XF 1..2 SMTWTFS

## VATICAN CITY STATE

HVJ "Radio Vaticano," Vatican City 25 kw 80 pc modulation. Characteristics: Ticking of clock for five minutes preceding transmissions—Chimes of St. Peter on the hour—Initial and final words: "Laudetur Jesus Christus." Address: Stazione Radio, Stato della Citta del Vaticano.

6.030 HVJ 9.550 HVJ 11.740 HVJ 15.120 HVJ 17.840 HVJ

URUGUAY

CXA-2 "Radio Continental," Montevideo 5 kw 6.000 relays LS-2 "Radio Prieto" of Buenos Aires (o) "Hermosa Primavera" (Beautiful Spring). (s) "Isla de los ceibos." Ricardo Vallarino & Oscar A. Rivas, Announcers. Rodolfo Caissiol, Director. Ernesto Racine, Manager. Cia. de Radiopublicidad Continental, Owner. Plant: Camino a Carrasco 5151. Studios: Calle Juan C. Gomez 1431.

6.000 CXA-2 10 $\frac{3}{4}$ -----10 $\frac{3}{4}$  SMTWTFS

CXA-4 Montevideo 6.125. Hector M. Laborde, Manager. Government Station under the direction of Servicio Oficial de Difusion Radio Electrica. Studios: Calle Mercedes 823.

6.125 CXA-4 10 $\frac{1}{4}$ -----12 $\frac{1}{4}$  3 $\frac{3}{4}$ -----9 $\frac{3}{4}$  SMTWTFS

CXA-8 "Radio Real de San Carlos," Colonia, Rep. del Uruguay, 5 kw 9.640 relays LR-3 "Radio Belgrano," Buenos Aires, Rep. Argentina. (s) Multilingual recording. Guillermo Guntsche, Technician. Juan E. Cossio, General Manager. Jaime Yankelevich, Owner & Director. Studios: Belgrano 1841, Buenos Aires, Rep. Argentina. 9.640 CXA-8

6 $\frac{1}{2}$ -----12 SMTWTFS

CXA-9 Montevideo 5 kw 9.440 & CXA-19 5 kw 11.695 relay CX-14 "El Espectador" or CX-18 "Radio Sport." (s) March music. L. Balerio Sico, Manager. El Espectador Ltda., Owner. Studios: Olimar, 1364 esquina 18 de Julio.

9.440 CXA-9 10-----12 5 $\frac{1}{2}$ -----9 SMTWTFS

11.695 CXA-19 10-----12 5 $\frac{1}{2}$ -----9 SMTWTFS

VENEZUELA

\*YVIRB "Ecos del Zulia," Maracaibo (Las Delicias) State of Zulia 300 w 5.850 relays YVIRA 150 w 1,300 kc (s) "Strike Up the Band." (i) Gong and Xylophone. Alirio Jimenez, Antonio Espinoza, Salvador Llamas, Announcers. Manolo Arraez, Technician. L. Garcia Nebot, Director & Co-Owner. Juan Suarez Castro, Manager & Co-Owner. Studios: Ecos del Zulia Building, Vargas esq. a Zamora. Apartado 37.

5.850 YVIRB 8 $\frac{3}{4}$ -----2 3 $\frac{3}{4}$ -----9 $\frac{3}{4}$  S  
5 $\frac{3}{4}$ -----9 $\frac{3}{4}$  10 $\frac{1}{4}$ -----1 $\frac{3}{4}$  3 $\frac{1}{2}$ -----10 $\frac{3}{4}$  MTWTFS

YVIRD "Radiodifusora Maracaibo," Maracaibo (ex YV7RMO) 6.070, relays YVIRE, 1.153. Luis Mantellini, Jr., Owner. Apartado 100.

\*YVIRG "Radio Valera," Valera (Santa Barbara) State of Trujillo 700 w 6.225 (o) "Ejercito Nacional." (i) "Emisora Preferida." (s) "Viva La Polka." Jose M. Isaacs Ch., Francisco Guedez and Manuel I. Molina, Announcers. Temple P. Lee, Technician. Jose M. Isaacs Ch., Manager & Director. Jorge Luis Febres Jelambi, Owner. Studios: Calle Bolivar No. 54.

6.225 YVIRG 11 $\frac{1}{2}$ ---1 6-----10 SMTWTFS

\*YVIRH "Ondas del Lago," Maracaibo (La Arriaga) 350 w 6.360 relays YVIRF 350 w 1,120 (s) "Er weicht der Sonne nicht!" (i) Measure from "Jealousy." "Emisora Philco, etc.," is the advertisement of a commercial house. Luis G. Rosales, Luis G. Govea, N. Vale Quintero and G. Nouel, Announcers. G. Nouel, Technical Director. Nicolas Vale Quintero, Owner. Apartado 261.

6 $\frac{3}{4}$ 7 $\frac{3}{4}$  11-----1 $\frac{1}{2}$  4-----11 MTWTFS  
6.360 YVIRH 8 $\frac{1}{2}$ -----2 $\frac{3}{4}$  S

YV1RI "Radio Coro," Coro, State of Falcon 250 w 6.210 (s) "Los Tres Colores" (The Tricolor) March. (i) 4 Marimba Notes. Gonzalo Marquez Yanez, Announcer. Eugenio Grand, Manager. Roger Leyba, Owner & Director. Studios: Urbina Building, Commerce Street.

6.210 YV1RI 6-----9½ SMTWTFS

★YV1RL "Radio Popular," Maracaibo (Plant at Sabaneta Larga 3 miles from Maracaibo) 300 w 5.930 relays YV1RK 500 w 1250 kc. Maracaibo Time 13' 16" ahead of EST. (s) "National Emblem March." (i) 4 Marimba Notes. Spanish announcements each quarter hour; English at sign-off. Luis Gonzalez, Elias J. Mucarzel, Jorge Asprino, Rafael Rivera P., Antonio Espinoza and Roberto Higuera M., Announcers. Armando Rivero F., Technician. Elias J. Mucarzel, Advertising Director. R. Rivera Parra, Director. Jose A. Higuera M., Owner. Offices: Bolivar 26 altos. Studios: Registro 31 altos. Apartado 347.

5.930 YV1RL 7-----11 S  
 6-----9 11-----2 4-----11 MTWTF  
 6-----9 11-----11 S  
 7-----2 Holidays

★YV2RA "La Voz del Tachira," (La Emisora de Fidelidad Real) San Cristobal, State of Tachira, 1 kw 5.745 relays YV2RB 1 kw 980 kc (s) "El Capitan," Sousa March. (i) Marimba. San Cristobal Time 11 minutes ahead of EST. Juan A. Chacon & Jose Antonio Perez, Announcers. Juan A. Chacon, Director. Jesus M. Diaz Gonzalez, Owner, Manager & Technician. Studios: Octava de Barbula, 39-41. Apartado 37.

5.745 YV2RA 11½12½ 5¾-----9½ SMTWTFS

YV3RB "La Voz de Lara," Barquisimeto (Santa Rosa) State of Lara 5.880, YV3RC 9.565, relays YV3RA 1,270 kc (s) "Marcha del Rey Don Carlos" (King Charles March). Sigala & Ramos, Owners.

5.880 YV3RB 10-----11 S  
 7-8 10-----11 MTWTF

★YV3RD "Radio Barquisimeto," Barquisimeto (La Granja 600 w 6.465 (s) "15 de Septiembre" March. (i) "Heroes de Granaditas" March. Raul Montesinos Camejo, Announcer. Raul Sucre & Rafael Angel Segura, Technicians. Rafael Angel Segura, Director & Manager. Amilcar & Rafael Angel Segura, Owners. Studios: Av. Bella Vista, 419.

6.465 YV3RD 12--2 6-----10 SMTWTFS

YV4RB "La Voz de Carabobo," Valencia, State of Carabobo, 500 w 6.520 relays YV4RA. (s) "Gridiron Club March." (i) 4 marimba notes. Pedro Henriquez & Miguel Eduardo Vasquez, Announcer. Ramon Nunez hijo, Technician. Guillermo Degwitz, Manager & Director. Hermann & Guillermo Degwitz, Owners. Studios: Calle Constitucion No. 298.

6.520 YV4RB 11-----2 5-----10 SMTWTFS

YV4RD "La Voz de Aragua," Maracay, State of Aragua, 6.300, YV4RG 1,150 (s) "El Aragueno," a typical Venezuelan joropo composed by Manuel Briceno. Station identification on quarter hour with background music. O. Paz Castillo, Director. Oscar Croquer, Manager.

6.300 YV4RD 4-----8 S  
 6½-----9½ MTWTF

★YV5RC "Radio Caracas," Caracas 1 kw 5.970 relays YV5RA 5 kw 960 kc (s) March "Radio Caracas" by Carlos Bonnet. (i) 4 Chimes. Domingo Hurtado, Antonio Castes, Oscar Rickel, Eugenio Gonzalez, Felix Martinez, Edmundo Brice, Leon Bravo, Francisco Fossa Andersen, Carlos Fernandez, Announcers. Jose Marcano, Technician. Alcides Toro, Sub-Director. Ricardo Espina, Director. C. A. Almacen Americano, Owner. Studios: Pajaritos a La Palma. Apartado 2009.

5.970 YV5RC 7½--9½ 11-----2 4-----10½ SMTWTFS

YV5RD "Radiodifusora Venezuela," Caracas 2.5 kw 6.158 relays YV5RB 5 kw 1,200 (s) "Unidos para Siempre," March. Hermann Degwitz Director. Gerardo Siblesz, Manager. Degwitz & Siblesz, Owners. Plant: Las Barrancas, 3 miles from Caracas. Studios: Interior del Pasaje Ramella.

6.158 YV5RD 10½-----1½ 3½-----10½ SMTWTFS

YV5RF "Estudios America," Caracas 1 kw 6.375 relays YV5RE 1,100 kc (s) March "Coronel Gonzalez." (i) 3 chimes. Carlos Michelena, Announcer. Manuel Cisneros, Technician. Jose Jimenez, Agent. Carlos Saume Carreno, Director. Manuel Barnola, Manager. Studios: Este 8 callejon Municipal No. 8. Apartado 983.

6.375 YV5RF 12--2 5-----10 SMTWTFS

YV5RH Emisora "Ondas Populares," Caracas (ex YV9RC) 6.400, relays YV5RG 1,010. Studios & Tx: Los Jardines-El Valle (Valley Gardens) in downtown Caracas. Gonzalo Veloz Mancera, Owner & Operator. Apartado 1931.

6.400 YV5RH 8½-----1½ 5½-----10½ SMTWTFS

★YV5RJ "La Voz de LA ESFERA," Caracas (Colonia Tovar) 1 kw 6.250 relays YV5RI 500 w 1,370 kc (s) "La Voz de LA ESFERA," march. (i) Gong. Rafael Marquis & Francisco Carreno Delgado, Announcers. Edmundo Suegart, Director. Manuel de Goya, Manager. Suegart & Co., (Publishers of the Daily Newspaper LA ESFERA) Owners. Studios: Padre Sierra a Munoz No. 3. Apartado 1908.

6.250 YV5RJ 10½--12½ 4½-----10½ SMTWTFS

YV5RP "La Voz de la Philco," Caracas 5 kw 6.270 relays YV5RQ 882 kc (s) "Schubert & Clarinada Military March." E. Vera F., E. Navas, J. G. Hurtado, G. Prohano, E. Salvador, Announcers. Augusto Brandt & Nicolas Delmare, Art Directors. Azael de La Lastra & Rafael Ramirez, Directors. Victor M. Soto, Owner. Studios: San Francisco a Pajaritos 31, altos. Apartado 508.

6.270 YV5RP 6½-----10½ SMTWTFS

YV5RR Caracas 5.835 relays YV5RS. Apartado 185.

★YV6RB "Ecos del Orinoco," Bolivar City, State of Bolivar, 200 w 6.545 relays YV6RA 200 w 1,400 kc/s (s) One Step "Sin Nombre." (i) Bell. Antonio Jose Rivas, Ivan Esquerre, Maria Elena Benigni, Arnoldo Gomez, Raquel Torres, Announcers. Jose Rafael Guacaipuro Guariguata, Technician. Jose Miguel Otero, Manager. Enrique Torres Valencia, Owner & Director. Offices: Calle Bolivar No. 32. Studios & Plant: Paseo 5 de Julio No. 7. Apartado 34.

6.545 YV6RB 10½--12 7--9½ SMTWTFS

## STATION SELECTOR

Dial	Location	Call	Dial	Location	Call
3.040	Batavia, Java	Y D A	5.875	Tegucigalpa, Hond.	★H R N
3.490	L. Marques, P.E.A.	CR7AA	5.880	Barquisimeto, Ven.	YV3RB
3.750	Addis Abeba, Ethiopia		5.885	Quito, Ecuador	H C K
4.107	Quito, Ecuador	HC-JB	5.900	Mafeking, S. Africa	Z N B
4.245	Khabarovsk, U.S.S.R.	RV-15	5.905	San Jose, Costa Rica	TI-LS
4.600	Guayaquil, Ecuador	HC2ET	5.915	Port-au-Prince, Haiti	HH-2S
4.740	Ibague, Colombia	HJ6ABC	5.930	Willemstad, Curacao	PJC-1
4.760	Armenia, Colombia	★HJ6ABH	5.930	Maracaibo, Ven.	★YV1RL
4.780	Barranquilla, Col.	HJ1ABB	5.940	Guatemala City	TC-2X
4.787	Cucuta, Colombia	HJ2ABC	5.970	Caracas, Venezuela	★YV5RC
4.800	Cartagena, Colombia	HJ1ABE	5.977	Lisbon, Portugal	CS2WD
4.820	Bucaramanga, Col.	HJ7ABB	5.990	Huancayo, Peru	OAX4P
4.841	Bogota, Colombia	★HJ3ABD	5.990	Bogota, Colombia	★HJ3ABX
4.865	Santa Marta, Col.	HJ2ABJ	6.000	Montevideo, Uruguay	CXA-2
4.875	Armenia, Colombia	★HJ6ABH	6.000	Quibdo, Colombia	HJ1ABC
4.880	Calcutta, India	VUC-2	6.000	Tananarive, Madagascar	FI-QA
4.885	Medellin, Colombia	★HJ4ABP	6.000	Moscow, U.S.S.R.	RV-59
4.900	Bogota, Colombia	HJ3ABH	6.000	Mexico City	XE-BT
4.905	Bombay, India	VUB-2	6.005	Montreal, Quebec	CF-CX
4.950	Madras, India	VUM-2	6.005	Colon, Panama	★HP-5K
4.995	Delhi, India	VUD-2	6.005	Drummondville, Que.	VE9DN
5.138	Bandoeng, Java	P M Y	6.007	Rangoon, Burma	X Y O
5.145	Praha, Czech.	OK1MPT	6.007	Roberts Heights, S. Af.	Z R H
5.500	San Ramon, C. R.	TI-5HH	6.007	Maraisburg, S. Africa	Z R J
5.713	Guatemala City	T G S	6.010	Praha, Czech.	OLR2A
5.725	Quito, Ecuador	★HC1PM	6.010	Singapore, Malaya	Z H O
5.745	San Cristobal, Ven.	★YV2RA	6.010	Sydney, Nova Scotia	CJ-CX
5.758	Managua, Nicaragua	YN-OP	6.010	M/V KANIMBLA	VK9MI
5.800	Salisbury, Rhodesia	Z E C	6.010	Recife, Brazil	★PRA-8
5.830	San Jose, Costa Rica	TI-GPH	6.010	Habana, Cuba	CO-CO
5.830	San Jose, Costa Rica	TIXGP3	6.015	Santiago, D. R.	★HI-3U
5.835	Caracas, Venezuela	YV5RR	6.020	Zeesen, Germany	D J C
5.850	Maracaibo, Ven.	★YV1RB	6.020	Veraacruz, Mexico	★XE-UW
5.865	San Pedro, D. R.	HI-1J	6.024	Villarrica, Paraguay	★ZP-14

★YV6RC "Radio Bolivar," (Emisor guayanesa) Ciudad Bolivar (Orinoco River) 500 w 6.420 relays YV6RD 1,450 kc (s) "Marcha Venezuela." (i) Gong and Chimes of Clock. J. M. Guerra, P. Silva J., Carlos Key, O. Tortosa, Julio Vidal, Announcers. P. E. Beherens, Technician. Jose Francisco Miranda G., Manager. Miranda & Beherens, Owners. Studios: Amor Patrio 37.

6.420 YV6RC 10-----1 6-----10 MTWTF5

## YUGOSLAVIA

YUA "Yugoslav Short Wave Radio Station," Belgrade 1 kw 6.100 (s) National melody played on flute. English announcements by lady. Government Station under direction of Central Press Bureau. Dr. Kosta Lukovitch, Director. Stoyan Bralovitch, Manager. Address: No. 16 Milosha Velikog.

6.100 YUA 7.8 $\frac{1}{2}$  1-----6 $\frac{1}{2}$  12 $\frac{1}{2}$ --2 $\frac{1}{2}$  SMTWTF5  
Relayed by DJL Zeesen 15.110 from 7 till 8 p. m. EST the 14th and 30th

Dial	Location	Call	Dial	Location	Call
6.030	Praha, Czech	OLR2B	6.147	Durban, S. Africa	Z R D
6.030	Panama City	★HP-5B	6.150	Winnipeg, Manitoba	CJ-RO
6.030	Vatican City	H V J	6.150	Moca, D. R.	★HI-5N
6.040	Miami, Fla.	W4-XB	6.158	Caracas, Venezuela	YV5RD
6.040	Boston, Mass.	WIXAL	6.160	Colombo, Ceylon	
6.040	Paris, France	TPB-16	6.174	Mexico City	XE-XA
6.042	Barranquilla, Col.	★HJIABG	6.180	Buenos Aires, Arg.	L R A
6.045	Tampico, Mexico	XE-TW	6.182	Santiago, D. R.	HI-1A
6.050	Daventry, England	G S A	6.190	Guatemala City	T G 2
6.050	Colon, Panama	HP-5F	6.206	Trujillo City, D. R.	★HI-8Q
6.054	Pereira, Colombia	HJ6ABA	6.210	Coro, Venezuela	YVIRI
6.060	Philadelphia, Pa.	W3XAU	6.225	Valera, Venezuela	★YVIRG
6.060	Cincinnati, Ohio	W8XAL	6.230	Lima, Peru	★OAX4G
6.065	Motala, Sweden	S B O	6.235	La Ceiba, Honduras	H R D
6.070	Toronto, Ontario	CF-RX	6.243	Trujillo City, D. R.	★H I N
6.070	Bogota, Colombia	HJ3ABF	6.250	Caracas, Venezuela	★YV5RJ
6.072	Vienna, Austria	OER-2	6.270	Caracas, Venezuela	YV5RP
6.072	Zeesen, Germany	D J Y	6.280	Trujillo City, D. R.	★H I C
6.075	Guadalajara, Mexico	★XE-CU	6.280	Sancti-Spiritus, Cuba	CO-HB
6.079	Zeesen, Germany	D J M	6.300	Maracay, Venezuela	YV4RD
6.080	Penang, Malaya	Z H J	6.316	Trujillo City, D. R.	★H I Z
6.080	Chicago, Ill.	W9XAA	6.330	Habana, Cuba	CO-CW
6.082	Lima, Peru	OAX4Z	6.335	Chiclayo, Peru	OAXIA
6.082	Nairobi, Kenya	VQ7LO	6.340	Trujillo City, D. R.	HI-IX
6.085	Cali, Colombia	★HJ5ABD	6.351	San Pedro Sula, Hond.	HRP-1
6.090	Jalapa, Mexico	XE-BF	6.355	Rome, Italy	I C C
6.090	Paris, France	TPB-15	6.360	Maracaibo, Ven.	★YVIRH
6.090	Hong Kong	ZBW-2	6.370	Puntarenas, C. R.	TI-WS
6.095	Tokio, Japan	J Z H	6.375	Caracas, Venezuela	YV5RF
6.097	Maraisburg, S. Africa	Z R J	6.380	St. Kitts, B.W.I.	VP2LO
6.097	Klipheuvcl, S. Africa	Z R K	6.383	La Vega Real, D. R.	HI-8J
6.100	Belgrade, Yugoslavia	Y U A	6.400	Caracas, Venezuela	YV5RH
6.100	Chicago, Ill.	W9-XF	6.400	Quezaltenango, Guat.	TG-QA
6.100	Bound Brook, N. J.	W3XAL	6.410	San Jose, Costa Rica	TI-PG
6.110	Manizales, Colombia	HJ4ABB	6.420	Santiago, D. R.	HI-IS
6.110	Daventry, England	G S L	6.420	Bolivar City, Ven.	★YV6RC
6.115	Praha, Czech.	ORL2C	6.450	S. F. de Macoris, D.R.	★HI-4V
6.120	New York City	W2-XE	6.465	Barquisimeto, Ven.	★YV3RD
6.120	Mexico City	XE-UZ	6.480	Santiago, D. R.	★HI-IL
6.122	Arequipa, Peru	OAX6A	6.490	Guatemala City	TGWB
6.122	Panama City	HP-5H	6.500	Trujillo City, D. R.	H I L
6.125	Montevideo, Uruguay	CXA-4	6.520	Valencia, Venezuela	YV4RB
6.130	Halifax, N. S.	VE9HX	6.533	Managua, Nicaragua	YNIGG
6.130	Georgetown, B. G.	VP3BG	6.545	Bolivar City, Ven.	★YV6RB
6.130	Kuala Lumpur, Malaya	Z G E	6.550	Ambato, Ecuador	HC-VT
6.130	Jeloy, Norway	L K J	6.550	San Jose, Costa Rica	★TIRCC
6.130	Habana, Cuba	CO-CD	6.555	Trujillo City, D. R.	HI-4D
6.137	L. Marques, P.E.A.	CR7AA	6.565	Puerto Plata, D. R.	HI-5P
6.140	Pittsburgh, Pa.	W8-XK	6.600	Trujillo City, D. R.	HI-6H
6.140	Bulawayo, Rhodesia	Z E B	6.610	Managua, Nicaragua	★YN-LG
6.145	Medellin, Colombia	HJ4ABE	6.618	Riobamba, Ecuador	Prado
6.145	Paris, France	TPB-14	6.630	Trujillo City, D. R.	★H I T

Dial	Location	Call	Dial	Location	Call
6.655	La Vega Real, D. R.	HI-5G	9.200	Habana, Cuba	CO-BX
6.668	Guayaquil, Ecuador	★HC2RL	9.280	Asuncion, Paraguay	Z P 8
6.675	Santiago, D. R.	★HI-9B	9.300	Trujillo City, D. R.	★H I G
6.675	Geneva, Switzerland	H B Q	9.300	Managua, Nicaragua	★YN-CU
6.700	San Jose, Costa Rica	★TI-EP	9.300	Guayaquil, Ecuador	★HC2CW
6.720	Bandoeng, Java	P M H	9.330	Lima, Peru	★OAX4J
6.730	La Romana, D. R.	★HI-3C	9.345	Geneva, Switzerland	H B L
6.750	Tokio, Japan	J V T	9.355	Quito, Ecuador	HC1ETC
6.750	Madrid Front	A Z	9.400	Guayaquil, Ecuador	HC-ODA
6.775	S. P. de Macoris, D.R.	H I H	9.437	Habana, Cuba	CO-CH
6.790	Paramaribo, Surinam	P Z H	9.440	Montevideo, Uruguay	CXA-9
6.800	Trujillo City, D. R.	★HI-7P	9.465	Ankara, Turkey	T A O
6.850	Puerto Limon, C. R.	TI-OW	9.480	Ica, Peru	OAX5C
6.900	San Jose, Costa Rica	TI-RS	9.480	Madrid, Spain	E A R
6.900	Trujillo City, D. R.	HI-2D	9.500	Lahti, Finland	O F D
7.000	Valladolid, Spain	FET-1	9.500	Mexico City	XE-WW
7.000	San Jose, Costa Rica	TI-VL	9.500	Bangkok, Siam	HS8PJ
7.050	Madrid Front	A Z	9.501	Rio de Janeiro	★PRF-5
7.100	Papeete, Tahiti	FO8AA	9.504	Praha, Czech.	OLR3B
7.125	Alcazarquivir	EA9BJ	9.510	Melbourne, Australia	VK3ME
7.128	Leon, Nicaragua	★YN3DG	9.510	Daventry, England	G S B
7.152	Las Palmas, C. Is.	EA8AE	9.520	Skamlebaek, Denmark	O Z F
7.177	Lobito, P. W. A.	CR6AA	9.520	San Salvador	Y S H
7.200	Managua, Nicaragua	YN-AM	9.520	Armenia, Colombia	★HJ6ABH
7.204	San Sebastian, Spain	EAJ-8	9.520	Guadalajara, Mexico	★XE-DQ
7.220	Malaga, Spain		9.520	Paris, France	TPB-13
7.248	Bilbao, Spain		9.523	Roberts Heights, S. Af.	Z R H
7.290	Zeesen, Germany	D J I	9.525	Hong Kong	ZBW-3
7.351	Burgos, Spain	FET-5	9.530	Jeloy, Norway	L K C
7.380	Mexico City	XE-CR	9.530	Calcutta, India	VUC-2
7.400	Batavia, Java	Y D A	9.530	Schenectady, N. Y.	W2XAF
7.450	San Jose, Costa Rica	TI-2LC	9.535	Tokio, Japan	J Z I
7.500	Burgos (ex Salamanca)		9.536	Suva, Fiji	VPD-2
7.500	S.C. de Tenerife, C.Is.	★EA8AB	9.540	Zeesen, Germany	D J N
7.510	Tokio, Japan	J V P	9.550	Schenectady, N. Y.	W2XAD
7.520	Moscow, U.S.S.R.	RK1-2	9.550	Veracruz, Mexico	★XE-FT
7.660	Managua, Nicaragua	★YN-LF	9.550	Bombay, India	VUB-2
7.717	Jaca, Spain	EA2BH	9.550	Paris, France	TPB-11
7.797	Geneva, Switzerland	H B P	9.550	Vatican City	H V J
7.854	Guayaquil, Ecuador	HC2JSB	9.550	Soerabaia, Java	Y D B
7.894	San Salvador	Y S D	9.550	Praha, Czech.	OLR3A
8.465	Sofia, Bulgaria	L Z A	9.553	Addis Abeba, Ethiopia	
8.580	Managua, Nicaragua	YN-PR	9.560	Zeesen, Germany	D J A
8.650	Medellin, Colombia	★HJ4ABU	9.562	Lima, Peru	OAX4T
8.663	Camaguey, Cuba	CO-JK	9.565	Barquisimeto, Ven.	YV3RC
8.831	Quito, Ecuador	HC-JB	9.570	Millis, Mass.	W1-XK
8.935	Santiago de Cuba	CO-KG	9.570	Manila, P. I.	KZ-RM
9.030	Habana, Cuba	CO-BZ	9.580	Daventry, England	G S C
9.095	Willemstad, Curacao	PJC-2	9.580	Melbourne, Australia	V L R
9.100	Habana, Cuba	CO-CA	9.585	Paris, France	TPB-10
9.125	Budapest, Hungary	HAT-4	9.590	Cincinnati, Ohio	W8XAL
9.163	Quito, Ecuador	★HC1-GQ	9.590	Philadelphia, Pa.	W3XAU

Dial	Location	Call	Dial	Location	Call
9.590	Hilversum, Holland	P C J	11.690	Hankow, China	X T J
9.590	Sydney, Australia	VK2ME	11.695	Montevideo, Uruguay	CXA-19
9.590	Perth, Australia	VK6ME	11.700	Santiago de Chile	★CB-1170
9.590	Delhi, India	VUD-2	11.700	Panama City	★HP-5A
9.590	Delhi, India	VUD-3	11.705	Motala, Sweden	S B P
9.595	Geneva, Switzerland	H B L	11.710	San Salvador	Y S M
9.600	Moscow, U.S.S.R.	R A N	11.710	Saigon, Fr. Indo-China	
9.600	Mexico City	XE-YU	11.710	M/V KANIMBLA	VK9MI
9.605	Panama City	HP-5J	11.718	L. Marques, P.E.A.	CR7BH
9.606	Klipheuvcl, S. Af.	Z R K	11.718	Paris, France	TPA-4
9.616	Cartagena, Colombia	HJ1ABP	11.720	Paris, France	TPB-9
9.630	Bucaramanga, Col.	★HJ7ABD	11.720	Winnipeg, Man.	CJ-RX
9.635	Rome, Italy	I2RO-3	11.730	Buenos Aires, Arg.	L R A
9.636	Taihoku, Taiwan	JF-AK	11.730	Boston, Mass.	WIXAL
9.640	Colonia, Uruguay	CXA-8	11.730	Huizen, Holland	P H I
9.645	Port-au-Prince, Haiti	HH-3W	11.740	Vatican City	H V J
9.650	Zeesen, Germany	D J W	11.740	David, Panama	HP-5L
9.650	Lisbon, Portugal	CS2WA	11.740	Habana, Cuba	CO-CX
9.660	Buenos Aires, Arg.	★L R X	11.740	Warsaw, Poland	★SP-25
9.660	Managua, Nicaragua	★YN-LF	11.740	Santiago de Chile	Service
9.666	Lobito, P. W. A.	CR6AA	11.745	Zeesen, Germany	D J F
9.670	Rome, Italy		11.750	Daventry, England	G S D
9.675	Zeesen, Germany	D J X	11.760	Guatemala City	TG-WA
9.685	Guatemala City	TG-WA	11.760	Praha, Czech.	OLR4B
9.690	Singapore, Malaya	Z H P	11.760	Monterrey, Mexico	XE-TA
9.690	Buenos Aires, Arg.	LRA-1	11.770	Zeesen, Germany	D J D
9.690	Heredia, Costa Rica	TI-4NRH	11.780	Panama City	★HP-5G
9.700	Fort-de-France, F.W.I.	Seri	11.780	Lahti, Finland	O F E
9.737	Lisbon, Portugal	C S W	11.790	Boston, Mass.	WIXAL
9.740	Habana, Cuba	CO-CQ	11.800	Zeesen, Germany	D J O
9.830	Rome, Italy	I R F	11.800	Habana, Cuba	CO-GF
9.833	Habana, Cuba	CO-CM	11.800	Tokio, Japan	J Z J
9.860	Madrid, Spain	E A Q	11.801	Vienna, Austria	OER-3
9.890	Sucre, Bolivia	C P I	11.801	Zeesen, Germany	D J Z
9.925	Dairen, Manchuria	J D Y	11.805	Skamlebaek, Denmark	O Z G
9.940	Lisbon, Portugal	CSW-3	11.810	Rome, Italy	I2RO-4
9.960	Habana, Cuba	CO-BC	11.820	Daventry, England	G S N
10.050	San Jose, Costa Rica	★TIEMC	11.820	Hermosillo, Mexico	XE-BR
10.220	Rio de Janeiro	★P S H	11.830	New York City	W2-XE
10.260	Bandoeng, Java	P M N	11.830	Chicago, Ill.	W9XAA
10.290	Zeesen, Germany	D Z C	11.840	Manila, P. I.	KZ-RM
10.330	Brussels, Belgium	O R K	11.840	Lisbon, Portugal	CSW-4
10.350	Buenos Aires, Arg.	L S X	11.845	Paris, France	TPB-8
10.370	S. C. de Tenerife	★EAJ-43	11.850	Santiago de Chile	★CB-1185
10.600	Belize, Br. Hond.	ZIK-2	11.855	Zeesen, Germany	D J P
10.660	Tokio, Japan	J V N	11.860	Daventry, England	G S E
10.740	Tokio, Japan	J V M	11.865	Berne, Switzerland	
11.000	Bandoeng, Java	P L P	11.870	Pittsburgh, Pa.	W8-XK
11.040	Lisbon, Portugal	CSW-2	11.870	Cincinnati, Ohio	W8XAL
11.402	Geneva, Switzerland	H B O	11.875	Praha, Czech.	OLR4C
11.535	Warsaw, Poland	★S P D	11.885	Paris, France	TPA-3
11.676	Rome, Italy	I Q Y	11.885	Paris, France	TPB-7

Dial	Location	Call	Dial	Location	Call
11.895	Panama City	★HP-5G	15.290	Buenos Aires, Arg.	★L R U
11.900	Praha, Czech.	OLR4D	15.295	Paris, France	TPB-4
11.900	Mexico City	XE-WI	15.300	Soerabaia, Java	Y D B
11.900	Valdivia, Chile	CD-1190	15.300	Rome, Italy	I2R0-5
11.920	San Jose, Costa Rica	★TI-2XD	15.310	Daventry, England	G S P
11.960	Trujillo City, D. R.	HI-2X	15.320	Praha, Czech.	OLR5B
11.980	Santiago de Chile	CB-1180	15.330	Schenectady, N. Y.	W2XAD
11.991	Vitoria, Spain	R R 6	15.340	Zeesen, Germany	D J R
12.000	Trujillo, Peru	R. Grande	15.370	Budapest, Hungary	HAS-3
12.000	Moscow, U.S.S.R.	R N E	15.370	Berne, Switzerland	
12.235	Reykjavik, Iceland	T F J	17.640	Paramaribo, Surinam	P Z F
12.460	Quito, Ecuador	HC-JB	17.750	Skamlebaek, Denmark	O Z I
13.635	Warsaw, Poland	★S P W	17.755	Hong Kong	ZBW-5
13.992	Tetuan, Sp. Morocco	EA9AH	17.760	Zeesen, Germany	D J E
14.115	Jaca, Spain	EA2BH	17.760	New York City	W2-XE
14.440	Malaga, Spain		17.770	Huizen, Holland	PHI-2
14.535	Geneva, Switzerland	H B J	17.780	Paris, France	TPB-2
14.600	Tokio, Japan	J V H	17.780	Bound Brook, N. J.	W3XAL
14.935	Rio de Janeiro	★P S E	17.780	Chicago, Ill.	W9XAA
15.083	Moscow, U.S.S.R.	R K I	17.785	Tokio, Japan	J Z L
15.110	Zeesen, Germany	D J L	17.790	Daventry, England	G S G
15.121	Vatican City	H V J	17.800	Guatemala City	TG-WA
15.121	Warsaw, Poland	★SP-19	17.800	Helsinki, Finland	
15.130	Boston, Mass.	W1XAL	17.810	Paris, France	TPB-3
15.130	Paris, France	TPB-6	17.815	Zeesen, Germany	D J G
15.140	Daventry, England	G S F	17.820	Rome, Italy	I2R0-6
15.150	Bandoeng, Java	Y D C	17.840	Vatican City	H V J
15.155	Stockholm, Sweden	SM5SX	17.845	Zeesen, Germany	D J H
15.160	Tokio, Japan	J Z K	18.115	Buenos Aires, Arg.	LSY-3
15.160	Delhi, India	VUD.3	18.450	Geneva, Switzerland	H B F
15.160	Mexico City	XE-WW	18.480	Geneva, Switzerland	H B H
15.160	Praha, Czech.	OLR5C	19.020	Bangkok, Siam	HS6PJ
15.165	Skamlebaek, Denmark	O Z H	21.080	Rio de Janeiro	★P S A
15.170	Guatemala City	TG-WA	21.440	Zeesen, Germany	D J S
15.180	Daventry, England	G S O	21.450	Praha, Czech.	OLR6A
15.182	Moscow, U.S.S.R.	RV-96	21.450	Zeesen, Germany	D J S
15.190	Rome, Italy		21.460	Boston, Mass.	W1XAL
15.190	Helsinki, Finland		21.470	Daventry, England	G S H
15.190	Hong Kong	ZBW-4	21.480	Huizen, Holland	P H I
15.195	Ankara, Turkey	T A O	21.490	Paris, France	TPB-1
15.200	Zeesen, Germany	D J B	21.500	Schenectady, N. Y.	W2XAD
15.210	Pittsburgh, Pa.	W8-XK	21.515	New York City	W2-XE
15.220	Hilversum, Holland	PCJ-2	21.520	Tokio, Japan	J Z M
15.230	Praha, Czech.	OLR5A	21.520	Philadelphia, Pa.	W3XAU
15.240	Paris, France	TPB-5	21.530	Daventry, England	G S J
15.243	Paris, France	TPA-2	21.540	Pittsburgh, Pa.	W8XK
15.250	Boston, Mass.	W1XAL	21.550	Daventry, England	G S T
15.260	Daventry, England	G S I	21.565	Zeesen, Germany	D J J
15.270	New York City	W2-XE	21.640	Zeesen, Germany	D J K
15.270	Cincinnati, Ohio	W8XAL	25.850	Zeesen, Germany	D J T
15.280	Zeesen, Germany	D J Q	25.950	Zeesen, Germany	D J U
15.280	Trujillo City, D. R.	HI-3X	26.450	Zeesen, Germany	D J V

13.7-50.0

## ROLLING OFF A LOG

There is pleasure in logging new stations for it is not unlike a game. The pleasure is intensified—it is more exciting and alluring—if a score be kept for the spirit of contest then enters into the game. With this thought in mind, the QRC devised a plan which embraces all the enjoyable features of a contest, inclusive of prizes, but is distinctly not a contest for it is devoid of chance. You are absolutely certain of winning your prize, and as many of them as you may care to win. There are no losers. Using QRC forms, obtainable at 90 for 9 cents, post-paid, the object is to log 30 different shortwave *broadcast* stations, 10 times each—a total of 300 reports. This entitles you to a prize valued not in excess of 75 cents, such as a National Geographic Society map, on linen, or, for instance, you may add 50 cents and receive an Amateur Call Book. For each additional 30 stations logged ten times, you may select an additional prize.

You may tune at your pleasure, there being no appointed time, but at least an hour should elapse before again logging the same station. Reports should be on shortwave *broadcast* stations only; not point-to-point relays, telephone circuits, special services nor amateurs. By "broadcast" is meant entertainment for reception by the general public. A musical selection or an advertised product, by name, is a sufficient log. Unless in the station's own language, a longer log is not desirable. Reports may be sent the QRC monthly or oftener, at your convenience, each accompanied by a half cent, of which a quarter cent applies toward the prize to be selected by you upon completing 30 stations, ten times each, and the remainder is for forwarding postage. Reports are forwarded by the QRC to the respective stations upon assembly from all sources of a mailing unit. If the postal rate is 3 cents, 15 reports for the same address constitute a mailing unit, or if 5 cents, 25 reports. This is the Connoisseur Plan—a privilege reserved for the exclusive enjoyment of QRC members.

In behalf of those Members who evidence their intention of earning prizes under the Connoisseur Plan, the verification of any Connoisseur Report (Star Stations excepted) will be requested by the QRC upon deposit of 6c additional, Star Veries being 11c. You have no letter of request to write. Just mark with a "V" in the left margin the reports you desire verified, list them with your remittance, and the QRC will do the rest. Star Stations are those that guarantee to verify.



10 CENTS

APRIL

# SHORT WAVE REPORTER



BROADCAST SCHEDULES  
OFFICIAL IDENTIFICATION AIDS  
NEW STATIONS AND STATION NEWS



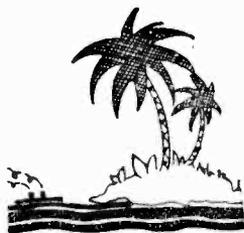
## VERI ASSURANCE

To save listeners from loss or disappointment, the QRC has obtained of the stations listed below, absolute assurance that all correct reports, accompanied by a dime (instead of a reply coupon) and submitted via the QRC by listeners in the United States and Canada, will be instantly verified. The pro-rata expense to the QRC in the handling of such requests is estimated at 3 cents each.

4.841 HJ3ABD Bogota, Colombia	Roberto Ramirez, Gerente
5.755 YV2RA San Cristobal, Ven.	Jesus M. Diaz G., Propietario
5.850 YV1RB Maracaibo, Ven.	Juan Suarez C., Manager
5.875 H R N Tegucigalpa, Hond.	Rafael Ferrari, Manager
5.885 HI-9B Santiago, D. R.	J. L. Sanchez, Jr., Director
6.010 PRA8 Recife, Brazil	O. Moreira Pinto, Dir. Supt.
6.015 HI-3U Santiago, Rep. Dom.	Moises Franco Franco, Director
6.015 HJ3ABX Bogota, Colombia	C. Rios Hoyos, Gerente
6.030 XE-BQ Mazatlan, Mexico	Alejandro A. Schober, Gerente
6.075 XECU Guadalajara, Mex.	Manuel Mayo B., Manager.
6.085 HJ5ABD Cali, Colombia	Jorge E. Rivas, Gerente
6.150 HI-5N Moca, Rep. Dom.	J. B. Curiel, Propietario
6.206 HI-8Q Trujillo City, D. R.	Julio O. Garcia Alardo, Owner
6.243 H I N Trujillo City, D. R.	Ernesto Soler, Director
6.280 H I G Ciudad Trujillo, D. R.	G. Saladin, Manager
6.360 YV1RH Maracaibo, Ven.	G. Nouel, Director Tecnico
6.545 YV6RB Bolivar City, Ven.	E. Torres Valencia, Owner
6.610 YN-LG Managua, Nica.	Benjamin J. Guerra L., Manager
6.630 H I T Ciudad Trujillo, D. R.	F. A. Sanabia, Manager
6.668 HC2RL Guayaquil, Ecuador	Dr. Roberto Levi, Manager
6.800 HI-7P Trujillo City, D. R.	Jose M. Roques Roman, Owner
9.300 H I G Ciudad Trujillo, D. R.	G. Saladin, Manager
9.300 YN-GU Managua, Nica	Miss Matilde Haydee Diaz, Dir
9.330 OAX4J Lima, Peru	Antonio Vazquez P., Gerente
9.500 H J U Buenaventura, Col.	Alberto Pinzon Neira, Gerente
9.520 HJ6ABH Armenia, Col.	German Hoyos G., Manager
9.520 XE-DQ Guadalajara, Mex.	Mario E. Bozzano, Manager
9.550 XE-FT Veracruz, Mexico	Jose Rodriguez Lopez, Gerente
9.630 HJ7ABD Bucaramanga, Col.	V. R. Cadeno R., Manager
11.700 CB-1170 Santiago, Chile	Jose F. Azcona, Gerente
11.700 HP5A Panama City	Bernardo Becker W., Manager
15.440 XE-BM Mazatlan, Mexico	A. Villegas Arango, Manager

No letter of request need be written. Just send your report with a dime and 3 cents to the QRC and the QRC will convey your report to the station with the request that it be verified. In due course you will unfailingly receive your verification, issued and mailed by the station direct to you.

# Short Wave Reporter



## HEAR TOKIO!

The latest schedule of the Broadcasting Corporation of Japan provides for six daily transmissions. These will be found conveniently set forth below. Pacific Coast listeners should have no difficulty in logging not only the evening transmission directed to these shores, but the early morning transmissions as well. Although two transmissions are directed toward Eastern North America, to reach that region via the shortest distance the radio wave must hurdle the magnetic pole. Indeed whichever route it follow, much land must be traversed with the attendant attenuation of the wave.

9.535 JZJ	1. For Europe (English, French, German & Japanese):	7.510 JVP	2 $\frac{3}{4}$ -4	SMTWTFS
9.535 JZJ	2. For Latin America (Spanish or Portuguese & Japanese):	11.800 JZJ	4 $\frac{3}{4}$ 5 $\frac{1}{2}$	SMTWTFS
11.800 JZJ	3. For Eastern North America (English & Japanese):		6-6 $\frac{1}{2}$	SMTWTFS
11.800 JZJ	4. For the Pacific Coast (English & Japanese):		12 $\frac{1}{2}$ 1 $\frac{1}{2}$	SMTWTFS
11.800 JZJ	5. For Eastern North America (Japanese):		7-7 $\frac{1}{2}$	SMTWTFS
11.800 JZJ	6. For the South Sea Islands (English, French, Chinese & Japanese):		8-9 $\frac{1}{2}$	SMTWTFS

The most favorable hour for reception in North America of Asiatic signals is the hour following sunrise. Programs intended to be heard at that hour are most favored by natural conditions. While similar conditions should be present as sunset approaches, it doesn't always work out that way. Tokio is particularly interested in reports on the reception of their evening program (transmission 3) for English speaking listeners on the East Coast. The morning program directed to the same zone may be the better received but lacks English announcements.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by Quixote Radio Club, Box 772, Santa Barbara, California.  
10 Cents a Copy, \$1 a Year (10 issues).  
Entire contents copyright 1938 by E. J. Shields, Chots.  
Advertising accepted of reputable firms only. Rates on application.

## JAVA

As summer approaches, the early morning reception in North America of Javan signals should improve. Complete schedules of their higher powered transmitters are given below. The first hour following sunrise is most favorable while evening reception is most improbable.

3.040	YDA Tandjong Priok			
	4½-----10½	6.7½		SMTWTFS
6.040	YDA Tandjong Priok		10½-----2	SMTWTF
		7½-----2		S
6.720	PMH Bandoeng		9½-----1½	S
	4½-----11½			SMTWTFS
9.550	YDB Soerabaia			
	4½-----10½	6.7½		SMTWTFS
10.260	PMN Bandoeng	7½-----2		S
	4½-----11½	6.7½	10½-----2	SMTWTFS
11.000	PLP Bandoeng			
	4½-----10½	6.7½	10½-----2	SMTWTF
	4½-----11½	7½-----2		S
15.150	YDC Bandoeng			
	4½-----10½	6.7½	10½-----2	SMTWTF
	4½-----11½	7½-----2		S
15.300	YDB Soerabaia		10½-----2	SMTWTFS
		7½-----2		S

## GREENLAND

With respect to Station W10XAB of Reindeer Point, Greenland, 14.380 mc, Members are in receipt of the following: "Dear Sir: Thank you for your letter, reporting your interception of W10XAB signals. This point-to-point station, operated at irregular intervals by the MacGregor Expedition from Reindeer Point, Greenland, originates programs which are heard exclusively over the Blue and Red Networks of the National Broadcasting Company. At the request of Captain

MacGregor, we are holding all W10XAB letters in our files until his return. Until that time this letter will serve as a temporary acknowledgment of your reception. Cordially yours, (s) Frank C. Lepore, National Broadcasting Company, RCA Building, Radio City, New York, N. Y."

## FRANCE

Tests by Radio Coloniale of Paris have been reported on a number of new frequencies, the principal of which have been 6,040, 9,550, 11,845 and 15.130 kc.

HIN "Broadcasting Nacional," Ciudad Trujillo 740 watts (Collins) 6,243.75 & 1,090 kc (s) "Himno Dominicano." (i) Every 30 minutes. Vinicio Saladin, Pedro J. Santana & Juan Jose Bravo, Announcers. Juan Jose Bravo, Director. Juan Salazar, Chief Engineer. Frank Hatton, Manager. Dominican Government, Owner. Studios: Calle Arzobispo Merino 79, 3er Piso.

6.243 HIN

12---2½

5½-----10

MTWTFS

**INDO-CHINA**

As a tip to members who wish to log Saigon, Indo-China, a Vancouver Member reports logging them Monday, March 14, from 5:45 a. m. till 6:30 a. m. PST on exactly 6,240 kcs. Intermittent code interference was noted at times, but during the final half hour reception was clear.

**INDIA**

The first tests of VUB-2 Bombay have been reported near 9.550 kc on the high frequency fringe of W2XAD Schenectady, reception being quite difficult while the latter is active. Like VUID Delhi 9,590, Bombay comes on the air at 9:30 p. m. EST.

**ECUADOR**

By letter, Sr. Guillermo Garcia y Franco, Director of Radio Station HC1GQ "Nariz del Dablo" (Devil's Nose) of Quito, states that his station is owned and operated by the Guayaquil & Quito Railway Company with a view to promoting the panoramic splendour and fields for investment in Ecuador. Test programs may currently be heard on 9,163 kc Mondays, Wednesdays and Saturdays, with regular schedules shortly to be adopted. Improved equipment has been ordered and is on the way. Verification requests need not be accompanied by reply postage. Address Box 159.

HIZ "Broadcasting Nacional," Ciudad Trujillo 280 watts (Collins) 6.316 (s) "Dominican National Anthem by Jose Reyes." (i) 4 chimes every half-hour. Carlos Vallejo, Hector Diaz & R. Pellerano, Announcers. Carlos Vallejo, Director. Rafael Pellerano, Manager. Frank Hatton, Owner & General Manager of Broadcasting Nacional. Studios: Av. Mella 58. Apartados 1092 & 771.

6.316 HIZ

11½-----2½

5-----10

MTWTFS

**CUBA**

Verifications are being received by Members as follows: COCA Habana, Cuba, 100 watts, 9,100 kcs, relays CMCA 250 watts, 1,350 kcs. "We would like to C-U-B-A Constant Listener of ours. This is to acknowledge with thanks your correct report on our COCA broadcast of . . . and we take great pleasure in verifying your reception. We broadcast daily from 8 a. m. to 12 p. m. EST and we would be glad to hear from you if you should at any time pick up our signals. Thanking you for having written, we remain, Yours sincerely, (s) Alec Kinghorn, DX Announcer; Testar & Gonzalez, Owners. Galiano 120, Habana, Cuba."

**SWEDEN**

The Director General of Telegraphs of Sweden advises that reports of reception of the Motala broadcasts are greatly appreciated but they have no QSL cards to send for verification purposes. They will be pleased to verify instead by letter.

**ECUADOR**

Radio Station HC2CW "Ondas del Pacifico," of Guayaquil, formerly operating on a frequency of 8,404 kc but reported heard on 9,290 kc, has verified transmitting on an assigned frequency of 9,300 kc. Operating schedule is given at page 28 herein. Postal address is Box 1166.

**MARTINIQUE**

The owner of Radio Martinique, V. Seri of Fort-de-France, courteously thanks the QRC for conveying their excuses to listeners for the delay in issuing verification cards which will be mailed immediately upon receipt from the printers. That there may be no confusion as to the identity of Radio Martinique, he adds that it is the only station on the Island using the French National Anthem "La Marseillaise" as its signature. Radio Fort-de-France, an entirely different and distinct station, tested on the short waves for a brief period, having changed to a frequency of 1,500 kcs on the broadcast band more than a year ago, where they use as their opening and closing theme a Creole dance. Thus Radio Martinique is now the only short wave station there whose frequency has been notified the International Bureau of Berne. At present using 200 watts power on 9,700 kcs, they express the hope of increasing their power on this frequency to 1,500 watts at an early date, at the same time broadcasting with 200 watts power on an additional new frequency. Listeners have reported the reception of a Fort-de-France station on 9,350 kc which may have been the new frequency in question. Further details will be found in a footnote of this issue.

**ST. KITTS, B. W. I.**

The Caribbean Broadcasting Service has issued the following press release: VP2LO has been in operation since December 20 daily without fail from 4 till 4:45 p. m. EST. This schedule is still maintained and in all probability will not be altered within six months, nor then without prior announcement. Maximum power in 1938 will be 500 watts, but the location is so very favorable that signals are received with strength equal to those of other transmitters four times greater in power but less favorably situated.

VP2LO now operates on 6,380 kc only. Programs open with "Rule Britannia" and close with the British National Anthem. Announcements are usually in English, but station identification is sometimes given in French, Spanish, Portuguese and Dutch as well. No chimes are used. Reply coupons are required if verification is desired. Address Box 88, St. Kitts.

This is to state my appreciation of the REPORTER and the "veri via QRC" offer. I find the magazine most helpful in tuning for new stations as it is completely up to date. I was very disappointed to find the F. B. Log discontinued, but hope it may again appear in the near future.—Conrad Routh, QRC 1157, Ga.

---

"Radio Martinique" (Poste Seri) Fort-de-France 1.5 kw 9.700 (s) "La Marseillaise," French National Anthem. (i) Chimes. Time 56 minutes ahead of EST. Pierre Argod & Robert Roque, Announcers. Antoine Seri, Director. Roland Finucci Seri, Manager. V. Seri, Owner. Studios: Route de la Dillon 3d Kilometer. Boite Postale 136.

9.700 Seri

12313

3---5

7---9

S

SMTWTFSS

**ANTENNAS**

Advice to the Lovelorn. When trimming a tree near the lead-in of your antenna, take down the antenna before sawing off a limb. The moral is self-evident. Now I have to rig it all over again.

—R. B. Hammes QRC 84 N. C.

**REGIONAL TUNING GUIDE**

Before having an opportunity comprehensively to study the reports of members on those stations best heard in their vicinity and the hour of peak reception, it has been necessary to go to press with this issue. As in March, members are invited to submit such reports so that a contrast of conditions in different regions may be published, if sufficient interest in such a table be displayed and the publication of such data be found practicable. Remember that by the time this magazine reaches your hands, the next issue will already be in preparation.

The Membership Campaign is in full swing and has but another month to go. The member credited May 10 with having introduced the greatest number of new members since December 10 will be awarded an attractive world time clock donated by courtesy of Mr. Philip Cass QRC 478 of Philadelphia. Membership in the Quixote Radio Club is free to all subscribers to the **SHORT WAVE REPORTER**. The sub-



C. Ricardo Widmaier of Station HH3W Port-au-Prince, Haiti, sends cordial greetings to all QRC Members.

scription rate is \$1.00 per year (10 issues) whether foreign or domestic. Now is the time to recommend the QRC service to friends—before the summer vacation is upon us.

It is planned again to publish the QRC Receiver List in the May **REPORTER**. Members who have not yet informed the QRC of the make and model (number of tubes) of their receiver, or favorite if more than one, are urged to do so at once.

HH3W Station de Radiodiffusion, Port-au-Prince 150 w 9,645 relays HHW 100 w 1,230 kc (s) "Two Guitars." (i) 4 chimes. Jean Artaud, Rene Godfroi, Pierre Eli, Announcers. O. Widmaier, Roberto Muino, Operators. C. Ricardo Widmaier, Manager. C. Ricardo Widmaier, Jr., Owner & Director. Studios: Ruelle Calstrum No. 13. P. O. Box A-117.

9.645 HH-3W

1---3  
1..2

7---9

S  
MTWTFSS

When I took the N. R. I. course it was divided into about 30 lessons on fundamentals followed by five specialized courses from which to elect further training. I took "servicing." The Service Course consists of some 20 lessons on methods. These I have complete with binders and reference pamphlets, together with the answer and solution sheets. Material for experiments was supplied, most of which I have. The few missing items are inexpensive. Also have a Readrite 710 analyzer in perfect condition, and while it is not the latest model it should be useful to anyone starting in service work. The Course cost \$88 to about \$115 new, depending on payment terms. The analyzer \$15. The first \$25 plus shipping charges takes the lot.—QRC, Fred Atherton, 23 Royce St., Rutland, Vt.

### URUGUAY

From Station CXA-2 of Montevideo 6.000 comes advice that the first "continental" broadcasting chain is about to be initiated, this station being rebroadcast by longwave stations in Montevideo, Buenos Aires, Santiago de Chile, Asuncion del Paraguay and Lima. Normally CXA-2 broadcasts simultaneously with LS2 Radio Prieto of Buenos Aires.

I am the owner of a Scott full range hi fidelity super-heterodyne 23 tube receiver. With your log and a good receiver, I travel the world over, the atmospheric conditions being O. K. I certainly appreciate your monthly log and wish good success.

—Jules L. Bandelier QRC 441 Ill.

The members here, including myself, have a QRC "Chapter," we call it—"Canadian Dial Roamers of the QRC." We want to know if we can get QRC stationery bearing the name of our Chapter. Officers are: W. G. Jeffries, President; A. Howarth, Vice-President; Mrs. F. W. Alfred, Hostess; S. R. Rea, Treasurer; F. W. Alfred, Secretary; F. R. Smith, Publicity Manager.—QRC 948, Mr. and Mrs. Fred W. Alfred, London, Ont.

I'm willing to put in \$1 if you take up QRC 956's idea. Surely would be a big help if the stations would make station announcements in English every hour or half-hour.—Floyd M. Murphy, QRC 297, Ill. (Doubtless if we were to supply certain stations with suitably recorded identification in English they would be willing to use it at favorable hours, but who can tell us where recordings may be obtained and how much they might cost?—Chots.)

---

CXA-8 "Real de San Carlos," Colonia 2.5 kw 9.640 relays LR-3 "Radio Belgrano." Juan E. Cossio, General Manager. Radio Belgrano, Owner. Studios: Belgrano 1841, Buenos Aires, Rep. Argentina.

CXA-9 Montevideo 5 kw 9.440 & CXA-19 5 kw 11.695 relay CX-14 "El Espectador" or CX-18 "Radio Sport." (s) March music. L. Balerio Sico, Manager. El Espectador Ltda., Owner. Studios: Olimar, 1364 esquina 18 de Julio. (Under construction. Probably in operation, May, 1938.)

9.440 CXA-9  
11.695 CXA-19

10----12

5½-----9

SMTWTFS

LEAGUE OF NATIONS  
SCHEDULE OF BROADCASTS IN ENGLISH

18.480 HBH	1. For India: 10 $\frac{3}{4}$ 11 $\frac{1}{2}$	S
14.535 HBJ	2. For South Africa, Egypt and the Near East: 1 $\frac{3}{4}$ 2 $\frac{1}{2}$	S
6.675 HBQ	3. For the British Isles and North Europe: 1 $\frac{3}{4}$ 2 $\frac{1}{2}$	S
11.402 HBO	4. For North America: 7-7 $\frac{3}{4}$	S
11.402 HBO	5. For Australia and New Zealand.	2-2 $\frac{1}{4}$ M
14.535 HBJ	6. For Australia and New Zealand:	2 $\frac{1}{2}$ 2 $\frac{3}{4}$ M

SWISS PROGRAM

14.535 HBJ	11.402 HBO	6 $\frac{3}{4}$ -8 $\frac{1}{4}$	M
------------	------------	----------------------------------	---

May have to move from my present location to get better results. Am between two hospitals, the elevated and an express highway. To top it all, a beauty parlor moved in on the ground floor. What they do to your reception is better left unsaid. Receiver: Scott Philharmonic 30. Aerial is of my own construction 40 feet above the roof of the building. It consists of two 35' Zepp cages which pass through a Spiderweb doublet and an Antennatuner before being connected to the set. Besides, I constructed an aerial from a 40' copper drain pipe erected vertically on a 10' wooden pole held in position by 8 guy-wires, but this antenna is not very efficient—at least not in my location.—QRC 983, Paul Mosert, N. Y. C.

Thanks for the first issue of REPORTER just received. In response to request on page 18, I use a Scott Philharmonic 30. Some time I should be glad to have an explanation of the FB Log. It's new to me, but looks very interesting. I think the QRC broadcast schedule is a peach.

—Stanley Martin QRC 1090 Ill.

In accordance with your request for information on the make of my radio I wish to state that I have a Scott 23 tube set which is giving me great satisfaction. By the way, I haven't seen any mention of the Standard Time Signal Data which I suggested you include in some issue of the REPORTER. Still think many would be interested in this information.

—James L. Atsatt QRC 521 N. J.

HI-1J San Pedro de Macoris 100 w (soon to be increased) 5.865 (s) "Himno Nacional." Antonio Zaglul, Announcer. Bebe Bazan, Director. Manuel Zaglul, Manager. Fausto M. Donastorg, Owner. Studios: Calle Jose Trujillo Valdez. Apartado 204.

5.865 HI-1J 12---2 6-----9 SMTWTFS

YV3RD "Radio Barquisimeto," Barquisimeto (La Granja) 6.465 (s) "15 de Septiembre" March. R. A. Segura, Director. Amilcar & Rafael Angel Segura, Owners. Studios: Av. Bella Vista No. 335.

6.465 YV3RD 12---2 6-----10 SMTWTFS

Would you please recommend a short wave book for beginners? Want to learn the meaning of the code words, kilocycles, megacycles meters and other short wave terms. —Harold G. Graeme, Qrc. 1130, N. Y. Try the Amateur Radio Relay League Handbook, on sale at all newsstands. Last year's edition is half price and should serve you equally as well.

Have had a lot of fun rebuilding the All-Star, just having finished it. This makes the fourth time I have built it, having started from scratch this time, even punching the socket holes and redesigning the whole layout. Added AVC and a separate oscillator in place of the pentagrid converter. Used with a two stage preselector, it makes a fine eleven tube outfit, and when I get a couple of bugs out of it, I think it will work to my entire satisfaction. Am enjoying each issue of the REPORTER and glad to get the details in the February issue on the South African transmitters.—QRC 97 J. R. Mappin, Calif.

My receiver is a 1937 RCA-Victor model 7TI 7 tubes. I use 6 different antennas, the latest up being an RCA Magic Wave antenna. It works very well. The REPORTER is getting better with each issue. Keep up the good work.

—Clyde A. Ritter QRC 416 Pa.

Am very pleased to return my \$1 for renewal of my subscription. For the past year I have found the REPORTER a gold mine of help. It is the most completely all satisfying shortwave magazine I've ever seen. Congratulations, and keep it up!

—Laurence Sprung QRC 530 Cal.

I have just recently acquired an XYL and 174 Garfield Av. is our new shack. Haven't had much chance to try my DX'ing yet, but hope to soon. The REPORTER is one of the best.

—Wm. G. Jeffries QRC 945,  
London, Ont.

I have a number of Christmas Seals issued by the city and marked "Bethlehem, the Christmas City of the United States." During the holidays, thousands of letters and parcels poured into our postoffices to be postmarked: "From the Xmas City of the U. S. A." and shipped to practically all corners of the globe. I am willing to send a few of these seals to interested members if they will supply a self-addressed stamped envelope. Supply is limited and there will be no reprints of the 1937 issue. Future issues will be on sale at the offices of the Bethlehem Chamber of Commerce.—QRC 830, Alex Farkas, 1041 Crawford St., Bethlehem, Pa.

W3XAU Philadelphia (Newtown Square) Pa. 10 kw relays WCAU. J. G. Leitch, Technical Supervisor. Dr. Leon Levy, Director. WCAU Broadcasting Co., Owner. Studios: 1622 Chestnut St.

21.520 W3XAU

9.590 W3XAU

6.060 W3XAU

12-----8 11-12

8-----11

SMTWTFS

SMTWTFS



Nicola Cannata QRC 716 of Chicago, an ardent booster of the QRC, truly derives great pleasure from the superb reception afforded by his Scott Philharmonic 30.

Am enclosing a report on HRN. In my letter report on YNLG mailed today, I informed you that HRN did not mention the QRC at close of program, but tonight they did—and a very fine job of it, too! I received your card today stating you had received my past reports and what action had been taken with them. Am looking forward to the March issue of the REPORTER as I know it will have some more very good

information for the short wave fan.—Chas. M. Robinson, QRC 1324, Iowa.

I wish to add a good word for your excellent organization and the REPORTER. If I had not learned of the QRC, I might have dropped this radio game. Why? Because my requests for verifications were falling by the wayside, less than 50 per cent replying.—Ray Dissinger, QRC 1211, Kans.

## OUR GARDEN

For the HIG dime veri I am using the sample QRC form which you so kindly enclosed in your last letter. I am anxious to get some more of the forms so that I may start in logging stations in earnest. The March issue of the REPORTER arrived yesterday and was full of valuable information which I have not found in any other magazine to date. Keep up the splendid work. —Louis J. Ragazzini, QRC 1341, N. Y.

Am enclosing 10c in coin for the March issue of the REPORTER. I have just finished reading the February issue and will say that you have a very swell and up to date magazine—the best of its kind I have ever read. Am going to send in a year's subscription. The more I think about your Dime Veri Plan, the better I like it. The Club is offering us DX'ers a real service for I guess most of us have been disappointed many times in waiting for verifications. —Everett C. Glenn, Mich.

Received my veri from HRN this a. m., thanks to QRC. It came through with less delay than nearly any other, due, I am sure, to the dime veri plan. So far, the most prompt of all have been TGWA and TG-2. I wrote to YV1RB last

November, but never a reply. Now, to my surprise, I find him listed as a dime veri. I'm sending my old report to you to try for a veri. It's old, and if you think it's too ancient I'll log him again.—G. L. Burnham, QRC 1054, Wisc.

A very good friend of mine is interested in the QRC and I wonder if you'd kindly forward him particulars? He has just purchased a new shortwave set and wants to join a good club.—QRC 56 Ed. Hatch, Pa.

Again we thank you and the members of the QRC for your interest in our programs. These reports were brought to the attention of the proper officials who found them interesting. —Frank C. Lepore, Correspondent, Audience Mail W3XAL.

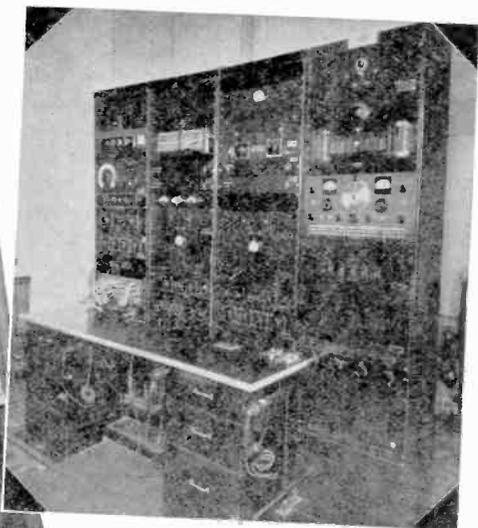
I have been a member of QRC for about eight months and up to now have not been very active on SW BC DX. However, I am slowly getting back into harness again. Am glad to have the REPORTER on hand to aid me in my DX. "Our Garden" is a very fine addition to an already fine magazine. Enclosed are two "Dime Veri" reports. Incidentally, I believe the QRC "Dime Veri" plan is the best break the SW DX'ers have received yet. I only hope more stations fall in line soon. —Stanley Brus, QRC 855, Pa.

---

PMY Bandoeng 1 kw 5.138 (o) "Fideles Munchen," Military March. (i) Song on Chimes "No Money and No Sorrows." (s) "Sag beim Abschied leise Servus." Java Time 7½ hours ahead of GMT. C. Reids Leegsma, Chief Announcer. J. G. Prins, President. Bandoengsche Radio Vereeniging (Bandoeng Radio Club) Owner. Studios: Nillmy Gebouw. Postal Address: Bandoeng, Dagoweg 101. Java, N. O. I.

# A page from the hallicrafters Scrapbook

Interior View of WFBR Mobile Transmitters showing 1938 Super Skyrider.



THE CONTROL BOARD OF WFBR, NBC station of Baltimore, Md., showing panel installation of 1938 Super Skyrider.

TED ROGERS—famous short wave radio columnist of the N. Y. World-Telegram spins the dial of his Super Skyrider.



HENRY HOFFMAN, operator for Rev. Father Paul Schulte, "Flying Priest of the Arctic," writes from his post in the Arctic waste—"With the Sky Challenger, low power transmitters were received over a surprisingly long distance, where all other receivers I used this summer in the Hudson Bay failed." Hallicrafters receivers are also used in the MacGregor Expedition now in the Arctic regions.

**T**HUMBING through the Hallicrafters' Scrap Book, one cannot help being impressed by the widespread acceptance of Hallicrafters Communications Receivers. We are proud to show on this page a very few of the outstanding personalities who operate Hallicrafters receivers and their rigs.

the hallicrafters inc.

2611 Indiana Avenue, Chicago, U. S. A. • Cable Address "Hallicraft" Chicago

WORLD'S LARGEST BUILDERS OF AMATEUR COMMUNICATIONS RECEIVERS

I wish to thank you for all Club literature and Membership Card No. 1347. Pleased to be with you as per Mr. A. C. Tarr's efforts. I have enclosed reports on HRN and HJ3ABD for veris which will be greatly appreciated.—Alfred H. Bacon, QRC 1347, B. C.

I find the REPORTER a compact book of useful station information ideal for the short wave listener. Many thanks for the prompt attention given my request.—Thos. Ridpath, England.

Enclosed is \$1 for which please enter my name for a year's subscription to the REPORTER. Please start with the March issue. I have the February number and am most anxious to maintain a continuous file. My receiver is a Scott Philharmonic purchased February 10th. The February issue of your magazine was very kindly furnished by Mr. Scott and I have found it invaluable. If there are any formalities to comply with in connection with this subscription, please advise me and I shall be glad to cooperate.—C. B. Calder, QRC 1361, Ill.

I am enclosing your subscription slip plus one dollar. Now I believe that you can consider me a member of the QRC. I enjoyed reading the REPORTER and use the magazine

as a reference book when searching the dials for foreign stations. Although my set is only a six tube RCA-Victor, I manage to get some of the stations—in fact, most of the larger short wave stations. I am experiencing the same difficulties as QRC 956. The stations of C. A. and S. A. often identify in Spanish and it is very hard to log the station and selections. Will cut short and await the arrival of the REPORTER. — Joseph Kozalka, QRC 1362, Conn.

I think the REPORTER one of the best publications on SW data I have ever seen. Have logged Johannesburg several times this month, which comes in like a local station on my Scott Philharmonic 30, and with the aid of the REPORTER I have no trouble in tuning other SW broadcasts from London, Berlin, Tokio, Rome, Moscow and Australia. Without the aid of the REPORTER I should be unable to locate these stations. — Charles O. Lancaster, QRC 1032, Va.

I have been very busy with this thing and that and wasn't getting very good results with my old radio. I have now purchased a new Super Sky rider SX-17 and will try to be more active in sending in reports.— Frank Anzalone, QRC 344, Ill.

"Radio Budapest," Budapest (Szekesfehervar) 5 kw (s) "Hungarian National Anthem." (i) Music Box. Seven Announcers. B. Marschalko, Manager. Government Station under direction of Postal Administration. Address: Radiolabor, Budapest.

15.370 HAS-3 9.10  
9.125 HAT-4

7.8 S  
6.7 S W S

HI-8J "La Voz de la Provincia," La Vega, D. R., 6.383. Antonio Batista Clisante, Owner & Director.

**BOOSTS**

All the world likes to get mail. If you would enjoy receiving a mimeo news-letter on radio reception every second week, subscribe to the service of the Universal Radio DX Club, Chas. C. Norton, Pres., 2018 Green St., San Francisco, Calif., or the Before Breakfast DX Club, Stanley B. La Rue, Pres., 309 So. Bedford Drive, Beverly Hills, Calif. Specimen copies 5 cents; rates on application.

**ECUADOR**

Manager J. Santiago Castillo of Station HC2ET Guayaquil—the only broadcast station owned by an Ecuadoran newspaper, and the most powerful privately owned station in that country—advises that they are considering a change of wavelength from that of 4,600 kc., but that in any event this will not occur before June or July.

I have received, now, copies of the REPORTER for January and February and am finding them most interesting and helpful in my "chase" after transmissions on the higher frequencies. Have you ever considered printing a standard form for Mem-



Stanley B. La Rue, President of the Before Breakfast DX Club of Beverly Hills.

bers which they could purchase in small quantities and which would outline all the essentials upon which one should report? Wishing the QRC continued success.—F. A. Cowan, QRC 1264, Egypt.

**QUIXOTE RADIO CLUB**

Station:

QRC No.

Date:

Hour:

Log:

Intensity—R

Fading—QSB

Overall Merit

Modulation QSA

Slow Shallow

Excellent

Interference QRM

Rapid Shallow

Good

Atmospherics QRN

Slow Deep

Fair

Receiver:

Rapid Deep

Poor

Observer:

Locality:

## STATION DATA

In this issue the Station Data section will be found replete with detail, but listeners are reminded that only a third of this section is published each month.

**ANGOLA**

CR6AA "Estacao Radio Difusora do Lobito," Lobito Bay 1750 w 7.177 & ir. 9.666 (i) three notes. Announcements in Portuguese, French, English and Spanish by a man and a woman. Alvaro de Carvalho, Owner & Operator. Caixa Postal 103.

7.177 CR6AA

2 $\frac{3}{4}$ --4 $\frac{3}{4}$ 

SMTWTFS

**ARGENTINA**

LRU "Radio El Mundo," Buenos Aires 7.5 kw 15.290--LRX 10 kw 9.660--Relay LR-uno 50 kw 1,070 (s) Theme without title composed especially for Radio El Mundo by Maestro Alberto Castellanos. (i) 4 vibraphone notes. Argentine Standard Time one hour ahead of EST. Roydon M. Hummel, Manager. Editorial Haynes Lda. S. A. (publishing house) Owners. Calle Maipu, 555.

9.660 LRX

9 $\frac{1}{2}$ -----10 $\frac{1}{2}$ 

SMTWTFS

**AUSTRALIA**

VK2ME "The Voice of Australia," Sydney (Pennant Hills) 20 kw 9.590 (s) National Anthem. (i) Kookaburra laughter. P. Greeves, Announcer. Amalgamated Wireless (A/sia) Ltd., Owners. 47 York Street. Box 2516 BB G.P.O.

VK3ME Melbourne (Braybrook) 1.5 kw 9.510. C. T. Sproule, Announcer. Amalgamated Wireless (A/sia) Ltd., Owners. Verifications: Broadcasting Department, "Wireless House," 167-169 Queen Street, P. O. Box 1674 N. Melbourne, C.1., Victoria.

VK6ME Perth, (Applecross) Western Australia 2 kw 9.590. For veries: Amalgamated Wireless (A/sia) Ltd., Box 2516 B B G.P.O., Sydney N. S. W.

VK9MI M/V Kanimbla 50 w 6.010, 11.710 (s) "Sweet Dreams" followed by God Save the King. McIlwraith & McEacharn, Ltd., Owners, 94 William St., Melbourne.

VLR "The Australian National Short Wave Station," Melbourne (Lyndhurst) formerly VK3LR--1 kw (soon to be increased to about 3 kw) 9.580 (s) National Anthem. (i) Three gong notes in ascending order. Australian Broadcasting Commission, Short Wave Division, T. & G. Building, Collins Street, Melbourne, C. I. Box 1686 G. P. O.

3-----7 $\frac{1}{2}$   
-----8 $\frac{1}{2}$   
-----8 $\frac{1}{2}$

10 $\frac{3}{4}$ -----  
10 $\frac{3}{4}$ -----

S  
-----  
S

MTWTF

**AUSTRIA**

OER-2 "Radio Wien," Vienna (Rosenhugel) 1.5 kw 6.072 & OER-3 11.801 (s) National Hymn. (i) Ticking of Clock. "Hallo, hallo, Ravag, Vienna calling OER-2 and OER-3." Men announcers. Oesterr. Radioverkehrs A. G., Owners. Vienna, I, Johannesgasse 4b.

**BELGIUM**

ORK "Radio Ruysselede," West Flanders 9 kw 10.330 (s) "Brabanne" National Anthem. Languages: French and Flemish. Announcement: "Ici Bruxelles I. N. R. Emission speciale pour le Congo par la station de Ruysselede ORK 29 m 04." Regis des Telegraphes et des Telephones, Direction des Radiocommunications, Bruxelles.

**BOLIVIA**

CP-1 "Radio Chuquisaca," Sucre, Bolivia, 400 w 9.890, 1.380 & 14.544 (s) "Twenty Years," march. (i) Clarines (Bugles). Carlos Torrez R., Announcer. Antonio Torrez G., Manager. Jose Camacho B., Owner & Director. Studios: Grau No. 19. Casilla No. 15.

9.890 CP-1 11-12½ 5½-7 8½-10½ SMTWTFS

CP-15 La Paz "51 meters." Studios: Indaburo 470. Casilla 846.

**BRAZIL**

PRA-8 "A Voz do Norte," Recife 5 kw 6.010 & 25 kw 720 kc (s) "Hymno Nacional Brasileiro." Time signal at noon and 7 p. m. Central Brazilian Time, 2 hours ahead of EST. News at 9:45 a. m. and 4:45 p. m. EST, introduced by sound effects. Nelson Ferreira, Art Director. Otto Sihler, First Operator. Oscar Moreira Pinto, Director-Superintendent. Radio Club de Pernambuco, S. A., Owners. Plant: Estrada do Arraial 3014. Studios & Offices: Av. Cruz Cabuga 394. (Veries via QRC.)

6.010 PRA8 9-----12 1---3 4-----9 SMTWTFS

PRF-5 Rio de Janeiro (Marapicu) 60 kw 9.501 (s) "Brazilian National Anthem." "Hora do Brasil" program sponsored by Brazilian Department of Propaganda (Miss Ilka Labarthe, in Charge of Radio Division) Avenida Presidente Wilson. Cia. Radio Internacional do Brasil, Owners. Rua Theophilo Ottoni, 74. Caixa Postal 709.

PSH Rio de Janeiro 10.220 relays PRF-4 Radio Journal (See PRF.5).  
10.220 PSH 7---9 SMTWTFS

**BRITISH GUIANA**

VP3BG "The Voice of Georgetown," Georgetown (Demerara) 400 w 6.130 (o) Toselli's "Serenade." (s) "Goodnight" with vocal by Charles Kellman, Announcer. Charles Kellman, Manager & Director. Crystal Broadcasting Co., Owner. Studios: Philharmonic Buildings. P. O. Box 11.

6.130 VP3BG 10½11½ 3½-----7½ MTWTFS  
6¼--8¼ 4½--6¼ S T T S

VP3MR "The Voice of Guiana," Georgetown (Demerara) 250 w 6.070 (o) "Bond of Friendship," march. (s) Ted Lewis' "Goodnight Melody." BGT 1¼ hr. ahead of EST. G. V. de Freitas, Manager & Announcer. E. G. Fenty, Director. The British Guiana Broadcasting Co., Ltd., Owners. Studios: Luckie's Chambers, Fogarty Building, 16 Robb & Hincks Sts. P. O. Box 272. Send IRC for veri.

**BRITISH HONDURAS**

ZIK-2 Belize 200 w 10.600 . CST April through September; advanced 30 minutes October through March. D. Fairweather, Superintendent. Government Radio Station.

10.600 ZIK-2 7½- MT T S

**BRITISH WEST INDIES**

VP2LO St. Kitts (Basseterre) B. W. I., 500 w 6.380 & 12.760 (o) "Rule Britannia." (s) "God Save the King." Announcements in English by a man, occasionally by a woman. R. D. Stewart, Manager. Caribbean Broadcasting Service (Subsidiary of ICA Radio Sales & Service) Owners. Studios: West Square Street. P. O. Box 88.

6.380 VP2LO 10-10½ 7½- S W  
SMTWTFS

*Super-Powered for*



THE  
*New*

**SCOTT** *Philharmonic*

*Clearer, Stronger Foreign Reception*

30



TUBES

## BRINGS IN THOSE WEAK HARD-TO-GET STATIONS

This new Scott Custom-Built Philharmonic is, we believe, the world's most highly perfected long distance receiver. It far surpasses all previous Long Distance World's Records, held by Scott Receivers. 30 Tubes, all operating at peak efficiency, develop tremendous perfectly controlled power. You can now tune many stations you never have heard before. Greater Sensitivity enables you to take a whisper from the far corners of the earth and amplify it to the volume of a "local."

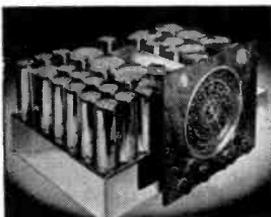
### 3.75 TO 2000 METERS

Greater Wave Length Range, 6 Bands, 3.75 to 2000 meters, gives you complete coverage of practically everything on the air. Every point on the dial is filled with powerful, superb-toned reception. "Years ahead" in design... it will receive Television Sound Broadcasts. The secret of this new Scott Philharmonic's amazing performance lies in its 8 New Features

(patents applied for), which permit you to locate and bring in those far away, weak, hard-to-get stations that are seldom heard on other receivers.

### CUSTOM-BUILT TO ORDER

The Scott Philharmonic is not an ordinary radio. It is Custom-Built by hand to suit receiving conditions in your locality. Constructed with the precision of a fine watch. Incorporates every modern improvement of radio science. The Philharmonic is the only Radio Receiver, we believe, that will perfectly reproduce the entire tonal range of the human ear (30 to 16,000 cycles). Every tone from the very lowest to the highest is captured with an uncanny realism that seems to bring you into the very presence of the musical rendition. Guaranteed 5 years. Fifteen cabinets by master designers await your choice.



**FREE DETAILS • MAIL THE COUPON NOW!**

**E. H. SCOTT RADIO LABORATORIES, INC.**

4491 N. Ravenswood Ave., Dept. 44K7, Chicago, U. S. A.

Please send details about the new Scott Philharmonic. (No dealers. Sold only direct from Scott Laboratories in New York, Chicago, Los Angeles. 30-day free trial).

Name

Address

**BULGARIA**

LZA "Radio Sofia, Stara Zagora and LZA," Sofia 1.5 kw 14,970 (s) "Tshoumi Maritza," National Anthem. (i) None. Peter Vitanoff, Elena Shopoff, Ventchi Dobрева, Announcers. Panaote Todoroff, Sirak Skitnik, Directors. Kiril Andreeff, Manager. Government Station. 19, rue Moskovska.

**BURMA**

Rangoon (Mingaladon) 1.5 kw 6.007. Address: Engineer-in-Charge, Government Radio Station, 15th Mile, Prome Road, Mingaladon, Rangoon.

**CANADA**

CFCX Montreal, P. Q. (ex VE9DR) 6.005. Relays CFCF. Victor F. Nielsen, Mgr. Canadian Marconi Co., Owners. Box 1690.

CFRX "The Rogers Short Wave Station," Toronto (Aurora) Ontario 300 w 6.070 (o) "Oh! Canada." (i) None. (s) "God Save the King." Harry Sedgwick, Managing Director. Rogers Majestic Corp., Owners. 37 Bloor St. W.

CJCX Sydney (South Bar Road) N. S. 1 kw 6.010 relays CJCB 1 kw 1,240 kc. Eastern Broadcasters, Ltd., Owners. Studios: Radio Bldg.

CJRO Winnipeg, Man. (ex VE9CL) 2 kw input 6.150—CJRX (ex VE9JR) 2 kw input 11.720. H. R. McLaughlin, Mgr. of Radio Division, James Richardson & Sons, Ltd., Royal Alexandra Hotel.

CRCX Toronto, Ont. 500 w 6.090. G. A. Taggart, Station Manager. Canadian Broadcasting Corp., 805 Davenport Road. (Verifies.)

VE9DN Drummondville (Montreal) P. Q. 6 kw input 6.005. In winter, relays "Northern Messenger" program. Canadian Marconi Co., Owners, 211 St. Sacrament St., Montreal, P. Q. Verifications: Canadian Radio Broadcasting Commission, King's Hall Building, 1231 St. Catherine Street W., Montreal, P. Q.

VE9HX "The Short Wave Experimental Transmitter of the Key Station of the Maritimes," Halifax (Bedford) 500 w 6.130 relays CHNS (o) "The Maple Leaf for Ever." (i) Four Chimes. (s) "God Save the King." Major Wm. C. Borrett, Managing Director. Maritime Broadcasting Co., Ltd., Owners. Lord Nelson Hotel. Box 99.

**CANARY ISLANDS**

EAJ-43 Santa Cruz de Tenerife 20 kw 10,370 (o) Spanish News introduced by "Himno de La Legion," English News by "Lady of Spain," and (s) "Himnos de Falange Espanola, de Requetes, y Nacional Espanol." Jose Luis Camps Ibanez and Victoriano Frances, Spanish Announcers. Manuel Ramos Vela, Art Director. Juan Meinke, Technician. Enrique Diaz Exposito, Secretary. Elias Ramos Gonzalez, President. Radio Club Tenerife, Owner. Studios: Alvarez de Lugo Num. 1. Apartado 225.

10.370 EAJ43

3.4½5---7½8½9.10

SMTWTFS

**CEYLON**

"Radio Colombo," Colombo 79 52 53 E 6 55 14 N 5 kw 6.160 (i) Bell Record. No call sign, but "Colombo Calling" used during announcements. CST 5½ hours ahead of GMT. Languages: English, Sinhalese, Tamiil. Government Station under direction of Postmaster General & Director of Telegraphs. J. Shillitoe, Chief Telecommunication Engineer. Shirley da Silva, Superintendent, Broadcasting Station. Studios: Torrington Square.

**CHILE**

CB-960 Santiago de Chile 1 kw 9.600 (s) Newton's melody "Somewhere a Voice Is Calling," organ solo. O. Robles, Announcer. Ing. L. Godoy Montt, Technical Director. O. Rocuant Figueroa, Manager. Godoy, Rocuant y Cia., Ltda., Owners. Plant: Capitan Orella 2511. Studios: Compania 1288, Fourth Floor, Offices 1-2. Casilla 1342.

9.600 CB-960 10 $\frac{1}{2}$ -----1 6---8 MTWTFS  
1-----4 S

CB-1170 Emisoras "Otto Becker," las Broadcastings populares para toda la America, Santiago de Chile ( Los Campos de Sports de Nunoa) 1 kw 11.700 relays CB-89 2 kw 890 kc (s) "Unsere Marine," German March. Raul Braun, Director, assisted by nine announcers. Hector Fernandez, Technician. Bernardo Becker W., Manager. Sucesora Otto Becker Ltda., (Dealers in Musical Instruments—Established 1865) Owners. Studios: Ahumada 113. Casilla 706. (Veries via QRC.)

9-----11 S  
11.700 CB-1170 10-----2 4-----11 MTWTFS

CB-1185 Santiago 11.850 relays CB-138 "El Mercurio" 1,380 kc.

CD-1190 Radio Sur "Voz de Valdivia para todo Chile y America," Valdivia 11.900 relays CD-69 690 kc. C. Kaehler y Co. Ltda., Builders & Owners. Studios: Offices 14-18, Wachsmann Building. Box 642.

11.900 CD-1190 10-----1 3-----6 7-----10 SMTWTFS

**CHINA**

ZBW-3 Hong Kong 2.5 kw 9.525, ZBW2 6.090, ZBW4 15.190, ZBW5 17.755. Tx Marconi Type SWB8. HKT 8 hrs. ahead of GMT. Hong Kong Broadcasting Committee, Gloucester Hotel Building. Box 200.

**COLOMBIA**

HJ1ABB "La Voz de Barranquilla," Barranquilla 6.128 & 4.780. Relays HJ1ABA. (s) "La Golondrina" (The Swallow) organ. Elias J. Pellet B., Owner, Apartado 715.

HJ1ABC "La Voz del Choco," Quibdo, Department of Choco 6.000. Government station under direction of the Department of Education. V. Barrios Ferrer, Director.

HJ1ABE "La Voz de los Laboratorios Fuentes," Cartagena 1 kw 4.800 relays HJ1ABF "El Progreso Cartagenero," 1 kw (o) "Song of the Islands." (i) Bugle Call & Chimes. (s) "Aloha Oe," organ. Ricardo Simmonds & Pablo Strong, Announcers. Ramon Mendez V., Director. Antonio. Fuentes L., Owner & Manager. Studios: Calle Universidad 114. Apartado 31.

10-----6 8---10 $\frac{1}{2}$  M  
4.860 HJ1ABE 8.9 $\frac{1}{2}$ 10 $\frac{1}{2}$ -----2 4-----10 $\frac{1}{2}$  MTWTFS

HJ1ABG "Emisora Atlantico," Barranquilla 1 kw 6.040 (o) "Himno Nacional" & "Los Cadetes." (s) "Los Cadetes" & "Himno Nacional." Juan Francisco Soto, Pilin Castro & Marco Zuniga, Announcers. Alfonso Rosales Navarro, Art Director. Andres G. Jimeno, Technical Director. M. A. Blanco, Manager. Andres G. Jimeno & Cia., Owners. Studios: Permanent Exposition of National Products. Plant: Olaya Herrera Suburb. Apartado 674.

HJ1ABP "Radio Cartagena," Cartagena 1 kw 9.616 relays HJ1ABR 600 w 1.400 (s) "Under the Double Eagle," March. (i) Xylophone. Alberto Basmagi, Roberto Troncoso N., and Victor Julio, Announcers. J. Balthazar, Director. Roberto Lequerica, Mgr. Radiodifusora Cartaena, Inc., Owners. Apartado 37.

HJ2ABC "La Voz de Cucuta," Cucuta, Norte de Santander, 750 w 4,787.5 & 9.575 (s) "Dreaming the Waltz Away," organ solo by Jesse Crawford. Luis Maria Diaz Matheus, Announcer. Jose Alejandro Sanchez Cuadros, Managing Director. Pompilio Sanchez Cuadros, Owner. Address: Emisora "La Voz de Cucuta," Cucuta, N. de S., Colombia.

HJ2ABJ "La Voz de Santa Marta," Santa Marta 1.5 kw 4.770. Julio A. Sanchez T., Owner.

HJ3ABD Emisora "Nueva Granada," Bogota (Barrio Olaya) 1 kw 4.841 (s) "Para ti Rio Rita," followed by Colombian National Anthem. Jose Roldan-Castello, Eduardo Nieto Umana & Jorge A. Mora, Announcers. Enrique Ramirez, Director. Roberto Ramirez, Manager. Colombia Broadcasting, S. A., Owners. Studios: Carrera 8a. No. 15-91. Apartado 509. Veries via QRC, announced at 9:35 and 11:30 p. m. EST nightly.

HJ3ABF "La Voz de Bogota," Bogota (ex HKF) 6.070 (s) "Good night, Sweetheart." Interval: 6 chimes. Uribe & Moreno, Owners, Edificio Lievano No. 301. Apartado 312. (Won't verify.)

HJ3ABH "La Voz de la Victor," Bogota 1 kw 4.900 & 1.005 (o) "Serenade from Student Prince in Heidelberg," organ. (i) 3 chimes. (s) "Russian Lullaby," organ. Rafael Valencia A., Announcer. Jesus Maria Garcia, Manager. Manuel J. Gaitan, Owner. Studios: Edificio Lievano 112. Apartado 565.

HJ3ABX "La Voz de Colombia," Bogota 1 kw 6.015 (s) "Indian Love Call" from Rose Marie. (i) Notes of the Colombian National Anthem. Eduardo Ramos, Announcer. C. Rios Hoyos, Managing Director. Voz de Colombia, Inc., and Cipriano Rios Hoyos, Owners. Apartado 2665. (Veri via QRC.)

HJ4ABD "La Voz Catia sobre el Valle del Aburra," Medellin 5.780, 5.900 & 6.138 (s) "William Tell Overture, Part IV." Equipment, studios and offices in City Hall (Palacio Municipal). Luis Emiro Mejia, Managing Director.

HJ4ABE "La Voz de Antioquia," Medellin, Dept. of Antioquia (ex HKO) 1.5 kw 6.145 (s) "Rose Marie," organ. (i) 4 chimes. Gustavo Lopez S. and Mario Jaramillo D., Announcers. Luis Ramos H. Director. Carlos Escobar P., Manager. Compania Colombiana de Radiodifusion, S. A., Owner. Studios & Offices: Carrera Junin No. 52-78.

6.145 HJ4ABE 9½-----2 4-----11 SMTWTFS

HJ4ABP "Emisora Claridad," Medellin 2.5 kw 4.880 relays HJ4ABQ 1320. (s) "Marcha de los Soldaditos de Madera" (Parade of the Wooden Soldiers).

HJ4ABU "Emisora Universidad de Antioquia." Medellin 75 33 57 W 6 15 06 N 4563 ft. alt. (s) Variable at present. Dario Ramirez G., Announcer. Hugo Jimenez A., Technician. Jose J. Sierra C., Director. Clodomiro Ramirez, Rector of the University, Manager. Antioquia University, Owner. Studios: Calle 49, Plazuela da la Universidad. Apartado 217.

8.650 HJ4ABU

7-----10

MTWTFS

HJ5ABD "La Voz del Valle," Cali, Valle 1 kw 6.085.7 relays HJ5ABB 1,150 kc (s) : "Goodnight Melody" by Ted Lewis & Orch. (i) 3 chimes. Samuel Duque & Jorge Mejia, Announcers. Jorge Rivas & Miguel Rivas, Technicians. Eduardo Cordoba, Manager. Eduardo Cordoba, Jorge Rivas & Miguel Rivas, Owners. Studios: Calle 11 Nr. 4-52. (Veries via QRC.)  
6.085.7 HJ5ABD 10-----1 5-----11 SMTWTFS

HJ6ABA "La Voz de Pereira," Pereira, Dpto. de Caldas, 720 w 6.054.3 (s) "Soy de Madrid," schottish, or "Rayito de Luna," pasodoble by the Colombian composer Gustavo Gomez Ardila. Mario Arango & A. Arango, Owners. Studios: C. No. 6 Calles 21-22.  
6.054.3 HJ6ABA 9½-----1 6-----10 SMTWTFS

HJ6ABB "Radio Manizales," Manizales 6.110. Apartado 175.

HJ6ABC "Ecos del Combeima," Ibaque, Tolima Dpt., 1 kw 4.740 (s) "Guabina tolimense." (i) Marimba notes. Announcers various. Mario M. Barrios, Director. Eliecer Quijano, Manager. Lamus & Rivera, Owners. Studios: Calle 9a. 1-18, Departmental Conservatory of Music Building. Apartado 39.

HJ6ABH "La Voz de Armenia," Armenia, Caldas 1 kw 9.520. Relays HJ6ABN 1,363 kc. German Hoyos G., Manager. Hoyos, Gutierrez & Aristizabal, Owners. (Veries via QRC.)

HJ7ABD "Radio Bucaramanga," Bucaramanga, Santander, 9,630 & 1,130 kc. (s) "La Guabina," medley of national airs. Vicente Roberto Cadeno R., Manager. Radio Bucaramanga, Inc., Owners. Apartado 34.  
9.630 HJ7ABD 11----1 6-----10½ 7½--9½ MTWTFS  
S

HJU "La Voz del Pacifico," Buenaventura 1 kw 9.510 (s) "Palmira" March. Alberto Pinzon Neira, Station Manager. Pacific Railway, Owner. (Veri via QRC.)

### COSTA RICA

TI-EP "La Voz del Tropico," San Jose 500 w 6.690 (s) "Under Hawaiian Skies." Eduardo Pinto Hernandez, Owner. Apartado 257.

TI-GPH "Alma Tica," San Jose 1.5 kw 5.830. Gonzalo Pinto Hernandez, Owner and Operator. Apartado 800.

TI2LC Radio "Daisy," San Jose 150 w 40 m. (i) Each half hour. Luis F. Castro B., Owner & Operator. Studios: C. 3 av. 16/18. P. O. Box 1180.  
7-----12 SMTWTFS

TI-LS—Radioemisora "Para Ti" (For Thee) San Jose 5.905 & 880 (o) "Washington & Lee Swing." (s) "Adios, mi Chaparrita" (Farewell, My Little One). Luis J. Saenz, Operator. Apartado 3.

TI-MC Estacion "Cultura," San Jose 5.230. M. L. Coronado, Owner.

TI-OW "Ondas del Caribe," Puerto Limon 400 w 6.850. Frank Wimmer, Operator & Announcer. Otto F. Wimmer, Owner. Apartado 45.

TI-PG "La Voz de la Victor," San Jose 1 kw 6.410 relays TIPG 2 kw 625 kcs (s) "Mi Teniente," (My Lieutenant) March. Perry Girton, Owner & Operator. Apartado 225.

TI-RCC "Radioemisora Catolica Costarricense," San Jose 500 w 6.550 relays TIAC 500 w 1,200 (s) "The Lost Chord." (i) 4 bells. Amando Cespedes Marin (TI4NRH) Engineer & Announcer. Monsenor Dr. Carlos Borge C., Director. "La Soledad" Church. Apartado 1064.

TI-VL "La Voz del Morazan," San Jose 7.000.

TI-XGP3 Estacion "X" La Reina del Aire, San Jose 1 kw 5.830. Gonzalo Pinto Hernandez, Owner and Operator. Apartado 800.

TI-4NRH Heredia 100 w 9.670. Amando Cespedes Marin, Engineer & Director. Amando Cespedes junior, Operator. Lidylia Cespedes Arias, Secretary. Apartado 40.

9.670 TI4NRH 7.8 9-10 S T T S  
6.7 W

TI5HH "La Voz de San Ramon, San Ramon 200 w 5.500. R. Herrera O., Mgr. Herrera Hermanos (Herrera Brothers), Owners.

TI-8WS "Ecos del Pacifico," Puntarenas 120 w 6.365 (s) 'San Lorenzo' March. Abel Salazar F., Owner. Apartado 75.

### CUBA

CO-BC "El Progreso Cubano," Habana 1 kw 9.960 relays CMBC 630. kc (s) "Morir Sonyando" (To Die Dreaming) Waltz. Adalberto Fernandez and Antonio Estruch, Announcers. Ovidio Fernandez, Director. Manuel Fernandez, Manager. Domingo Fernandez, Owner. Studios: Maximo Gomez 139. Apartado 132.

CO-BX "De los Talleres de Radio Alvarez," Habana 500 w 9.200 relays CM-BX 500 w 1,070. (s) "El Manisero" (The Peanut Vender). Adolfo Ulloa, Announcer. Alberto Alvarez, Owner. Studios: San Miguel 194, altos.

CO-BZ Radio "Salas," Habana 250 w 9.030 relays CMBZ 1,000 kc (s) "Popular Melodies accompanied by Nightingales and Canaries, Reich's Aviary. Bremen," Victor record V-1-B. (i) 4 Chimes. Jose Alberto Iniguez, Juan M. Tabares and Enrique R. Hernandez, Announcers. Manuel & Guillermo Salas, Owners. Studios: San Rafael 14. Apartado 866.

COCA Habana 100 w 9.100 relays CMCA 250 w 1,350 kc. Alec Kinghorn, DX Announcer. Testar & Gonzalez, Owners. Studios: Galiano 120.

9.100 COCA 8-----12 SMTWTFS

CO-CD "La Voz del Aire," Habana (Vedado) 250 w 6.130 relays CMCD (o) "In a Clock-Store." (s) "Goodnight Melody." J. Benitez, Manager. Studios: Hotel Palace, Calle 25 y G., Vedado. Apartado 2,294.

CO-CH "General Electric," Habana 5 kw 9.437 relays CMCF. (s) "Las Golondrinas" (The Swallows). (i) Gong thrice. A Zayas Bazan, Director. Leonardo Cano, Manager. General Broadcasting Co., Owner. Studios: Prado 9, altos. Apartado 41.

9.437 COCH 8-----12 SMTWTFS

CO-CM Habana (Vedado) 1 kw 9.833 relays CMCM 1 kw 850 kc (s) "Uno B C" March. M. Acebal, G. Tremble, Mario de Luna and J. Agüero, Announcers. Ventura Montes, Technician. Dr. Rodolfo Garcia Navarro, Director. Studios: Calle 23, No. 1216, Vedado. Apartado 33.

9.833 COCM 8-----12 SMTWTFS

CO-CO Habana 2.5 kw 6.010 (s) "Caribe," Waltz. (i) Three musical notes: D flat, C and A flat. Ernesto Casas Rodriguez, Announcer. Luis Casas, Jr., Technical Director. Luis Casas Romero, Manager. Luis Casas & Sons, Owners. Studios: San Miguel 86, altos. Apartado 98.

CO-CQ "De la Crema Dental Colgate y el Jabon Embellecedor Palmolive," Habana (Aldecoa) 9.740 relays CMQ "Del Jabon Candado" 25 kw 880 kcs (s) "Siboney." Angel Cambo, Director. Miguel Gabriel, Manager. Cambo & Gabriel, Inc., Owners. Studios & Offices: Monte y Prado.

CO-CU Habana (La Vibora) 6.590 & 9.950 relays CMCU 1,290 kc/s (s) "Ondas del Danubio." Raul Pacheco, Panchito Pazos, Alvarez Noguerola, Announcers. Roberto Garcia Serra, Manager. Jorge Garcia Serra, Owner. Plants: Estrada Palma y F. Poey. Studios: Estrada Palma No. 25, La Vibora.

COCW "La Voz de las Antillas," Habana 200 w 6.330 (s) "Estrellita" or Little Star, organ. (i) 3 Chimes. V. Gonzalez, F. Fernandez, C. Irigoyen, P. Medina, Announcers. A. Gil, Technical Director. M. Troncoso and A. Gil, Managers. Adolfo Gil Izquierdo, Owner. Studios: Paseo de Marti, 105, altos. Apartado 130.

CO-CX Habana (Carretera de Guanabacoa) 1 kw 11.450 relays CMX "Cigarros y Tabacos La Corona y la Pasta Gravi" 920 kc (s) "Good Night, My Love," and "Pajarillo Barranqueno." Mario Viera, Juan Dominguez and Ramon Menendez, Announcers. Gilberto Lavin, Manager. Francisco Lavin, Owner and Director. Studios: Av. Simon Bolivar 76, altos (antes Reina). Apartado 32.

11.450 COCX 8-----1 MTWTFSS  
8-----12 S

CO-GF "Ecos del Valle del Yumuri," Mantanzas 1 kw 11.800 relays CMGF 250 w 1,120 kc (s) "Vals Diana." Luis Villabella (English), Miguel A. Diaz del Castillo & Eusebio Valls (Spanish) Announcers. Dr. Salvador de la Torre, Manager. Bernabe R. de la Torre, Owner & Director. Studios: General Betancourt 51 (Playa).

11.800 COGF 8-----10 MTWTFSS  
9-10 S

CO-HB Sancti-Spiritus, Santa Clara Province, 2 kw 6.280 relays CMHB 1240 (s) "La Traviata" (Brindis or Drinking Song). (i) 4 strokes of a gong. Adolfo Rubio and Ernesto Gonzalez, Announcers. Ortelio Ramirez Isla, Director. Vicente Weiss Arias, Manager. Vicente Weiss & Ortelio Ramirez, Owners. Studios: Serafin Sanchez No. 3. Apartado 85.

CO-JK del Radio Zenith, Camaguey 1 kw 8.665 relays CMJK de El Camagueyano (newspaper) 780 kc (i) 3 tone gong. Vincent P. Jones, English Announcer. Juan B. Castrillon, Manager. Frank H. Jones, Owner. Studios: Finlay 3, Altos.

CO-KG "Emisoras Grau," Santiago de Cuba (Loma de Quintero) 2.4 kw 8.935 relays relays CMKG 1.2 kw 1,160 kc (s) "La Conga." (i) Gong thrice. Juanito Tremble and Mrs. Marilu, Announcers. Manuel Grau Medina, Technician. Emilio Grau Medina, Manager. Grau Brothers, Owners. Studios: Sagarra alta, 26. Apartado 137.

8.935 COKG 8-----12 SMTWTFSS

CZECHOSLOVAKIA

OLR "The Czechoslovak Short Wave Station," Prague (Podebrady) 24.34 kw (i) Melody from Dvorak's New World Symphony on hunter's horn. (s) Bells from St. Vitus Cathedral at Praha (recording). Announcers: Leslie Hill, English; J. Durdil Richard, Czech; J. Horvath, Slovak. Ing. Svoboda, Director. Bohuslav Tvrdy, Manager. Equipment government owned under direction of Ministry of Posts & Telegraphs. Radio-journal (Czechoslovak Broadcasting Corp.) Concessionaire, Operators. Studios & Offices: Praha XII, Fochova 16.

6.010 OLR2A	9.504 OLR3B	11.840 OLR4A	15.160 OLR5C
6.030 OLR2B	9.550 OLR3A	11.875 OLR4C	15.230 OLR5A
6.115 OLR2C	11.760 OLR4B	11.900 OLR4D	15.320 OLR5B
			21.450 OLR6A



Hear More  
Short Wave Stations  
with RCA  
**SPIDER-WEB  
ANTENNA!**

Typical RCA Spider-Web Antenna installation shown above. Note small space required. This antenna is the trans-oceanic communications type—Stock No. 9685, list price \$8.95. Its frequency coverage can be increased to 70,000 kilocycles by adding RCA High Frequency "D" Band Kit—Stock No. 9689, list price \$1.50.

HERE'S an antenna that makes it easy for you to tune those "hard-to-get" stations! The RCA Spider-Web Antenna System gives excellent signal pickup over a frequency range from 140 to 23,000 kilocycles.

A unique multiple doublet provides greater signal pickup in every receiving band—assuring you more short wave stations.

Noise reduction is another RCA Spider-Web Antenna feature. Pick-up

on short-wave band lead-in is eliminated, greatly reducing static caused by oil burners, fans and other similar electrical interference.

This antenna can be erected in a very small space—is easy to install. Its sturdy construction provides sufficient strength to withstand the most severe weather conditions. Completely assembled at the factory, it is yours at surprisingly low cost. Enjoy the additional short wave pleasure this antenna provides—today!



*Parts*

**RCA MANUFACTURING CO., Inc.**

CAMDEN, N. J.

A Service of the Radio Corporation of America





BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
6.130	48.94	Habana	COCD														SMTWTFSS
6.130	48.94	Halifax	VE9HX	5 $\frac{1}{2}$							10						SMTWTFSS
6.130	48.94	Georgetown, B. G.	VP3BG	6 $\frac{1}{2}$	8 $\frac{1}{2}$						4 $\frac{1}{2}$	6 $\frac{1}{2}$	10				SMTWTFSS
6.140	48.86	Pittsburgh	W8-XK								3 $\frac{1}{2}$	7 $\frac{1}{2}$					SMTWTFSS
6.145	48.52	Medellin, Colombia	HJ4ABE	9 $\frac{1}{2}$							2	4					SMTWTFSS
6.150	48.78	Winnipeg	CJRO								3	4					SMTWTFSS
6.150	48.78	Santiago	HI-5N	6 $\frac{1}{2}$	7 $\frac{1}{2}$						11 $\frac{1}{2}$	1 $\frac{1}{2}$	5 $\frac{1}{2}$	8	12		SMTWTFSS
6.158	48.72	Caracas, Venezuela	YV5RD	10 $\frac{1}{2}$							3 $\frac{1}{2}$	4 $\frac{1}{2}$					SMTWTFSS
6.174	48.59	Mexico City	XE-XA	8 $\frac{1}{2}$							2 $\frac{1}{2}$	4 $\frac{1}{2}$	7				SMTWTFSS
6.180	48.54	Guatemala City	TC-2								6	6					SMTWTFSS
6.190	48.47	Santiago	HI-1A	7							11	3	8				SMTWTFSS
6.206	48.34	Trujillo City, D. R.	HI-8Q	8 $\frac{1}{2}$							10 $\frac{1}{2}$	2 $\frac{1}{2}$	4 $\frac{1}{2}$	5	6 $\frac{1}{2}$	9 $\frac{1}{2}$	SMTWTFSS
6.210	48.31	Coro, Venezuela	YV1RI								11 $\frac{1}{2}$	12 $\frac{1}{2}$					SMTWTFSS
6.230	48.15	Valera, Venezuela	YV1RC								5 $\frac{1}{2}$	7	8 $\frac{1}{2}$	10			SMTWTFSS
6.235	48.11	La Ceiba	H R D								11 $\frac{1}{2}$	12 $\frac{1}{2}$					SMTWTFSS
6.243	48.05	Trujillo City, Dom Rep.	H I N								12	2 $\frac{1}{2}$	4 $\frac{1}{2}$	5 $\frac{1}{2}$	10		SMTWTFSS
6.250	48.00	Caracas, Venezuela	YV5RJ	10 $\frac{1}{2}$							12 $\frac{1}{2}$	2 $\frac{1}{2}$	4 $\frac{1}{2}$	5 $\frac{1}{2}$	10 $\frac{1}{2}$		SMTWTFSS
6.270	47.85	Caracas, Venezuela	YV5RP	6 $\frac{1}{2}$							10 $\frac{1}{2}$	12 $\frac{1}{2}$	2 $\frac{1}{2}$	4	9	10 $\frac{1}{2}$	SMTWTFSS
6.280	47.77	Trujillo City	H I C	7							9	10					SMTWTFSS
6.280	47.77	Sancti-Spiritus	CO-HB	9	10						12 $\frac{1}{2}$	2 $\frac{1}{2}$	4	7	9	11	SMTWTFSS
6.300	47.62	Lima, Peru	OAX4C								7	7					SMTWTFSS
6.300	47.62	Maracay, Venezuela	YV4RD								4	4					SMTWTFSS
6.316	47.50	Trujillo City	H I Z								11 $\frac{1}{2}$	2 $\frac{1}{2}$	5	6 $\frac{1}{2}$	8	9 $\frac{1}{2}$	SMTWTFSS
6.330	47.39	Habana, Cuba	CO-CW	7							11 $\frac{1}{2}$	2 $\frac{1}{2}$	5	6 $\frac{1}{2}$	10		SMTWTFSS
6.335	47.35	Chiclayo, Peru	OAXIA								8	8					SMTWTFSS
6.340	47.32	Trujillo City, D. R.	HI-1X	7 $\frac{1}{2}$							10 $\frac{1}{2}$						S T F
6.360	47.17	Maracaibo	YV1RH								2 $\frac{1}{2}$	4					SMTWTFSS
6.365	47.14	Puntarenas, Costa Rica	TI8VS	6 $\frac{1}{2}$	7 $\frac{1}{2}$						11	11					SMTWTFSS
6.375	47.06	Caracas, Venezuela	YV5RF	6 $\frac{1}{2}$	7 $\frac{1}{2}$						10 $\frac{1}{2}$	1 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$	10 $\frac{1}{2}$		SMTWTFSS
6.380	47.02	St. Kitts, B. W. I.	VP2LO								10	10 $\frac{1}{2}$					SMTWTFSS
6.383	47.02	La Vega, D. R.	HI-8J								7 $\frac{1}{2}$						W
6.400	46.88	Caracas, Venezuela	YV5RH	8 $\frac{1}{2}$							11	5 $\frac{1}{2}$					SMTWTFSS







BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs. Mts.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
11.705 25.64	Motala, Sweden	S B P	6	6	9	11	12	1	2	3	1	2	3	1	2	MTWTF S
11.718 25.60	L. Marques, P. E. A.	CR7BH	3	5	7	10	12	4								S
11.720 25.60	Winnipeg	CJRX	4 $\frac{1}{2}$	6 $\frac{1}{2}$	9	11	12 $\frac{1}{2}$	3	6	10	12	1				S
11.730 25.58	Boston, Mass	W1XAL	3 $\frac{1}{2}$	5 $\frac{1}{2}$	9	12 $\frac{1}{2}$	12	6	6 $\frac{1}{2}$	8 $\frac{1}{2}$	9 $\frac{1}{2}$	11 $\frac{1}{2}$				S
11.750 25.53	London	G S D														S
11.760 25.51	Guatemala City	TGWA														S
11.770 25.49	Berlin	D J D	7	7 $\frac{1}{2}$	10 $\frac{1}{2}$	12 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$	5 $\frac{1}{2}$	10 $\frac{1}{2}$	12 $\frac{1}{2}$	1 $\frac{1}{2}$				S
11.800 25.42	Tokio, Japan	J Z J	8	8 $\frac{1}{2}$	9 $\frac{1}{2}$	12 $\frac{1}{2}$	6	6	6 $\frac{1}{2}$	10	12	1				S
11.800 25.42	Matanzas, Cuba	CO-GF														S
11.801 25.42	Vienna, Austria	OER-3	5	9	10	12 $\frac{1}{2}$	5	5								S
11.810 25.40	Rome	I2RO4	5	8 $\frac{1}{2}$	10	12	4	4								S
11.820 25.38	Hermosillo, Sonora	XE-BR														S
11.830 25.36	New York	W2-XE														S
11.840 25.34	Prague, Czechoslovakia	OLR4A														S
11.870 25.27	Pittsburgh	W8-XK														S
11.885 25.24	Paris	TPA-3														S
11.900 25.21	Mexico City	XE-WI	5	11 $\frac{1}{2}$	12 $\frac{1}{2}$	2	3	4	6	7	10	12	2			S
11.900 25.21	Valdivia, Chile	CD-1190														S
11.960 25.08	Trujillo City, D. R.	HI-2X														S
12.005 25.00	Moscow	R NE														S
12.235 24.52	Resykjavik	T F J														S
13.633 22.00	Warsaw	S P W														S
14.535 20.64	Geneva, Switzerland	HBJ														S
14.970 20.04	Sofia, Bulgaria	L Z A	5	6 $\frac{1}{2}$	10 $\frac{1}{2}$	11 $\frac{1}{2}$	5	5	6 $\frac{1}{2}$	8 $\frac{1}{2}$	11 $\frac{1}{2}$	1				S
15.110 19.85	Berlin	D J L	5	6 $\frac{1}{2}$	11 $\frac{1}{2}$	2 $\frac{1}{2}$	4	4	5	6 $\frac{1}{2}$	11 $\frac{1}{2}$	1				S
15.121 19.84	Vatican City	H V J	5	6 $\frac{1}{2}$	11 $\frac{1}{2}$	2 $\frac{1}{2}$	4	4	5	6 $\frac{1}{2}$	11 $\frac{1}{2}$	1				S
			8	9	10 $\frac{1}{2}$	10 $\frac{1}{2}$	4	4	6	8	9	10	12	2		S

BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
15.140	19.82	London	G S F	3 1/2--5 1/4													SMTWTFSS SMTWTFSS MTWTFSS
15.155	19.79	Stockholm, Sweden	SM5SX										12				S SMTWTFSS SMTWTFSS
15.170	19.77	Guatemala City	TG-WA										12 1/2 1/2				S SMTWTFSS SMTWTFSS
15.180	19.76	London	G S O	3 1/2--5 1/4									5				S SMTWTFSS SMTWTFSS
15.200	19.74	Berlin	D J B										4 1/2 6				S SMTWTFSS SMTWTFSS
15.210	19.72	Pittsburgh	W8-XK										11 1/2 12 1/2				S SMTWTFSS SMTWTFSS
15.220	19.71	Hilversum, Holland	P C J	3 1/2--5													S SMTWTFSS T W
15.230	19.70	Prague, Czechoslovakia	OLR5A				6.7 1/2						12				S SMTWTFSS SMTWTFSS
15.243	19.68	Paris	TPA-2				6 1/2 7 1/2										S SMTWTFSS SMTWTFSS
15.250	19.67	Boston	W1XAL														S SMTWTFSS SMTWTFSS
15.250	19.66	London	G S J										12 1/2				S SMTWTFSS SMTWTFSS
15.270	19.65	New York	W2-XE										1 2 3 4 5 6				S SMTWTFSS SMTWTFSS
15.280	19.63	Berlin	D J Q				5 3/4 6						4 1/2 4 1/2				S SMTWTFSS SMTWTFSS
15.290	19.62	Buenos Aires, Arg.	L R U				7--9						11 1/2 12 1/2				S SMTWTFSS SMTWTFSS
15.310	19.60	London	G S P														S SMTWTFSS SMTWTFSS
15.320	19.58	Prague, Czechoslovakia	OLR5B				6.7 1/2						1 1/2 4				S SMTWTFSS SMTWTFSS
15.330	19.56	Schenectady	W2XAD										12 1/2				S SMTWTFSS SMTWTFSS
15.340	19.55	Berlin	D J R				8-9						4 1/2 7				S SMTWTFSS SMTWTFSS
15.370	19.52	Budapest	WAS-3										4 1/2 7				S SMTWTFSS SMTWTFSS
17.760	16.89	Berlin	D J E				5 3/4 6						8 1/2 10 1/2				S SMTWTFSS SMTWTFSS
17.770	16.88	Huizen, Holland	P H J				7 1/2						10 1/2 12 1/2				S SMTWTFSS SMTWTFSS
17.780	16.87	Bound Brook	W3XAL				8 1/2 9						6 1/2 7 9				M TFS SMTWTFSS SMTWTFSS
17.790	16.86	London	G S G	3 1/2--5 1/4													S SMTWTFSS SMTWTFSS
18.480	16.23	Geneva, Switzerland	HBH										12				M SMTWTFSS SMTWTFSS
19.020	15.77	Bangkok, Siam	HS8PJ				8						10 1/2 11 1/2				S SMTWTFSS SMTWTFSS
21.440	13.99	Zeesen, Germany	D J S										11				M SMTWTFSS SMTWTFSS
21.470	13.97	London	G S H				5 3/4						12				S SMTWTFSS SMTWTFSS
21.500	13.91	Schenectady, N. Y.	W2XAD				8						12				S SMTWTFSS SMTWTFSS
21.520	13.94	New York	W2-XE				8						12				S SMTWTFSS SMTWTFSS
21.530	13.93	London	G S J				7 1/2						10				M SMTWTFSS SMTWTFSS
21.540	13.93	Pittsburgh	W8-XK				5 3/4 6 1/2						9				S SMTWTFSS SMTWTFSS

## ROLLING OFF A LOG

There is pleasure in logging new stations for it is not unlike a game. The pleasure is intensified—it is more exciting and alluring—if a score be kept for the spirit of contest then enters into the game. With this thought in mind, the QRC devised a plan which embraces all the enjoyable features of a contest, inclusive of prizes, but is distinctly not a contest for it is devoid of chance. You are absolutely certain of winning your prize, and as many of them as you may care to win. There are no losers. Using QRC forms, obtainable at 90 for 9 cents, post-paid, the object is to log 30 different shortwave *broadcast* stations, 10 times each—a total of 300 reports. This entitles you to a prize valued not in excess of 75 cents, such as a National Geographic Society map, on linen, or, for instance, you may add 50 cents and receive an Amateur Call Book. For each additional 30 stations logged ten times, you may select an additional prize.

You may tune at your pleasure, there being no appointed time, but at least an hour should elapse before again logging the same station. Reports should be on shortwave *broadcast* stations only; not point-to-point relays, telephone circuits, special services nor amateurs. By "broadcast" is meant entertainment for reception by the general public. A musical selection or an advertised product, by name, is a sufficient log. Unless in the station's own language, a longer log is not desirable. Reports may be sent the QRC monthly or oftener, at your convenience, each accompanied by a half cent, of which a quarter cent applies toward the prize to be selected by you upon completing 30 stations, ten times each, and the remainder is for forwarding postage. Reports are forwarded by the QRC to the respective stations upon assembly from all sources of a mailing unit. If the postal rate is 3 cents, 15 reports for the same address constitute a mailing unit, or if 5 cents, 25 reports. This is the Connoisseur Plan—a privilege reserved for the exclusive enjoyment of QRC members.

The verification of any Connoisseur Report (Dime Veri stations excepted) will be requested for you if you mark it with a "v" in the left-hand margin and deposit 6 cents additional ( $6\frac{1}{2}$  cents in all). You have no letter of request to write the station as this the QRC does for you. In requesting your veri, the QRC offers the station a copy of the REPORTER in lieu of reply postage. If no veri is forthcoming, no REPORTER is sent, 5 cents of your deposit being refunded you. This enables the QRC to guarantee "your verification or your money back." For accounting purposes these veries are requested sent by the stations to the QRC for delivery.

**EASTER  
GREETING**



10 CENTS

OCTOBER

# SHORT WAVE REPORTER



BROADCAST SCHEDULES  
TELEGRAPH FREQUENCY MARKERS  
NEW STATIONS AND STATION NEWS



## VERI ASSURANCE

"Listeners in the United States and Canada who may desire the verification card of this station will please send a correct report with a dime and three cents postage to the Quixote Radio Club, Box 772, Santa Barbara, California." This is the usual closing announcement of the stations listed below, each of which has given absolute assurance that all such requests forwarded via the QRC will be instantly honored.

Having advised listeners of the manner in which their cards may surely be obtained, the inference is clear. These stations are then morally under no obligation whatsoever to grant requests not forwarded in this manner. Request verifications of these stations through the QRC and you are certain to receive them, but fail to pursue the course indicated and you will have no just cause for complaint at non-receipt.

This arrangement is advantageous both for the listener and for the station. While affording the listener protection against loss, it also yields the station a more ample contribution toward the postal and clerical expense of issuing a verification. Reply coupons costing nine cents yield at most five cents, but never insure a reply. In some countries they have no value whatever, their acceptance by the postal authorities being optional. The stations at present cooperating under this accord are the following:

### DIME VERI STATIONS

5.755 YV2RA	San Cristobal, Ven.	Jesus M. Diaz G., Propietario
5.885 HI-9B	Santiago, Rep. Dom.	J. L. Sanchez, Jr., Director
6.015 HI-3U	Santiago, Rep. Dom.	Moises Franco Franco, Director
6.030 XE-BQ	Mazatlan, Mexico	Alejandro A. Schober, Gerente
6.085 HJ5ABD	Cali, Colombia	Jorge E. Rivas, Gerente
6.122 HJ3ABX	Bogota, Colombia	C. Rios Hoyos, Gerente
6.150 HI-5N	Moca, Rep. Dom.	J. B. Curiel, Propietario
6.325 YN-LG	Managua, Nicaragua	Benjamin J. Guerra L., Manager
6.360 YV1RH	Maracaibo, Ven.	G. Nouel, Director Tecnico
6.630 H I T	Ciudad Trujillo, D. R.	F. A. Sanabia, Manager
6.668 HC2RL	Guayaquil, Ecuador	Dr. Roberto Levi, Manager
9.300 YN-GU	Managua, Nicaragua	Miss Matilde Haydee Diaz, Dir
9.330 OAX4J	Lima, Peru	Antonio Vazquez P., Gerente
9.500 H J U	Buenaventura, Col.	Alberto Pinzon Neira, Gerente
9.520 XE-DQ	Guadalajara, Mex.	Mario E. Bozzano, Manager
9.550 XE-FT	Veracruz, Mexico	Jose Rodriguez Lopez, Gerente
11.700 CB-1170	Santiago, Chile	Luis M. Desmaras, Gerente
15.440 XE-BM	Mazatlan, Mexico	Jose F. Azcona, Gerente

Your card, requested via the QRC, will be mailed by the station direct to you.

(See Inside Back Cover)

# Short Wave Reporter



## HEAR THE SWISS!

Next to Daventry, the European relay best heard on the Pacific Coast is perhaps that of Geneva each Saturday afternoon. Between these points there is a difference of nine hours time—and no little space. While listeners in the east may hear this station so consistently that it lacks novelty, it should be borne in mind that, in point of time, west coast listeners are as far removed from Geneva as eastern listeners are from Australia. A signal affording program value from so great a distance has not yet become commonplace.

The program for Swiss nationals resident abroad is scheduled for Saturday afternoons from 3:45 till 6 p. m. PST over HBJ 14.535 beamed on North America, and HBO 11.402 using a simple horizontal wire or omni-directional antenna. The efficiency of the beam is readily noticeable for HBJ affords by far the stronger signal. Success may also be due in part to the higher frequency which, in the late afternoon, favors reception on the Pacific Coast.

There exists the probability that, with the changing of the season and especially the approach of Arctic Night, this broadcast may develop the flutter characteristic of distant reception over intervening land. In the east, this flutter is described as characteristic of Australian reception, although not always present, while in the west the same may usually be said of European reception. Absence of this flutter at present from the wave of HBJ may be exceptional, but in any event it is remarkable. When a path of daylight favorable to the higher frequencies is no longer present over the polar regions, this transmission may go the way of all such frequencies and be lost in the dark.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.

10 cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1937 by E. J. Shields, Chats.  
Advertising accepted of reputable firms only. Rates on application.

With European signals so strong in the east, listeners there might well wonder why they should not be heard everywhere. However, in summer western listeners are favored only by the higher frequencies late in the afternoon, while in winter the strongest European stations are heard for a brief hour after sunrise well enough for identification only. Since American relay stations have gone "international" with antennae beamed abroad, we of the west have little other than *shamisen* songs to soothe our savage breast.

#### ANGOLA

Sr. Alvaro de Carvalho, Owner & Operator of Short Wave Broadcasting Station CR6AA at Lobito Bay, has increased the power of his station from 1500 to 1750 watts and now broadcasts daily on a frequency of 7,177 kc instead of Wednesdays and Saturdays only as heretofore. The frequency of 9,666 kc was irregularly used but has been discontinued. Sr. de Carvalho does not state the hours of the daily broadcast, so we must assume these to be unchanged as indicated in our Schedule.

#### CANARY ISLANDS

Radio Station EAJ43 whose commercial call is EHZ, used by Radio Club Tenerife of Santa Cruz for the broadcasting of insurgent propaganda on a frequency of 10,370 kc., has on occasion relayed programs of the International Broadcasting Station at Barcelona, giving rise to the belief that EAJ43 had been displaced. For identification aids, please see Station Data section.

#### CHILE

As the static clears, DXers may believe they have discovered a new station at 9.640 and it seems a shame to disappoint them by reporting this to be our old friend CB960 Radio "Pilot" of Santiago. Until it shall have been ascertained that the change is permanent, we are not altering our records.

As announced by the QRC last month, station CB-1170 of Santiago made its appearance in September and is heard with a clear strong signal, at least on the Pacific Coast, relaying CB-89. Due to a slight deviation from the assigned frequency, which may be corrected momentarily, eastern listeners may find serious interference from the slopping over of DJD 17.-770, CB-1170 being found on 17.760 sandwiched between DJD and GSD 17.750. Announcements are in Spanish only, the title "Radio Service" not being in evidence. The new title thus far escapes us, but announcements are usually as follows: "CB ochentainueve y CB once sententa, Emisoras . . . de Santiago, las broadcasting populares para toda la America." At 11 p. m. EST they sign off 'till 10 a. m. EST the following morning. Chile observes perpetual daylight saving time which is one hour ahead of EST. Before

leaving the air the night of September 16, this station announced the hour of midnight and the beginning of festivities in celebration of Independence Day September 17.

Meanwhile CB-1190 Valdivia continues on 12.010 under a barrage of code, principally "ibd", excepting Sundays when some of the code stations condescend to take a holiday. The name of the station is frequently announced. Sounds like "Radio Sur," but might be anything else. Address seems to be Casilla 642, Valdivia, but the number could be in error. Until a favorable moment occurs, the code would seem to have us stymied. One thing is certain—the call is unmistakably CB-1190, not CB-1109 as widely published.

### CHINA

Early in September, Nanking discontinued the relay of XGOA over XGOX 6.820, switching to a frequency of 9.590 with a call that appears to be XGRX. If anyone should claim the announcer had said XJRX, we should not dispute it. In any event until 8:30 a. m. EST, eastern listeners probably hear it only as a heterodyne of VK6ME Perth, if indeed both stations have not completely faded out by that time. On the west coast, XGRX is heard at peak about 45 minutes after sunrise, rapidly tapering off thereafter until well "down in the mud" by 7:30 a. m. PST. A carrier hum is quite noticeable and static sets up a strong bombardment, lending a realistic atmosphere to discourses presumably on the international situation. This presumption is based entirely upon what appears to be the oft repeated view of the Chinese: "foeey foeey." Before the change in frequency a period of news in English used to be given by a lady, but this may no longer be heard for VK6ME effectively blots out the broadcast till 8:30 a. m. EST, at which time 6ME yields the channel to XGRX.

### COSTA RICA

For some months past, listeners have reported an unknown Costa Rican station in the vicinity of 5,813 kc., identification having been imperfect. Many and varied were the calls reported. Summer static has been so rife on this section of the spectrum that a check has not been attempted, but we have a deep suspicion that the stranger may prove to be TI-GPH2. In the past this announcer was observed to run the letters of his call together as if it were a single word: "gephache." Listeners were in accord only with respect to the "ache." Should our surmise prove correct, the address will be Apartado 800, San Jose de Costa Rica, C. A.

### CUBA

Still another Cuban station is reported testing near 9,195 kc: COBX of Habana relaying CMBX 1,060 kc. The owner is believed to be A. Alvarez, and the station address: San Miguel 194. When official information is available it will be listed in our Station Data section.

**DENMARK**

In verifying the report of a QRC member, the management of Radio Denmark adds: "From September 6th, however, we suppose there will be established permanent transmissions daily between 1900 and 2345 G.M.T. with antennas directed to South America and East Asia in the first half of the time and to North America and Greenland in the second half (from about 2115 G.M.T.); for the present the frequency 9520 kcs (31.51), call letter OZF, also will be used for these transmissions."

The call for the frequency of 11.805 mc was not stated and may not yet have been assigned.

**ECUADOR**

The reported reception of station HCJB "La Voz de los Andes," of Quito, sometimes announced as HCJB "Jones Broadcasting," on a new frequency of 8,846 kc indicates the return of this popular station to a frequency more favorable to distant reception. The installation of a new transmitter had been planned in time for its inauguration last Christmas and let us hope this plan may now come into fruition.

**JAPAN**

News in English of the "Chinese incident" (as it has been officially designated by Japan) may be heard daily at 7:45 a. m. EST over station JDY Dairen 9.925. Fifteen minutes later the speaker suavely concludes with the announcement that he'll return at the usual time upon the morrow, "a quarter to ten." JMT being 14 hours ahead of EST, calculation more or less rapid reveals the corresponding EST to be "a quarter to eight" ante meridian. Pacific Coast listeners whose slumber may hold them impervious to the lure of "whispers in the dark" will find the news period over JIB Tyureki 10.530 two hours later a more wakeful hour. Here a lady holds forth, the relay having its origin in the studios of JFAK Broadcasting Station at Taihoku, Taiwan (formerly Formosa). In parallel with JIB, this broadcast is relayed simultaneously by an unknown station near 9.640. Not having forsaken our repose in the observation of it, we intimated last month that this might be a spurious wave, but that it is a separate station is evidenced by the fact that it is active for several hours before being joined by JIB. The only clue to its identity, intelligible to the Anglo Saxon ear, is the call "JFAK" twice repeated in the wake of seven tinkling chimes, but this is the call of the broadcast station at Taihoku. Occasionally Tokio is relayed as well, the relay station presumably being an associate of JIB at Tyureki in the vicinity of Taihoku, Taiwan.

As JVN relays are not intended for foreign reception, they are not shown in the QRC Broadcast Schedule. Nor can we list irregular broadcasts such as JZL 17.780 (the same frequency as that used by W3XAL Bound Brook) the purpose of which is to acquaint the world with Japan's cultural activities.

### JAVA

Many listeners are aware that not long ago station YDB of Soerabaia changed its frequency from 9,650 to 9,550 kc and that, shortly thereafter, stations carrying the same program were heard on both frequencies. The explanation is that, following the change of YDB, station YDA of Batavia, with 10 kw power, tested on 9,650 for some weeks on alternate odd days only. It having been found that YDA's frequency of 3,040 kc better served local territory, these tests have been discontinued. Despite the stated power of 10 kw, the reception in North America of YDA was vastly inferior to its sister station PMH of Bandoeng on 6,720 rated at only 1½ kw.

A special program organized by the International Broadcast Union of Geneva will originate in the Netherland Indies October 27 and be relayed from 8 till 8:30 a. m. PST by the NIROM stations and also certain of the Government telephone stations: PLE 18.830, PMA 19,345, PLV 9.415 mc., and PLG, a new station on the 19 meter band with frequency as yet unassigned. The hour is stated in Pacific Standard Time because reception with program value in the east is doubtful.

### MARTINIQUE

The return of Radio Fort-de-France to the air has been reported on a new frequency near 9,680 kc and with improved signal indicative of a new transmitter. Messrs. Edouard Boullanger Sons, the owners and operators, are to be congratulated. Broadcasts are usually from 6:30 till 7:30 p. m. EST, opening and closing with the French National Anthem, "La Marseillaise."

### MEXICO

Announcing merely as the Radiodifusora del Pueblo, or Radiodifusora Cultural del Partido Nacional Revolucionario of Guadalajara, Jalisco, Republica de Mexico, testing on a provisional frequency of 7,100 kc—"banda de 40 metros"—a new station has been heard calling colleagues in Mexico City, Mazatlan, Central America and other points, dedicating musical selections, political speeches and what not. No call letters were used. Reports were requested addressed to Avenida Madero 210.

### NICARAGUA

Miss Matilda Haydee Diaz, Owner & Operator of Station YNGU "Alma Nica" of Managua, most courteously acquaints the QRC with data relative to her unique station. Identification aids are summarized below. When submitted through the QRC, accompanied by a dime and three cents postage, verification requests will be instantly honored. Therefore, this is another station, the logging of which scores a point in the QRC Duplex Contest, with earlier darkness favoring eastern reception. The frequency of 9.300 mc offers peak reception shortly after sundown. As YNGU concludes its afternoon session at 6 p. m. EST, the sun will have to set unusually early if western listeners are to capture this point for the Contest.

The following data should be helpful:

YN-GU "Alma Nica," Managua, D. N., 50 w 9.300 (o) "The Sesqui-Centennial Exposition March." Newspaper of the Air (s) "The Rosary." Director's Chat 5:30 p. m. EST (o) "Amar sin Esperanza." (i) One Stroke of a Gong. (s) Nicaraguan National Anthem. Br. Jorge Montealegre Callejas, Announcer. R. Ernesto Gutierrez U., Technical Engineer. Srita. Matilde Haydee Diaz, Owner & Operator. Studios: Photographic Studio of A. Diaz F. & Daughters on Calle 15 de Septiembre. Apartado 295. Veries via QRC

Station YN-LG "Ruben Dario" of Managua, Distrito Nacional, greets listeners with a newly constructed transmitter of increased power on a new frequency of 6,325 kc. Program highlights are: By remote control from Central Park, Sundays and National Holidays, concerts by the Band of the National Guard; Tuesdays and Thursdays from 9 till 9:30 p. m. EST, Marimba concerts; Wednesdays and Saturdays at the same hour, Guitar concerts. Twice monthly, "conferencias musicadas" (musical lectures) are given by the famous pianist of the Conservatory of Milan, Prof. Luis A. Delgadillo, executing his own compositions. During the morning session of the first and third Sundays of each month, lottery drawings are broadcast.

Identification aids are as follows:

YN-LG "Ruben Dario," Managua, D. N., 1 kw 6.325 (o) "General Marcelo Caraveo," March opening with Bugle Call thrice. Morning and Afternoon Sessions: (s) "Till We Meet Again," Waltz. Evening Session: (s) "Good Night, Ladies," Medley Waltz. Benjamin Guerra (Chief), Cesar Guerra and Francisco Chirip, Announcers. Benjamin J. Guerra L., Technical Director & Manager. Benjamin J. Guerra & Constantino Lacayo Ltda., Owners. Studios: 5a Calle Noroeste No. 207. Veries via QRC.

A new and very artistic verification card is being printed showing the statue of Ruben Dario (Nicaraguan patriot, poet and diplomat, to the memory of whom this station is dedicated) erected in the park bearing his name and a foto of the transmitters built entirely in Nicaragua by Sr. Benjamin J. Guerra L., Co-Owner & Operator, saving materials supplied by Thordarson, condensers by Cardwell and tubes by RCA. Verification requests via the QRC (accompanied by a dime and 3 cents postage) will be instantly honored by the station.

### PANAMA

With a very elaborate inaugural program, participated in by the President of the Republic and other high functionaries, Radio-Teatro Estrella de Panama HP5A of Panama City, made its bow to the public July 30 last. The operators are the Star & Herald Company, publishers of two newspapers, and the station has been named the Star & Herald Radio Theatre. A highlight of the programs is often afforded by the Pupils of the National School of Voice and Opera directed by Prof. Alfredo Graziani. Station Manager A. Villegas Arango advises the QRC that a 300 watt Collins transmitter and equipment with RCA microphones is used, the as-

signed frequency being 11,700 kc. The station's motto is "Entertaining Advertising" and programs open and close with the "Anvil Chorus" as the musical signature.

Briefly, the details are as follows:

HP5A "Radio-Teatro Estrella de Panama," (Star & Herald Radio Theatre) Panama City 300 w 11.700 (s) "Anvil Chorus." Brandon Eisenman, Announcer. Alfredo Graziani, Art Director. J. A. Sosa M., Technical Director. A. Villegas Arango, Manager. Radio-Teatro, S. A., Owners. Studios: Avenida Sur No. 8. Apartado 954.

### PERU

Listeners report that Radio Universal de Ica has apparently abandoned the use of station OAX5A 11.796 in favor of OAX5C 9.632, although reception of the latter in North America has never approached the strength of the former.

### SALVADOR

Test relays of Radio Nacional YSS have been reported by its short-wave complement irregularly on several channels. While listeners are in perfect agreement as to the frequencies used, few agree as to the call letters announced. The consensus of reports indicates the following to be correct: YSD 7,894, YSH 9,520 and YSM, 11,710. The two latter frequencies fall within the international broadcast bands, evidencing the intention to relay entertainment programs. Reports have been requested addressed the National Radio Broadcasting Station, San Salvador, El Salvador, C. A.

### SIAM

The Experimental Short Wave Broadcast Station HS8PJ of Bangkok is now testing Mondays from 8 till 10 a. m. EST on 19.02 mc and the same hours Thursdays on a new frequency of 9.510 mc or the *announced* equivalent of 31.54 meters. For eastern reception the Monday tests are the more favorable, but listeners should not have blamed their receivers if they failed to log this station September 13th or 20th when the station observed a holiday. For western reception Thursday at sunrise is most favorable. The station may be identified by its interval signal of three chimes in ascending scale. Announcements are in Siamese, English and French and listeners who desire verification cards are requested to report some items of the program heard and the time of their reception. During these tests they often relay the National Station HS7PJ at Saladeng. At sign-off the announcer bids all "good health, good luck and a very good night from Siam."

### URUGUAY

Although tests are said to have been conducted irregularly on all short-wave broadcast bands for some time by stations CXA-8 and CXA-14, both of Montevideo, relaying LR3 Radio Belgrano of Buenos Aires, only CXA-8 has been reported heard in North America on a frequency of 9,640 kc.

**U. S. S. R.**

Moscow is reported using RKI-2 7,520 kc instead of RKI 15,040 in parallel with RAN 9,600 for the daily evening broadcasts from 7 till 9:15 p. m. EST. While new to many, this frequency is shown in the F. B. Log at page 30 of the April REPORTER. Darkness being essential to good reception of this lower frequency, western listeners are not within the pale of this broadcast. Only on New Year's Eve, when interfering stations may have been on holiday, have we heard even RAN 9,600.

The most attractive verifications seen during the month have been two new-style cards issued by Moscow, one bearing the photograph of the polar expedition and the other the photographs of the aviators who flew over the pole to Vancouver. Listeners will find these cards well worth adding to their collections.

**FAN MAIL**

Again we beseech each and every member who has yet to do so, immediately to advise by postal the make and model of his or her receiver, or, if using more than one, your favorite. This information is desired for publication in order that everyone may observe which receivers are most popular with the membership. This ought to interest every radio owner. Surely mailing us a postal is not too great an effort! We should like this information in time for the next issue of the REPORTER, which will be in preparation by the time this copy reaches you. You will help us by letting us have the information without delay.

**SKY WIRE DE LUXE**

When the RCA Spiderweb antenna was first introduced, several members tried them and reported a real improvement. Previously it had been their experience that noise reducing antennae reduced the signal as well. We never advise the use of noise reducing antennae unless residing in a noisy location. In this case, regardless of any disappointment other such devices may have caused you, the Spiderweb is well worth a trial. Upon reading of the results obtained, published in our mimeograph bulletin, other members inquired where they too might get one. We wrote RCA that users were finding their Spiderweb of exceptional merit, hinting that RCA may not have realized the full value of its product and for that reason had not advertised it more widely. The advertising manager replied, in substance, "maybe so" and the Spiderweb has since been given the publicity it deserves. Finally the QRC has been enabled to tell members where they may get information. A postal request to Department "R" of the RCA Mfg. Co., Inc., Camden, N. J., will bring you full details. Incidentally, in asking for this free literature, you might mention the REPORTER and help demonstrate that it is a good advertising medium. Thank you.

BROADCAST SCHEDULE

EASTERN STANDARD TIME

Megs.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
4.107	Quito	HCJB														S
4.273	Khabarovsk	RV-15	7:28							10						TWTFSS
4.800	Guayaquil	HCZET								11						SMTWTFSS
4.780	Barranquilla, Col.	HJ1ABB								2						W
4.787	Cucuta, Colombia	HJ2ABC								10						SMTWTFSS
4.841	Bogota, Colombia	HJ3ABD								10						SMTWTFSS
5.145	Bandoeng, Java	P M Y	4													S
5.145	Quito	HC1PM								11						MTWTFSS
5.725	San Cristobal, Ven.	YV2RA								11						MTWTFSS
5.758	Managua	YNOP	7							8						MTWTFSS
5.800	Caracas, Venezuela	YV5RC	7-8							11						S
5.813	San Jose, Costa Rica	TIGPH2								11						MTWTFSS
5.830	San Jose	TIGPH								12						MTWTFSS
5.830	San Jose, Costa Rica	TIXGP3	7													SMTWTFSS
5.850	Maracaibo, Venezuela	YV1RB	5							8						S
5.865	San Pedro, Dom. Rep.	HI-1J								10						MTWTFSS
5.875	Tegucigalpa	H R N								11						SMTWTFSS
5.880	Barquisimeto, Ven.	YV3RA								11						MTWTFSS
5.883	Santiago, Dom. Rep.	HI-9B								11						SMTWTFSS
5.905	San Jose, Costa Rica	TI-LS								12						SMTWTFSS
5.910	Port-au-Prince	IH-2S								12						SMTWTFSS
5.930	Maracaibo, Venezuela	YV1RL	8							11						S
5.930	Willemstad, Curacao	PJC-1								11						MTWTFSS
5.940	Guatemala City	TG2X								11						MTWTFSS
5.975	Huancayo, Peru	OAX4P								12						MTWTFSS
5.977	Lisbon, Portugal	XEBT	8							3						MTWTFSS
6.000	Mexico City	HP-5K	7							9						MTWTFSS
6.005	Colon	CFCX	6							9						S
6.005	Montreal		6							9						MTWTFSS
6.010	Habana	COCO								10						MTWTFSS
6.012	Bogota	HJ3ABH								10						S
6.015	Santiago	HI-3U	7:28							11						MTWTFSS
6.020	Berlin	D J C								11						SMTWTFSS
6.020	Veracruz	XEUW								11						SMTWTFSS
6.025	Santa Marta	HJ1ABJ								11						SMTWTFSS

6-58



BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
6.150	48.78	Winnipeg	CJRO														S
6.150	48.78	Santiago	HI-5N														MTWTFSS
6.158	48.72	Caracas, Venezuela	YV5RD														SMTWTFSS
6.174	48.59	Mexico City	XE-XA														SMTWTFSS
6.190	48.47	Santiago	HI-1A														MTWTFSS
6.200	48.39	Santiago de Cuba	COKG														SMTWTFSS
6.206	48.34	Trujillo City, D. R.	HI-8Q														SMTWTFSS
6.210	48.31	Coro, Venezuela	YV1RI														SMTWTFSS
6.230	48.15	Valera, Venezuela	YV1RC														SMTWTFSS
6.235	48.11	La Ceiba	H1 R D														SMTWTFSS
6.243	48.05	Trujillo City, Dom Rep.	H1 N														SMTWTFSS
6.250	48.00	Caracas, Venezuela	YV5RJ														MTWTFSS
6.270	47.85	Caracas, Venezuela	YV5RP														SMTWTFSS
6.280	47.77	Trujillo City	H1 G														SMTWTFSS
6.280	47.77	Santi-Spiritus	CO-HB														SMTWTFSS
6.295	47.65	Lima, Peru	OAX4C														SMTWTFSS
6.300	47.62	Maracay, Venezuela	YV4RD														SMTWTFSS
6.310	47.54	Guatemala City	TG-2														SMTWTFSS
6.316	47.50	Trujillo City	H1 Z														SMTWTFSS
6.325	47.63	Managua, Nicaragua	YN-LC														SMTWTFSS
6.330	47.39	Habana, Cuba	CO-CW														SMTWTFSS
6.335	47.35	Chiclayo, Peru	OAX1A														SMTWTFSS
6.340	47.32	Trujillo City, D. R.	HI-1X														S T S
6.360	47.17	Maracaibo	YV1RH														S
6.375	47.06	Caracas, Venezuela	YV5RF														SMTWTFSS
6.400	46.88	Caracas, Venezuela	YV5RH														SMTWTFSS
6.410	46.80	San Jose	TIPC														SMTWTFSS
6.420	46.73	Bolivar City, Ven.	YV6RC														SMTWTFSS
6.450	46.51	S. F. de Macoris, D. R.	HI-4V														SMTWTFSS
6.465	46.40	Maracaibo, Venezuela	YV1RD														SMTWTFSS
6.520	46.01	Valencia, Venezuela	YV4RB														SMTWTFSS
6.545	45.83	Ciudad Bolivar, Ven.	YV6RB														SMTWTFSS
6.550	45.80	San Jose	TIRCC														S
6.590	45.52	Tetuan, Sp. Morocco															T T S

6.15

BROADCAST SCHEDULE--EASTERN STANDARD TIME

Megs.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
6.618	Riobamba	Pracde H I T														T MTWTFSS
6.630	Trujillo City											12 1 1 3				S MTWTFSS
6.635	Guayaquil	HC2RL														S MTWTFSS
6.690	San Jose	TIEP														T MTWTFSS
6.720	Bandoeng, Java	P M H	5 1													S MTWTFSS
7.100	Papeete, Tahiti	FO8 A														T MTWTFSS
7.177	Lobito, Angola	CR6 A A														S MTWTFSS
7.380	Mexico City	XEUR														T MTWTFSS
7.520	Moscow, U. S. S. R.	RKL2														S MTWTFSS
7.530	Puntarenas	HL6 S														T MTWTFSS
7.797	Geneva	H B														S MTWTFSS
7.854	Guayaquil	HC2SB														T MTWTFSS
8.630	Managua, Nicaragua	YN-FR														S MTWTFSS
8.664	Camaguey, Cuba	CO-BZ														T MTWTFSS
9.050	Habana, Cuba	HAT-4														S MTWTFSS
9.125	Budapest															T MTWTFSS
9.300	Managua, Nicaragua	YN-GU														S MTWTFSS
9.330	Lima, El Peru	OAX4J														T MTWTFSS
9.345	Geneva, Switzerland	H B L														S MTWTFSS
9.350	Habana, Cuba	CO-BC														T MTWTFSS
9.428	Habana	COCH														S MTWTFSS
9.447	Guayaquil, Ecuador	HC2ODA														T MTWTFSS
9.450	Guatemala City	T G W A														S MTWTFSS
9.470	Willemstad, Curacao	PJC-2														T MTWTFSS
9.480	Madrid, Spain	E A R														S MTWTFSS
9.500	Cartagena	HJABE														T MTWTFSS
9.500	Mexico City	XE-WW														S MTWTFSS
9.501	Rio de Janeiro	PRF-5														T MTWTFSS
9.503	Melbourne	VK3ME														S MTWTFSS
9.510	London	G S B														T MTWTFSS
9.510	Bangkok, Siam	HS8PJ														S MTWTFSS
9.520	San Salvador	Y S H														T MTWTFSS
9.520	Skamlebaek, Denmark	O Z F														S MTWTFSS
9.520	Guadalajara	XE-DQ														T MTWTFSS
9.520	Armenia	HJ4BH														S MTWTFSS
9.525	Hong Kong	Z B W														T MTWTFSS
9.530	Schenectady	W2XAF														S MTWTFSS
9.536	Suva, Fiji	VPD-2														T MTWTFSS

6.7

7.725

0 - 9.40

0 - 9.47

BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
9.540	31.45	Berlin	D J N								11						SMTWTFSS
9.550	31.41	Veracruz, Mexico	XE-FT								4 $\frac{1}{2}$						SMTWTFSS
9.550	31.41	Soerabaya, Java	Y D B								4 $\frac{1}{2}$						SMTWTFSS
9.560	31.38	Berlin	D J A								11						SMTWTFSS
9.562	31.37	Lima, Peru	OAX4T								4 $\frac{1}{2}$						SMTWTFSS
9.570	31.35	Manila, P. I.	KZ-RM								11 $\frac{1}{2}$						SMTWTFSS
9.570	31.35	Manila, P. I.	W1-XK								10						SMTWTFSS
9.580	31.32	Lyndhurst	VK3LR								6						SMTWTFSS
9.590	31.28	Sydney	VK2ME								8 $\frac{1}{2}$						SMTWTFSS
9.590	31.28	Perth, Australia	VK6ME								8 $\frac{1}{2}$						SMTWTFSS
9.590	31.28	Nanking, China	XGRX								10 $\frac{1}{2}$						SMTWTFSS
9.590	31.28	Philadelphia	W3XAU								12						MTWTFSS
9.590	31.28	Hilversum, Holland	P C J								2_3						S W T
9.595	31.27	Geneva, Switzerland	H B L								7_8						S W
9.600	31.25	Santiago	CB960								10 $\frac{1}{2}$						SMTWTFSS
9.600	31.25	Moscow	R A N								2_4						SMTWTFSS
9.605	31.24	Panama City	HP-5J								12_1 $\frac{1}{2}$						SMTWTFSS
9.617	31.20	Cartagena	H11ABP								12_1 $\frac{1}{2}$						SMTWTFSS
9.630	31.15	Ica, Peru	OAX5C								7						SMTWTFSS
9.635	31.13	Rome	I2RO3								11 $\frac{1}{2}$						SMTWTFSS
9.642	31.11	Port-au-Prince	HH-3W								1_2						SMTWTFSS
9.650	31.09	Lisbon, Portugal	CT1AA								4						SMTWTFSS
9.660	31.06	Buenos Aires	L R X								9 $\frac{1}{2}$						SMTWTFSS
9.670	31.03	Heredia	TI-4NRH								11 $\frac{1}{2}$						SMTWTFSS
9.680	30.99	Ft. de Fr., Martinique	CO-CQ								11 $\frac{1}{2}$						SMTWTFSS
9.750	30.77	Habana	CO-CQ								7						SMTWTFSS
9.775	30.69	Habana, Cuba	COCM								7						SMTWTFSS
9.940	30.18	Lisbon	C S W								7_8						SMTWTFSS
10.260	29.24	Bandung	P M N								5 $\frac{1}{2}$						SMTWTFSS
10.330	29.04	Brussels	O R K								11_3						SMTWTFSS
10.370	28.93	Santa Cruz de Tenerife	EAJ-43								2_4						SMTWTFSS
11.000	27.37	Lisbon, Portugal	PC S W								10						SMTWTFSS
11.040	27.17	Lisbon, Portugal	H B O								12						SMTWTFSS
11.402	26.31	Geneva, Switzerland	COCX								8						SMTWTFSS
11.433	26.23	Habana	COCX								8						SMTWTFSS

9.53

BROADCAST SCHEDULE--EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
11.525	26.03	Villahermosa, Tabasco	XE-TM														MIWTFSS
11.700	25.64	Panama City, R. P.	HP-5A														SMTWTFSS
11.705	25.64	Motala, Sweden	S B G														SMTWTFSS
11.710	25.62	Saigon, Fr. Indo-China	Y S M														SMTWTFSS
11.710	25.62	San Salvador	TPA-4														SMTWTFSS
11.713	25.61	Paris	CR7BH														SMTWTFSS
11.718	25.60	L. Marques, P. E. A.	CR7BH														SMTWTFSS
11.720	25.60	Winnipeg	CJRX														SMTWTFSS
11.750	25.53	London	G S D														SMTWTFSS
11.700	25.64	Santiago, Chile	CB-1170														SMTWTFSS
11.770	25.49	Berlin	D I D														SMTWTFSS
11.780	25.47	Vienna	OER-2														SMTWTFSS
11.790	25.45	Boston	WJXAL														SMTWTFSS
11.800	25.42	Matanzas, Cuba	CO-CF														SMTWTFSS
11.800	25.42	Tokyo	I Z I														SMTWTFSS
11.805	25.41	Skamlebaek, Denmark	O X Y														SMTWTFSS
11.810	25.40	Rome	I2RO4														SMTWTFSS
11.820	25.38	Hermosillo, Sonora	XE-BR														SMTWTFSS
11.830	25.36	New York	W2-XE														SMTWTFSS
11.840	25.34	Prague, Czechoslovakia	OLRA4														SMTWTFSS
11.870	25.27	Pittsburgh	W8-NK														SMTWTFSS
11.865	25.24	Paris	TPA-3														SMTWTFSS
11.865	25.22	Aguadulce, Panama	HP-51														SMTWTFSS
11.900	25.21	Mexico City	XE-W1														SMTWTFSS
11.960	25.08	Trujillo City, D. R.	HL-2X														SMTWTFSS
12.005	25.00	Moscow	R N E														SMTWTFSS
12.010	24.98	Valdivia, Chile	CB-1190														SMTWTFSS
12.235	24.52	Reykjavik	T F J														SMTWTFSS
13.635	22.00	Warsaw	S P W														SMTWTFSS
14.535	20.64	Geneva, Switzerland	H B J														SMTWTFSS

12.0

BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
			L Z A														S M T W T
14.970	20.04	Sofia, Bulgaria		5-6 $\frac{1}{2}$	S M T W T												
15.110	19.85	Berlin	D J L	6	6	8-9	10 $\frac{1}{2}$	11 $\frac{1}{2}$	S M T W T								
15.121	19.84	Vatican City	H V J	10 $\frac{1}{2}$	S M T W T												
15.140	19.87	London	C S C	5 $\frac{1}{2}$	5 $\frac{1}{2}$	9 $\frac{1}{2}$	10	10	12	4	6 $\frac{1}{2}$	7 $\frac{1}{2}$	8 $\frac{1}{2}$	10 $\frac{1}{2}$	10 $\frac{1}{2}$	10 $\frac{1}{2}$	S M T W T
15.150	19.80	Bangkok, Java	Y D C														S M T W T
15.155	19.70	Stockholm, Sweden	SM5SX														S M T W T
15.160	19.70	Tokio, Japan	Z K	8-9	8-9					3	4 $\frac{1}{2}$	5 $\frac{1}{2}$	6	12 $\frac{1}{2}$	11 $\frac{1}{2}$	11 $\frac{1}{2}$	S M T W T
15.160	19.79	Mexico City	XE-WW														S M T W T
12.180	19.76	London	G S O														S M T W T
15.200	19.74	Berlin	D J B														S M T W T
15.210	19.72	Pittsburgh	W8-XK	4 $\frac{1}{2}$	6	9	11	11	12 $\frac{1}{2}$								S M T W T
2.220	19.71	Uiversum, Holland	P C A														S M T W T
15.243	19.68	Paris	TPA 2	5	5	8	10	10	11								S M T W T
13.250	19.67	Boston	W3XAL														S M T W T
13.250	19.66	London	G S I														S M T W T
13.270	19.65	New York	W2-XE														S M T W T
15.280	19.63	Ciudad Trujillo, D. R.	HI-3X			7 $\frac{1}{2}$	10 $\frac{1}{2}$	11	11	12 $\frac{1}{2}$							S M T W T
15.280	19.63	Berlin	D J Q	5	5	8 $\frac{1}{2}$	10 $\frac{1}{2}$	11	11	12 $\frac{1}{2}$							S M T W T
15.290	19.62	Buenos Aires, Arg.	L R U	7	7	9	9	9	9	10 $\frac{1}{2}$	S M T W T						
13.310	19.60	London	G S P														S M T W T
13.330	19.56	Schenectady	W2XAD														S M T W T
13.340	19.55	Berlin	D J R	8-9	8-9	10	10	10	10	10 $\frac{1}{2}$	S M T W T						
13.370	19.52	Budapest	HAS-3														S M T W T
13.440	19.45	Nazarian	XE-BMI														S M T W T
17.760	16.89	Berlin	D J E														S M T W T
17.770	16.88	Huizen, Holland	P H I	7 $\frac{1}{2}$	7 $\frac{1}{2}$	9 $\frac{1}{2}$	S M T W T										
17.780	16.87	Bound Brook	W3XAL	5 $\frac{1}{2}$	5 $\frac{1}{2}$	9 $\frac{1}{2}$	10	10	10	10	10	10	10	10	10	10	S M T W T
17.780	16.86	London	G S G														S M T W T
19.020	13.77	Bangkok, Siam	H86PJ	5 $\frac{1}{2}$	5 $\frac{1}{2}$	8	9 $\frac{1}{2}$	10	10	10	10	10	10	10	10	10	S M T W T
21.470	13.97	London	G S H	5 $\frac{1}{2}$	5 $\frac{1}{2}$	8	9 $\frac{1}{2}$	10	10	10	10	10	10	10	10	10	S M T W T
21.520	13.94	New York	W2-XE	5 $\frac{1}{2}$	5 $\frac{1}{2}$	8	9 $\frac{1}{2}$	10	10	10	10	10	10	10	10	10	S M T W T
21.530	13.93	London	G S J	5 $\frac{1}{2}$	5 $\frac{1}{2}$	8	9 $\frac{1}{2}$	10	10	10	10	10	10	10	10	10	S M T W T
21.540	13.93	Pittsburgh	W8-XK	6 $\frac{1}{2}$	6 $\frac{1}{2}$	9	9	9	9	9	9	9	9	9	9	9	S M T W T

*Super-Powered for*



THE  
*New*

**SCOTT** *Philharmonic*

*Clearer, Stronger Foreign Reception*

30



TUBES

## BRINGS IN THOSE WEAK HARD-TO-GET STATIONS

This new Scott Custom-Built Philharmonic is, we believe, the world's most highly perfected long distance receiver. It far surpasses all previous Long Distance World's Records, held by Scott Receivers. 30 Tubes, all operating at peak efficiency, develop tremendous perfectly controlled power. You can now tune many stations you never have heard before. Greater Sensitivity enables you to take a whisper from the far corners of the earth and amplify it to the volume of a "local."

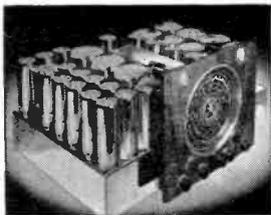
### 3.75 TO 2000 METERS

Greater Wave Length Range, 6 Bands, 3.75 to 2000 meters, gives you complete coverage of practically everything on the air. Every point on the dial is filled with powerful, superb-toned reception. "Years ahead" in design... it will receive Television Sound Broadcasts. The secret of this new Scott Philharmonic's amazing performance lies in its 8 New Features

(patents applied for), which permit you to locate and bring in those far away, weak, hard-to-get stations that are seldom heard on other receivers.

### CUSTOM-BUILT TO ORDER

The Scott Philharmonic is not an ordinary radio. It is Custom-Built by hand to suit receiving conditions in your locality. Constructed with the precision of a fine watch. Incorporates every modern improvement of radio science. The Philharmonic is the only Radio Receiver, we believe, that will perfectly reproduce the entire tonal range of the human ear (30 to 16,000 cycles). Every tone from the very lowest to the highest is captured with an uncanny realism that seems to bring you into the very presence of the musical rendition. Guaranteed 5 years. Fifteen cabinets by master designers await your choice.



**FREE DETAILS • MAIL THE COUPON NOW!**

**E. H. SCOTT RADIO LABORATORIES, INC.**  
4491 N. Ravenswood Ave., Dept. 44K7, Chicago, U. S. A.

Please send details about the new Scott Philharmonic. (No dealers. Sold only direct from Scott Laboratories in New York, Chicago, Los Angeles. 30-day free trial.)

Name

Address

## MEMBERSHIP CAMPAIGN

Last month, through the courtesy of Mr. Philip Cass, the donor, it was our privilege to offer a World Time Clock as prize to the member credited December 10th of this year with having introduced the greatest number of new QRC members. The introduction by each member of three additional members would go far toward accomplishing our long cherished hopes, or even the introduction by each of a single additional member would contribute greatly toward the success of the QRC. The time is at hand when interest in shortwave reception should be on the increase—the season for joining clubs—so we implore each and every member now to recommend to friends and acquaintances, in any way interested in the subject, a subscription to the REPORTER.

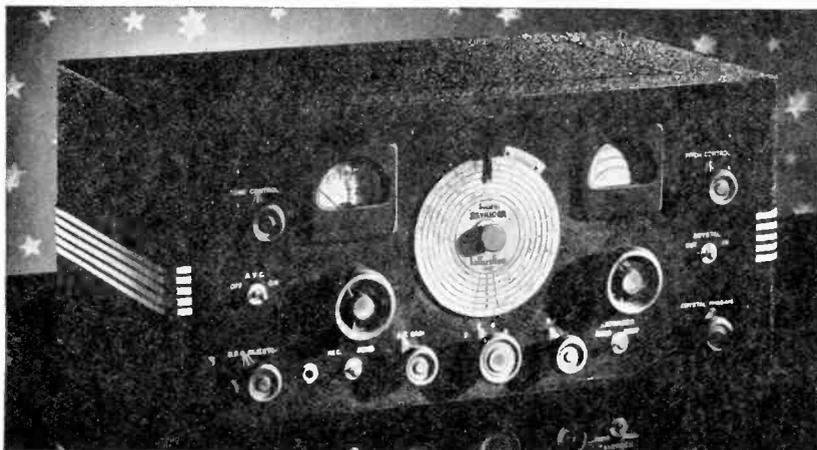
Below we list the names of introducing members, together with the surname of those introduced. Please bring to our attention any omissions that may be noted. May this list be doubled by December 10:

<b>QRC</b>	<b>Introducing Member</b>	<b>Members Introduced</b>
6	Arthur F. G. Bruder:	MacPherson, Mayer, Montague, Eichels, Thompson.
8	Henry V. Miner:	McTeague, Groves.
48	E. L. Nicholson:	Thompson, Nicholson, Miller.
60	W. J. Ray:	Roberts.
✓97	J. R. Mappin:	Bowman, Mattson, Lewis.
✓100	Richard L. Bullard:	Swope, Brown.
✓129	Charles Nick:	Ebbecke, Shoch, Ballintine, Whelan, Scheirer.
✓140	Ray La Rocque:	Roche, Brode.
✓155	Samuel Solito:	Fox.
✓163	Robert L. Weber:	Swenson, Gustafson, Fossa Andersen.
165	Thomas G. Grey:	Grey, Kamba, Sim.
205	Roy Waite:	Stark.
215	Thos. F. Waters:	Miller, Benson.
217	Charles Miller:	Dr. Bedinger.
218	Merton T. Meade:	Landgraf, Kamlowky, Mead, Reece, Meade, Homsher, Estes, Clarke, Griswold, Samson, Olson, Johnson, Hudson, Meade.
233	G. H. Millican:	Cheshire, Wilcox, Peters, Wallace, Gibbons, Ingram.
252	Walter L. Chambers:	Nemiccolo, Comey.
277	Carl Weber:	Siegel.
278	Chas. B. Lamm:	Shepherd, Bilharz.
286	Roger Legge, Jr.:	Schrameyer, Sutter, Steinmetz.
291	George Van Honk:	Hunter, Prospery.
322	G. Len De Cou:	Clark, Parry, Myers.
326	Robert R. Irwin:	Olson, Bristow, Schenk, Fellows, Hummel, Mues, Leonard.
329	Donald Adams:	Ernst, Hobbs, Christensen, Pankow, Johnson, Hollinger, Ellis, Sullivan, Burrill, Miller, Gallagher, Bottema, Snyder.
354	Wallace W. Smith:	Smith, Fieldhouse, Harrison.
359	Anthony C. Tarr:	Oleson, Hunter, Staley, Harris, Young, Judson, Rochlen, Wilcox, King, La Rue, Rude, Underwood, Gawel, Ferrin, Hultquist, Jones, Scofield, Neff, Farkas, McDonnell, Maitland, Kinloch, Otis, Lonis, Putnam, Kirkpatrick, Warren, Barnett, Brus.

<b>QRC</b>	<b>Introducing Member</b>	<b>Members Introduced</b>
	Cowper, McGarry, Clemens, Worcester, Imerson, Orlob, McGuire, Young, Cavileer, Oliver.	
384	Lewis F. Miller:	Wenom.
389	Norman Schultz:	Gifford, Belz, Ansell.
390	Joseph D. Green:	Orullian, Anderson.
392	R. B. Oxrieder:	McKinley, Atherton, Ives, Larsen, Corriston, Yursik, Barrows, Bell, Kneeland, Caldwell.
394	Dr. R. C. Kash:	Hofmaster, Bennett.
398	Martin J. Olthoff:	Olthoff, Hellwig.
406	Harold Levison:	Webb.
412	E. D. Schenk:	Kruger, Pardini, Palmer.
420	Earl R. Roberts:	Leboeuf.
450	Ora E. Stark:	Seufert, Haines, Wright.
455	Roy Pitman:	McCullough.
478	Philip Cass:	Donachy.
486	Dr. W. C. Breth:	Van de Carr.
496	Rudolph Bossert:	Sanick, Urbanik, Meyers.
509	Manuel Barbera:	Franquet.
511	Carl & Anne Eder:	Schrock, Althoff.
517	Max H. Bass:	Daly.
533	Geo. E. Houck:	Singleton, Krell, Clarey.
538	Clifford E. Scranton:	Carr, Sellew.
562	Sgt. A. W. Brummund:	Redmond.
576	Edwin E. Mullen:	MacDonald, Augustine.
596	John Larsen:	Barrett, Cass.
606	Benjamin H. Ross:	Henderson, Racz.
610	Clive Peterson:	Scala.
662	G. M. Krell:	Berry, Urcy, Bohling.
700	E. D. Cornwall:	Stingley, Sheppard, Doegey.
703	Lyle M. Nelson:	Walker, Parsons.
704	Carl Forestieri:	Pastorello, Wheatley.
711	Ralph H. Smith:	Lewis, Smith.
716	Nicola Cannata:	Melone, Diletti.
717	Joseph T. Lippincott:	Shepherd, Blender.
738	Charles C. Norton:	Martinez, Walcott, Clark, Biller, Johnson.
748	Howard McClean:	Loney, Lunt.
754	August Balbi:	Kane, Purkey.
756	E. D. Purkey:	Chavez, Walmsley, O'Donnold, Hodge, Ruiz, Purkey.
766	Wilbur Britting:	Myers, Moderno.
796	Harry O. Jones:	Barlatier, Lockwood.
803	Stanley La Rue:	Dr. Staads, Bell.
806	W. J. Moore:	Heslop.
811	L. V. Kraus:	Ascher, Obirek.
821	L. W. Dreese:	Zanardella.
832	Emily Griswold:	Hammersley, Rebensdorf, McCandless.
837	Ray Gallagher:	Evans, Mise.
841	Edward H. Andrews, Jr.:	Rockwell, Smith.
845	Edwin C. Peters:	Hessloehl.
855	Stanley Brus:	Glover.
888	Lemuel Cavileer:	Wills, Powell, Pitone.
900	Orrian A. Smith:	Mayer, Anderson.

**CLUB STATIONERY**

Hammermill Bond letter-paper for Members, 50 sheets, 31c.



## WHAT IS A *Communications Receiver?*

**I**T'S more than just a "short wave" receiver! A communications receiver is primarily designed for efficient "high frequency" reception—a rugged, "scientific," precision-built job designed to operate at high efficiency under adverse conditions and in emergencies.

Who can design such receivers? Obviously the engineers who use them as their own hobby—and **know** what they should be.

Such men predominate in the Hallicrafters' organization. Here is a group of engineers who have been actively interested in radio since the days of spark transmitters and crystal detectors.

Today they are building fine communications receivers, putting into them all the enthusiasm and craftsmanship they lavish upon their personal equipment.

When you purchase a Hallicrafters receiver you are not only buying a fine precision-built instrument, but the product of a group of engineers whose pride and life work are represented in that receiver.

---

Ask Your Dealer About The Hallicrafters' Time Payment Plan!

Send for Illustrated  
Booklet completely  
describing the New  
1938 Super Sky  
Rider

the hallicrafters inc.  
2611 INDIANA AVE., CHICAGO, ILL.  
Cable Address, — "Hallicraft" Chicago

---

"America's Leading Manufacturer of Communications Receivers"

## STATION DATA

In this issue the Station Data section will be found replete with detail, but listeners are reminded that only a third of this section is published each month.

**ANGOLA**

CR6AA "Estacao Radio Difusora do Lobito," Lobito Bay 1750 w 7.177 & ir. 9.666 (i) three notes. Announcements in Portuguese, French, English and Spanish by a man and a woman. Alvaro de Carvalho, Owner & Operator. Caixa Postal 103.

**ARGENTINA**

LRU "Radio El Mundo," Buenos Aires 7.5 kw 15.290—LRX 10 kw 9.660—Relay LR-uno 50 kw 1,070 (s) Theme without title composed especially for Radio El Mundo by Maestro Alberto Castellanos. (i) 4 vibraphone notes. Argentine Standard Time one hour ahead of EST. Roydon M. Hummel, Manager. Editorial Haynes Lda. S. A. (publishing house) Owners. Calle Maipu, 555.

**AUSTRALIA**

VK2ME "The Voice of Australia," Sydney (Pennant Hills) 20 kw 9.590 (s) National Anthem. (i) Kookaburra laughter. P. Greeves, Announcer. Amalgamated Wireless (A/sia) Ltd., Owners. 47 York Street. Box 2516 BB G.P.O.

VK3LR "National Station," Melbourne (Lyndhurst) 1 kw 9.580. Australian Broadcasting Commission, Short Wave Division, T. and G. Building, Collins Street, Melbourne, C. 1. Box 1686 G.P.O.

VK3ME Melbourne (Braybrook) 1.5 kw 9.510. C. T. Sproule, Announcer. Amalgamated Wireless (A/sia) Ltd., Owners. Verifications: Broadcasting Department, "Wireless House," 167-169 Queen Street, P. O. Box 1674 N, Melbourne, C.1., Victoria.

VK6ME Perth, (Applecross) Western Australia 2 kw 9.590. For veries: Amalgamated Wireless (A/sia) Ltd., Box 2516 B B G.P.O., Sydney N. S. W.

VK9MI M/V Kanimbla 50 w 6.010, 11.710 (s) "Sweet Dreams" followed by God Save the King. McIlwraith & McEacharn, Ltd., Owners, 94 William St., Melbourne.

**AUSTRIA**

OER-2 "Radio Wien," Vienna (Rosenhugel) 1.5 kw 6.072 & 11.801 (i) Ticking of Clock. "Hallo, hallo, Ravag, Vienna calling OER-2." Oesterr. Radioverkehrs A. G., Owners. Wien, 1, Johannesgasse 4b.

**BELGIUM**

ORK "Radio Ruysselede," West Flanders 9 kw 10.330 (s) "Brabanconne" National Anthem. Languages: French and Flemish. Announcement: "Ici Bruxelles I. N. R. Emission speciale pour le Congo par la station de Ruysselede ORK 29 m 04." Regis des Telegraphes et des Telephones, Direction des Radiocommunications, Bruxelles.

**BRAZIL**

PRF-5 Rio de Janeiro (Marapicu) 60 kw 9.501 (s) "Brazilian National Anthem." "Hora do Brasil" program sponsored by Brazilian Department of Propaganda (Miss Ilka Labarthe, in Charge of Radio Division) Avenida Presidente Wilson. Cia. Radio Internacional do Brasil, Owners. Rua Theophilo Ottoni, 74. Caixa Postal 709.

**BRITISH GUIANA**

VP3BG "The Voice of Georgetown," Georgetown (Demerara) 1 kw 6.130 (s) "Goodnight, My Love" and "God Save the King." Chas. Kellman, Director. Crystals Broadcasting Co., Owners. Studios: Philharmonic Buildings.

VP3MR "The Voice of Guiana," Georgetown (Demerara) 250 w 6.070 (o) "The Empire Parade," or "The Stein Song." (s) Ted Lewis' "Goodnight Melody." BGT 1¼ hr. ahead of EST. G. V. de Freitas, Manager & Announcer. E. G. Fenty, Director. The British Guiana Broadcasting Co., Ltd., Owners. 16 Robb & Hincks Sts. P. O. Box 272.

**BULGARIA**

LZA "Radio Sofia, Stara Zagora and LZA," Sofia 1.5 kw 14,970 (s) "Tshoumi Maritza," National Anthem. (i) None. Peter Vitanoff, Elena Shopoff, Ventshi Dobрева, Announcers. Panaote Todoroff, Sirak Skitnik, Directors. Kiril Andreeff, Manager. Government Station. 19, rue Moskovska.

**CANADA**

CFCX Montreal, P. Q. (ex VE9DR) 6.005. Relays CFCF. Victor F. Nielsen, Mgr. Canadian Marconi Co., Owners. Box 1690.

CFRX "The Rogers Short Wave Station," Toronto (Aurora) Ontario 300 w 6.070 (s) "God Save the King." Vertical Antenna 230 Electrical Degrees High. Harry Sedgwick, Managing Director. 37 Bloor Street West.

CJRO Winnipeg, Man. (ex VE9CL) 2 kw input 6.150—CJRX (ex VE9JR) 2 kw input 11.720. H. R. McLaughlin, Mgr. of Radio Division, James Richardson & Sons, Ltd., Royal Alexandra Hotel.

CRCX Toronto, Ont. 500 w 6.090. F. J. Garrod, Chief Engineer, Canadian Radio Broadcasting Commission, 905 Davenport Road. (Won't verify.)

VE9BK Vancouver, B. C. 4.795. A. M. Jagoe, Mgr., Radio Sales Service, Ltd., 780 Beatty Street.

VE9CA Calgary, Alta. (Strathmore) 6.030. Relays CFCN. The Voice of the Prairies, Ltd., Toronto General Trusts Building, Calgary

VE9CS Vancouver, B. C. 6.070. Relays CKCF 1410. Standard Broadcasting System, Ltd., 1001-1004 Stock Exchange Building

VE9DN Drummondville (Montreal) P. Q. 6 kw input 6.005. In winter, relays "Northern Messenger" program. Canadian Marconi Co., Owners, 211 St. Sacrament St., Montreal, P. Q. Verifications: Canadian Radio Broadcasting Commission, King's Hall Building, 1231 St. Catherine Street W., Montreal, P. Q.

VE9HX "The Short Wave Experimental Transmitter of the Key Station of the Maritimes," Halifax (Bedford) 500 w 6.130 relays CHNS (o) "The Maple Leaf for Ever." (i) Four Chimes. (s) "God Save the King." Major Wm. C. Borrett, Managing Director. Maritime Broadcasting Co., Ltd., Owners. Lord Nelson Hotel. P. O. Box 998.

**CANARY ISLANDS**

EAJ-43 Santa Cruz de Tenerife 20 kw 10,370 (o) Spanish News introduced by "Himno de La Legion," English News by "Lady of Spain," and (s) "Himnos de Falange Espanola, de Requetes, y Nacional Espanol." Jose Luis Camps Ibanez and Victoriano Frances, Spanish Announcers. Manuel Ramos Vela, Art Director. Juan Meinke, Technician. Enrique Diaz Exposito, Secretary. Elias Ramos Gonzalez, President. Radio Club Tenerife, Owner. Studios: Alvarez de Lugo Num. 1. Apartado 225.

**CEYLON**

Radio Colombo," Colombo 79 52 53 E 6 55 14 N 300 w 6.160 (i) Bell Record. Colombo uses no call sign, and "Colombo Calling" is used during announcements. CST 5½ hrs. ahead of GMT. Government Station under direction of Postmaster General & Director of Telegraphs. J. Shillitoe, Chief Telecommunication Engineer. Broadcasting Office, Torrington Square.

**CHILE**

CB-960 "Radio Difusora Pilot," Santiago 500 w 9.600 relays CB-130 (s) Newton's melody "Somewhere a Voice Is Calling," organ solo. L. Godoy Montt, Technical Director. Godoy, Rocuant y Cia. Ltda., Builders & Owners. Studios: Compania 1288, Fourth Floor, Offices 1-2. Plant, Capitan Orella 2511. Casilla 1342.

CB-1170 "Radio Service," Santiago 1 kw 11.700 (s) "Washington Post March." Jorge Bernain, Director. Luis M. Desmaras, Manager. Desmaras & Cia. Ltda., Owners. Studios: Bandera 176. Casilla 761. (Veri via QRC.)

CB-1190 Valdivia 12.010 relays Radio Azul (?). Casilla 642.

**CHINA**

XGRX Nanking 500 w 9.590. Relays XGOA. Time signal 7 a. m. P. F. Woo, Director. Central Broadcasting Administration, Central Executive Committee of Kuomintang, Nanking, China.

ZBW-3 Hong Kong 2.5 kw 9.525, ZBW2 6.090, ZBW4 15.190, ZBW5 17.755. Tx Marconi Type SWB8. HKT 8 hrs. ahead of GMT. Hong Kong Broadcasting Committee, Gloucester Hotel Building. Box 200. (Does not verify.)

**COLOMBIA**

HJ1ABB "La Voz de Barranquilla," Barranquilla 6.128 & 4.780. Relays HJ1ABA. (s) "La Golondrina" (The Swallow) organ. Elias J. Pellet B., Owner, Apartado 715.

HJ1ABC "La Voz del Choco," Quibdo, Department of Choco 6.000. Government station under direction of the Department of Education. V. Barrios Ferrer, Director.

HJ1ABE "La Voz de los Laboratorios Fuentes," Cartagena 1 kw 9.500 relays "El Progreso Cartagenero." (o) "Song of the Islands," organ. (i) Bugle Call. (s) "Aloha Oe," organ. Pepe Vellojin, Announcer. Ramon Mendez, Announcer & Director. Antonio Fuentes, Owner & Manager. Apartado 31.

HJ1ABG "Emisora Atlantico," Barranquilla 1 kw 6.040 (o) "Himno Nacional" & "Los Cadetes." (s) "Los Cadetes" & "Himno Nacional." Juan Francisco Soto, Pilin Castro & Marco Zuniga, Announcers. Alfonso Rosales Navarro, Art Director. Andres G. Jimeno, Technical Director. M. A. Blanco, Manager. Andres G. Jimeno & Cia., Owners. Studios: Permanent Exposition of National Products. Plant: Olaya Herrera Suburb. Apartado 674.

HJ1ABJ "La Voz de Santa Marta," Santa Marta 1.5 kw 6.025. Julio A. Sanchez T., Owner.

HJ1ABP "Radio Cartagena," 1 kw 9.600 relays HJ1ABR 500 w 1.400 (s) "Under the Double Eagle," March (i) Xylophone. Alberto Basmagi, Roberto Troncoso N., and Victor Julio, Announcers. J. Balthazar, Director. Roberto Lequerica, Manager. Radiodifusora Cartagena, S. A., Owners. Apartado 37.

HJ2ABC "La Voz de Cucuta," Cucuta, Norte de Santander, 750 w 4,787.5 & 9,575 (s) "Dreaming the Waltz Away," organ solo by Jesse Crawford. Luis Maria Diaz Matheus, Announcer. Jose Alejandro Sanchez Cuadros, Managing Director. Pompilio Sanchez Cuadros, Owner. Address: Emisora "La Voz de Cucuta," Cucuta, N. de S., Colombia.

HJ2ABD "Radio Bucaramanga," Bucaramanga 670 w 5,980. (Sold by Hector McCormick to unknown parties.)

HJ3ABD Emisora "Nueva Granada," Bogota 1 kw 4,841 (s) "Para ti Rio Rita" followed by "Himno Nacional de Colombia." (i) None. Jose Roldan-Castello, Announcer. Roberto Ramirez, Manager. Colombia Broadcasting, S. A., Owners. Studios: Carrera 7a, No. 21-14. Apartado 509.

HJ3ABF "La Voz de Bogota," Bogota (ex HKF) 6,070 (s) "Good night, Sweetheart." Interval: 6 chimes. Uribe & Moreno, Owners, Edificio Lievano No. 301. Apartado 312. (Won't verify.)

HJ3ABH "La Voz de la Victor," Bogota 1 kw 6,012 & 1,005 (o) "Serenade from Student Prince in Heidelberg," organ. (i) 3 chimes. (s) "Russian Lullaby," organ. Rafael Valencia A., Announcer. Jesus Maria Garcia, Manager. Manuel J. Gaitan, Owner. Studios: Edificio Lievano 112. Apartado 565.

HJ3ABX "La Voz de Colombia," Bogota 1 kw 6,122 (s) "Indian Love Call" from Rose Marie. (i) Notes of the Colombian National Anthem. Eduardo Ramos, Announcer. C. Rios Hoyos, Managing Director. Voz de Colombia, Inc., and Cipriano Rios Hoyos, Owners. Apartado 2665. (Veri via QRC.)

HJ4ABB "Radio Manizales," Manizales 6,110. Apartado 175.

HJ4ABC "Ecos del Combeima," Ibague 6,090. Tx Tolima Conservatory Building. Mario M. Barrios, Managing Partner. Lamus & Rivera, Owners. Apartado 39.

HJ4ABD "La Voz Catia sobre el Valle del Aburra," Medellin 5,780, 5,900 & 6,138 (s) "William Tell Overture, Part IV." Equipment, studios and offices in City Hall (Palacio Municipal). Luis Emiro Mejia, Managing Director.

HJ4ABE "La Voz de Antioquia," Medellin, Department of Antioquia (ex HKO) 1 kw 6,097. Relays HJ4ABK 1250 (s) "Dos de Abril," March. (i) 4 chimes. Gustavo Lopez C. and Mario Jaramill D., Announcers. Luis Ramos H., Director. Carlos Escobar P., Manager. Cia. Colombiana de Radiodifusion, Owners.

HJ4ABH "La Voz de Armenia," Armenia, Caldas 1 kw 9,520. Relays HJ4ABN. German Hoyos G., Mgr. Hoyos, Gutierrez & Aristizabal, Owners.

HJ4ABP "Emisora Claridad," Medellin 2.5 kw 6,030. Relays HJ4ABQ 1320. (s) "Marcha de los Soldaditos de Madera" (Parade of the Wooden Soldiers).

HJ4ABU "La Voz de Pereira," Pereira, Caldas 6,150 (s) "El Hombre Payaso" (The Clown). Cesar & Mario Arango Mejia, Owners.

HJ5ABD "La Voz del Valle," Cali, Valle 6,085. Jorge E. Rivas, Mgr. (Veri via QRC.)

HJU "La Voz del Pacifico," Buenaventura 1 kw 9,510 (s) "Palmira" March. Alberto Pinzon Neira, Station Manager. Pacific Railway, Owner. (Veri via QRC.)

## COSTA RICA

TI-EP "La Voz del Istmo," San Jose 500 w 6.690 (s) "Under Hawaiian Skies." Eduardo Pinto Hernandez, Owner. Apartado 257.

TI-GPH "Alma Tica," San Jose 1.5 kw 5.830. Gonzalo Pinto Hernandez, Owner and Operator. Apartado 800.

TI-LS—Radioemisora "Para Ti" (For Thee) San Jose 5.905 & 880 (o) "Washington & Lee Swing." (s) "Adios, mi Chaparrita" (Farewell, My Little One). Luis J. Saenz, Operator. Apartado 3.

TI-MC Estacion "Cultura," San Jose 5.230. M. L. Coronado, Owner.

TI-OW "Ondas del Caribe," Puerto Limon 400 w 6.850. Frank Wimmer, Operator & Announcer. Otto F. Wimmer, Owner. Apartado 45.

TI-PG "La Voz de la Victor," San Jose 1 kw 6.410, 9.550 (s) "Parade of the Wooden Soldiers." Perry Girton, Owner. Apartado 225.

TI-RCC "Radioemisora Catolica Costarricense," San Jose 500 w 6.550 relays TIAC 500 w 1,200 (s) "The Lost Chord." (i) 4 bells. Amando Cespedes Marin (TI4NRH) Engineer & Announcer. Monsenor Dr. Carlos Borge C., Director. "La Soledad" Church. Apartado 1064.

TI-VL "La Voz del Morazan," San Jose 7.000.

TI-XGP3 Estacion "X" La Reina del Aire, San Jose 1 kw 5.830. Gonzalo Pinto Hernandez, Owner and Operator. Apartado 800.

TI-4NRH Heredia 100 w 9.670. Amando Cespedes Marin, Engineer & Director. Amando Cespedes junior, Operator. Lidylia Cespedes Arias, Secretary. Apartado 40.

TI-5HH "La Voz de San Ramon," San Ramon 200 w 5.500. R. Herrera O., Mgr. Herrera Hermanos (Herrera Brothers), Owners.

TI-8WS "Ecos del Pacifico," Puntarenas 120 w 7.500 (s) "San Lorenzo" March. Abel Salazar F., Owner. Apartado 75.

## CUBA

CO-BC "El Progreso Cubano," Habana 1 kw 9.350 relays CMBC 630 kc (s) "Morir Sonyando" (To Die Dreaming) Waltz. Adalberto Fernandez and Antonio Estruch, Announcers. Ovidio Fernandez, Director. Manuel Fernandez, Manager. Domingo Fernandez, Owner. Studios: Maximo Gomez 139. Apartado 132.

CO-BZ Radio "Salas," Habana 250 w 9.030 relays CMBZ 1,000 kc (s) "Popular Melodies accompanied by Nightingales and Canaries, Reich's Aviary. Bremen," Victor record V-1-B. (i) 4 Chimes. Jose Alberto Iniguez, Juan M. Tabares and Enrique R. Hernandez, Announcers. Manuel & Guillermo Salas, Owners. Studios: San Rafael 14. Apartado 866.

CO-CD "La Voz del Aire," Habana (Vedado) 250 w 6.130 relays CMCD (o) "In a Clock-Store." (s) "Goodnight Melody." J. Benitez, Manager. Studios: Hotel Palace, Calle 25 y G., Vedado. Apartado 2,294.

CO-CH "General Electric," Habana (Vedado) 5 kw 9.428 (s) "Maria la O" (Maria My Own) composition of Ernesto Lecuona. A. Zayas Bazan, Director. General Broadcasting Co., Owner. Studios: Calle B No. 2, Vedado. Apartado 41.

CO-CM "Trans Radio Columbia," Habana 9.775 (off frequency 9.820) relays CMCM 850. Dr. Mario Garcia Navarro, Clerk. Transradio Columbia, S. A., Owners. Studios: 23 No. 482, Vedado. (QRC will not waste postage forwarding reports to this station.)

CO-CO Habana 2.5 kw 6.010 relays CMCF 810 (s) "Caribe" Waltz. (i) Three Musical Notes: D flat, C and A flat. Ernesto Casas Rodriguez, Announcer. Luis Casas, Jr., Technical Director. Luis Casas Romero, Manager. Luis Casas & Sons, Owners. Studios: San Miguel 86, altos. Apartado 98.

CO-CQ de la Crema Dental Colgate y el Jabon Embellecedor Palmolive, Habana 9.750. Relays CMQ del Jabon Candado 880. (s) "Siboney." Angel Cambo, Director. Miguel Gabriel, Manager. 25 No. 445, entre 6 y 8, Vedado.

COCW "La Voz de las Antillas," Habana 200 w 6.330 (s) "Estrellita" or Little Star, organ. (i) 3 Chimes. V. Gonzalez, F. Fernandez, C. Irigoyen, P. Medina, Announcers. A. Gil, Technical Director. M. Troncoso and A. Gil, Managers. Adolfo Gil Izquierdo, Owner. Studios: Paseo de Marti, 105, altos. Apartado 130.

CO-CX "La Voz del Radio Philco," Habana 2 kw 11.435 relays CMX 920 (s) "Pajarillo Barranqueno." (i) 4 chimes. Mario Viera, Wifredo Garcia, Juan Dominguez, Announcers. Mario Lavin, Director. Francisco A. Lavin, Manager. Casa "Lavin," Owner. Studios: Av. Simon Bolivar 76, altos. Apartado 32.

CO-GF Matanzas 1 kw 11.800 relays CMGF 250 w 1120 (s) "Vals Diana." Salvador de la Torre, Manager. Bernabe R. de la Torre, Owner & Director. General Betancourt 51 (Playa).

CO-HB Sancti-Spiritus, Santa Clara Province, 2 kw 6.280 relays CMHB 1240 (s) "La Traviata" (Brindis or Drinking Song). (i) 4 strokes of a gong. Adolfo Rubio and Ernesto Gonzalez, Announcers. Ortelio Ramirez Isla, Director. Vicente Weiss Arias, Manager. Vicente Weiss & Ortelio Ramirez, Owners. Studios: Serafin Sanchez No. 3. Apartado 85.

CO-JK del Radio Zenith, Camaguey 1 kw 8.665 relays CMJK de El Camagueyano (newspaper) 780 kc (i) 3 tone gong. Vincent P. Jones, English Announcer. Juan B. Castrillon, Manager. Frank H. Jones, Owner. Studios: Finlay 3, Altos.

CO-KG Santiago de Cuba (Loma de Quintero) 2.4 kw 6.200. Relays CMKG 1160. Emilio Grau Medina, Mgr., Manuel Grau Medina, Technician. Apartado 137.

#### CZECHOSLOVAKIA

OLR "Radiojournal," Prague (Podebrady) 24-34 kw (o) Melody from Dvorak's New World Symphony on hunter's horn. (s) Bells from St. Vitus Cathedral at Praha (recording). Announcers: Leslie Hill, English; Richard Durdil, Czech; J. Horvath, Slovak. Ing. Svoboda, Director. Bohuslav Tvrdy, Manager. Government Station under direction of Ministry of Posts & Telegraphs. Offices: Praha XII, Fochova 14.

#### DENMARK

OXY "Danmarks Radio-Koebenhavn-Kalundborg," Skamlebaek (50 miles WNW of Copenhagen) .5 kw 6.060 and experimentally 6 kw 9.520 & 11.805 (s) "Der er et yndigt Land" (There's a Winsome Land) National Anthem. Government Station. Post-og Telegrafvaesenet, Radioingeniortjenesten, Bernstorffsgade 32, 1 Copenhagen, V., Denmark.

---

Join the QRC—a live Club that prides itself in being different—a Club with personality and new ideas, surpassing in excellence the older and larger clubs that reveal themselves irked by the rapid growth of the QRC.

**MORE  
STATIONS**

**LESS  
NOISE**

**MAGNETITE  
CORE  
TRANSFORMERS**

## **3 reasons why short wave fans like new RCA antenna!**

RCA Magic Wave Antenna System  
cuts noise to minimum on all wave  
bands from 530 to 23,000 kcs. . .  
operates up to 16 outlets  
on one antenna!

**Y**OU don't have to wait till the bands are "hot" to pull in those short wave stations—when you have an RCA Magic Wave Antenna System working for you!

This outstanding new antenna gets more stations! Its wide frequency range (530 to 23,000 kcs.)—plus its amazing noise reducing qualities (due to magnetite core transformers and scientific transmission line)—are the reasons!

The Magic Wave System provides one antenna coupling unit and one receiver

coupling unit. Each unit has two transformers, both of which use magnetite cores! For operation of 16 outlets, special distribution transformers and additional receiver coupling units are required.

In spite of its splendid performances, the new Magic Wave antenna costs only \$6.95 (single outlet), assembled in one complete unit ready for installation. Is very easy to install. Get one today— and enjoy new short wave thrills! Write to Dept. R for further details.



# **PARTS**

RCA MFG. CO., INC., CAMDEN, N. J.  
*A Service of the Radio Corporation of America*

**FOR FREQUENCY COVERAGE UP TO 70,000 KCS., SPECIAL INSTALLATIONS, USE RCA SPIDER-WEB ANTENNA. ASK FOR DETAILS**











## VERI ASSURANCE

In requesting verification via the QRC, no letter of request need be addressed the station. Merely enclose a memo with your reports indicating which of them you wish verified, and the QRC will make the request for you. Preferably QRC forms, available at 90 for 9 cents post-paid, should be used, but any form will do. Please use light-weight paper, however, in order not to cause the QRC unnecessary expense in the handling of requests by air mail. The following is an adequate form:

### QUIXOTE RADIO CLUB

Station:		QRC No.
Date:		
Hour:		
Log:		
Modulation QSA	Fading—QSB	Overall Merit
Intensity—R	Slow Shallow	Excellent
Interference QRM	Rapid Shallow	Good
Atmospherics QRN	Slow Deep	Fair
Receiver:	Rapid Deep	Poor
	Observer:	
	Locality:	

For members who have QRC forms but have not yet caught on to the manner of their use, may we suggest that it is greater sport to tune from one station to another until you chance upon a musical selection known by name. Log this selection, indicating how well it is heard and, upon identifying the station, move on in search of another familiar piece of music. In this way you will log the greatest number of selections in the shortest space of time. Skipping around is much more fun than holding a single program, especially if poorly heard, hoping that they might play a piece you can log by name.

Each "dime veri station" definitely logged counts one point in the "duplex contest" whether or not its verification is requested. Only one point is allowed for each station regardless of how many times you may log it. By a definite log is meant one that could be verified if so desired. Generalities such as "man talking" or "music" are not admissible. If impossible for you to name a selection, then at least describe it by stating the tempo (fox trot, waltz, march, tango, etc.) and whether by an orchestra, a band, or, if a solo, name the instrument. If there be a vocal refrain, state whether soprano, tenor, mixed voices, etc. But, it is always preferable to name the selection, the name alone being quite sufficient.

(See Inside Front Cover)



# SHORT WAVE REPORTER

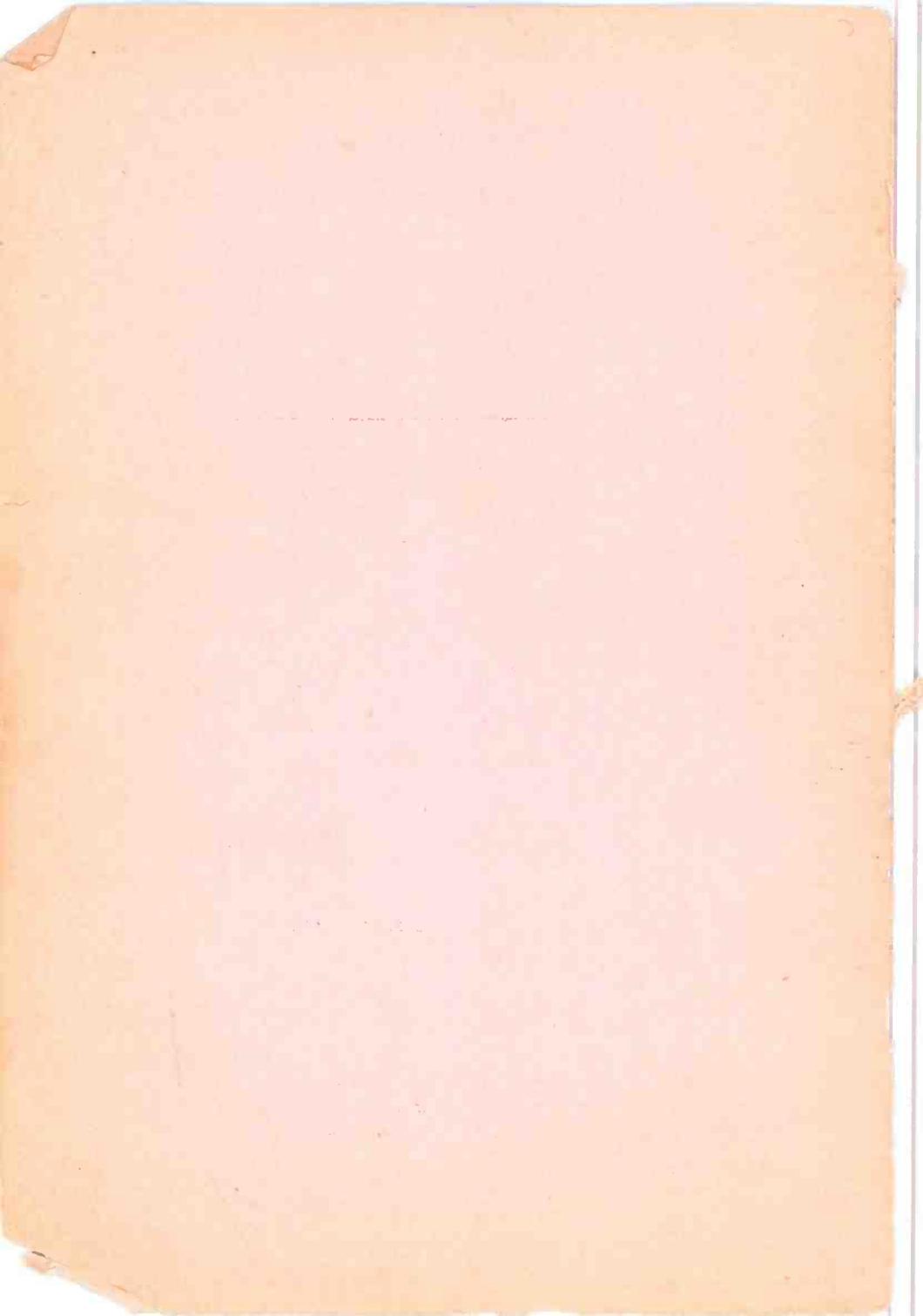


OCTOBER, 1936

77  
QUIXOTE RADIO CLUB  
Box 772  
Santa Barbara, California

No. 1

15 cts



# SHORT WAVE REPORTER

When it's Noon at Daventry

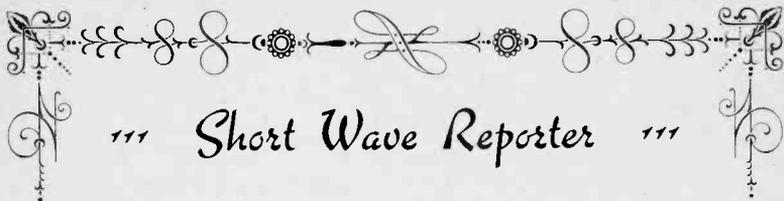
Longitude	Time		
	180 2400	12 PM	International Date Line
		11:30	Wellington, New Zealand
East	165 2300	11	
	150 2200	10	E A T Sydney, Melbourne
		9:30	Adelaide
	135 2100	9	J M T Tokyo, Nazaki, Kemikawa-cho
		8:47	Khabarovsk
	120 2000	8	T A T Perth, Hongkong, Macao, Shanghai
		7:34	Bandoeng, Java
		7:20	*Singapore
	105 1900	7	
	90 1800	6	
		5:54	Calcutta
		5:30	Bombay
	75 1700	5	I S T
	60 1600	4	Mauritius
	45 1500	3	
		2:30	*Moscow
		2	Nairobi
	30 1400	2	S & T Cairo, Johannesburg, Salisbury
East	15 1300	1	C E T Berlin (Zeessen), Geneva, Rome
		12:20 PM	Eindhoven, Huizen, Amsterdam
Meridian	1200	12 Noon	Daventry, Lisbon, Madrid, Rabat
		11:51 AM	Paris
West	15 1100	11	Reykjavik, Punchal
		10:55	Santa Cruz de Tenerife
	30 1000	10	Azores, Cape Verde Is.
	45 0900	9	
		8:35	Rio de Janeiro, ** Buenos Aires
		8:15	Montevideo, Uruguay
	60 0800	8	A S T Georgetown, British Guiana
		7:29	Hallifax, La Paz, Buenos Aires, * Valparaiso
		7:20	Caracas, Venezuela
	70 0720	7:10	Trujillo City, Dominican Republic
		7:10	Maracaibo, Venezuela
	75 0700	7	E S T New York, Habana, Bogota, B'quilla
		6:52	Cartagena, Colombia
		6:30	Tagucigalpa, Honduras
	90 0600	6	C S T Winnipeg, Mexico City, San Jose, Heredia
	105 0500	5	M S T Denver
	120 0400	4	P S T San Francisco, Vancouver
	135 0300	3	East Aleeka, Yukon
	150 0200	2	Central Alaska, Tahiti
		1:30	Honolulu, Hawaii
West	165 0100	1	West Alaska
		12:30 AM	Samoa
	180 0000	Midnight	International Date Line

\*) Perpetual Daylight Saving Time  
\*\*) Southern Summer

To compute the difference in time between two points, find in the second column the time of each. Deduct the lower. Or note the difference in degrees of longitude. One degree equals four minutes; fifteen degrees, one hour. The day begins at "east"—the top of the chart.

Short Wave Reporter published monthly (excepting July and August)  
by Quixote Radio Club, Box 772, Santa Barbara, California.  
15 cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1936 by E. J. Shields, Chots.

A decorative horizontal flourish with symmetrical scrollwork and floral motifs on either side, framing the title.

## Short Wave Reporter

### SALUTATION!

Owners of all-wave receivers, beware of turning these pages for within lurks that bug called "short-wave enthusiasm." Unless on your guard, it will bite you in the end—that is, eventually—and, once bitten, the fever must run its course. Read on at your peril.

Economists teach that it is business acumen to seek the greatest return, with the least risk, from an investment. With no risk, your radio investment yields pleasure—an abundance of pleasure—at your command merely by turning the knob! Be not content to listen only to local entertainment, but venture farther afield! Explore the short-wave spectrum! The pleasant surprises there to be discovered are infinite!

The Quixote Radio Club, now in its fourth year, was conceived in Habana—Cubita bella—where American programs, free of local interference, could be heard only by short-wave. Our interest remains perhaps even as yours, primarily in distant reception of program value. Hence we prefer to style ourselves "mildly DXers," DX being the telegraphic symbol for "distance."

A rule inviolate of the Club is, therefore, that members shall sleep at least every third night! Members are they who subscribe to this magazine, each subscriber being assigned a distinctive number in evidence of such membership. It is due to the enthusiastic cooperation of the QRC Members that the publication of this magazine has been possible. We take pride in the fact that the features developed by this Club are unique! Comparison with others, even remotely similar, will at once reveal their superlative merit! Precision and accuracy are our watch-words! To your enjoyment, the following is dedicated:

### THE "F. B." LOG

In this feature, you have the most useful and accurate log anywhere to be found. Without fear of successful contradiction we say this, because it is no ordinary list of authorized frequencies in desuetude. Instead, it is a list of stations really in operation whose frequencies have been checked with precision instruments. With absolute confidence in its accuracy, you can set your calibration by it. This is but the first instalment. Other instalments will follow until the whole is complete from 5,600 to 21,600 kc. The sta-

tions are spaced in exactly the same relative position in which they will be found on the dial of your receiver. The frequencies given are actual frequencies, regardless of assignments or announcements. Be not confused if these be at variance with other published logs. These are correct! This log is the result of several years of careful observation — it is highly accurate — in a word, it is the best, and you should by all means have the best!

#### STATION DATA

Alphabetically listed by call signals, for your convenience, you have here authentic details helpful in identifying the stations you log. The frequencies shown in this section are generally the assigned or announced frequencies. A few stations, unlikely to be heard in America, have been omitted purposely!

#### BROADCAST SCHEDULE

This section shows graphically, in Eastern Standard Time, the hours of usual operation. Since the publication of schedules in several standards of time is not feasible, it is recommended that you simplify the conversion by moving your clock to E. S. T. Until officially checked by the QRC, the frequencies used here are those assigned or announced. Upon being checked, if habitually off-frequency, they may be so shown. This graphic form of composition is expensive, but, we believe, most convenient for you, and your convenience is our objective. That you may find it most helpful is our wish!

#### THE CONNOISSEUR PLAN!

This QRC feature, of proven popularity, has already produced more than 25,000 reports. It is not a contest with prizes for a favored few, but constructive cooperative effort with awards for everyone entitled to them. You render a useful service while amusing yourself. Briefly, it is this:

For ten reports each, on the reception of any thirty short-wave broadcast stations, submitted on QRC forms, the QRC will confer the title "Connoisseur of Short-Wave Reception," and award, as a prize, the listener's choice of any National Geographic Society map, mounted on linen, or, if preferred, any prize of like value.

The name of a musical selection, part of an announcement, or the name of a product advertised is a sufficient log. Listeners tune when, as and if they please, reporting upon any number of stations, but, to earn an award, their reports on at least thirty stations must total ten each. "Broadcast" does not include point-to-point relays, commercial telephone, special services nor amateurs. These do not, as a rule, request reports of casual listeners. For uniformity and convenience in handling, the use of QRC Forms for all Connoisseur Reports, including those for verification, is prerequisite. Sufficient forms for 100 reports will be supplied post-paid for 10c. With each report entered, remit 1/2c. Of this sum 1/4c applies to the prize to be received

upon completing the required number of reports. The remaining  $\frac{1}{4}c$  applies to the postage for the forwarding of the reports by the QRC to the respective stations. If the postal rate be  $3c$ , these are forwarded by the QRC as soon as 15 for any one station have been assembled, or, if the rate is  $5c$ , as soon as 25 reports on the same station have been gathered together. Remittances may be in dimes, fastened securely with gummed tape.

#### VERIFICATIONS GUARANTEED!

The QRC will request the verification of Connoisseur Reports, upon deposit of an additional  $5c$  each. You have no letters of request to write. The QRC does this for you. Simply mark with a "v" in the left-hand margin those reports you wish verified. Enclose them with a list to the QRC. Verifications are usually sent by the stations to the QRC for re-forwarding in the United States. Subscribers to this monthly should also remit  $1c$  to cover this reforwarding postage. Should the station fail to verify, your deposit will be refunded by the QRC, thus protecting you from loss. That is our guarantee! To repeat, the procedure is as follows: Buy a dime's worth of QRC forms; mark with a "v" the reports you wish verified; list your requests on a piece of paper and remit to the QRC with  $6\frac{1}{2}c$  each; that is,  $\frac{1}{2}c$  for the Connoisseur Plan,  $1c$  for re-forwarding postage, and  $5c$  deposit for your verification. The QRC does the rest!

#### SWL CARD EXCHANGE

Listeners wishing to trade Short-Wave Listener cards may do so by simply sending the QRC ten of their own cards to qualify as a trader, and ten cards with  $10c$  to be traded. In return, they will receive an assortment of ten different SWL cards. All cards must be printed and bear no writing other than your signature. Affix the dime with adhesive tape to the back of one of the cards. Tie the cards with a piece of string and mail in an open envelope marked "third-class." In this way the postage on 20 printed cards will be  $3c$ , or on 10 printed cards  $1\frac{1}{2}c$ . The trader is not required to send his card also to those whose card he receives. This the QRC does for him. Having once qualified as a trader, it is not necessary again to send extra cards on further trades—only ten and a dime for ten!

IN CONCLUSION it is altogether probable that we may have overlooked explaining some of the important QRC features. Subscribers are invited to ask any questions they wish and the points raised will be discussed in future issues, or, if reply postage be provided, a direct reply will immediately be given. Subscribe now and receive all complete! Do your friends a favor and tell them of this new magazine. We thank you!



## QUIXOTE RADIO CLUB

## CHILE

- CB960 Radio Difusora Pilot, Santiago 9.600 (31.25) (s) Rhapsody in Blue by Gershwin. Owners: Godoy, Humeres y Rocuant. Transmitter: San Jose 475. Office: Compania 1288 No. 5, 3rd floor. P. O. Casilla 1342.
- CEC Santiago 2 kw 10.670 (28.12) Owner: Cia. Internacional de Radio, S. A. (ITT subsidiary). Central Manager: John T. Quinn. Chief Radio Operator: F. Alvarez L. P. O. Casilla 16-D.

## CANADA

- CFCX Montreal, P. Q. (ex VE9DR) 6.005 (49.96) Relays CFCF. "Power output is in excess of 75 watts." Owned and operated by Canadian Marconi Co. M. J. Humphreys, Mgr. P. O. Box 1690.
- CJRO Winnipeg, Man. (ex VE9CL) 2 kw input, 6,150 (48.78) Owner: James Richardson & Sons, Ltd. Manager of Radio Division: H. R. McLaughlin. Offices and Studios: 157 Royal Alexandra Hotel.
- CJR X Winnipeg, Man. (ex VE9JR) 2 kw input 11.720 (25.6) See CJRO
- CR CX Toronto, Ontario 500 w 6.090 (49.26) C.R.B.C. time signal 10 P.M. EST chimes: "O Canada." Operated and controlled by the Canadian Radio Broadcasting Commission. Chief Engineer: F. J. Garrod. Address: 805 Davenport Road.
- VE9BK Vancouver, B. C. 4.795 (62.565) Operated by Radio Sales Service, Ltd. Manager: A. M. Jagoe. Address 780 Beatty Street.
- VE9CA Calgary (Strathmore) Alta. 6.030 (49.75) Relays CFCN. Owner: "The Voice of the Prairies, Limited." Studios and Offices: Toronto General Trusts Building.
- VE9CS Vancouver, B. C. 2 watts 6.070 (49.42) Operated by Trott-Hill Radio Service Engineers, Ltd. (Cyril Trott & Norman Hill). Address: 734 Davie Street.
- VE9DN Drummondville (Montreal) P. Q. 6 kw input 6.005 (49.96) Relays "Northern Messenger" program in winter. Owners: Canadian Marconi Co., 211 St. Sacrament St., Montreal, P. Q. Verifications: Canadian Radio Broadcasting Commission, King's Hall Building, 1231 St. Catherine Street W., Montreal, P. Q.
- VE9HX Halifax, N. S. 200 w 6.130 (48.9) Relays CHNS. Owner: The Maritime Broadcasting Company Limited. CHNS and VE9HX are associated with The Halifax Herald and The Halifax Mail. P. O. Box 998.

## CUBA

- CO9JQ Camaguey, Camaguey Province 150 w 8.665 (31.62) Relays CMJA. Owner: Rafael Grimany Varona. Street address: Calle del Gral. Gomez No. 4. P. O. Apartado 61.
- CO9WR Sancti-Spiritus, Santa Clara Province 100 w 6.280 (47.77) Relays CMHB. Owner: Sancti-Spiritus Broadcasting Co. Manager: Vicente E. Weiss Arias. Announcer: Adolfo Rubio Edilla. Technicians: Ortelio Ramirez e Isla, and Santiago Madrigal Peralta. Street Address: Independencia, 33. P.O. Apartado 85.
- COCD La Voz del Aire, Habana (Vedado) 250 w 6.130 (48.92) Relays CMCD. Owner: La Voz del Aire, S. A. Manager: J. Benitez. Street address: Hotel Palace, Calle 25 y G., Vedado. Apartado 2.294.
- COCH Habana (Vedado) 750 w 9.428 (31.82) (s) Maria la O (Maria my Own) by Ernesto Lecuona. Owner: General Electric Co. de Cuba. Manager: Dr. Antonio Zayas Bazan. Street Address: Calle "B", No. 2. P. O. Apartado 41.



- C O C O** Habana 6.010 (49.92) Engineer: Luis Casas, Jr. Announcer: Ernesto Casas. P. O. Apartado 98.
- C O C Q** De la RCA-Victor, Habana 9.750 (30.77) Relays CMQ 880 kc de "La Casa de las Medias" y los cigarros "Competidora Gaditana." (s) "Siboney." Director: Angel Cambo. Manager: Miguel Gabriel. Operators: Alberto Fernandez, and M. Fernandez Morales. Announcers: Miguel Buendia, and Manolo Serrano. Address: 25 No. 225, Vedado, Habana.
- C O C X** "La Casa Lavin," Habana 2 kw 11.450 (26.20) Relays CMX and curfew cannon shot from La Cabana fortress at 9 P.M. each night. Authorized also to broadcast on 31 meters. Address: Edificio "Calle".
- C O K G** Santiago de Cuba (Loma de Quintero) 2.4 kw 6.150 (48.79) Relays CMKG. Slogan: "Ask for Bacardi." General Manager: Emilio Grau Medina. Technical Director: Manuel Grau Medina. P. O. Apartado 137.

## PORTUGAL

- CR 6 AA** Lobito, Angola, Portuguese West Africa 1kw input 9.660 (31.06) Owned by the Manica Trading Co., Ltd.. General Agents for Eddystone Radio Products, Caixa Postal 118.
- C S W** Emissora Nacional, Lisbon, 500 w 9.740 (30.80) Government Station: Ministerio das Obras Publicas e Comunicaciones, Administracao General dos Correios e Telegrafos, Direccao dos Servicos Radioelectricos Lisboa, Portugal
- CT 1 A A** Radio Colonial, Lisbon 2 kw 9.650 (31.09) Interval Signal: Cuckoo call thrice. National Anthem "A Portuguesa." Owner: Abilio Nunes dos Santos Jr., Av. Antonio Augusto d'Aguiar, 144.

## GERMANY

- D J** - Berlin (Zeese). Interval signal: Nine musical notes from old German folk song "Ueb' immer Treu und Redlichkeit" (Ever be true and honest), melody of the chimes of Garrison Church in Potsdam in memory of the opening there in March, 1933, of the first Reichstag under the National Socialist (Nazi) rule. (s) "Horst-Wessel Lied," Nazi marching song, followed by "Deutschlandlied." Address: Reichs-Rundfunk G.M.B.H., Deutscher Kurzwellensender, Berlin - Charlottenburg 9, Masurenallee 8-14.

## SPAIN

- E A Q** Madrid (Aranjuez) 20 kw 9.860 (30.43) U. P. News by Lester Ziffren. Announcement: "aqui e a cu." English announcer: S. H. Gordon-Box. Opens programs with Spanish "pasodoble;" closes programs with national anthem "Himno de Riego." Closes International Broadcasting Co., Ltd., English programs with "Good Night Melody" by Ted Lewis. Owner: Transradio Espanola. S. A. Street address: Alcala, 43. P. O. Apartado 951.

## GREAT BRITAIN

- G S** - London (Daventry). Broadcasts preceded by 1,000 cycle monotone (whistle). Interval signal: Chimes of Bells of Bow Church (Cheap-side). Greenwich time signal pips. Big Ben strikes the hour, preceded by the Westminster Chimes to which has been set the verse: "All thru this hour, Lord, be my Guide, and by Thy Power, no foot shall slide." (s) God Save the King. Concessionaire: The British Broadcasting Corporation. Address: Broadcasting House, London, W. 1.



## HUNGARY

- H A — Radio Budapest (Szekesfehervar) 47 09 40 N 18 24 00 E 5kw  
Slogan: "Justice for Hungary." National Anthem: "Isten ald meg a Magyar" (Lord bless the Hungarian). State owned: Magyar Kiralyi Posta (Royal Hungarian Post). Address: Radiolabor, Kiserleti Allomasa, Budapest, IX., Gyali-ut 22, Hungary.

## SWITZERLAND

- H B — Radio Nations, Geneva (Prangins) No musical signature. Chief of the Wireless Service: C. H. Calame. Address: Radio Suisse — Radio Nations, 12, Quai de la Poste, Geneva.

## ECUADOR

- Prado Riobamba 6.618 (45.31) Announcer: Senorita Judith. Manager: Carlos Cordovez. Owner: "El Prado" Textile Mills. P. O. Apartado 98. (For verifications send 5c in U. S. stamps instead of IRC, because coupons may be cashed only at Quito.)
- HC1PM Estacion "El Palomar" (The Dove-Cote) Quito 5.725 (52.4) Operator: J. Leonardo Ponce. P. O. Casilla 664.
- HC2CW Ondas del Pacifico (Waves of the Pacific) Guayaquil 8.404 (35.70) Director: F. Wilmot. Owners: Alvarado & Wilmot. Casilla 1166.
- HC2ET Radiodifusora de "El Telegrafo," Guayaquil 4.600 (65.22) Interval signal: 12 chimes. Owner: "El Telegrafo" (newspaper). P. O. Casilla 824.
- HC2JSB Ecuador Radio, Guayaquil 7.854 (38.19) Interval signal: One stroke of deep-toned gong. Owner: Juan S. Behr. Apartado 805.
- HC2RL "Quinta Piedad," Guayaquil, Guayas Province 200 w 6.668 (45.13) actually 6.635. Calls "Hello, America." (s) Ecuadoran Anthem "Salve, O Patria," Owner: Maria Piedad Castillo de Levi. Manager: Dr. Roberto Levi. Street address: Tomas Martinez No. 307. P. O. Casilla 759.
- HCETC Radio del Teatro Bolivar, Quito 6.895 (43.51) Director: Manuel Mantilla. Owner: Empresa de Teatros y Cinemas. Apartado 134.
- HCJB La Voz de los Andes, Quito 250 w 8,917.5 (33.53) simultaneously with 4.100 (73) and La Voz de Quito 974 (308). Dedicated to the Gospel of Christ. Director: Clarence W. Jones. Manager: Francisco Cruz M. P. O. Casilla 691.
- HCK Radiodifusora del Estado, Quito 250 w 5.885 (50.975) Government Owned. Studio Engineer: J. Oswaldo Avila. Address: Direccion Gral. de Telegrafos, Telefonos e Inalambricos, Quito.

## HAITI

- HH-2S Port-au-Prince 100 w 5.910 (50.76) Manager: Armand Mallebranche. Owner: Societe Haitienne de Radiodiffusion. P. O. Boite A-103.
- HH3NW Port-au-Prince, 6.335 (47.35) In parallel with HH3W.
- HH-3W Port-au-Prince 30 w 9.595 (31.27) Relays HH-2W. Owner: C. Ricardo Widmaier. P. O. Boite A-117.

## DOMINICAN REPUBLIC

- HI-1A La Voz del Yaque (River), Santiago 50 w 6.190 (48.47) (s) "All Hands." Owner: Rafael Western. Apartado 423.
- HI-1J San Pedro de Macoris 42 w 5.865 (51.15) (s) Indian Love Call from Rose Marie by Jesse Crawford, organ. Slogan: Nuestra Patria es America. Builder-Owner: Fausto M. Donastorg. Art Director: Miguel Zaglul. Asst. Technical Director: Octavio Bones G. Official Announcer: Luis Hernandez. Street address: Calle Anacaona Moscoso, 3. P. O. Apartado 204.



- HI-1S La Voz de la Hispaniola, Puerto Plata 20 w 6.420 (46.72) Owner: Generoso Sarnelli.
- HI-3C La Voz de la Feria (The Voice of the Fair) La Romana 50 w 6.730 (44.58) Owners: Moises Garip and Roberto Palli.
- HI-3U La Voz del Comercio, Santiago de los Caballeros 100 w 6.015 (49.88) (s) Maria my Own (Maria la O) composition of Ernesto Lecuona, by Jesse Crawford, organ. Director: Moises Franco y Franco. Street address: Avenida Imbert. P. O. Apartado 23.
- HI-4D La Voz de Quisqueya, Ciudad Trujillo 25 w 6555 (45.8) Quisqueya was the Indian name for the Island. Owner: Dr. Luis D. Santamaria.
- HI-4V La Voz de la Marina, Ciudad Trujillo 25 w 6.450 (46.51) actually 6.483. Director: Luis Raul Betances Ricart. P. O. Apartado 824.
- HI-5N La Voz del Almacen Dominicano, Santiago de los Caballeros 6.150 (48.78) "N" for Nebraska.
- HI-7P Emisora del Comercio, Ciudad Trujillo 25 w 6.800 (44.12) Owner: J. M. Roques R.
- HI-8A La Fa-Doc en el Aire, Trujillo City 100 w 6.450 (46.5) Owner. La Fabrica Dominicana de Calzado (The Dominican Shoe Factory) advertises their own product exclusively.
- HI-8Q Emisora Carta Real, Ciudad Trujillo 300 w 6.240 (48.08) "Q" as in Queen. Owners: Abbes & Garcia. Street address: Avenida Espana No. 12.
- HI-9B Broadcasting Hotel Mercedes, Santiago de los Caballeros 6.040 (49.67) (s) "Evocacion," piano solo. Director: Jacinto L. Sanchez h. Street address: Hotel Mercedes. P. O. Apartado 95.
- H I G Ciudad Trujillo 50 w 6.280 (47.77) Interval signal: Lamb bleat (the director's name, in translation, being Lamb). Director: A. Cordero P. Street address: Av. Jose Trujillo V., No. 20.
- H I H La Voz del Higuamo (River), San Pedro de Macoris 150 w 6.780 (44.25) Owner and Operator: Domingo Dominguez.
- H I L Trujillo City 50 w 6.503 (46.13) Owner: F. C. Teixido. Director: J. C. Pellicer. Artistic Director: L. J. Pelicot. Street address: Av. Independencia 103. P. O. Apartado 623.
- H I T La Voz de la RCA-Victor, Ciudad Trujillo 200 w 6.630 (45.25) Relays H I T 1050. Manager: F. A. Sanabia. P. O. Apartado 1105.
- H I X Ciudad Trujillo 200 w 6.340 (47.32) Government owned. Director of Radio Communications: J. R. Saladin.
- H I Z La Voz de los Muchachos, Ciudad Trujillo 100 w 6.316 (47.5) Owner: Frank Hatton. Street address: Calle Mella No. 44.

## COLOMBIA

- HJ1ABB La Voz de Barranquilla, Barranquilla 6.128 (48.96), 9.560 (31.38) Relays HJ1ABA. (s) "La Golondrina" (The Swallow) organ solo. Owner and Operator: Elias J. Pellet B. Apartado 715.
- HJ1ABC La Voz del Choco, Quibdo, Department of Choco 6.000 (50) Government owned, under the direction of the Department of Education. Director of Education: V. Barrios Ferrer. (Not reported heard recently).
- HJ1ABD Ondas de la Heroica (Waves of the Heroic City) Cartagena 7.281.5 (41.2) (s) Stars and Stripes Forever, Sousa march. Manager: Ignacio de Villarreal. P. O. Apartado 252. (Not reported heard recently).



- HJ1ABE La Voz de los Laboratorios Fuentes, Cartagena 1 kw 9.500 (31.58) Signature for commercial programs: "Relator," march. For DX programs: "Aloha Oe," organ. Manager: Antonio Fuentes L. Announcer: Alberto Basmagi. P. O. Apartado 31.
- HJ1ABE La Voz de Sinclejo, Sinclejo 7.200 (41.67) Former transmitter of Los Laboratorios Fuentes, Cartagena, purchased by M. Vega A. Call to be assigned.
- HJ1ABG Emisora Atlantico, Barranquilla 6,042.5 (49.65) and 9.583 (31.3). Studio located on the Prado, in the Building of the Permanent Exposition of National Products. Owner: Andres G Jimeno. Air-mail address: Apartado Aereo No. 174. Ordinary mail: Apartado Nacional No. 674.
- HJ1ABJ La Voz de Santa Marta, Santa Marta 1.5 kw 6.025 (49.79) and 9.520 (31.52) Owner: Julio A Sanchez T.
- HJ1ABP Radio Cartagena, Cartagena 750 w 9.600 (31.25) Manager: R. Lequerica. Owner: Radiodifusora Cartagena, S. A. P. O. Apartado 37.
- HJ2ABC La Voz de Cucuta 9.575 (31.335) Director: J. Alejandro Sanchez C. Owner: Pompilio Sanchez C.
- HJ2ABD Radio Bucaramanga, Bucaramanga 670 w 5.980 (50.1) Owner: Hector McCormick. Address: Calle 2a No 1205.
- HJ3ABD Colombia Broadcasting, Bogota 6.050 (49.59) Owned and operated by Alford's Radio (Colombia Broadcasting, S.A.) Director: Roberto Ramirez. Address main studios and offices: Carrera 7a. No. 21-14.
- HJ3ABF La Voz de Bogota, Bogota (ex HKF) 6.180 (48.54) Interval Signal 6 chimes. Owners: Uribe & Moreno. Licensee: Gustavo Uribe Th. Office: 301 Lievano Building. P. O. Apartado 317.
- HJ3ABH La Voz de la Victor, Bogota 1 kw 6.012 (49.9) (s) Russian Lullaby, organ solo by Jesse Crawford. Manager: J. Garcia. Owner: Manuel J. Gaitan. Office: Edificio Lievano No. 112. P. O. Apartado 565.
- HJ3ABX La Voz de Colombia, Bogota 6.122 (49) Manager: Dr. Rios Hoyos. Technician: Cesar Estevez. Owner: La Voz de Colombia, S. A.
- HJ4ABA Ecos de la Montana, Medellin 100 w 11.710 (25.06) Manager: Francisco Cuartas.
- HJ4ABB Radio Manizales, Manizales 6.110 (49.1) P. O. Apartado 175.
- HJ4ABC Ecos del Combeima, Ibague, Tolima Dept. 6.090 (49.26). Transmitter installed in the Tolima Conservatory Building. Owners: Lamus & Rivera. Managing Partner: Mario M. Barrios. P. O. Apartado 39.
- HJ4ABD La Voz Catia, Medellin 5.930 (50.59) Owner: Municipality.
- HJ4ABE La Voz de Antioquia, Medellin, Department of Antioquia (ex HKO) 1 kw 6,097.5 (49.2) (s) "Dos de Abril," march. Relays HJ4ABK 1250 kc. Manager: Luis Ramos. Owner: Cia. Radiodifusora de Medellin. Address: Pasajes Bolivar piso 2.
- HJ4ABP Radio Philco, Medellin 1 kw 6.030 (49.75), 6.135 (48.9) Relays HJ4ABQ 1320 kc. Licensee: Hernando Duque.
- HJ4ABU La Voz de Pereira, Pereira, Caldas 6.150 (48.78) Owners: Cesar & Mario Arango Mejia. Announcer: Oscar Mejia U. News Commentator: Dario Mejia U. Clerk: P. L. Velasquez.
- HJ5ABC La Voz de Colombia, Cali, Valle 6.150 (48.78) Owner: Rafael Angulo. Address: Calle 12 No. 235.



- HJ5ABD** La Voz del Valle, Cali 6.085 (49.3) 9.540 (31.45) Manager: Eduardo Cordoba V. Chief Engineer: Miguel A. Rivas.
- H J N** Radiodifusora Nacional, Bogota 6.060 (49.5) Government owned, under the direction of the Ministry of Education.
- H J U** La Voz del Pacifico, Buenaventura 1 kw 9.510 (31.55) Chief Engineer: Eduardo Noguera M. Owner: Ferrocarril del Pacifico (Pacific Railway, subsidiary of National Railways).

## PANAMA

- HP-5 B** Estacion Miramar, Panama 100 w 6.030 (49.75) (s) "Panama" march by Galimany, Panamanian composer. Owner: Radio Panama, S. A. Directors: Guillermo Endara P., Mgr. Enrique Linares, Jr., Chief Engineer. Tomas Arias; Eduardo Vallarino; Balbino Garcia Suarez. P. O. Apartado 910.
- HP-5 F** La Voz de Colon, Colon 6.080 (49.34) Commercial Agent: Manuel D. Joly E. Owner: Servicio Publico de Radio, S. A. Address: Carlton Hotel. P. O. Box 405.
- HP-5 J** La Voz de Panama, Panama 160 w 9.590 (31.28) Manager: Manuel Diaz Doce. Owner: Servicio Publico de Radio, S. A. Address: Caja Postal 867.
- HP-5 K** La Voz de la Victor, Colon 6.005 (49.96) P. O. Apartado 33.

## HONDURAS

- H R D** La Voz de Atlantida, La Ceiba, Atlantida Department 250 w 6.235 (48.115) QRA 86 46 45 W 15 49 00 N. Temp. in shade 87 degrees F., in sun 110. Tx Collins 300 B.A. Ant  $\frac{1}{2}$  wave Hertz. coupled. Directors: Dr. Tulio Castaneda, Emilio A Crespo. Operator: R. Walter.
- H R N** La Voz de Honduras, Tegucigalpa 5.875 (51.065) (s) Good Night Melody by Ted Lewis. Manager: Rafael Ferrari. Engineer: Paul John.
- HRP-1** San Pedro Sula 6.351 (47.24) Director: Manuel Escoto.

## SIAM

- HS8 P J** Bangkok (Saladeng) Siam 100 32 00 E 13 44 30 N 5 kw 10.955 (27.38) and 9.350 (32.09). Programs Siamese, foreign music and news. Tx home-made. Mox grid DC. Tubes RCA & Telefunken. H. T. 9000 v. max. Mike: Telefunken Reiss carbon. Pick up: RCA. Audio amp. resist. cap. coupled. Owner: Post & Telegraph Dept. Superintending Engineer of Radio Section: Lt. Col. Phra Aramronajit.

## VATICAN CITY STATE

- H V J** Radio Vaticano, Vatican City 10 kw 15.121 (19.84) Characteristics: Ticking of clock for five minutes preceding transmissions—Chimes of Saint Peter on the hour—Initial and final words: "Laudetur Jesus Christus." Address: Stazione Radio H. V. J., Citta del Vaticano, Vatican City State.

## ITALY

- I2 R O** Prato-Smeraldo, Roma 25 kw—Interval signal: Twittering of mechanical canaries. (s) Fascist "Giovinezza" and National Anthem "Marcia Reale." Concessionaire: Ente Italiano per le Audizioni Radiofoniche. Address: Via Montello, 5, Roma.

## JAPAN

- J V —** Nazaki, Ibaraki-ken 138 51 00 E 36 10 44 N. Tokio phone, relays JOAK occasionally. Time signal 7:30 AM EST 3 gongs, 10 seconds, 2 gongs, 10 seconds, 1 gong, 10 seconds, 1 musical note.

# SHORT WAVE REPORTER

## The 'F. B.' Log

### 19.481 - 19.737 Meters

15. M/c																				15.		
2																				4		
0	1	2	3	4	5	6	7	8	9	3	0	1	2	3	4	5	6	7	8	9	0	
D	W	P	O	T	R	C	W	D	L	C	G	W	D	C	K	D	H					
J	B	C	L	P	I	S	2	J	R	P	S	2	J	T	W	Z	A					
B	X	J	R	A	M	I	X	Q	U	7	F	X	R	l	U	C	S					
	K			4			E					A	A	A	A	A	3					f w i d h t
																						f z m
																						t p i j v q z c

### 19.231 - 19.481 Meters

15. M/c																				15.	
4																				6	
0	1	2	3	4	5	6	7	8	9	5	0	1	2	3	4	5	6	7	8	9	0
		K	K	P	I	K	K	K	C	J							P			D	
		W	W	R	U	R	K	K	M	D							Y			F	
		O	Z	A	D	F	L	L	A	X							R			R	
									3												
							k	k	k					t		f			w	d	
							r	k	k	e				d		z			c	f	
							r	k	k	m				h		o			b	r	
P				w		p	r	r	c					k						r	
z				q		l	g	u	m					w						t	
e				z		h	o	g	a	3				p						r	
									3					b							

### 18.987 - 19.231 Meters

15. M/c																				15.	
8																				8	
0	1	2	3	4	5	6	7	8	9	7	0	1	2	3	4	5	6	7	8	9	0
			J	O		J		J						J		J				X	
			V	C		Z		Z						I		Y				O	
			F	J		Z		A						A		T				J	
					koq	t				w	w	j		T		w					
					.	q				j	h	n		F		p					
					whv	n				s	l	f		M		e					
r	k	r	r	r	h	w		k	l	w				w		v				k	
t	h	k	k	k	i	a		p	q	c				r		i				e	
r	f	b	d	d	r	e		l	b	e				e		s				c	
					l				3					k							

### 18.75 - 18.987 Meters

15. M/c																				16.	
8																				0	
0	1	2	3	4	5	6	7	8	9	9	0	1	2	3	4	5	6	7	8	9	0
	L				C			F						F							
	S				E			T						Y							
	L				C			K						C							
					j	J				t	w	k		p					w		
					a	V				d	h	o		l				a			
					j	D				i	x	s		g				z			
k	cc			w				k	cc	w	h	f						w		w	
e	kk			c				h	uu	r	p	x						k		k	
s	aa			w				s	ss	k	e	c						o		q	

The figures represent frequency in channels of ten kilocycles; stations using voice or music are shown in CAPITAL LETTERS, with telegraph stations as frequency 'markers' shown in small letters. Note dial readings in the space above the frequency

## QUIXOTE RADIO CLUB

Chief Engineer: S. Kuramochi. Owner: Kokusai-Denwa Kaisha, Ltd. (International Wireless Telephone Co. of Japan). Address: No. 3, 1-Chome, Uchisaiwaicho Kojimachiku, Tokio, Japan. "Overseas Hour" (s) National Anthem "Kimigayo." Sponsored by Nippon Hoso Kyokai (The Broadcasting Corporation of Japan). Head Office: Hibiya Park, Tokio. Studio: Atago Park, Tokio. For verifications of the Overseas Hour, address Hibiya Park; for other relays address Chief Engineer.

## NORWAY

- L K J - 1 Oslo (Jeloy) 1 kw 9.540 (31.45), 6.130 (48.94), 4.930 (60.98), 4.100 (73.17). Interval signal: Motif from Grieg's "Sigurd Jorsalfar" (s) National Anthem "Sang for Norge." Government owned. Address: Le Directeur General, Division de Radiotelegraphie, Ministère du Commerce, Administration des Telegraphes du Royaume de Norvege, Oslo, Norway.

## ARGENTINA

- L R U Radio El Mundo, Buenos Aires 5 kw 15,290 (19.62) Relays LR-one 50 kw 1,070 kc. Programs open and close with a signature composed especially for this Station by the Maestro Alberto Castellanos, and which bears no title. Owners: Editorial Haynes, Ltd., publishers of El Mundo (illustrated daily), El Hogar and Mundo Argentino (weeklies). Address: Calle Maipu, 555.
- L R X Radio El Mundo, Buenos Aires 5 kw 9.660 (31.06) See LRU above.

## BULGARIA

- L Z A Radio Sofia, Sofia 2 kw 14.970 (20.04) National Anthem: "Shoumi Maritza." P. Totoroff, General Director of the Radio-Service. Address: Radio-Sofia, Bulgarie-Sofia.

## PERU

- O A X 4 D Radio DUSA (Difusora Universal, S. A.) La Voz del Peru, Lima 5.780 (51.9) Signs on and off by morse, the signal being modulated at 1,000 c.p.s. Manager: L. A. Anderson. Owner: All America Cables, Inc. P. O. Casilla 2336.
- O A X 4 G Lima 6.230 (48.15) (s) Good Night Waltz. Relays OAX4B 1.200 kc. Owners: Roberto Grellaud y Cia., S. en C., Engineers, Auto Talleres Reunidos. Street address: Avda. Abancay 915-923. P. O. Apartado 1242.

## AUSTRIA

- O E R - 2 Radio Wien, Wien (Vienna) 1.5 kw 6.072 (49.41) Owner: Oesterr. Radioverkehrs A. G. Address: Wien 1, Johannesgasse 4b, Osterreich.

## CZECHOSLOVAKIA

- O L R Radio Podebrady, Prague (Praha) 6.115, (49.05), 11.760 (25.51). 15.230 (19.698). Czechoslovakia Broadcasting Company.

## BELGIUM

- O R K Radio Ruysselede, West Flanders 9 kw 10.330 (29.04) Announcement: "Ici Bruxelles I.N.R. Emission speciale pour le Congo par la station de Ruysselede ORK 29 m 01." Address: Regie des Telegraphes et des Telephones, Direction des Raidocommunications, Bruxelles.



## DENMARK

- O X Y Copenhagen (Skamleback) 500 w 6.060 (49.5) (s) "Der er et yndigt Land" (There's a winsome land). Government owned. Address: Post- og Telegrafvaesenet den Tekniske Tjeneste, Radioingeniortjenesten, Centralpostbygningen. Bernstorffsgade, Opgang El., Kjobenhavn V., Denmark.

## HOLLAND

- P C J Eindhoven 20 kw 9.590 (31.28), 15,220 (19.71) Programs preceded by ticking of metronome, 80 beats per minute. Slogan: "The Happy Station." (s) National Anthem: "Wilhelmus van Nassouwe." Announcer: Edward Startz. Languages: Dutch, Malay, German, French, English, Spanish and Portuguese. Owner: N. V. Philips' Omroep Holland-Indie. Management and Program Department: Eindhoven, Emmasingel 29. Studio: Hilversum, Jan v. d. Heydenstraat 41. For verification of reports, address the studio. Address reports on Catholic Society Broadcasts to: Katholieke Radio Omroep, Amsterdam-C., Heeregracht, 118.
- P H I Huizen 23.6 kw 11.730 (25.58), 17.770 (16.88) The PHOHI-station, or, with PCJ, "The Dutch Twins." Built by Philips' Radio, Eindhoven, and Nederlandsche Seimtoestellen-fabriek, Hilversum. For other details, see PCJ above.

## NETHERLAND INDIA

- P L P Bandoeng, Java 3 kw 11.000 (27.27) Government phone, beamed to Borneo and Celebes, occasionally used for relaying broadcasts of N.I.R.O.M. Engineer-in-charge: J. Sanders. Address: Post-, Telegraaf- en Telefoondienst Bedrijf der Radio-stations op Java.
- P M N Bandoeng, Java 3 kw 10.260 (29.24) Beamed to Sumatra. See PLP above.
- P M Y Bandoeng, Java, 1 kw 5.170 (58) This station belongs to Vereeniging van Radio-Amateurs, an amateur radio society, and is located in the Nillmij Building in the heart of Bandoeng, one of the capitals of Netherlands Indies. Address: Bandoengsche Radio-vereeninging P.M.Y., Nillmij-Gebouw, Java, I. N.
- Y D A Batavia (Tandjong Priok) Java 10 kw 3.040 (98.68), 6.040 (49.67) (s) The End of a Perfect Day. Owners: N. V. Nederlandsch Indische Radio-Omroep Mij. (N.I.R.O.M.) (The Netherlands Indies Broadcasting Co., Ltd.) Address: Koningsplein West 5, Batavia-Centrum, Java.
- Y D B Soerabaja, Java 1 kw 9.610 (31.2), 11.860 (25.3) (s) The End of a Perfect Day. See YDA above.
- Y D E - 2 Solo, Java 100 w 4.810 (62.37) Key station for Nirom eastern native network.

## BRAZIL.

- P R A - 8 A Voz do Norte, Pernambuco 6.040 (49.67) actually 6.025. Owners: Radio Club of Pernambuco. Interval signal: Siren
- P R F - 5 Rio de Janeiro (Maripicu) 60 kw 9.501 (31.58) The "Brazilian Hour" or Brazilian National Program broadcast daily in Portuguese 1:45 to 2:30 P.M. P S T and from 2:30 to 2:45 P.M. P S T in a foreign language, viz: Mondays, English; Tuesdays, Esperanto; Wednesdays, German; Thursdays, Italian; Fridays, Spanish. Saturdays, French. Station owners: Companhia Radio Interna-cional do Brasil. Caixa Postal 709.



## QUIXOTE RADIO CLUB

## UNION OF SOVIET SOCIALIST REPUBLICS

- R - - Moscow 20 kw RV-59 6.000 (50), RAN 9.600 (31.25), RNE 12.005 (25), RKI 15.080 (19.89), RV-96 15.180 (19.76). Programs open and close with "L' Internationale." Address: Radio Center, Solyanka 12, Moscow, U. S. S. R.
- RV-15 Khabarovsk, Far Eastern Krai 20 kw 4.274 (72.00) Editor: Rowena Meyer. Address: Radio Committee, Khabarovsk, U. S. S. R.

## SWEDEN

- SM5SX Stockholm 300 w 11.705 (25.64) Royal Technical University.

## POLAND

- S P W Polskie Radjo, Warsaw (Babice) 10 kw 13.635 (22) National Anthem: "Dabrowski Mazurka." Secretaire General: Ing. S. Karaffa-Krauterkraft. Address: 5, Mazowiecka St.

## ICELAND

- T F J Reykjavik 7½ kw 12.235 (24.52) (s) National Anthem: "O, Gud Vors Lands." Announcer: Miss Sigrun Ogmunds. Operated by Ríkisutvarpid Islands (Icelandic State Broadcasting Service). Address: Box 547.

## GUATEMALA

- T G 2 X La Voz de la Policia Nacional. Guatemala City 500 w 5.940 (50.51) Relays TGW. Marimba (xylophone) music. Address: Direccion General, Policia Nacional, Guatemala.
- T G S Radiotransmisora de la Casa Presidencial (Executive Mansion) Guatemala City 200 w 5.713 (52.513) Government station. Technical Director: Julio Caballeros h.
- T G W Radiodifusora Nacional, Guatemala City 200 w 9.450 (31.75) Operated by the Secretaria de Fomento (Promotion or Development Department). Thru courtesy of the Department of Agriculture of Guatemala, offers listeners a sample pound of Guatemalan coffee. Station Manager: Heberto Correa.

## COSTA RICA

- TI4NRH Heredia 100 w 9.670 (31.03) Interval signal: Bugle call and carillon. (s) Costa Rican National Anthem. A new transmitter: Xtal 47 46 210 Barton Mox 852, the former TI4NRH now being operated as YNVA. Engineer and Director: Amando Cespedes Marin. Operator: Amando Cespedes junior. Secretary: Lidylia Cespedes Arias. P. O. Apartado 40.
- TI5HH La Voz de San Ramon, San Ramon 200 w 5.500 (54.55) Transmitter Gross crystal control, Class B modulation. Manager: R. Herrera O. Owners: Herrera Hermanos (Herrera Brothers).
- TI8WS Ecos del Pacifico, Puntarenas 120 w 7.550 (39.74) Tx Osc 2 210 P. P. Mox 2 210 2 45 2 56. Recs. 83 80 & 5Z3. Owner: Abel Salazar F. P. O. Apartado 75.
- TI1EP La Voz del Tropico, San Jose 500 w 6.680 (44.91) Owner: Eduardo Pinto Hernandez. P. O. Apartado 257.
- TIGPH Estacion Alma Tica (Costa Rican Spirit) San Jose 1 kw 5.830 (51.46) Relays TIGPH Alma Tica 650 kc., Estacion X (TIX) La Reina del Aire. 800 kc.. TIVCA La Voz de Centro-america 1225 kc. Owner and director: Gonzalo Pinto Hernandez. Verifications for Alma Tica by Luis Cordero Castro. P. O. Apartado 800.
- TI-OW Limon 6.850 (43.71) Operator: O. F. Wimmer, Amateur TI6OW.



## QUIXOTE RADIO CLUB

- TI-PG La Voz de la Victor, San Jose 1 kw 9.550 (31.41) and 6.410 (46.8)  
Transmitter 47 46 10 860 204 P.P. Modulator Class "B" 849  
Owner: Perry Girtan. P. O. Apartado 225.
- TIRCC Radioemisora Catolica Costarricense, San Jose 500 w 6.550 (45.8)  
Director: Rev. Monsenor Dr. Carlos Borge C. Apartado 1064.

## FRANCE

- TPA Radio-Coloniale (Pontoise) Paris 15 kw TPA2 15.243 (19.68),  
TPA3 11.885 (25.23), TPA4 11.713 (25.6) Government owned.  
Programs open and close with "La Marseillaise." Broadcasting  
Department: 103, Rue de Grenelle, Paris VIIe. Address: Station  
Radio-Coloniale de l'Etat Francais, Ministère des Postes, Tele-  
graphes et Telephones, Service de la Radiodiffusion, 98 bis,  
Boulevard Haussmann, 98 bis., Paris (8e).

## AUSTRALIA

- VK2ME The Voice of Australia, Sydney, (Pennant Hills) New South  
Wales 20 kw 9.590 (31.28) Programs open and close with laughter  
of the Australian Kookaburra or Laughing Jackass. Announcer:  
P. M. Farmer. Owners: Amalgamated Wireless (Australasia)  
Limited. Verifications: J. M. Brooker, Broadcasting Department.  
"Wireless House," 47 York Street, Box 2516 BB G.P.O., Sydney.
- VK3LR Melbourne (Lyndhurst) Victoria 1 kw 9.580 (31.32) Radiating the  
programmes of the Australian Broadcasting Commission. Govern-  
ment owned. Address: Postmaster-General's Department, Treas-  
ury Gardens, Melbourne, C.2, Victoria, Commonwealth of Aus-  
tralia.
- VK3ME Melbourne (Braybrook) Victoria 1.5 kw 9.510 (31.5) Interval sig-  
nal: Song of the Lyre Bird. A.W.A. Transmitting Center, Bray-  
brook, six miles west of Melbourne, on the Ballarat Road. Tx  
four units and two high tension double wave three phase recti-  
fiers. The high power method of modulation is used. Aerial half  
wave vertical type arranged for low angle uniform radiation, re-  
motely fed by conventional high frequency feeder line about 250  
feet long. Announcer: C. T. Sproule. Owners: Amalgamated  
Wireless (A asia) Ltd. Studio: "Wireless House," 167-9 Queen  
Street. P. O. Box 1272L, Melbourne, C.1.

## BRITISH GUIANA

- VP3MR The Voice of Guiana, Georgetown (Demerara) 6.001 (50.00) (s)  
God Save the King. Owner: The British Guiana Broadcasting Co.

## FIJI ISLANDS

- V P D Radio-Suva, Suva (ex VP-1A) 2 kw 13,075 (22.945) Programs  
open with Song of the Islands. (s) God Save the King. Owners:  
Amalgamated Wireless (A asia) Ltd.

## KENYA COLONY

- VQ7LO Nairobi, 600 w 6.059 (49.5) Interval signal: Roar of a Lion. (s)  
God Save the King. Owner: Cable and Wireless Limited. P. O  
Box No. 777.

## INDIA

- V U B Bombay 10 kw 9.565 (31.36) Government owned. Station Di-  
rector: C. B. Sethua. Indian State Broadcasting Service, Irwin  
House, Ballard Estate, Bombay.



## QUIXOTE RADIO CLUB

## UNITED STATES OF AMERICA

- W1XAL Boston, Mass. 71 05 50 W 42 20 40 N 10 kw 6.040 (49.67), 11.790 (25.45), 15.250 (19.67), 21.460 (13.98) Relay Broadcasting. Owner: World Wide Broadcasting Foundation. Founder and President: Walter S. Lemmon, 20 Pine Street, New York, N. Y. Corresponding Secretary: Ruth Stanford. Studios Engineer W1XAL. William J. Flanders. Address: University Club, Trinity Place, Boston.
- W1XK Millis, Mass. 71 21 00 W 42 11 15 N 10 kw 9.570 (31.35) Relays WBZ WBZA. (s) Stars and Stripes Forever. Plant Manager: J. E. Baudino. Owners: Westinghouse Electric & Manufacturing Co. Address: Bradford Hotel, Boston, Mass. (Will not verify.)
- W2XAD The Voice of Electricity, South Schenectady, N. Y. 74 00 36 W 42 47 37 N 25 kw 15.330 (19.56) Relays WGY. In charge of Short Wave Broadcasting: E. S. Darlington. Owners: General Electric Company. Address: 1 River Road.
- W2XAF The Voice of Electricity, South Schenectady, N. Y. 40 kw 9.530 (31.48) (s) Star Spangled Banner. The report of 10 million volts precedes each short-wave program of W2XAF and W2XAD, a discharge of artificial lightning as produced in the High-voltage Engineering Laboratory of GE.
- W2XE New York, N. Y. (Wayne, N. J.) 74 15 00 W 40 48 00 N 5 kw 6.120 (49.02), 11.830 (25.36), 15.270 (19.65), 17.760 (16.89), 21.520 (13.94) Relays WABC. (s) Star Spangled Banner. Chief Engineer: A. B. Chamberlain. Verifications: E. A. Tucker, Technical Department. Owners: Atlantic Broadcasting Corporation. Address: 485 Madison Avenue, New York, N. Y.
- W3XAL Bound Brook, N. J. 74 30 00 W 40 32 00 N 35 kw 6.100 (49.18), 17.780 (16.87), Relays W J Z. (s) Star Spangled Banner. Verifications: (Miss) A. Piana, Supervisor-Audience Mail. Owners: National Broadcasting Co., Inc., Address: RCA Building, 30 Rockefeller Plaza, New York, N. Y.
- W3XAU Philadelphia (Newtown Square) Pa. 75 24 50 W 39 58 30 N 10 kw 6.060 (49.5), 9.590 (31.28) Relays WCAU. Verifications J. G. Leitch, Technical Supervisor. Owners: WCAU Broadcasting Co. Address: 1622 Chestnut Street.
- W4XB Miami Beach (Collins Island in Biscayne Bay) Fla. 250-2500 w 6.040 (49.67) Relays WIOD. General Manager: Jesse H. Jay. Chief Engineer: Milton C. Scott, Jr. Owner: Isle of Dreams Broadcasting Corp. Address: News Tower, Miami, Fla. (Not reported heard recently).
- W8XAL Cincinnati (Mason) Ohio 84 19 30 W 39 21 05 N 10 kw 6.060 (49.5) Technical Supervisor: J. A. Chambers. Owners: The Crosley Radio Corporation.
- W8XK Pittsburgh (Saxonburg) Pa. 79 49 00 W 40 43 53 N 40 kw 6.140 (48.86), 9.570 (31.35), 11.870 (25.27), 15.210 (19.72), 17.780 (16.87), 21.540 (13.93) Relays KDKA. (s) Stars and Stripes, Forever. Plant Manager: D. A. Myer. Owner: Westinghouse Electric & Manufacturing Co. Address: Grant Building. (Will not verify.)
- W9XAA The Short Wave Voice of Labor and Farmer, Chicago (York Township) Ill 87 59 14 W 41 49 09 N 500 w 6.080 (49.34), 11.830 (25.36) 17.780 (16.87) Relays WCFL. Sec. and Gen. Mgr.: E. N. Nockels. Technical Supervisor: Maynard Marquardt. Studio and Offices 666 Lake Shore Drive, Chicago



## QUIXOTE RADIO CLUB

W9-XF Chicago (Downer's Grove) Illinois 88 00 30 W 41 44 35 N 10 kw 6.100 (49.18) Relays WENR. (s) Star Spangled Banner. Operation Supervisor: T. E. Schreyer. Owners: National Broadcasting Co., Inc., Foreign Verifications: Audience Mail Department. National Broadcasting Co., Inc., Merchandise Mart, Chicago.

## MEXICO

- XEBT Mexico City 1 kw 6.000 (50). (s) Opening theme: Las Mananitas. Closing theme: Liebestraum, or Dream of Love, by Liszt, piano solo. English Announcer: Enrique (Henry) Guerrero. Owner: El Buen Tono, S. A. (tobacco company). P. O. Apartado 7944.
- XECR Mexico City 20 kw 7.380 (40.65) Government owned, under the direction of the Foreign Office. For verifications: Oficina del Departamento de Publicidad, Secretaria de Relaciones Exteriores. Mexico, D. F.
- XEFT La Voz de Veracruz, Veracruz, Ver. 20 watts 6.120 (49.02), 9.505 (31.565) (s) Vals Poetico by Felipe Villanueva. Manager: Jose Rodriguez Lopez. Address: Independencia, 28.
- XEME La Voz de Yucatan desde Merida, Merida, Yuc. 9.520 (31.51). Relays XEFC. Studios and Offices: 59 No. 517, Merida, Yucatan.
- XEUW El Eco de Sotavento desde Veracruz, Veracruz, Ver. 6.020 (49.83) Relays XEU 1010 kc. (s) "La Golondrina." Manager Fernando Pazos Sosa. Studios and Plant: Av. Gomez Farias 33, Offices: Av. Independencia 98.
- XEWI My Voice to the World from Mexico, Mexico City 250 w 5.975 (50.21) and 11.900 (25.21) (s) Ah- Sweet Mystery of Life by Victor Herbert. Director: Andres Reynoso. Owner: World Institute of Impersonal Life. Street address: 3a de Mina, 56. P. O. Apartado 2874.
- XEXA Mexico City 6.130 (48.94) actually 6.182. Relays XEXM 610 kc. (s) March of the Toys by Victor Herbert. Government owned under the direction of the Department of Education (Secretaria de Education Publica, Oficina de Extension Educativa por Radio). Chief of the Office: Dr. Genaro Angeles. Chief Engineer: Fernando Leon Grajales. Address: Av. Rep. Argentina y Luis Conzalez Obregon.

## NICARAGUA

- YNGU La Voz de los Lagos, Managua, D. N., Nicaragua 100 w 6.400 (46.88). Sometimes known as YNIGG. Manager Raul Gutierrez U.
- YNLF La Voz de Nicaragua, Managua 1 kw 9.595 (31.27) Technical Director: Moises LeFranc, Manager and Artistic Director: Jacobo G. Maria. Address: Calle 15 de Septiembre, No. 206.
- YNVA De Ruben Dario, Managua 150 w 8.590 (34.92) "Nicaragua patria de Dario." Manager: M. Lopez Escobar. Owner: Victorino Arguello.

## YUGOSLAVIA

- Y T - Radio Beograd, Belgrade 1 kw 6.100 (49.18) Address: Poste Emetteur a Ondes Courtes, Belgrade II.

## VENEZUELA

- YV2RC Radio Caracas, Caracas 1 kw 5.800 (51.72) Relays YV1RC 960 kc. (s) March "IRC." Slogan: "YV2RC le habla a la nacion." YV2RC speaks to the nation.) Director: Ricardo Espina. Chief Engineer: Alberto Lopez L. Owner: C. A. Almacen Americano. P. O. Apartado 2009.

# SHORT WAVE REPORTER

## The 'F. B.' Log

### 14.563 - 14.706 Meters

20. M/c																				20.				
4																				8				
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0			
w	d	1																		d	1	p		
t	v	g	r																		g	4	v	
j	m	b	k																		q	e	c	
6																					8			

### 14.423 - 14.563 Meters

20. M/c																				20.						
6																				8						
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0					
				z																		p	d		k	kpt
				q																		p	g		m	.
				u																		x	p		m	wrp
				5																						

### 14.286 - 14.423 Meters

20. M/c																				21.											
8																				0											
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0										
						E																				w	t	t	t		
						D																				m	q	q	q		
						M																				y	u	u	u		
kpt	k	p				E																									
.	s	f				H																									
wrp	s	r				Y																									

### 14.151 - 14.286 Meters

21. M/c																				21.										
0																				2										
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0									
			L				K				P				K				L											
			S				W				S				B				S											
			N				N				A				I				L											
																			4											
t			n			f																								
q			a			t																								
u			a			c																								
2																					u									

### 14.019 - 14.151 Meters

21. M/c																				21.			
2																				4			
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0		
										3													
										L													
										S													
										M													
t	w	*	w																		d		k
q	q	q	b																		g		w
a	a	j	u																		m		s

### 13.889 - 14.019 Meters

21. M/c																				21.		
4																				5		
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0	
										5												
										W				G				W				O
										L				S				S				L
										X				H				X				R
										Y				A				X				
										A				L				Z				
														P				K				
														d								
														s								

- YV3RC Radiodifusora Venezuela, Caracas 6.150 (48.78) actually 6.166. Relays YV3RC 1200 kc. Directors: Hermann Degwitz, and Gerardo Siblesz. Transmitter at "Las Barrancas" 3 miles from Caracas. Studio: Interior of Ramella Passage.
- YV4RC Ecos del Avila, Caracas 6.375 (47.06) (s) Blue Danube March by Jesse Crawford, organ. Director: Manuel Arraez. Owner: Sociedad Anonima de Radio. P. O. Apartado 983.
- YV5RMO Ecos del Zulia, Maracaibo, State of Zulia 5.850 (51.25) Relays YV5RMO 1300 kc. Owners: L. Garcia Nebot, and Juan Suarez Castro. Offices and Studios: Vargas esq. a Zamora. Transmitter: Delicias (El Paraiso). P. O. Apartado 37.
- YV6RV La Voz de Carabobo, Valencia, State of Carabobo 500 w 6.520 (46.01) Relays YV6RV 1350 kc. Director: Guillermo Degwitz.
- YV7RMO Radiodifusora Maracaibo, Maracaibo 6.070 (49.42) Operator: Nicolas Mantellini. P. O. Apartado 100.
- YV8RB La Voz de Lara, Barquisimeto (Santa Rosa) State of Lara 5.900 (50.85) Manager: Arturo Ramos M.
- YV9RC Emisora Ondas Populares, Caracas 6.400 (46.88) Relays YV9RC 1010 kc. Transmitter and Studios: Los Jardines - El Valle (Valley Gardens). Director and Owner: Gonzalo Veloz Mancera. P. O. Apartado 1931.
- YV10RSC La Voz del Tachira, San Cristobal, State of Tachira 5.720 (52.45) City founded 1561 by Juan de Maldonado 7 degrees 46 minutes N. 5 degrees 18 minutes W Meridian of Caracas, altitude 825 meters (2,681 feet) mean temp. 22 degrees C. (71.6 F). Station owner: Jesus M. Diaz Gonzalez.
- YV11RB Ecos del Orinoco, Ciudad Bolivar, State of Orinoco 30 watts input 6.545 (45.835) Operator: Enrique Torres Valencia. Apartado 34.
- YV12RM La Voz de Aragua, Maracay, State of Aragua 6.300 (47.62) (s) "El Aragueno," a typical Venezuelan joropo composed by Manuel Briceno. Director: Antonio Plaza Ponte.

## HONG KONG

- Z B W Hong Kong 250 w 8.750 (34.29) or 5.410 (55.46) Relays ZBW 845 kc. Type Q Marconi Transmitter. Operated by Hong Kong Government. Address: Hong Kong Broadcasting Committee, P. O. Box No. 200.

## Straits Settlements

- Z H I Singapore, S. S., 90 watts 6.018 (49.9) (s) God Save the King. In addition to other scheduled broadcasts, a relay of Presbyterian church service every second and fourth Sundays, preceded by an organ recital, from 5:10 to 6:40 A.M. EST. Singapore observes perpetual summer time 20 minutes ahead of true 105th meridian time (or 7 hours 20 minutes ahead of G.M.T.). ZHI owners: Radio Service Co. of Malaya 1934 Ltd., Broadcast House, 2 & 4, Orchard Road, Singapore, Straits Settlements.

## SOUTH AFRICA

- Z T J Johannesburg 5kw 6.097 (49.2) At midnight relays the chimes of Big Paul of Union Buildings, followed by the Africopa News. Trumpet calls are frequent during this session and at close down. (s) Union of South Africa national anthem "Die Stem van Suid Afrika - The Voice of South Africa" and God Save the King. Owners: African Broadcasting Company, Ltd. (Inc. in the Union of S. A.) Head office: Empire Buildings, Kruis St. Studio: Connaught Mansions, 217, Bree Street. P. O. Box 4559.

## Location of Commercial Stations

- CEB-C—Santiago, Chili. Cia. Internacional de Radio, S. A., Casilla 16-D  
 CGA-CJ—Drummondville, P. Q. Canadian Marconi Co., Ltd., 211 St. Sacrament St., Montreal, P. Q. P. O. Box 1690.  
 CM—Habana, Cuba. Cuba-Transatlantic Radio Corp., Obispo y Aguiar.  
 CNR—Radio Maroc, Protectorat de la Republique Francaise au Maroc, Gouvernement Cherifien, Direction de l'Office des Postes, des Telegraphes et des Telephones, Rabat, Morocco.  
 CP—La Paz, Bolivia, S. A. Cia. Radio Boliviana, Casilla 637.  
 CTV—Monsanto Radio, Portugal.  
 CW—Montevideo, Uruguay, Estacion Cerrito, Calle Sarandi 468.  
 DA—Norddeich Radio, Deutsches Telegraphenamts Hauptfunkstelle Norddeich-Emden.  
 DF-DG-DH—(Nauen) Deutsches Haupt-Telegraphenamts, Berlin-Tempelhof, Schonenberger Str. 11-15, Germany.  
 DHEY—S. S. DEUTSCHLAND.  
 DHTY—S. S. RESOLUTE.  
 DJ-DZ—Reichs-Rundfunk G.M.B.H., Deutscher Kurzwellensender, Berlin-Charlottenburg 9, Masurenallee 8-14, Germany.  
 DOAI—S. S. EUROPA, North German Lloyd, Pier 42, New York, N. Y.  
 EA—Madrid, Spain. "Transradio Espanola, S. A.," Apartado 951.  
 ED-EH—Madrid, Spain, Cia. Telefonica Nacional de Espana, S. A., Pi y Margall, 2.  
 FNSK—S. S. NORMANDIE, Pier 88 N. R., Foot of 48th St. New York.  
 FNSM—S. S. ILE DE FRANCE.  
 FQ-R-S-T—Paris (Sainte Assise) France. Societe Francaise Radio-Electrique, 79 Boulevard Haussmann, Paris (VIIIe).  
 FV—Alger-Eucalyptus, 137, rue de Constantine, Alger.  
 FY-TM-TQ-TY—Paris (Pontoise) France. Administration Francaise des P.T.T. Direction du Service de la T.S.F. 5 Rue Froidevaux 5, Paris (XIVe).  
 FZE—Jibuti, French Somaliland, East Africa.  
 FZR-S—Saigon, French Indo-China. Cie Generale de Telegraphie Sans Fil, Boite 238.  
 GA-GB-GC-GD—Rugby, England. Engineer-in-Chief's Office (Radio Section), General Post Office, Armour House, London, E. C. 1.  
 GBTT—S. S. QUEEN MARY.  
 HB—Geneva (Prangins) Switzerland. Radio Suisse-Radio Nations, 12, Quai de la Poste.  
 HII—Ciudad Trujillo, D. R. Cia. Dominicana de Telefonos C. por A., Apartado 577.  
 HJ-Y—Bogota, (El Retiro) Colombia. All America Cables, Inc.  
 HRL—La Lima, Honduras. Tropical Radio Tel. Co.  
 HS—Bangkok, Siam. Radio Section, Post & Telegraph Department.  
 IAC—Pisa, Italy. Centro Radio-marittimo di Coltano Radio.  
 ICEJ—S. S. REX.  
 IDR—Sao Paulo.  
 IQ-IR—Rome, Italy. Societa Italo Radio, Via Calabria 46-48, Roma (125).  
 ITK—Mogadiscio, South Italian Somaliland, East Africa.  
 IUA-F—Addis-Abeba (Akaki) Ethiopia.  
 JDX—Dairen, Kwantung, Asia.  
 JFZC—S. S. CHICHIBU MARU.  
 JI—Taihoku (Tyureki Gai) Shinchiku State, Taiwan (Formosa). Kōkū-sai Denwa Kaisha K. K.  
 JV-JZ—Tokio (Nazaki, Ibaraki-ken) Japan. Kokusai-Denwa Kaisha Ltd. (International Wireless Telephone Co. of Japan, Ltd.) Osaka Bldg., No. 3, 1-Chome, Uchisaiwaicho Kojimachiku.  
 JY—Kemikawa-cho, Chiba-ken (Tokio) Japan. Department of Communications.  
 KA-KB—Manila, P. I. RCA Communications, Inc.  
 KIO-KKH-P-S—Kahuku, T. H. RCA Communications, Inc.  
 KKL-R-KQJ-Z-KWE—Bolinás, Calif. RCA Communications, Inc.  
 KWN-U—Dixon, Calif. Trans-Pacific Com. Co., Ltd.  
 KWO—Dixon, Calif. Am. Tel. & Tel. Co.  
 LSF-I-X-Y—Buenos Aires (Monte Grande) Argentina. "Transradio Internacional," Cia. Radiotelegrafica Argentina, S. A., San Martin 329.

## Location of Commercial Stations

- LSL-M-N-Q—Buenos Aires (Hurlingham) Argentina. Cia. Internacional de Radio, Defensa 143.
- OC—Lima, Peru. All America Cables, Inc., Casila 2336.
- OP—Leopoldville, Belgian Congo. Service des Telecommunications.
- OR—Radio Ruyssedele, West Flanders, Belgium. Regie des Telegraphes et des Telephones, Direction des Radiocommunications, Bruxelles.
- PCK-PD—Radio Kootwijk, The Netherlands. Staatsbedrijf der P. T. T.
- PL-PM—Bondoeng, Java, N. I.
- PPH-Z-PSZ-PYR—Rio de Janeiro (Santa Cruz) Brazil. Cia. Radiotelegraphica Brasileira, Caixa Postal 500.
- PRF5-PSA-C-E-I-K—Rio de Janeiro (Marapicu) Brazil. Comp. Radio Internacional do Brasil, Caixa Postal 709.
- R—(Telephones) Foreign Bureau, U. R. S. S. Comite de Radiodiffusion et Radiofication aupres du Conseil des Commissaires du peuple, Moscou, Petrovka, 12, U. S. S. R.
- R—(Broadcasts) Chief Editor, Radio Centre, Solyanka 12, Moscow, U. S. S. R.
- RIM—Tashkent, Turkistan, U. S. S. R.
- RKL—Khabarovsk, Far Eastern Krai, U. S. S. R., Asia.
- RTZ—Irkutsk, Eastern Siberian Krai, U. S. S. R.
- RVU—Vladivostok, Far Eastern Krai, U. S. S. R., Asia.
- SU—Cairo, Egypt. Marconi Radio Telegraph Co. of Egypt. S. A. Radio House, Sharia Eloui, P. O. Box 795.
- TD—Shinkio (Hsingking) Manchukuo. Kanjoshi Station, Manshu Den-shin Denwa Kaisha Ltd.
- TF—Reykjavik, Iceland. Rikisutvarpid Islands (Icelandic State Broadcasting Service) Box 547.
- VI—Melbourne (Fiskville) Victoria, Amalgamated Wireless (Australasia) Ltd., Box 1272L, Melbourne, Cl., Australia.
- VL—Sydney, (Pennant Hills) N. S. W. Amalgamated Wireless (Australasia) Ltd., Box 2516 BB G. P. O., Sydney, Australia.
- VQG—Nairobi (Kabete) Kenya Colony, East Africa. Cable and Wireless Limited, P. O. Box 777.
- VRR—Stony Hill, Jamaica.
- VWY—Poona, 6, India. The Indian Radio & Cable Communications Co. Ltd.
- W2XDJ—Ocean Township, N. J. Bell Tel. Labs., Inc.
- W3XL—Bound Brook, N. J. National Broadcasting Co., Inc., RCA Building, 30 Rockefeller Plaza, New York, N. Y.
- WCG-WD-WE-WLL-WQ—Rocky Point, N. Y. RCA Communications, Inc.
- WCT—San Juan, Puerto Rico.
- WDH—Hicksville, L. I. Press Wireless, Inc.
- WK-WL-WM-WN-WOY—Lawrenceville, N. J. Am. Tel. & Tel. Co.
- WNC—Hialeah, Florida. Am. Tel. & Tel. Co.
- WOG-WOO—Ocean Gate, N. J. Am. Tel. & Tel. Co.
- WVV—Beltsville, Md. Div. 1, Sect. 6, Bureau of Standards, Dept. of Commerce, Washington, D. C.
- XG-XO—Shanghai, China. Radio Administration, Sassoon House.
- YNA—Managua, Nicaragua.
- YS—San Salvador, El Salvador.
- YV—Maracay (Santa Rita) Venezuela. "Estacion Nacional de Radio."
- ZF—St. George (Hamilton) Bermuda. The Halifax & Bermudas Cable Co., Ltd., Eagles Nest, Bermuda.
- ZL—Wellington Radio, Post and Telegraph Department, Wellington, C. I., New Zealand.
- ZSB-S—Cape Town (Klipheuvcl) Union of South Africa. Overseas Communications of S. A. Ltd., Kodak House, Shortmarket St.
- ZSV—Walvis Bay, Union of South Africa.

10 CENTS

JUNE

# SHORT WAVE REPORTER



BROADCAST SCHEDULES  
OFFICIAL IDENTIFICATION AIDS  
NEW STATIONS AND STATION NEWS

★

★

## QRC REPLY VOUCHERS

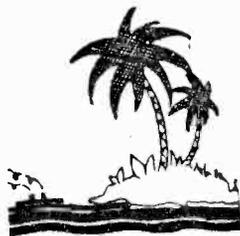
The thrill of distant reception is the thrill of novelty. For the listener who tests his skill in logging the greatest number of new stations, novelty is ever present. It is a game in which each player is his own scorekeeper, the points being station cards in verification of his log. To save listeners from disappointment in their quest for cards is the wish of the QRC. A study of the causes of disappointment reveals the following:

Courtesy dictates that those who seek cards should bear the expense occasioned by their requests. Listeners generally accompany their requests with International Reply Coupons (IRC) believing them of value in most countries. However, the exchange of IRC by the postal authorities is optional, with the result that in a number of countries their acceptance is declined. Although costing 9c in the U. S. A. (12c in Canada) and supposed to yield 5c in exchange, it is learned that in Costa Rica they yield only the equivalent of  $1\frac{1}{2}$ c, in Mexico 2c, in the Dominican Republic 3c, while in Honduras, Nicaragua, etc., IRC are absolutely worthless.

Unable or unwilling to bear the entire postal as well as printing and clerical expense by themselves alone, a number of privately owned commercial broadcast stations ceased issuing verification cards. For the protection of listeners, the QRC made inquiry. Station HRN offered to honor requests if accompanied by a dime, but, owing to the risk of loss in the mails, for which no claim would be entertained by the postal authorities, since the remittance of coin is contrary to the postal regulations, HRN suggested that requests should be assembled by the QRC and remitted in lots of ten or more with international postal money order to cover. This became known as the QRC "Dime Veri" plan and is in effect with all stations that have given the QRC absolute advance assurance that correct reports so submitted will instantly and unfailingly be honored. The pro-rata expense to the QRC for the forwarding of dime veri requests was estimated at 3c each—a total of 13c per request—a sum that is less than cost.

To perfect this plan, saving the delay incidental to the assembly by the QRC of a mailing unit of reports, QRC Reply Vouchers have now been authorized for use instead of IRC. Members are thus enabled to mail their requests with QRC Vouchers direct to the dime veri or other stations agreeing to honor these vouchers. Costing 11c each (plus 3c postage on whatever quantity purchased) QRC Vouchers yield the stations of any country 10c net. Stations that have agreed in advance to honor QRC Vouchers will be indicated in the REPORTER by a star, and be referred to by the QRC as "Star Stations." The privilege of using QRC Vouchers will be reserved exclusively for QRC Members.

# Short Wave Reporter



## HEAR BOGOTA!

The thrill of hearing your report acknowledged over the air is afforded you by station HJ3ABD of Bogota, Colombia, in cooperation with the QRC, at the appointed hour of 11:30 p. m. EST the first and third Saturdays of each month. Tune your radio to a frequency of 4,841 kc and log this special program in English, dedicated to listeners in the U.S.A. and Canada. Send your report immediately, with a dime and 3c postage, to the QRC and it will be forwarded by air-mail to Bogota in time to be acknowledged on the occasion of the next special broadcast. Listen then for the acknowledgment and advice that the station has mailed you its card that very day, to reach you about three weeks later. There is a certain something about hearing a station thousands of miles distant call your name over the air that will quicken your pulse. The opportunity to experience this pleasure is assured you by these special programs.

Members are reminded that the next REPORTER will be the September issue, there being none for July or August—vacation time. During the interim there will be a brief pause in activity at Box 772, the exact period being as yet undetermined. Before departing, vacation bent, the QRC will await your verification requests on the special program to be heard the night of June 4 at 11:30 p. m. EST at 4,841 kcs. Immediately thereafter send your report with 13c to the QRC and listen for its acknowledgment over the air the night of June 18. Enjoy this thrill in the knowledge that your name, spoken in another continent, reaches your loudspeaker within a split-second. Reports on the June 18 session may not find the QRC at home, but, with respect to the June 4 program, the QRC will defer its vacation long enough to render you this service.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.

10 Cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1938 by E. J. Shields, Chots.

Advertising accepted of reputable firms only. Rates on application.

Verification cards requested by you direct are also assured you if requests are accompanied by QRC Vouchers, but letters by ordinary mail cannot reach Bogota in time to be acknowledged two weeks later. May your reception on 60 meters be not unduly marred by static!

### PANAMA

HP5G of Panama City is a new station testing from 10:30 p. m. till midnight EST on its official frequency of 11,780 kcs. The station's slogan is "Valley Rum" and reports are requested by phone to Panama 2529J, or by mail to Apartado 1121. A lady identifies the station in English, while Spanish-English announcements are also given by a man. Signal strength and quality are very good.

### MOZAMBIQUE

In July, the power of station CR7AA of Lourenco Marques is to be increased from 300 watts in the antenna to 600 watts, at which time this station will operate on either 6,137 kc as at present, or 3,490 kc, a new frequency. American listeners have little hope of hearing either frequency while summer static prevails.

### CHILE

From the Argentine, a QRC member advises of the receipt by air mail from Manager L. E. Brain of a verification of his reception of station CB-1185 of Santiago de Chile on 11,850 kc. He was favored by a card of long wave station CB-138

(the station relayed by CB-1185) with the promise that as soon as new cards were available, the first should be his. In a later message the manager expressed the hope that CB-1185 would be utilizing more power by the middle of March, the final power stage not previously having been in use. Tests were being conducted with directive antennae and radiating masts. Unfortunately the reporting member supplied us no additional details, assuming we might be fully informed by the station.

### VENEZUELA

Radio Caracas YV5RC of Caracas, normally operating on 5,800 kc, is reported testing on 5,970 kcs.

### PORTUGAL

The management of Emissora Nacional of Lisbon requests that QRC members be advised that any person having relatives in America or in other parts of the globe, except Europe, may address the members of their family through the microphone of station CSW, limiting their remarks to personal greetings. This idea is said to have won the spontaneous applause of Portuguese listeners throughout the world.

---

VK9MI "Only Ship's station in the world licensed to broadcast musical programs," M/v KANIMBLA 50 w 6,010, 11,710 (o) Ship's bell, ship's siren, and KANIMBLA theme song. (s) "Sweet Dreams" followed by "God Save the King." Broadcasts on average thrice weekly, 7 till 7:30 a. m. EST. Miss Eileen Foley, Announcer. C. Robison, Technician. Owners: McIlwraith McEacharn Ltd., 94-96 William St. Melbourne. Box No. 255c G.P.O., Melbourne, Australia.

**ARGENTINA**

LRA "Radio del Estado" (State Radio) of Buenos Aires continues to be heard nightly in the east on 9,690 kc from 6 till 9 p. m. EST. Pending more detailed advice, reports may be addressed to the Oficina de Difusion, Palacio de Comunicaciones, Buenos Aires, Rep. Argentina.

**COSTA RICA**

Since February 1, the operation of station TIRCC of San Jose has been in charge of Sr. Carlos Araya B., of RCA Institutes of New York, enabling the former operator to devote more time to his own stations. The design of adequate studios and the construction of new speech equipment at present occupy his attention. QRC Vouchers will be honored by this and other stations indicated by a star.

In behalf of Sr. don Eduardo Pinto H., Proprietor of Estacion Radiodifusora "La Voz del Tropico," of San Jose, Costa Rica, the QRC is advised by Sr. Luis Suarez that all verification requests, accompanied by QRC vouchers, will un-faillingly be honored. We are pleased, therefore, to indicate station TIEP with a star as still another lending QRC members this co-operation. Station TIEP transmits simultaneously on 6,700 and 830 kcs and has been reported by listeners throughout the world.



High in the affections of Miss Margaret Hamilton, QRC 145, Michigan, stands Elmer.

**BULGARIA**

P. Todorov, Director of the Sofia shortwave station operated by the Direction General of Posts and Telegraphs, kindly informs the QRC that his station now uses a frequency of 8,465 kcs with 1.5 kw power, the schedule being as shown at page 28 herein. It is anticipated that during the summer this lower frequency may be even less favorable than that formerly employed.

★TI-RCC "Radioemisora Catolica Costarricense," San Jose, C. R., 500 w 6,550 (o) "The Lost Chord." (i) 4 bells. (s) "Overture from Carmen." Carlos Araya B. (RCA-Institutes) Manager & Engineer. Mons. Dr. Carlos Borge C., Owner & Director. Studios: "La Soledad" Church. Apartado 1064.

6.550 TI-RCC

11\_12

9\_10  
8\_10

S

T

**PERU**

Sr. Francisco M. Crespo V., Manager of Radio "Grellaud" OAX4G at Lima, advises that this station, formerly the property of Roberto Grellaud, was acquired August 1, 1937, by the Empresa Peruana Parlante Bolivar & Carcovich. Further details will be found in the Station Data Section of this issue. Notwithstanding the change in ownership, the station continues to be called Radio Grellaud. Reception reports are especially welcome and the Manager will also appreciate any magazines, books, etc., on radio-telephony that may be sent him. Members who may be wondering how to dispose of accumulated technical literature have here a solution—send a bundle of it to Casilla 2234, Lima, Peru, and Sr. Crespo will indeed be grateful.

Further details re the identity of "Radio Rancho Grande" of Trujillo, reported on 12,000 kc, are awaited with interest. The operators are said to be three Larko brothers, each a graduate of a different American university, and they hope to hear from their old college chums. Reports have it they are located on the Hacienda "Chipi" (accented on the final syllable), while a secondary slogan is "Una voz 'chacarera' para todo el Peru"; that is, a voice of the field laborer.

**VATICAN CITY STATE**

The Director of Radio Vaticano courteously advises that the power of the new stations in course of installation is 25 kw carrier and 80 pc modulation; that for the present 15,120 kc is used at 10:30 a. m. EST, and pending the installation of the antenna for the new frequency of 6,030 kc, the old frequency of 5,969 kc is used at 2 p. m. EST. This latter frequency has been reported in the U. S. only on rare occasions in midwinter when the weather has been unusually overcast. Tests are being conducted at irregular periods on different frequencies.

**ITALY**

Rome is reported testing irregularly on 11,675 kcs.

**COSTA RICA**

On a frequency of approximately 11,924 kc, a new San Jose station is reported with long and short wave calls. Slogans are Radio Pilot and La Voz de la Republica, but the final letter of the call is indistinct. Guesses seem to favor TI2XG, relaying TIXG, but we have our fingers crossed. Signs off at 11 p. m. EST, just as darkness approaches on the West Coast.

An old station reported on a new frequency is TI-4WX of Heredia, the address given being Apartado 859. Present frequency is 7,010 kc.

VQ7LO Nairobi, Kenya, 500 w 6,083 & 750 w 810 kc. Nairobi Time is 2¾ hours ahead of GMT. (i) Six pip time signal at 1615 and 1815 GMT. Male Announcer. G. Madgwick, M. Inst. R. E., Manager. Cable & Wireless Ltd., of London, Owners. "Genuine reports welcomed and acknowledged." P. O. Box 777, Nairobi, Kenya.

6.083 VQ7LO 849½

5½0

11½-----21

T T  
SMTWTF5



Short Wave enthusiasts of the Chicago area, desirous of attending meetings of the World Wide Dial Club of that city, are invited to contact Robert R. Irwin, QRC 326, of 4212 S. Oakenwald, the WWDC President.

### FRANCE

Aside from scheduled frequencies, the French Government Short-Wave Station "Paris-Mondial" has been reported using TPB-12 on 9.550, and TPB-13 on 9.520 kc. With the 31 meter band already congested, finding a clear channel promises to be a problem. Broadcasting Department is 107 rue de Grenelle, Paris VIIe, while the address of the Ministry of Posts, Telegraphs & Telephones remains 98 bis Boulevard Haussmann, Paris VIIIe. Either office will verify.

### U. S. A.

Mr. Martin S. Wales, Station Manager, courteously informs the QRC of the return to the air of International Broadcast Station W4XB 6,040 kc with an increased power of 5,000 watts. News in Spanish is broadcast daily excepting Sundays at 1:45 p. m. EST, and a musical program with announcements in Spanish is given each week-day evening from 9 till 9:30 o'clock. For further details, please refer to Station Data section of this issue.

### YUGOSLAVIA

YUA "Yugoslav Short Wave Radio Station," Belgrade 1 kw 6,100 (s) National melody played on flute. English announcements by lady. Government Station under direction of Central Press Bureau. Dr. Kosta Lukovitch, Director. Stoyan Bralovitch, Manager. Address: No. 16 Milosha Velikog.

6.100 49.18 7.8½

1-----6½

12½--2½ SMTWTF5

## OUR GARDEN

I find the REPORTER very helpful and interesting. My set is a Scott Philharmonic 30 and I am very pleased with it, far distant stations coming in like locals. I certainly wish the QRC continued success.—Robert Bayer, QRC 1075, Ill.

In order that your records may be complete, wish to advise that I operate the following receivers: A Scott Philharmonic, RCA Model 86 with SW adaptor and a Midwest 18. The Scott, of course, is my pet.—E. H. Younglove, QRC 1044, Illinois.

Glad to get the veri from Bangkok via QRC—my best catch so far; also the one from Klippeuvel. Am looking forward to one from VUID Delhi. Great game, isn't it? I get extremely fed-up on our domestic "run-of-the-mill" stuff, with the dose of advertising that accompanies it—tho I do prefer the quality of our best broadcasts. And I have yet to see a SW magazine that can hold a candle alongside the REPORTER.—A. H. King, QRC 484, N. Y.

I have recently purchased a Scott Philharmonic receiver and the REPORTER has been recommended to me by Mr. Scott. I therefore enclose a dollar for a year's subscription.—QRC 1400, Hugh W. Rowan, Major, U. S. Army, Maryland.

Since writing you last we have welcomed another arrival to our family—a girl this time! What with two small boys and now a baby it doesn't give me a great deal of time to spend at the dials. Of course I'm not kicking at this kind of QRM, only wish there were a few more hours in the day. Have decided to see what I can do about taking a picture of my DX corner and self and if the result is OK, I'll send the QRC a photo.—Robert L. Weber, QRC 163 Ill.

Received my first issue of the REPORTER and like it very much. I have found it to be the most accurate station list of them all.—QRC 1378, John O'Leary, N. Y.

The REPORTER is something I've wanted ever since I began listening to short waves, a magazine that gives the Pacific Coast as well as the Atlantic Coast listener accurate information on what may be heard. I have been a SWL for many years, but it was not until March, 1937, that I succumbed to the temptation to write for a verification. Since that date I have written to 78 stations, received 57 veries, and expect seven that are not yet overdue. Not all heard were written, by any means. I have to do something to prolong the enjoyment of the hobby.—John R. Gregg, QRC 1386, Calif.

★XEUW "El Eco de Sotavento desde Veracruz," (The Echo from Leeward of Veracruz) Veracruz 25 w 6.020 relays XEU 1,010 kc (o) "Marcha Zacatecas." (i) Xylophone. (s) "Las Golondrinas." Mario Ronzon & Victor M. Martinez, Announcers. Fernando Pazos Sosa, Owner & Operator. Studios: Av. Gomez Farias 33.

6.020 XEUW 8\_\_\_\_\_12

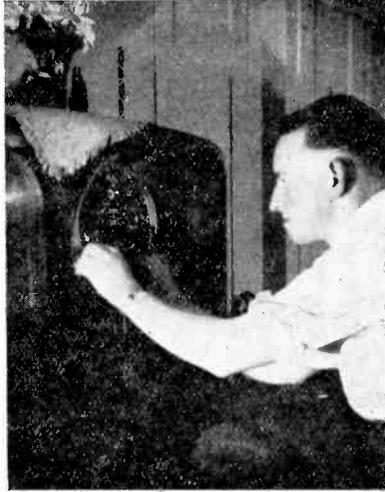
SMTWTFSS

### MEMBERSHIP CAMPAIGN

For having introduced the greatest number of new members during the period ended May 10, 1938, Ray La Rocque, QRC 140, of 20 Hampden Street, Worcester, Mass., is awarded with pleasure the prize World Time Clock so kindly donated by Mr. Philip Cass, QRC 478, of Philadelphia. With a round dozen as his score, the winner's margin was extremely narrow. May the efforts of all members to spread the fame of the QRC continue unabated, in the assurance that such aid is warmly appreciated, and we wish especially to thank Mr. Cass for the donation of these prizes as a stimulant to QRC growth. With fourteen hundred boosters at the conclusion of this season, the QRC anticipates even more rapid growth with the advent of the approaching season to be inaugurated by the September REPORTER.

My set is a Zenith 1202—12 tube all wave 1936 model—with a Peak P-11 preselector. My aerial is a horizontal one about 100 feet long and I use no ground system. I intend to buy one of the new Hallcrafters special sets that sell at \$149.50, adding the preselector to that set. When I get it, I will let you know. How are chances for changing my number from 1219 to 1300? I sort of like thirteens?—QRC 1219, Bernard L. Ahman, Jr., Md.

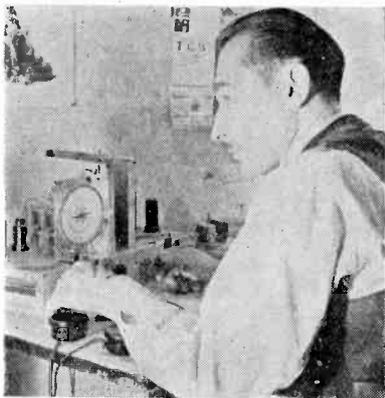
Kindly advise if any U. S. short wave stations are using directional antennae sending toward the Philippine Islands or toward Malaya. Are any such services contemplated?



Maurice Clark, QRC 741, of California, puts his Zenith 15 through its paces.

Noise level is so high in this country that pleasurable reception of U. S. stations is much more rare than many of us like to see. Programs from, for example, London and Berlin sent out on directional antennae, generally come through very satisfactorily. I expect there are many Americans located here in the Far East who would welcome better reception from U. S. stations.—QRC 1401, E. B. Uewton, Resident Director, Malayan Research Laboratories, The B. F. Goodrich Company, Kuala Lumpur, F.M.S.

Enjoy the REPORTER very much but will have to say with others that I missed getting it in time to get all the copies with the FB Log in them. Run it again some time in the not too distant future.—H. M. Weatherly, QRC 1177 Tenn.



Harold Levison, QRC 406 Pa., twists the tail of a Doerle.

#### QRC REPORTING MEMBERS

- 8 Henry V. Miner, Mass.
- 97 J. R. Mappin, Calif.
- 163 Robert L. Weber, Ill.
- 165 Thomas G. Grey, Ill.
- 174 Thos. Van Auken, Tex.
- 215 Thomas F. Waters, Ohio.
- 218 Merton T. Meade, Mo.
- 252 Walter L. Chambers, Mass.
- 297 Floyd M. Murphy, Ill.
- 311 Eric A. Bristow, Ill.
- 344 Frank Anzalone, Ill.
- 384 Lewis F. Miller, N. Y.
- 386 Wm. H. Jessen, Ore.
- 392 R. B. Oxrieder, Pa.
- 407 Donald S. Wright, Pa.
- 412 E. D. Schenk, Ill.
- 484 Albert H. King, N. Y.
- 496 Rudolph Bossert, N. Y.
- 562 Sgt. A. W. Brummund, Utah.
- 802 Edward C. Wulfe, Ill.
- 852 Robt. W. Kirkpatrick, B. C.
- 912 Melvin W. Oliver, Tex.
- 917 Dr. Pablo Franquet, Arg.
- 929 Syd. Leopard, Eng.
- 1006 Dr. J. S. Pugh, Tex.
- 1023 James F. Dyer, Va.
- 1141 Ewald H. Kopp, Wisc.
- 1341 Louis J. Ragazzini, N. Y.
- 1347 Alfred H. Bacon, B. C.
- 1387 John O'Leary, N. Y.
- 1394 Earl G. Bartels, Colo.

You may start sending the REPORTER immediately. I would like the April issue if I am not too late in ordering. I think your magazine is very fine. It contains so much useful information that is really a big help in DXing.—N. C. West, QRC 1377 Ont.

I am enclosing two reports, one on HP5A Panama City and one on CB-1170 Santiago de Chile, with 26c. I wish you would request cards of these stations in verification of my reception. For the stations listed in the REPORTER, I'll send all reception reports via QRC. Thanking you in advance for this favor.—QRC 1006, J. S. Pugh, M. D., Texas.

The set here, a National NC-100X, has not been so hot. I don't get any good DX. I am going to write Pierson-DeLane for details of their PR-15. The weather here is getting warmer so the DX will drop off, but I'll have to get up in the morning for the far eastern stations.—E. D. Schenk, QRC 412, Illinois.

Veri from HJ6ABH received today on my report of March 20. Thanks a lot for the service. I reported this station direct soon after they came on the air, but never received their card. The veri today through the QRC shows the value of your service.—QRC 1002, Gustave A. Magnuson, R. I.

#### COLOMBIA

The announcement has been intercepted that HJ1ABP Radio Cartagena, of the city of that name, offers a new verification card in commemoration of their second anniversary.

## STATION DATA

In this issue the Station Data section will be found replete with detail, but listeners are reminded that only a third of this section is published each month.

## MOZAMBIQUE

CR7AA Lourenco Marques 300 watts 6,137 kc & CR7BH 300 w 11,718 (o) "Maria de Fonte" March. (s) "A Portuguesa" National Anthem. Announcements in Portuguese and English by a lady and two gentlemen. Carlos Ahrens Teixeira, Chief Announcer. Caetano Campo, Commercial Agent. Augusto Goncalves, Technician. Dr. Antonio de Sousa Neves, Director & Manager. Radio Club de Mocambique, Owner. Studios: Avenida da Republica. Caixa Postal 594.

5---7 10-----2  
4 $\frac{1}{2}$ --6 $\frac{1}{2}$  9 $\frac{1}{2}$ ---11 12 $\frac{1}{2}$ -----4 12.1 S MTWTF

FLASH: Power of CR7AA to be 600 watts on 6,137 or 3,490 kc in July.

I've experienced an odd thing here concerning SW reception. It's this: when I bought my Zenith 12 at Xmas, the Central and South American stations were coming in fine. Now, and in fact for the past two months, reception has been marred by static and bad fading. However, to make up for this loss of reception, it seems that Europe is doing its stuff. I haven't changed the direction of my aerial in any way, so it looks like I'm sunk until fall. I have my eyes on the new Scott radio as I see quite a few QRC members own this set.—QRC 1346, Chester Hartmann, W. Va.

Have been doing very little listening lately—having a radio vacation as I do when I find myself going stale at the game. Believe I'm about set to get back to it now, but summer is practically upon us and static is present galore (except on special occasions when we have a cool snap, such as today). Intend doing what I can, but reports will be fewer from now on.—QRC 912, Melvin W. Oliver, Texas.

I would like you to put me on your subscription list for the REPORTER for one year. Please send your latest issue to start with, as I will have a new Scott radio within two weeks time.—QRC 1375, Eric C. Nelson, Illinois.

I am sending you a few lines to let you know that I have purchased a new Sky Challenger SX-18 made by the Hallicrafters Company, and would appreciate your listing it per page 8 of the May SWR.—John Peter Gawel, QRC 814, N. Y.

Am enclosing four dime veri reports on stations heard here for quite a while, and I now wish to avail myself of the opportunity to verify them under the QRC simple and intelligent plan. The other eight are stations I've already written but which have not answered after a reasonable lapse of time. They will be handled under the Connoisseur Plan and I hope I shall have better luck under this plan than I've had in sending for veries myself.—Louis J. Ragazzini, QRC 1341, N. Y.

## NETHERLANDS

PCJ Hilversum 9.590, 15.220, PHI 17.770 (s) "William of Nassau," National Anthem. Chief Announcer: Edward Startz. Second Announcer: L. G. Wybrands. Owned by N. V. Philips' Omroep Holland-Indie of Eindhoven, Emmasingel 29. Address: Phohi Studios, Hilversum, Jan v. d. Heydenstraat 41.

9.590 PCJ	2.3	7 $\frac{1}{2}$ --9 $\frac{1}{2}$ 8 $\frac{1}{2}$ 9 $\frac{3}{4}$	S
	1 $\frac{3}{4}$ --3 $\frac{3}{4}$	7--8 $\frac{1}{2}$ 8 $\frac{3}{4}$ --10 $\frac{1}{4}$	M T T W
11.730 PHI		7 $\frac{1}{2}$ 8 $\frac{1}{2}$	
15.220 PCJ-2			2.3 $\frac{1}{2}$ T
17.770 PHI-2	7 $\frac{1}{2}$ --9 $\frac{1}{2}$ 6 $\frac{1}{2}$ --9 $\frac{1}{2}$		W S MT TFS

## NETHERLAND EAST INDIES

PLP Bandoeng 1.5 kw 11.000; PMH Bandoeng 1.5 kw 6.720; YDB Soerabaia 1 kw 9.610 & 15.300; PMN Bandoeng 1.5 kw 10.260; YDC Bandoeng 1.5 kw 15.150—approximately in the order of their signal strength in North America. (s) "Sing as We Go" (morning session, Java time, not audible in U. S.). (s) "End of a Perfect Day" (evening session—morning in U. S.). The Netherlands Indies Broadcasting Co., Ltd., (NIROM), Batavia-Centrum. Koningsplein West 5, Java.

3.040 YDA Batavia	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$	6.7 $\frac{1}{2}$	SMTWTFS
6.720 PMH Bandoeng	4 $\frac{1}{2}$ -----11 $\frac{1}{2}$	9 $\frac{1}{2}$ -----1 $\frac{1}{2}$	S
7.400 YDA Batavia		10 $\frac{1}{2}$ -----2	SMTWTF S
9.550 YDB Soerabaia	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$	6.7 $\frac{1}{2}$	SMTWTFS
10.260 PMN Bandoeng	4 $\frac{1}{2}$ -----11 $\frac{1}{2}$	7 $\frac{1}{2}$ -----2 6.7 $\frac{1}{2}$ 10 $\frac{1}{2}$ -----2	S SMTWTFS
11.000 PLP Bandoeng	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$ 4 $\frac{1}{2}$ -----11 $\frac{1}{2}$	6.7 $\frac{1}{2}$ 10 $\frac{1}{2}$ -----2 7 $\frac{1}{2}$ -----2	SMTWTF S
15.150 YDC Bandoeng	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$ 4 $\frac{1}{2}$ -----11 $\frac{1}{2}$	6.7 $\frac{1}{2}$ 10 $\frac{1}{2}$ -----2 7 $\frac{1}{2}$ -----2	SMTWTF S
15.300 YDB Soerabaia		7 $\frac{1}{2}$ -----2 10 $\frac{1}{2}$ -----2	SMTWTFS S

PMY Bandoeng 1 kw 5.138 (o) "Fideles Munchen" Military March. (i) Song on Chimes "No Money and No Sorrows." (s) "Auf wiedersehen, my dear." C. Reids Leegsma, Chief Announcer. J. G. Prins, President. Bandoengsche Radio Vereeniging, Owner. Studios: Nillmy Building, Aloon Aloon. Postal Address: Dagoweg 101.

5.138 4-----10 $\frac{1}{2}$	5 $\frac{1}{2}$ -----11 $\frac{1}{2}$ 12 $\frac{1}{2}$ --2 $\frac{1}{2}$	SMTWTFS
------------------------------	--	---------

## NETHERLAND WEST INDIES

PJC-1 "CUROM" Korte Golf Zender, Willemstad, Curacao 150 w 9.930, PJC-2 9.095 (s) "William of Nassau" Netherlands National Anthem. Local time 24 minutes ahead of EST. Government Station leased to Curaçaosche Vereeniging (Curacao Radio Club) and operated by subscriptions paid by members. P. Maduro, Announcer. D. Molinhamp, Director of Radio and Telephone Services, Lands Radio-en Telefondienst.

*From*  
**Philadelphia**



Mrs. C. J. McGregor and her daughter  
with their Super Sky rider.

*to the* **ARCTIC**

Capt. C. J. McGregor  
of the McGregor  
Arctic Expedition.



**HALLICRAFTERS RECEIVERS  
WITH THE MCGREGORS IN  
THE ARCTIC AND AT HOME**

● At home, with the head of the family locked in the frozen wastes of the Arctic, Mrs. C. J. McGregor and her daughter are cheered by his voice as it comes through the speaker of their Super Sky rider. And in the far North, Captain McGregor and the members of the McGregor Arctic Expedition keep in daily touch with the world through another Hallicrafters receiver.

Thus the scientific expeditions to the far places of the world, the research laboratories in the great universities, and hundreds of other stations where dependable short wave reception is not only desirable but imperative, are selecting Hallicrafters receivers for their fine performance under all conditions of service.

This same high standard of performance is the factor that is influencing thousands of amateurs in their selection of Hallicrafters receivers



The Gen. A. W. Greeley,  
the McGregor ship, taking  
on supplies.



The McGregor Expedition  
QSL card, with Mr. A. G.  
Sayre, radio operator for  
the expedition.

All Hallicrafters Receivers now available on Liberal Time Payments.

**the hallicrafters inc.**

2611 Indiana Ave., Chicago, U. S. A.

Cable Address "Hallicraft" Chicago

"WORLD'S LARGEST BUILDERS OF AMATEUR COMMUNICATIONS RECEIVERS"

## NICARAGUA

YNAM "La Voz del Pacifico," Managua, D. N., 7.200.

YNIGG "La Voz de los Lagos," Managua, D. N., 6.533. Raul Gutierrez U. & Co., Ltd., Owners.

★YN-GU "Alma Nica," Managua, D. N., 50 w 9.300 (o) "The Sesqui-Centennial Exposition March." Newspaper of the Air (s) "The Rosary." Director's Chat 5:30 p. m. EST (o) "Amar sin Esperanza." (i) One Stroke of a Gong. (s) Nicaraguan National Anthem. Br. Jorge Montealegre Callejas, Announcer. R. Ernesto Gutierrez U., Technical Engineer. Srita. Matilde Haydee Diaz, Owner & Operator. Studios: Photographic Studio of A. Diaz F. & Daughters on Calle 15 de Septiembre. Apartado 295.

9.300 YNGU 12...2 5-6 MTWTFS

YNLF "La Voz de Nicaragua," Managua, D. N., 1 kw 7.600, 9.650. Empresa LeFranc, Owners. Calle 15 de Septiembre, No. 206.

★YN-LG "Ruben Dario," Managua, D. N., 1 kw 6.610 (o) "General Marcelo Caraveo," March opening with Bugle Call thrice. Morning and Afternoon Sessions: (s) "Till We Meet Again," Waltz. Evening Session: (s) "Good Night, Ladies," Medley Waltz. Benjamin Guerra (Chief), Cesar Guerra and Francisco Chirip, Announcers. Benjamin J. Guerra L., Technical Director & Manager. Benjamin J. Guerra & Constantino Lacayo Ltda., Owners. Studios: 5a Calle Noroeste No. 207.

6.610 YNLG 6-7 11...1 4-----8 SMTWTFS

YNOP Estacion "Bayer," Managua, D. N., 1 kw 5.758 (o) 8:30 p. m. EST March by Orchestra. (i) Xylophone. (s) "Good Night Melody." Rodolfo Arana C., Announcer & Collaborator. Ernesto Andreas, Technician. Miguel G. Hernandez, Director. Edmundo Tefel, Manager. Edmundo Tefel & Ernesto Andreas, Owners. J. R. E. Tefel & Co., Sponsors. Studios: Frente a la Ermita del Perpetuo Socorro. (IRC invalid in Nicaragua.) 5.758 YNOP 8--10½ MTWTFS

YN-PR "La Voz del Radio Pilot," Managua, D. N., 500 w 8.580. Relays YNPR 630. A. Majewsky, Mgr. Rodolfo Sengelmann, Owner.

## NORWAY

LKC "Norwegian State Short Wave Broadcasting Station," Jeloy 10 35 46 E. 59 26 12 N., 1 kw 9.530 & LKJ 1 kw 6.130 relays Norwegian National Program from Oslo. (i) 6 notes, "Hallo, Oslo." (s) National Anthem, "Ja, vi elsker" (Yes, We Love This Country) and motif from Grieg's "Sigurd Jorsalfar." Men announcers. Olav Midttun, Program Director. Government Station. Studios: Norsk Rikskringkasting, Stortingsgaten 28, Oslo. Address for Listeners' Reports: Administration des Telegraphes, Oslo.

9.530 LKC 5-----8 SMTWTFS  
6.130 LKJ 11½-----5 SMTWTFS

I think the SWR is the best book published and wish the QRC all the luck, my only regret being that I did not know of it sooner. Are there any local clubs of QRC around Ala-

meda, or Oakland, where I can get in touch with members so that we may talk over short wave problems? —QRC 1379, Edward Walpole, 159 Maitland Drive, Alameda, Cal.

## PANAMA

★HP-5A "Radio-Teatro Estrella de Panama," (Star & Herald Radio Theatre) Panama City 300 w 11.700 (s) "Anvil Chorus." Brandon Eisenman, Announcer. A. Villegas Arango, Managing Director. Radio-Teatro, Inc., Owners. Studios: Av. Sur No. 8. Apartado 954.

HP5B "Estacion Miramar," Panama City 200 w 6.030 relays HP5C 100 w 730 kc (o) March "Panama." (s) "Good Night Melody." Urbano Vengoechea and Sta. Maria Vidal, Announcers. Guillermo Endara P., Manager & Director. Radio Panama, S. A., Owner. Studios: Club Miramar, Bella Vista. Apartado 910.

6.030 HP-5B 10½-----2 5-----10 SMTWTFS

★HP5F "La Voz de Colon," Colon 250 w 6.050 (o) "Washington Post March." (i) Bugle call, twice. (s) "Los Bomberos de Colon" (The Firemen of Colon). C. E. Villalaz & Roy Greene, Announcers. Roy Greene, Commercial Agent. C. E. Villalaz, Director & Manager. Manuel Diaz Doce, Owner. Studios: Cristobal Nuevo 10,091 esq. a Novena. Apartado 427.

6.050 HP5F 8-9 11----1 4- 6 9---10½ SMTWTFS

HP5G "Ron Vallejo" (Valley Rum) Panama City 11.780. Apartado 1121.

11.780 HP5G 10½---12 Testing

HP-5H "La Voz del Pueblo," Panama City 6.122 .Apartado 1045.

6.122 HP5H 8-----12 SMTWTFS

HP5I "La Voz del Interior," Aguadulce 50 w 11.895 (s) "El Tambor de la Alegria" (The Drum of Joy). (i) Gong—3 strokes thrice on hour and half-hour. Francisco Cebamanca, Announcer. T. Fogarty, Secretary, English Section. G. J. Ecker, Treasurer. Alejandro de Boutaud, Manager & Director. Studios: Plaza Principal. P. O. Box 24.

HP-5J "La Voz de Panama," Panama City 2.6 kw 9.605 (s) "Disciplina, Honor y Abnegacion" March. (i) Trumpets. Federico Jimeno Collante and Srta. Albertina Arosemena, Announcers. Americo Morales, Technician. Andres de Olschansky, Commercial Agent. Lic. Ramon Morales, Director. Manuel Diaz Doce, General Manager. Servicio Publico de Radio, S. A., Owners. Studios: Av. Central No. 169. Apartado 867.

9.605 HP5J 10-----1½ 5-----10 SMTWTFS

HP-5K "La Voz de la Victor," Colon, R. P., 250 w 6.005 relays HP-5O 250 w 1,440 kc (s) "La Viuda Alegre" (Merry Widow Waltz). (i) Chimes. Manolo Castillo, Jr., Alberto Basmagi, Announcers. Jose Jaen Jaen, Manager & Technician. Argimiro Guardia Jaen, Commercial Agent. Jose Jaen Jaen y Cia. Ltda., Owners. Studios: Av. del Frente y Calle 6a No. 1,002. Apartado 33.

6.005 HP5K 7---9 11½---1 6-----11 SMTWTFS

HP5L "Las Ondas del Baru," David, Chiriqui Prov. 350 w 11.740. Leo Marchosky, Mgr. Apartado 129.

## PARAGUAY

ZP-14 "Radio Cultura," Villarrica 2 kw 6.250 (i) Whistle every half hour. Juan Arena, Announcer. Ing. Herbert Novotny, Technician. Eugenio Friedmann, Manager & Director. Friedmann Hermanos (Friedmann Brothers) Owners.

6.250 ZP-14 11-----6 SMTWTFS

## PERU

Radio "Rancho Grande," Trujillo, 12,000. Larko Brothers, Owners.

OAX1A "Radio Delcar," Chiclayo 300 w 6.335 (o) "Anchors Aweigh." (s) "Good Night Melody" by Ted Lewis & Orchestra. J. Carlos Montjoy D., Owner. Casilla No. 9.

OAX4G "Radio Grellaud" (pronounced Gre-jo') Lima (Plant 5 miles from Lima on Av. Colonial) 400 w 6.230 relays OAX4B 1,200 kc (o) "Marcha de los Granaderos del Rey Federico" by Ferdinand Radeck. (s) Goodnight Waltz by Wood-Bibo & Conrad. Roberto Cruzalequi, Art Director & Announcer. Manuel Cabanillas, Technician. Benjamin Fernandini, Commercial Agent. Francisco M. Crespo V., Director & Manager. Jose Bolivar, Business Manager. Empresa Peruana Parlante Bolivar & Carcovich, Owners. Studios: 304 Hidalgo Building, Portal de Belen 138. P. O. Box 2234. 6.230 OAX4G 5-----11 SMTWTFS

\*OAX4J "La Voz de Lima," Lima 77 2 39 W 12 3 5 S 500 w 9.330 relays OAX4I 1 kw 1,100 kc (o) "Broadway Rhythm." (i) 3 chimes. (s) "Whistler and His Dog." Multilingual recording at sign-off. Antonio P. Vazquez P. (OA4H) Managing Director. Jorge Aprile, Manager. Radio Internacional, S. A. Owner. Studios: Edificio Minería, sexto piso. Casilla 1166. 9.330 OAX4J 12-----12 SMTWTFS

OAX4P "Radio Huancayo," Huancayo 5.975. Apartado 187.

OAX4Z "Estacion Radio Nacional del Peru," Lima (San Miguel) 10 kw 6.082 & OAX4T 10 kw 9.562 OAX4A 10 kw 854 kc (s) McDowell's "To a Wild Rose." Studios: Av. Petit Thouars 447.

OAX5C "Radio Universal," Ica 9.480 relays OAX5B (s) "Estrellita" by Manuel A. Ponce, organ. J. A. Umberto F., Owner & Operator. Studios: Avenida San Luis s/n.

OAX6A "Radio Arequipa," Arequipa 100 w 6.122 (o) "La Marcha de los Marineros." (s) "Himno Nacional del Peru." Eduardo Caceres B., and Jorge Caceres B., Announcers. Alberto Malaga, Manager. Edo. L. Caceres, Owner & Director. Studios: Munoz Najar 141. Casilla 293.

## PHILIPPINES

KZRM "Radio Manila," Manila 1 kw 9.570 or 11,840 relays KZRM 35 kw 618.5 kc/s (s) "Goodnight Melody" with "Taps" on chimes. (i) 3 Chimes. Announcements in English, Spanish and Tagalog. Thos. R. Worthen, Manager. Erlanger & Galinger, Inc., Owners & Operators.

5-----9 4--6 MTWTFS  
4-----10 S

## POLAND

SPD "Polskie Radio," Warsaw (Babice) 2 kw 11.535, SPW 10 kw 13,635 Opening and Interval Theme: Melody from the Opera "The Haunted Castle," by Stanislas Moniuszko. (s) Polish National Anthem. A lady and two gentlemen announcing. Government Station under the direction of the Ministry of Posts & Telegraphs, Technical Exploitation Section. R. Starzynski, Director General of Polskie Radio. P. Gorecki, Director of Programs. W. Topolinski, Director of Short Wave Programs. Studios: Warszawa 1, Mazowiecka 5. Skrzyznka Pocztowa (P. O. Box) 1141.

11.535 SPD 6-----9 S S  
13.635 SPW 6--8 SMTWTFS

**PORTUGAL**

"Radio Renascenca" or "Emissora Catolica Portuguesa," Lisbon 2.5 kw 5.977. No call letters used. (s) "Hymn to Our Lady de Fatima."

(i) None. Sister Laurinda and others, announcers. Father Lopes da Cruz, Director. "Renascenca," a Catholic publication, Owner. Rua Capelo No. 5.

CS2WA "Radio Colonial," Lisbon 2 kw 9.650 (o) "Feno de Portugal," March by Cruz and Souza. (s) "A Portuguesa," National Anthem. (i) Cuckoo call thrice. Joao de Melo, Announcer. Abilio Nunes dos Santos, Jr., Owner. Av. Antonio Augusto d'Aguiar, 136.

CSW "Estacao de ondas curtas de Emissora Nacional," Lisbon 10 kw 9.940, 11.040 (s) A "Portuguesa," National Anthem. Aurea Rodrigues, Maria Rezende, Fernando Pessa, Olavo d'Eca Leal, Announcers. Manuel Bivar, Chief Engineer. Captain Henrique Galvao, Director. Government Station under direction of Ministry of Public Works & Communications. Studios: Rua do Quelhas 2.

11.840 CSW-4	1-23	SMTWTFSS
11.040 CSW-2	23-----6	SMTWTFSS
9.940 CSW-3	9.737 CSW 6-----9	SMTWTFSS

**SALVADOR**

YS- "Alma Cuscatleca" Radiodifusora Nacional, San Salvador (Cuscatlan) (o) March "Gerardo Barrios," a former President. Victor M. Escobar, Director General de Telegrafos, Telefonos y Radio Nacionales. Government Station.

11.710 YSM	12---2	6-----10	SMTWTFSS
7.894 YSD			SMTWTFSS

**SIAM**

HS8PJ Bangkok (Saladeng) 5 kw 9.500, 19.020. Interval Signal: 3 chimes in ascending scale. Government Station. Lt. Col. Phra Aram-ronajit, Superintending Engineer of Radio Section, Post & Telegraph Dept. Address: Experimental Shortwave Broadcasting Station HS8PJ, Bangkok.

19.020 HS8PJ	8---10	M	T
9.500 HS8PJ	8---10		

**SPAIN**

EAQ "The Voice of Spain," Madrid (Aranjuez) 20 kw 9.860 & EAR 9.480. Address: "Emisiones al Extranjero," Calle Medinaceli, 2.

EAJ-8 "Radio Espana," San Sebastian, Spain 7.204 relays 1,294 kc. Studios: Avenida, 27.

7.204 EAJ-8	314	8---10	13---435---7	SMTWTFSS
-------------	-----	--------	--------------	----------

**SPANISH MOROCCO**

EA9AH "La Estacion Experimental Nacionalista de la Rueda del Oeste," Tetuan 500 w 14.004. Pro-Franco war news in Spanish and English. Fernando Diaz Gomez, Owner & Operator. Apartado 124.

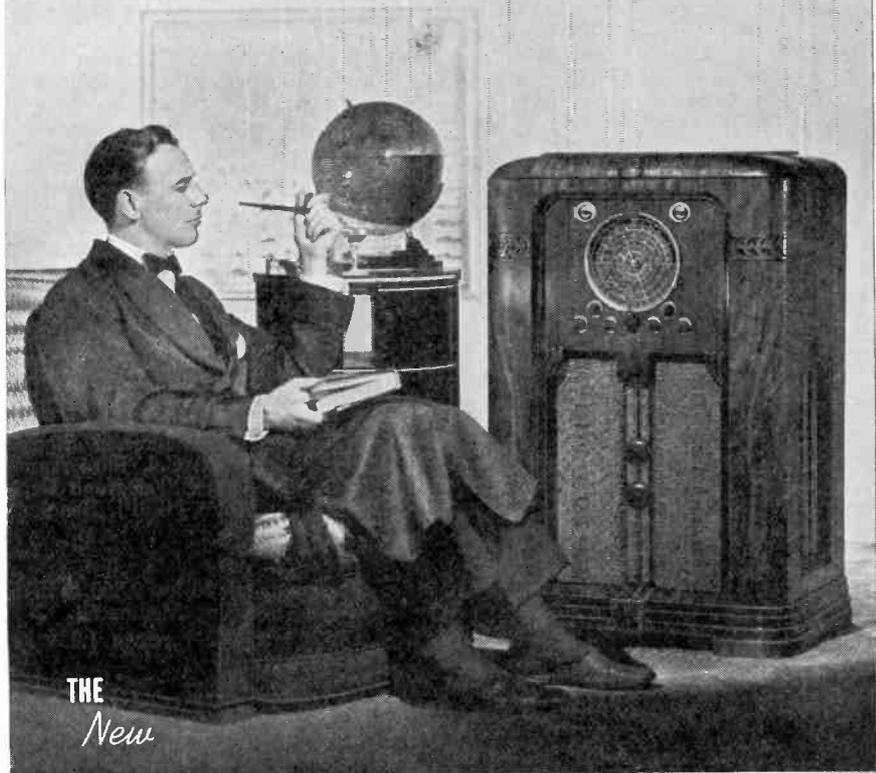
"Radio Guardia Civil," Tetuan 200 w near 6.590 (o) "Himno Jalfifano." (i) Gong. Concluding words: "Saludo a Franco! Arriba Espana!" (s) "Marcha Granadera" (National Anthem). Brigada, Lorenzo Gomez Benitez, Announcer & Director. The Spanish Nationalist State, Owner. Studios: Plaza de Espana (Tetuan). Address: Radio Guardia Civil.

**STRAITS SETTLEMENTS MALAYA**

ZHJ Penang 49 w 6.080 Daily 6:40-8:40 a. m. EST. Time 7 hours 20 minutes ahead of GMT. Penang Wireless Society, Owner. T. A. Crossley, Asst. Hon. Secretary. 40, Perak Road, Penang, S. S. Malaya.

6.080 ZHJ	64--83	SMTWTFSS
-----------	--------	----------

*Super-Powered for*



THE  
*New*

**SCOTT** *Philharmonic*

*Clearer, Stronger Foreign Reception*

# 30 TUBES

## BRINGS IN THOSE WEAK HARD-TO-GET STATIONS

This new Scott Custom-Built Philharmonic is, we believe, the world's most highly perfected long distance receiver. It far surpasses all previous Long Distance World's Records, held by Scott Receivers. 30 Tubes, all operating at peak efficiency, develop tremendous perfectly controlled power. You can now tune many stations you never have heard before. Greater Sensitivity enables you to take a whisper from the far corners of the earth and amplify it to the volume of a "local."

### 3.75 TO 2000 METERS

Greater Wave Length Range, 6 Bands, 3.75 to 2000 meters, gives you complete coverage of practically everything on the air. Every point on the dial is filled with powerful, superb-toned reception. "Years ahead" in design ... it will receive Television Sound Broadcasts. The secret of this new Scott Philharmonic's amazing performance lies in its 8 New Features

(patents applied for), which permit you to locate and bring in those far away, weak, hard-to-get stations that are seldom heard on other receivers.

### CUSTOM-BUILT TO ORDER

The Scott Philharmonic is not an ordinary radio. It is Custom-Built by hand to suit receiving conditions in your locality. Constructed with the precision of a fine watch. Incorporates every modern improvement of radio science. The Philharmonic is the only Radio Receiver, we believe, that will perfectly reproduce the entire tonal range of the human ear (30 to 16,000 cycles). Every tone from the very lowest to the highest is captured with an uncanny realism that seems to bring you into the very presence of the musical rendition. Guaranteed 5 years. Fifteen cabinets by master designers await your choice.



**FREE DETAILS • MAIL THE COUPON NOW!**

**E. H. SCOTT RADIO LABORATORIES, INC.**  
4491 N. Ravenswood Ave., Dept. 44K7, Chicago, U. S. A.  
Please send details about the new Scott Philharmonic. (No dealers. Sold only direct from Scott Laboratories in New York, Chicago, Los Angeles. 30-day free trial.)

Name

Address

ZHO "This is Singapore calling," Singapore 400 w 6.010, ZHP 400 w 9.530, relay ZHL 2 kw 1,333 kc (o) Clock chiming and striking. (i) Clock ticking. (s) British National Anthem. J. F. Barraclough, Announcer. J. Anderson, Technician. Gatley & Bateman, Commercial Agents. J. S. Dumersque, Manager & Director. The British Malaya Broadcasting Corporation, Limited, Owners. Studios: Thomson Road, Singapore, Straits Settlements, British Malaya.

6.010 ZHO	5 $\frac{3}{4}$ -----9 $\frac{3}{4}$				MTWTF
	5 $\frac{3}{4}$ -----9 $\frac{3}{4}$				S
	5 $\frac{3}{4}$ --7 $\frac{3}{4}$				S
9.530 ZHP		9 $\frac{3}{4}$ 10 $\frac{3}{4}$ PST			T
		9 $\frac{3}{4}$ 10 $\frac{3}{4}$ PST			F
		10 $\frac{3}{4}$ -----11 EST			S

## SWEDEN

SBO "Motala Rundradiostation" (Motala Broadcasting Station) Motala 15 02 40 E 58 32 50 N 750 w 6.065 & SBP 11.705. (i) None. Government Station under the direction of The Royal Board of Swedish Telegraphs, Stockholm. Address reports to Motala.

11.705 SBP	6-----1 $\frac{1}{2}$		1 $\frac{1}{2}$		S
	3-----1 $\frac{1}{2}$				S
	6-----9	11-----1 $\frac{1}{2}$		1 $\frac{1}{2}$	MTWTF
6.065 SBO		1 $\frac{1}{2}$ -----5			SMTWTF

SM5SX "Experimental Short Wave Station," Stockholm 400 w 15.155. Uses neither interval signal nor musical signature. Royal Technical University (Kungl. Tekniska Hogskolan).

	9-----5				S
15.155 SM5SX	11-----5				MTWTF

## SWITZERLAND

## LEAGUE OF NATIONS

## SCHEDULE OF BROADCASTS IN ENGLISH

18.480 HBH	1. For India:	10 $\frac{3}{4}$ 11 $\frac{1}{2}$			S
14.535 HBJ	2. For South Africa, Egypt and the Near East:	1 $\frac{3}{4}$ 2 $\frac{1}{2}$			S
6.675 HBQ	3. For the British Isles and North Europe:	1 $\frac{3}{4}$ 2 $\frac{1}{2}$			S
11.402 HBO	4. For North America:	7-7 $\frac{3}{4}$			S
11.402 HBO	5. For Australia and New Zealand:		2.2 $\frac{1}{4}$		M
14.535 HBJ	6. For Australia and New Zealand:		2 $\frac{1}{4}$ 2 $\frac{3}{4}$		M

## SWISS PROGRAM

14.535 HBJ	11.402 HBO	6 $\frac{3}{4}$ --8 $\frac{1}{4}$			M
------------	------------	-----------------------------------	--	--	---

"Radio-Suisse—Radio-Nations." Geneva HBH 18.480, HBF 18.450, HBJ 14.535, HBO 11.402, HBL 9.595, 9.345, HBP 7.797, HBQ 6.675. C. H. Calame, Chief of the Wireless Service. Address reports on League of Nations Bulletin broadcasts to Information Section, League of Nations, Geneva. For other broadcasts address: Radio-Suisse, Quai de la Poste, 12, Geneva. If verification desired, send IRC.

**TAHITI**

FO8AA Radio Club Oceanien, Papeete 200 w 7.100 (s) Opening "La Marseillaise," closing "Aloha Oe" or "Farewell to Thee."

7.100 FO8AA

11-12

T F

**UNION OF SOUTH AFRICA**

Johannesburg (Klipheuvcl) 5 kw 6.097, 9.606 (s) "Die Stem van Suid Afrika" and "God Save the King." Chimes 7 a. m. at midnight EST. Bugle Call opens and closes midnight EST session. African Broadcasting Co., Ltd., Box 4559.

6.007 ZRH Roberts Heights near Pretoria, 5 kw

10 $\frac{1}{2}$ ---12 $\frac{1}{2}$ ---3 $\frac{3}{4}$   
10-----3 $\frac{3}{4}$

11 $\frac{1}{2}$ 12 $\frac{1}{2}$

S  
MTWTFSS  
SMTWTF

6.007 ZRJ Maraisburg near Johannesburg, 500 w.

3 $\frac{3}{4}$ 4

MTWTFSS

6.097 ZRJ Maraisburg near Johannesburg, 500 w.

3 $\frac{3}{4}$ ---5 8-----11 $\frac{1}{2}$   
3 $\frac{3}{4}$ -----7 $\frac{3}{4}$  9-----11 $\frac{1}{2}$   
3 $\frac{3}{4}$ -----7 $\frac{3}{4}$ 8 $\frac{3}{4}$ -----11 $\frac{1}{2}$

11 $\frac{1}{2}$ 12 $\frac{1}{2}$

S  
MTWTF  
SMTWTF<sup>S</sup>

6.097 ZRK Klipheuvcl near Capetown, 5 kw

12-----3 $\frac{3}{4}$   
12-----4

S  
MTWTFSS

6.147 ZRD Durban, 200 w.

8-----11 $\frac{1}{2}$ 12-----3 $\frac{3}{4}$   
3 $\frac{3}{4}$ -----7 $\frac{3}{4}$  9-----3 $\frac{3}{4}$   
3 $\frac{3}{4}$ -----7 $\frac{3}{4}$  9-----4

11 $\frac{1}{2}$ 12 $\frac{1}{2}$

S  
MTWTF  
SMTWTF<sup>S</sup>

9.523 ZRH Roberts Heights near Pretoria, 5 kw

3 $\frac{3}{4}$ ---5 5---7 $\frac{3}{4}$

S  
MTWTFSS

9.606 ZRK Klipheuvcl near Capetown, 5 kw

3 $\frac{3}{4}$ ---5 8-----11 $\frac{1}{2}$   
3 $\frac{3}{4}$ -----7 $\frac{3}{4}$  9-----11 $\frac{1}{2}$

11 $\frac{1}{2}$ 12 $\frac{1}{2}$

S  
SMTWTF  
SMTWTFSS

**UNION OF SOVIET SOCIALIST REPUBLICS**

Moscow (s) "Internationale." Inna Marr, Chief Editor, Radio Center, Solianka 12, Moscow, U.S.S.R. 7.520 RKI-2

6.000 RV-59

4--

SM F

12.000 RNE

10 $\frac{1}{2}$ --

SMTWTFSS  
W

6 $\frac{1}{2}$ --  
6-- 10--

S

9.600 RAN

15.080 RKI

7---9 $\frac{3}{4}$

SMTWTFSS

RV-15 Khabarovsk 4.245. Rowena Meyer, Editor, Radio Committee, Khabarovsk, U.S.S.R.

**UNITED STATES OF AMERICA**

W1XAL "Dedicated to Enlightenment," Boston, Mass. 20 kw 6.040, 11.790, 15.250, 21.460 (o) First six notes of Star Spangled Banner. (s) "Star Spangled Banner." Ruth Stanford, Station Secretary. World Wide Broadcasting Foundation, Owner. Walter S. Lemmon, President. University Club, 40 Trinity Place.

9.550 W1XAL

11.730 W1XAL

15.130 W1XAL

21.500 W1XAL

W1XK Millis, Mass. 10 kw 9.570 relays WBZ Boston (s) "Stars and Stripes Forever." Dwight A. Myer, Plant Manager. Westinghouse Electric & Mfg. Co., Owners. Hotel Bradford, Boston, Mass.

9.570 W1XK

8-----1  
6-----1

S  
MTWTFSS

## QUIXOTE RADIO CLUB

W2XAD "The Voice of Electricity," Schenectady, N. Y., 18 kw 15.330 & W2XAF 25 kw 9.530 (o) "Stars and Stripes Forever" followed by three crashes of 10 million volt artificial lightning. (i) Chimes G-E-C. (s) "Star Spangled Banner." E. S. Darlington, In Charge, Short-Wave Broadcasting. General Electric Co., Owner. 1 River Road.

9.530 W2XAF	3-----11	SMTWTFS
21.500 W2XAD 7	-----11	SMTWTFS
15.330 W2XAD	11½-----6	SMTWTFS
9.550 W2XAD	6½-----10	SMTWTFS

W2XE New York, N. Y. (Wayne, N. J.) 10 kw 6.120, 11.830, 15.270, 17.760, 21.520 (s) "Star Spangled Banner." Miss E. A. Tucker, Director of Programs. A. B. Chamberlain, Chief Engineer. Columbia Broadcasting System, Inc., Owners & Operators. Studios: 485 Madison Av.

21.520 W2XE	8-----1	S	S
15.270 W2XE	7½-----10	MTWTF	S
	2½-----6	S	S
	1-----6	MTWTF	
11.830 W2XE		6½-----11	SMTWTFS
6.120 W2XE		11½12½	SMTWTFS

W3XAL Bound Brook, N. J. 12-15 kw 17.780, 25-30 kw 6.100 relays WJZ (s) "Star Spangled Banner." (i) 3 chimes. Address: Audience Mail, National Broadcasting Co., Inc., RCA Building, 30 Rockefeller Plaza, New York, N. Y.

17.780 W3XAL	9-----9	SMTWTFS
6.100 W3XAL	9½-----12	SMTWTFS

W3XAU Philadelphia (Newtown Square) Pa. 10 kw relays WCAU. J. G. Leitch, Technical Supervisor. Dr. Leon Levy, Director. WCAU Broadcasting Co., Owner. Studios: 1622 Chestnut St.

6.060 W3XAU	12-----11	S	T	F
	12-----9	W		
9.590 W3XAU	12-----12	M	T	S
	9-----12	W		
	11-12	S	T	F

21.520 W3XAU

W4XB Miami Beach (Collins Island in Biscayne Bay) Fla. 5 kw 6.040 relays WIOD. Martin S. Wales, Manager. Milton C. Scott, Jr., Chief Engr. Isle of Dreams Broadcasting Corp., Owner. Studios: News Tower, 600 Biscayne Blvd., Miami.

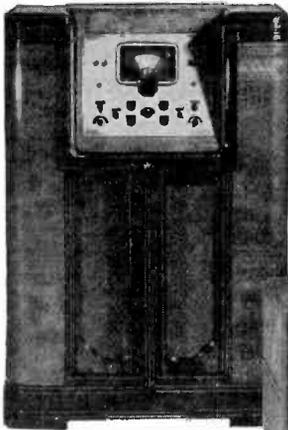
6.040 W4XB	1---3	9-----12	SMTWTFS
------------	-------	----------	---------

W8XAL Cincinnati (Mason) Ohio 10 kw 6.060 & 9.590 relays WLW 700 (s) "Star Spangled Banner." R. J. Rockwell, Technical Supervisor. The Crosley Radio Corporation, Owner, 1329 Arlington Street.

	6½-----8	MTWTFS	
	9-----8	S	
6.060 W8XAL		11-----3	SMTWTFS

W8XK Pittsburgh (Saxonburg) Pa. 40 kw 6.140, 11.870, 15.210, 21.540 & W8XKA 50 w 31.600 (s) "Stars and Stripes Forever." J. E. Baudino, Plant Manager. Westinghouse Electric & Mfg. Co., Owner. Grant Building, 310 Grant Street.

21.540 W8XK	7---9	MTWTFS	
15.210 W8XK	9-----7	SMTWTFS	
11.870 W8XK		7-----11	SMTWTFS
6.140 W8XK		11-----1	SMTWTFS



DELUXE CONSOLE



TABLE MODEL

(Available in Black, Silver or Grey Finish)

---

---

**A  
PROFESSIONAL  
RECEIVER  
for  
THE TRUE DX'er**

**PR-15**

**THE RECEIVER THAT HAS EVERYTHING!**

- ★ 2 Stages of RF all Bands.
- ★ Iron Core IF's.
- ★ Automatic Noise Silencer.
- ★ Series-Parallel band - pass type Crystal to give you the *Last Word* in Selectivity.
- ★ Hi-Fidelity Control for Real Tone.
- ★ Dual Tone Control.
- ★ Unsurpassed DX Reception.
- ★ Professional Metal Case Table Model available to those who may not desire the Console.
- ★ If you can't hear them on a PR-15, they *can't* be heard!

*Send for Descriptive Folder*

**PIERSON-DeLANE, Inc.**

2345-47 W. WASHINGTON BLVD.  
LOS ANGELES - - - CALIFORNIA

W9XAA "The Short Wave Voice of Labor," Chicago (Downers Grove) 500 w 6.080, 11.830 17.780, relays WCFL Voice of Farmer-Labor. Maynard Marquardt, Technical Supervisor. E. N. Nockles, Sec. & Gen. Mgr. Studios & Offices: 20th Floor, American Furniture Mart, 666 Lake Shore Drive.

W9XF Chicago (Downers Grove) Ill. 10 kw 6.100 Associated with WENR, whose slogan is "The Voice of Service." (s) "Star Spangled Banner," National Anthem. (i) Regular NBC 3 Chimes. Identification in Russian, Spanish, Japanese, French, Swedish, Italian, German and English. H. C. Luttgens, Division Engineer. Owned, Managed & Operated by National Broadcasting Co., Inc. For veries: Audience Mail, N. B. C., Merchandise Mart, Chicago, Ill.

6.100 W9XF 1-----6 S  
4-----7 MTWTF  
4.5 $\frac{1}{2}$  S  
1-2 SMTWTF<sup>S</sup>

**URUGUAY**

CXA-2 "Radio Continental," Montevideo 5 kw 6.000 relays LS-2 "Radio Prieto" of Buenos Aires (o) "Hermosa Primavera" (Beautiful Spring). (s) "Isla de los ceibos." Ricardo Vallarino & Oscar A. Rivas, Announcers. Rodolfo Caissols, Director. Ernesto Racine, Manager. Cia. de Radiopublicidad Continental, Owner. Plant: Camino a Carrasco 5151. Studios: Calle Juan C. Gomez 1431.

6.000 CXA-2 10 $\frac{1}{2}$ -----10 $\frac{1}{2}$  SMTWTF<sup>S</sup>

CXA-4 Montevideo 6.125. Hector M. Laborde, Manager. Government Station under the direction of Servicio Oficial de Difusion Radio Electrica. Studios: Calle Mercedes 823.

CXA-8 "Real de San Carlos," Colonia 2.5 kw 9.640 relays LR-3 "Radio Belgrano." Juan E. Cossio, General Manager. Radio Belgrano, Owner. Studios: Belgrano 1841, Buenos Aires, Rep. Argentina.

9.640 CXA-8 7-----12 SMTWTF<sup>S</sup>

CXA-9 Montevideo 5 kw 9.440 & CXA-19 5 kw 11.695 relay CX-14 "El Espectador" or CX-18 "Radio Sport." (s) March music. L. Balerio Sico, Manager. El Espectador Ltda., Owner. Studios: Olimar, 1364 esquina 18 de Julio.

9.440 CXA-9 10----12 5 $\frac{1}{2}$ -----9 SMTWTF<sup>S</sup>  
 11.695 CXA-19 10----12 5 $\frac{1}{2}$ -----9 SMTWTF<sup>S</sup>

**VATICAN CITY STATE**

HVJ "Radio Vaticano," Vatican City 25 kw 80 pc modulation. Characteristics: Ticking of clock for five minutes preceding transmissions—Chimes of St. Peter on the hour—Initial and final words: "Laudetur Jesus Christus." Address: Stazione Radio, Stato della Citta del Vaticano.

6.030 HVJ 9.550 HVJ 11.740 HVJ 15.120 HVJ

**VENEZUELA**

★YV1RB "Ecos del Zulia," Maracaibo (Las Delicias) State of Zulia 300 w 5.850 relays YV1RA 150 w 1,300 kc (s) "Strike Up the Band." (i) Gong and Xylophone. Alirio Jimenez, Antonio Espinoza, Salvador Llamas, Announcers. Manolo Arraez, Technician. L. Garcia Nebot, Director & Co-Owner. Juan Suarez Castro, Manager & Co-Owner. Studios: Ecos del Zulia Building, Vargas esq. a Zamora. Apartado 37.

5.850 YV1RB 8 $\frac{1}{2}$ -----2 3 $\frac{1}{2}$ -----9 $\frac{1}{2}$  S  
5 $\frac{1}{2}$ -----9 3 $\frac{1}{2}$ -----10 $\frac{1}{2}$  MTWTF<sup>S</sup>

YVIRD "Radiodifusora Maracaibo," Maracaibo (ex YV7RMO) 6.070, relays YV1RE, 1,153. Luis Mantellini, Jr., Owner. Apartado 100.

YVIRG "Radio Valera," Valera (Santa Barbara) State of Trujillo 500 w 6.230 (s) "Marcha Radio Valera." Elias Barrios A. and Alberto Isaac, Announcers. Pedro Febres Jelambi, Manager. Jorge Febres Jelambi, Owner. Avenida Bolivar No. 56.

\*YV1RH "Ondas del Lago," Maracaibo (La Arriaga) 350 w 6.360 relays YV1RF 350 w 1,120 (s) "Er weicht der Sonne nicht!" (i) Measure from "Jealousy." "Emisora Philco, etc.," is the advertisement of a commercial house. Luis G. Rosales, Luis G. Govea, N. Vale Quintero and G. Nouel, Announcers. G. Nouel, Technical Director. Nicolas Vale Quintero, Owner. Apartado 261.

YV1RI "Radio Coro," Coro, State of Falcon 250 w 6.210 (s) "Los Tres Colores" (The Tricolor) March. (i) 4 Marimba Notes. Gonzalo Marquez Yanez, Announcer. Eugenio Grand, Manager. Roger Leyba, Owner & Director. Studios: Urbina Building, Commerce Street.

YV1RL "Radio Popular," Maracaibo (Sabaneta Larga) Estado Zulia 300 w 5.930 relays YV1RK 250 w 1,250 kc/s (s) "Marcha del Emblema Nacional" (National Emblem March). (i) 4 Chimes. Maracaibo time 13' 16" ahead of EST. Rafael Rivera, Jorge Asprino, Jose Alvarado, Julio Cesar Borges, Juan Pablo Parodi Granes, Alirio Garcia M., Announcers. Rafael Rivera Parra, Director. Jose A. Higuera M., Owner and Technician. Offices: Bolivar 26, Altos. Studios: Registro 31, Altos. Apartado 347.

\*YV2RA "La Voz del Tachira," (La Emisora de Fidelidad Real) San Cristobal, State of Tachira, 1 kw 5.745 relays YV2RB 1 kw 980 kc (s) "El Capitan," Sousa March. (i) Marimba. San Cristobal Time 11 minutes ahead of EST. Juan A. Chacon & Jose Antonio Perez, Announcers. Juan A. Chacon, Director. Jesus M. Diaz Gonzalez, Owner, Manager & Technician. Studios: Octava de Barbula, 39-41. Apartado 37.

5.745 YV2RA 11 1/2 12 5 3/4 ----- 9 1/2 SMTWTFS

YV3RB "La Voz de Lara," Barquisimeto (Santa Rosa) State of Lara 5.880, YV3RC 9.565, relays YV3RA 1,270 kc (s) "Marcha del Rey Don Carlos" (King Charles March). Sigala & Ramos, Owners.

5.880 YV3RB 7.8 10 ----- 11 S MTWTFSS  
10 ----- 11

YV3RD "Radio Barquisimeto," Barquisimeto (La Granja) 600 w 6.465 (s) "15 de Septiembre" March. (i) "Heroes de Granaditas" March. Raul Montesinos Camejo, Announcer. Raul Sucre & Rafael Angel Segura, Technicians. Rafael Angel Segura, Director & Manager. Amilcar & Rafael Angel Segura, Owners. Studios: Av. Bella Vista, 419.

6.465 YV3RD 12 --- 2 6 ----- 10 SMTWTFS

YV4RB "La Voz de Carabobo," Valencia, State of Carabobo, 500 w 6.520 relays YV4RA. (s) "Gridiron Club March." (i) 4 marimba notes. Pedro Henriquez & Miguel Eduardo Vasquez, Announcer. Ramon Nunez hijo, Technician. Guillermo Degwitz, Manager & Director. Hermann & Guillermo Degwitz, Owners. Studios: Calle Constitucion No. 298.

6.520 YV4RB 11 ----- 2 5 ----- 10 SMTWTFS

YV4RD "La Voz de Aragua," Maracay, State of Aragua, 6.300, YV4RG 1,150 (s) "El Aragueno," a typical Venezuelan joropo composed by Manuel Briceno. Station identification on quarter hour with background music. O. Paz Castillo, Director. Oscar Croquer, Manager.

YV5RC "Radio Caracas," Caracas (Las Barrancas) 1 kw 5.800 relays YV5RA 5 kw 960 kc/s (s) March "Radio Caracas." (i) 4 Chimes. Domingo Hurtado, Alberto Oyarzabal, Leon Bravo, Francisco Fossa Andersen, Carlos Fernandez, Announcers. Alcides Toro, Sub-Director. Ricardo Espina, Manager & Director. C. A. Almacen Americano, Owners. Studios: Pajaritos a La Palma. Apartado 2009.

YV5RD "Radiodifusora Venezuela," Caracas 2.5 kw 6.158 relays YV5RB 5 kw 1,200 (s) "Unidos para Siempre," March. Hermann Degwitz Director. Gerardo Siblesz, Manager. Degwitz & Siblesz, Owners. Plant: Las Barrancas, 3 miles from Caracas. Studios: Interior del Pasaje Ramella.  
6.158 YV5RD 10 $\frac{1}{2}$ -----1 $\frac{1}{2}$  3 $\frac{1}{2}$ -----10 $\frac{1}{2}$  SMTWTFS

YV5RF "Estudios America," Caracas 1 kw 6.375 relays YV5RE 1,100 kc (s) March "Coronel Gonzalez." (i) 3 chimes. Carlos Michelena, Announcer. Manuel Cisneros, Technician. Jose Jimenez, Agent. Carlos Saume Carreno, Director. Manuel Barnola, Manager. Studios: Este 8 callejon Municipal No. 8. Apartado 583.

6.375 YV5RF 12-----2 5-----10 SMTWTFS

YV5RH Emisora "Ondas Populares," Caracas (ex YV9RC) 6.400, relays YV5RG 1,010. Studios & Tx: Los Jardines-El Valle (Valley Gardens) in downtown Caracas. Gonzalo Veloz Mancera, Owner & Operator. Apartado 1931.

6.400 YV5RH 8 $\frac{1}{2}$ -----1 $\frac{1}{2}$  5 $\frac{1}{2}$ -----10 $\frac{1}{2}$  SMTWTFS

★YV5RJ "La Voz de LA ESFERA," Caracas (Colonia Tovar) 1 kw 6.250 relays YV5RI 500 w 1,370 kc (s) "La Voz de LA ESFERA," march. (i )Gong. Rafael Marquis & Francisco Carreno Delgado, Announcers. Edmundo Suegart, Director. Manuel de Goya, Manager. Suegart & Co., (Publishers of the Daily Newspaper LA ESFERA) Owners. Studios: Padre Sierra a Munoz No. 3. Apartado 1908.

6.250 YV5RJ 10 $\frac{1}{2}$ ---12 $\frac{1}{2}$  4 $\frac{1}{2}$ -----10 $\frac{1}{2}$  SMTWTFS

YV5RP "La Voz de la Philco," Caracas 5 kw 6.270 relays YV5RQ 882 kc (s) "Schubert & Clarinada Military March." E. Vera F., E. Navas, J. G. Hurtado, G. Prohano, E. Salvador, Announcers. Augusto Brandt & Nicolas Delmare, Art Directors. Azael de La Lastra & Rafael Ramirez, Directors. Victor M. Soto, Owner. Studios: San Francisco a Pajaritos 31, altos. Apartado 508.

YV5RR Caracas 5.835 relays YV5RS. Apartado 185.

★YV6RB "Ecos del Orinoco," Bolivar City, State of Bolivar, 200 w 6.545 relays YV6RA 200 w 1,400 kc/s (s) One Step "Sin Nombre." (i) Bell. Antonio Jose Rivas, Ivan Esquerre, Maria Elena Benigni, Arnoldo Gomez, Raquel Torres, Announcers. Jose Rafael Guacaipuro Guariguata, Technician. Jose Miguel Otero, Manager. Enrique Torres Valencia, Owner & Director. Offices: Calle Bolivar No. 32. Studios & Plant: Paseo 5 de Julio No. 7. Apartado 34.

YV6RC "Radio Bolivar," (Emisora guayanesa) Ciudad Bolivar (Orinoco River) 300 w 6.420 (s) "Marcha Venezuela." (i) Gong. Pedro Reyes, Francisco Verde, Antonio J. Setillo and Alejandro Ruiz. Announcers. Jose Francisco Miranda G., Manager. Miranda & Beherens, Owners. Plant: Zona de Ensanche. Studios: Calle Amor Patrio 337. Offices: Calle Orinoco.

(★) QRC Vouchers honored.



BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	Days		
6.010	49.92	Recife, Brazil	★PRA-8							9			12	1	2	3	4													S	MTWTFSS
6.012	49.90	Bogota, Colombia	★HJ3ABX								10 $\frac{1}{2}$	11 $\frac{1}{2}$	12	1	2	3	4													S	MTWTFSS
6.015	49.88	Santiago, D. R.	★HI-3U						7:48 $\frac{3}{4}$		10 $\frac{1}{2}$	11 $\frac{1}{2}$	12	1	2	3	4													S	MTWTFSS
6.020	49.83	Berlin	D J C								10 $\frac{1}{2}$	11 $\frac{1}{2}$	12	1	2	3	4													S	MTWTFSS
6.020	49.83	Veracruz, Mexico	★XE-UW						8		10 $\frac{1}{2}$	11 $\frac{1}{2}$	12	1	2	3	4													S	MTWTFSS
6.030	49.75	Panama City	HP-5B						8:9 $\frac{1}{2}$				2	3	4															S	MTWTFSS
6.040	49.67	Boston	WJXAL										2	3	4															S	MTWTFSS
6.040	49.67	Miami, Fla.	W4XB										1	2	3															S	MTWTFSS
6.040	49.67	Barranquilla, Col.	HJ1ABG										1	2	3															S	MTWTFSS
6.050	49.58	Colon, Panama	HP-5F										1	2	3															S	MTWTFSS
6.054	49.55	Perera, Colombia	HJ6ABA									11 $\frac{1}{2}$	12	1	2	3														S	MTWTFSS
6.060	49.50	Philadelphia	W3XAU						9 $\frac{1}{2}$			11 $\frac{1}{2}$	12	1	2	3														S	MTWTFSS
6.060	49.50	Cincinnati	W8NAL						6 $\frac{1}{2}$			12	1	2	3															S	MTWTFSS
6.070	49.42	Toronto, Canada	CF-RX						7 $\frac{1}{2}$		10 $\frac{1}{2}$	11	12	1	2	3														S	MTWTFSS
6.070	49.92	Georgetown, Br. Guiana	VP3MR						7 $\frac{1}{2}$		10 $\frac{1}{2}$	11	12	1	2	3														S	MTWTFSS
6.070	49.42	Maracaibo, Ven.	YV1RD										1	2	3															S	MTWTFSS
6.073	49.40	Bogota	HJ3ABF										4 $\frac{1}{2}$	5 $\frac{1}{2}$	6 $\frac{1}{2}$														S	MTWTFSS	
6.075	49.38	Guadalajara, Mex.	★XE-CU						9			11	12	1	2	3														S	MTWTFSS
6.082	49.32	Lima, Peru	OAX4Z																											S	MTWTFSS
6.085	49.30	Cali, Colombia	★HJ5ABD								10	11	12	1	2	3														S	MTWTFSS
6.100	49.18	Chicago	W9-NF										1	2	3															S	MTWTFSS
6.100	49.18	Bound Brook	W3XAL										1	2	3															S	MTWTFSS
6.110	49.10	Manizales, Col.	HJ6ABB																											S	MTWTFSS
6.110	49.10	Daventry, England	G S L																											S	MTWTFSS
6.120	49.02	Mexico City	XE-UZ								10	11	12	1	2	3														S	MTWTFSS
6.120	49.02	New York City	W2-XE																											S	MTWTFSS
6.122	49.00	Arequipa, Peru	OAX6A																											S	MTWTFSS
6.122	49.00	Panama City	HP-5H																											S	MTWTFSS
6.125	48.98	Montevideo, Uruguay	CXA-4						8				2	3	4															S	MTWTFSS
6.130	48.94	Halifax	VE9HX						5 $\frac{1}{2}$		10 $\frac{1}{2}$	11	12	1	2	3														S	MTWTFSS
6.130	48.94	Georgetown, B. C.	VP3BG						6 $\frac{1}{2}$		10 $\frac{1}{2}$	11	12	1	2	3														S	MTWTFSS
6.130	48.94	Habana	COCD						6 $\frac{1}{2}$		10	11	12	1	2	3														S	MTWTFSS









BROADCAST SCHEDULE—EASTERN STANDARD TIME

Mess.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	Days		
11.718	25.60	L. Marques, P. E. A.	CR7BH	5	6	7	8	9	10	10	10	11	12	1	2	3													S	MTWTFSS	
11.720	25.60	Winnipeg	CJRX	4 $\frac{1}{2}$	5	6	7	8	9	9 $\frac{1}{2}$	10	11	12	1	2	3													S	MTWTFSS	
11.730	25.58	Boston, Mass	W1XAL																											S	MTWTFSS
11.740	25.55	Habana, Cuba	CO-CX																											S	MTWTFSS
11.750	25.53	London	G S D	3 $\frac{1}{2}$	4	5	6	7	8	8	9	10	11	12	1	2														S	MTWTFSS
11.770	25.49	Berlin	D J D							9	10 $\frac{1}{2}$	11	12	1	2															S	MTWTFSS
11.780	25.47	Panama City	HP-5C								4 $\frac{1}{2}$	5	6	7	8	9	10	11	12											S	MTWTFSS
11.800	25.43	Berlin, Germany	D J O																											S	MTWTFSS
11.800	25.42	Tokio, Japan	J Z J							7.7 $\frac{1}{2}$	8	9	10	11	12	1	2													S	MTWTFSS
11.800	25.42	Matanzas, Cuba	CO-GF							8	8.9 $\frac{1}{2}$	9	10	11	12	1	2													S	MTWTFSS
11.801	25.42	Vienna, Austria	OER-3							9	9	10	11	12	1	2														S	MTWTFSS
11.810	25.40	Rome*	I2RO4							5	5	6	7	8	9	10	11	12												S	MTWTFSS
11.820	25.38	Hermosillo, Sonora	XE-BR							4	4	5	6	7	8	9	10	11	12											S	MTWTFSS
11.830	25.36	New York	W2 XE																											S	MTWTFSS
11.840	25.34	Prague, Czechoslovakia	OLR4A																											S	MTWTFSS
11.870	25.27	Pittsburgh	WB-XK																											S	MTWTFSS
11.885	25.24	Paris, France	TPB-7																											S	MTWTFSS
11.885	25.24	Paris	TPA-3																											S	MTWTFSS
11.900	25.21	Mexico City	XE-W1							4	4	5	6	7	8	9	10	11	12											S	MTWTFSS
11.900	25.21	Valdivia, Chile	CD-1190																											S	MTWTFSS
11.960	25.08	Trujillo City, D. R.	HI-2X																											S	MTWTFSS
12.005	25.00	Moscow	R N E																											S	MTWTFSS
12.235	24.52	Reykjavik	T F J																											S	MTWTFSS
13.635	22.00	Warsaw	S P W																											S	MTWTFSS
14.535	20.64	Geneva, Switzerland	HB J																											S	MTWTFSS
15.110	19.85	Berlin	D J L																											S	MTWTFSS
15.121	19.84	Vatican City	V V J																											S	MTWTFSS
15.130	19.28	Paris	TPB-6																											S	MTWTFSS
15.140	19.82	London	G S F	3 $\frac{1}{2}$	4	5	6	7	8	8	9	10	11	12	1	2														S	MTWTFSS



## ROLLING OFF A LOG

There is pleasure in logging new stations for it is not unlike a game. The pleasure is intensified—it is more exciting and alluring—if a score be kept for the spirit of contest then enters into the game. With this thought in mind, the QRC devised a plan which embraces all the enjoyable features of a contest, inclusive of prizes, but is distinctly not a contest for it is devoid of chance. You are absolutely certain of winning your prize, and as many of them as you may care to win. There are no losers. Using QRC forms, obtainable at 90 for 9 cents, post-paid, the object is to log 30 different shortwave *broadcast* stations, 10 times each—a total of 300 reports. This entitles you to a prize valued not in excess of 75 cents, such as a National Geographic Society map, on linen, or, for instance, you may add 50 cents and receive an Amateur Call Book. For each additional 30 stations logged ten times, you may select an additional prize.

You may tune at your pleasure, there being no appointed time, but at least an hour should elapse before again logging the same station. Reports should be on shortwave *broadcast* stations only; not point-to-point relays, telephone circuits, special services nor amateurs. By "broadcast" is meant entertainment for reception by the general public. A musical selection or an advertised product, by name, is a sufficient log. Unless in the station's own language, a longer log is not desirable. Reports may be sent the QRC monthly or oftener, at your convenience, each accompanied by a half cent, of which a quarter cent applies toward the prize to be selected by you upon completing 30 stations, ten times each, and the remainder is for forwarding postage. Reports are forwarded by the QRC to the respective stations upon assembly from all sources of a mailing unit. If the postal rate is 3 cents, 15 reports for the same address constitute a mailing unit, or if 5 cents, 25 reports. This is the Connoisseur Plan—a privilege reserved for the exclusive enjoyment of QRC members.

In behalf of those Members who evidence their intention of earning prizes under the Connoisseur Plan, the verification of any Connoisseur Report (Star Stations excepted) will be requested by the QRC upon deposit of 6c additional, Star Veries being 11c. You have no letter of request to write. Just mark with a "V" in the left margin the reports you desire verified, list them with your remittance, and the QRC will do the rest. Star Stations are those that guarantee to verify. They are sent QRC Vouchers at 11c each. Others are offered a copy of the REPORTER in lieu of reply postage. If no veri is received, no REPORTER is sent, 5c of the deposit being refunded. Star Veries are guaranteed by the stations, while other than Star Veries enjoy the QRC money-back guarantee!



10 CENTS

1938

MARCH

# SHORT WAVE REPORTER



BROADCAST SCHEDULES  
OFFICIAL IDENTIFICATION AIDS  
NEW STATIONS AND STATION NEWS



## VERI ASSURANCE

To save listeners from loss or disappointment, the QRC has obtained of the stations listed below, absolute assurance that all correct reports, accompanied by a dime (instead of a reply coupon) and submitted via the QRC by listeners in the United States and Canada, will be instantly verified. The pro-rata expense to the QRC in the handling of such requests is estimated at 3 cents each.

4.841 HJ3ABD Bogota, Colombia	Roberto Ramirez, Gerente
5.755 YV2RA San Cristobal, Ven.	Jesus M. Diaz G., Propietario
5.850 YV1RB Maracaibo, Ven.	Juan Suarez C., Manager
5.875 H R N Tegucigalpa, Hond.	Rafael Ferrari, Manager
5.885 HI-9B Santiago, D. R.	J. L. Sanchez, Jr., Director
6.010 PRA8 Recife, Brazil	O. Moreira Pinto, Dir. Supt.
6.015 HI-3U Santiago, Rep. Dom.	Moises Franco Franco, Director
6.015 HJ3ABX Bogota, Colombia	C. Rios Hoyos, Gerente
6.030 XE-BQ Mazatlan, Mexico	Alejandro A. Schober, Gerente
6.075 XECU Guadalajara, Mex.	Manuel Mayo B., Manager.
6.085 HJ5ABD Cali, Colombia	Jorge E. Rivas, Gerente
6.150 HI-5N Moca, Rep. Dom.	J. B. Curiel, Propietario
6.206 HI-8Q Trujillo City, D. R.	Julio O. Garcia Alardo, Owner
6.243 H I N Trujillo City, D. R.	Ernesto Soler, Director
6.280 H I G Ciudad Trujillo, D. R.	G. Saladin, Manager
6.360 YV1RH Maracaibo, Ven.	G. Nouel, Director Tecnico
6.545 YV6RB Bolivar City, Ven.	E. Torres Valencia, Owner
6.610 YN-LG Managua, Nica.	Benjamin J. Guerra L., Manager
6.630 H I T Ciudad Trujillo, D. R.	F. A. Sanabria, Manager
6.668 HC2RL Guayaquil, Ecuador	Dr. Roberto Levi, Manager
6.800 HI-7P Trujillo City, D. R.	Jose M. Roques Roman, Owner
9.300 H I G Ciudad Trujillo, D. R.	G. Saladir, Manager
9.300 YN-GU Managua, Nica	Miss Matilde Haydee Diaz, Dir
9.330 OAX4J Lima, Peru	Antonio Vazquez P., Gerente
9.500 H J U Buenaventura, Col.	Alberto Pinzon Nelra, Gerente
9.520 HJ6ABH Armenia, Col.	German Hoyos G., Manager
9.520 XE-DQ Guadalajara, Mex.	Mario E. Bozzano, Manager
9.550 XE-FT Veracruz, Mexico	Jose Rodriguez Lopez, Gerente
9.630 HJ7ABD Bucaramanga, Col.	V. R. Cadena R., Manager
11.700 CB-1170 Santiago, Chile	Jose F. Azcona, Gerente
11.700 HP5A Panama City	Bernardo Becker W., Manager
15.440 XE-BM Mazatlan, Mexico	A. Villegas Arango, Manager

No letter of request need be written. Just send your report with a dime and 3 cents to the QRC and the QRC will convey your report to the station with the request that it be verified. In due course you will unfailingly receive your verification, issued and mailed by the station direct to you.

# Short Wave Reporter



## HEAR DELHI!

With the recent inauguration of the new Delhi transmitter heard evenings in the East at 9.59 on the radio dial, many listeners have experienced their first opportunity to log entertainment broadcasts originating in India. Programs open at 9:30 p. m. EST nightly with the tinkling of bells and the striking of the hour of eight (in the morning of the approaching day at Delhi) followed by more than an hour of oriental music. As daylight increases at the point of origin, this radio frequency weakens. If the station has not faded out entirely by 10:40 p. m., announcements in English introducing a news period may be heard.

To the immense good fortune of American listeners, this station whose call appears to be VUD and announced wavelength 31.33 meters (9,575 kc), is heard instead between stations GSC 9.58 and HP5J 9.60 on the dial, opening with excellent strength and gradually tapering off as the hour advances. Should those in charge of this broadcast desire their program to be well received in America, there is every indication that this would be accomplished by opening their broadcast an hour and a half earlier, saving Wednesdays EST when interference from PCJ Hilversum, Holland, would occur.

Of their evening transmission (morning at Delhi) listeners on the Pacific Coast can expect to hear little more than a tremulous carrier with weak modulation as it then reaches us via the longer way round, the difference in time between IST and PST in this direction being  $13\frac{1}{2}$  hours. It is hoped that the tests of VUB Bombay 9,565 kc, scheduled for March, may soon be heard in the West with anticipated peak reception at about one hour after sunrise. The path of darkness essential to distant reception on this frequency will then lie the "shorter way" round, affording the Pacific Coast morning reception on a par with evening reception in eastern United States.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by Quixote Radio Club, Box 772, Santa Barbara, California.  
10 Cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1938 by E. J. Shields, Chats.  
Advertising accepted of reputable firms only. Rates on application.

**REGIONAL TUNING GUIDE**

Believing that new SW Listeners may be benefited by a regional tuning guide, Members are invited—and all subscribers to the REPORTER are *ipso facto* members of the QRC—to report not more than 30 of the strongest foreign stations nor more than one per country regularly heard (not rarely) in their locality, together with the time of peak reception and the place on the receiver dial. Let us repeat, only those stations are desired that anyone in your locality ought surely to hear if tuned for at the time and place you indicate. The QRC will then endeavor to consolidate reports from each area and prepare a Tuners' Consensus for each of the major regions, either PST, CST and EST, or Pacific, Atlantic, Lake and Gulf, since conditions differ in each. As an example, listed below are some of the stations Pacific Coast listeners ought surely

to hear if tuned for at the time and place indicated; not fifteen minutes later for some then leave the air. A simple report, giving the time of peak reception of the strongest stations regularly heard in your locality is requested.

<b>AM PST Location</b>	<b>Dial</b>
5:45 Manila .....	9.57
6:00 Bandoeng .....	6.72
6:30 Hong Kong .....	9.52
7:00 Prague .....	9.55
7:30 Vatican City .....	15.12
<b>PM PST Location</b>	<b>Dial</b>
6:00 Buenos Aires .....	9.66
6:15 London .....	9.59
6:45 Bucaramanga .....	9.63
7:00 Santiago de Chile.....	11.70
7:15 Guatemala City .....	11.76
7:30 Panama City .....	9.60
7:45 Habana .....	9.74
8:00 Mexico City .....	9.50
8:45 Johannesburg .....	9.52
9:30 Tokio .....	11.80
10:00 Berlin .....	9.54

**BRITISH WEST INDIES**

Mr. R. D. Stewart, Manager of Station VP2LO of St. Kitts, courteously advises that his station is conducting test transmissions daily from 4 till 4:45 p. m. EST and also at 10 a. m. Sundays usually at 6.380 mc but occasionally 12.760. Maximum power of 500 watts is not at present being used, but generally 100 watts with never less than 80. Reports will be verified. P. O. Box 88, St. Kitts, B. W. I.

**COLOMBIA**

Test broadcasts have been reported evenings by station HJ4ABU "La Voz de la Universidad de Antioquia" at Medellin, Department of Antioquia, on a frequency of 8,650 kc. Listeners may log this station just below COJK Camaguey 8,665 kc in frequency. This new station is not to be confused with the former HJ4ABU of Pereira whose call is now HJ6ABA and frequency 6,054 kc.

VP2LO St. Kitts (Basseterre) B. W. I., 500 w 6.380 & 12.760 (o) "Rule Britannia." (s) "God Save the King." Announcements in English by a man, occasionally by a woman. R. D. Stewart, Manager. Caribbean Broadcasting Service (Subsidiary of ICA Radio Sales & Service) Owners. Studios: West Square Street. P. O. Box 88.

**COLOMBIA**

Director Mario M. Barrios of Radio Station HJ6ABC "Ecos del Combeima" at Ibague, Tolima Department, kindly informs the QRC that, owing to a change in frequency, his station remained silent for an extended period, but beginning January 15, 1938, they will operate continuously on 4,740 kc with 1 kw power.

**ECUADOR**

Station HC1ETC of Quito is reported to have announced a schedule of 8 till 10 p. m. EST Saturdays on a frequency of 9,350 kc, although remaining on the air occasionally until 11 p. m.

Another new station is HC1GQ "La Voz del Diablo" Quito on 9,173 kc Mondays, Wednesdays and Saturdays from 9 till 10:30 p. m. EST with address: Casilla 159. The slogan and address might be in error, but all correspondence should be addressed to Sr. Cuillermo Garcia Sanchez. Principally railway advertisements occur between musical se-

lections, the program opening and closing with the Beautiful Blue Danube waltz. Listeners are requested to pardon interruptions to permit of mechanical adjustments during these experimental programs. Apparently the crystal used has a fundamental frequency of 4,586.5 kc and was occasionally heard on the fundamental due to ineffective doubling.

Just below station YSD of San Salvador in frequency another Quito station, either HC1RB or D, has been reported on 7,872 kc nightly from 9 till 11 p. m. EST. Signal strength on the Pacific Coast has not been sufficient to permit of intelligible reception. Announced frequency is said to be 7,864 kc.

**COSTA RICA**

Sr. Luis F. Castro B., Owner & Operator of Amateur Radio Station "Daisy," using 150 watts on the 40 meter band, courteously advises the QRC that, beginning February 1, he will broadcast nightly from 6 till 11 p. m. CST. Address: P. O. Box 1180, San Jose.

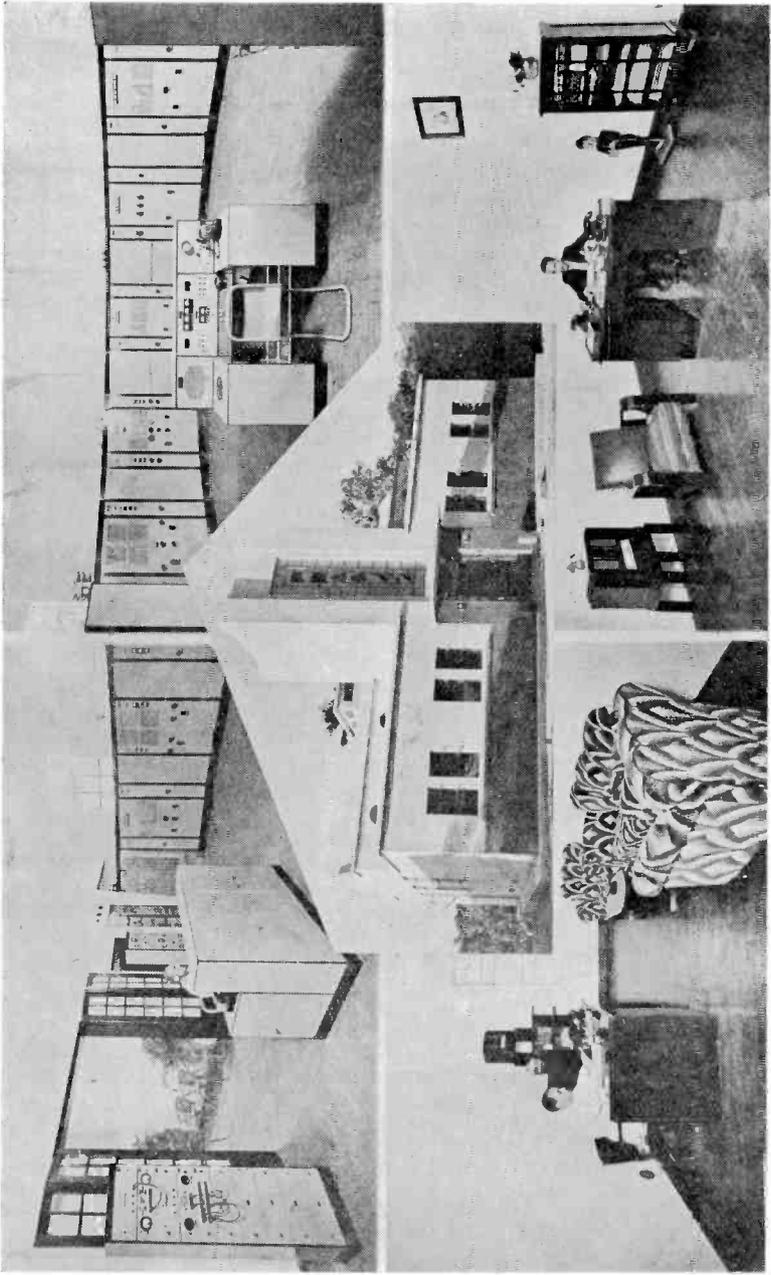
HJ4ABE "La Voz de Antioquia," Medellin, Dept. of Antioquia (ex HKO) 1.5 kw 6.145 (s) "Rose Marie," organ. (i) 4 chimes. Gustavo Lopez S. and Mario Jaramillo D., Announcers. Luis Ramos H. Director. Carlos Escobar P., Manager. Compania Colombiana de Radiodifusion, S. A., Owner. Studios & Offices: Carrera Junin No. 52-78.

6.145 HJ4ABE 93-----2 4-----11 SMTWTFS

HJ6ABC "Ecos del Combeima," Ibague, Tolima Dpt., 1 kw 4.740 (s) "Guabina tolimense." (i) Marimba notes. Announcers various. Mario M. Barrios, Director. Eliecer Quijano, Manager. Lamus & Rivera, Owners. Studios: Calle 9a., 1-18, Departmental Conservatory of Music Building. Apartado 39.

XECU "Estacion del Viajero del Mundo" (The World Traveler), Guadalajara, Jalisco, 250 w 6.075 (o) "Humoresque," organ solo. (i) Two-tone train whistle. (s) "Adios Mariquita Linda." S. Barba, H. Isaac, and M. Bricio, Announcers. The World Traveler, Director. Manuel Mayo B., Manager. Union Nacional de Industria y Comercio, Owner. Studios: Edificio CXCU, Calle Hidalgo 579. (Veries via QRC.)

6.075 XECU 9-----11 SMTWTFS



**BRAZIL**

Mr. Oscar Moreira Pinto, Director-Superintendent of Radio Club de Pernambuco, Inc., Owners & Operators of Radio Station PRA-8 at Recife (Pernambuco) has had the kindness to inform the QRC with respect to many interesting details of their service. Were it not for the fact that considerable interference is present upon their short-wave channel, we should make this station the subject of our "Hear" page. It so happens that good reception of this station is possible only on those rare occasions when other stations normally operating on 6,010 kcs are silent.

The transmitters were built by Radio Cinephon Brasileira, Inc., and operate simultaneously on 720 and 6,010 kcs, with 25 kw and 5 kw power in the antenna respectively. At midday (Central Brazilian Time, 2 hours ahead of EST) and 7 p. m. the correct National meridian time is indicated by chimes. At 11:45 a. m. and 6:45 p. m. CBT a news broadcast is introduced by sound effects related with the making of news, such as a siren, airplane, train, steamship, telegraph, telephone, typewriter, etc. And on certain days from 4 till 5 p. m. this station rebroadcasts a program specially dedicated to the Radio Club de Pernambuco by the Berlin short-

wave station. At 11 p. m. CBT transmissions close with the Brazilian National Anthem.

In point of distance, Recife is farther from the Pacific Coast of the U. S. than is Europe from New York. Logging this station is therefore an enviable achievement. New QSL cards, attractive in design, have been printed and listeners are assured that all correct reports submitted via the QRC with a dime and 3 cents postage will be instantly verified. It is therefore our pleasure to list PRA8 as another "dime veri" station extending listeners this courtesy.

Views of Station PRA-8 will be seen on the page opposite. In the center is seen the facade of the transmitter building. Of the interior views, the lower left is the office of the Director-Superintendent; the lower right, the Art Director; upper left, the First Operator; and upper right, a second view of the control room. The names of the parties mentioned will be found in the footnote on Station PRA-8.

**GERMANY**

It is noted Zeesen will employ a hitherto unused frequency this month, namely, DJS 21.440 mc. Listeners whose receivers may be tuned to this higher frequency may like to try logging this station mornings.

PRA-8 "A Voz do Norte," Recife 5 kw 6.010 & 25 kw 720 kc (s) "Hymno Nacional Brasileiro." Time signal at noon and 7 p. m. Central Brazilian Time, 2 hours ahead of EST. News at 9:45 a. m. and 4:45 p. m. EST, introduced by sound effects. Nelson Ferreira, Art Director. Otto Sihler, First Operator. Oscar Moreira Pinto, Director-Superintendent. Radio Club de Pernambuco, S. A., Owners. Plant: Estrada do Arraial 3014. Studios & Offices: Av. Cruz Cabuga 394. (Veries via QRC.)

6.010 PRA8

9-----12 1---3 4-----9

SMTWTFS

**CANARY ISLANDS**

A verification received by a QRC member from amateur station EA8AK Santa Cruz de la Palma, Canary Islands, may clear up at least part of the confusion in the minds of listeners who have heard what appeared to be the same station at more than one point on the dial. Alfonso Jurado, the operator, gives the following schedule for EA8AK: 3 p. m. EST on 20 meters—Rebroadcast of EAJ43. 5 p. m. Rebroadcast from Sevilla of talk by Gen. Queipo de Llano. 5:45 p. m. Rebroadcast of Radio Nacional de Espana. At different hours, CQ (general call) on 40 m. and at times on 20 m. The 40 meter frequency is near 7,120 kc while the 20 meter frequency is probably double that. or 14,240 kc.

**CUBA**

Dr. Rodolfo Garcia Navarro, Director of Radio Station COCM of Habana, operating on an assigned frequency of 9,833 kc with 1 kw power, has had the kindness to inform the QRC that, although still

appearing on their existing supply of stationery and verification cards, the use of the slogan "Trans Radio Columbia" has been discontinued by his station. The verification cards of this station bear interesting photographic views of San Cristobal de la Habana, Cuba's capital city. Special mention is made of COCM's newspaper of the air, "La Opinion," directed by Messrs. Roger de Lauria and Manuel Acebal, and featuring the most important local and foreign news items of the day beginning at 8 a. m. EST.

**SPAIN**

Although listeners report the announcer of Radio Nacional de Espana at Salamanca admitted the short wave relays heard in America were re-broadcast by EAJ-43 of Santa Cruz de Tenerife, Canary Islands, 10,370 kc, verification cards issued at Salamanca do not reveal such an arrangement. Aside from the operating schedule, the frequencies are stated as 1,258 and 10,370 kcs. Broadcasts conclude with the Grenadier March.

CO-CM Habana (Vedado) 1 kw 9.833 relays CMCM 1 kw 850 kc (s) "Uno B C" March. Agueros & Fuentevilla, Announcers. Dr. Rodolfo Garcia Navarro, Director. Captain Carlos Ponce, M. M., Manager. Studios: Calle 23, No. 1216, Vedado. Apartado 33.

CO-CX Habana (Carretera de Guanabacoa) 1 kw 11.450 relays CMX "Cigarros y Tabacos La Corona y la Pasta Gravi" 920 kc (s) "Good Night, My Love," and "Pajarillo Barranqueno." Mario Viera, Juan Dominguez and Ramon Menendez, Announcers. Gilberto Lavin, Manager. Francisco Lavin, Owner and Director. Studios: Av. Simon Bolivar 76, altos (antes Reina). Apartado 32.

8 ..... 1 MTWTF5  
8 ..... 12 S

CO-KG "Emisoras Grau," Santiago de Cuba (Loma de Quintero) 2.4 kw 9.835 relays CMKG 1.2 kw 1,160 kc (s) "La Conq̃a." (i) Gong thrice. Juanito Tremble and Mrs. Marilu, Announcers. Manuel Grau Medina, Technician. Emilio Grau Medina, Manager. Grau Brothers, Owners. Studios: Sagarra alta, 26. Apartado 137.

**SOUTH AFRICA**

Additional items of interest regarding the Johannesburg relays have been supplied by Mr. B. J. Stevens of the Engineering Division of the South African Broadcasting Corporation, in a letter dated December 30, 1937: "We must thank you very much for your letter of the 3rd ultimo, enclosing reception reports of our transmission from members of the QRC. Please find enclosed the requested verification cards, and also a copy of the schedule of operation of our stations. Since the date of your letter, a new short wave station ZRH has commenced service. ZRH, of 5 kw aerial power, is situated at Roberts Heights, near Pretoria, the latter being the Capital City of South Africa. The station identified by your club members is ZRK, situated at Klipheuvcl, 36 miles north of Capetown. It has a power of 5 kw and normally broadcasts a "B" programme from the Capetown studios. In common with all our stations, however, it relays the physical exercise session from the Johannesburg studios over 1000 miles of land line. May we compliment the QRC on your method of organizing reception reports? Trusting that you will continue to enjoy good reception."

Pacific Coast listeners should find morning reception of ZRK 9,606 kc improves with the approach of summer with peak reception the first hour after sunrise. At this period programs of a higher order of entertainment are in progress.

**SWITZERLAND**

Mr. C. H. Calame, Chief of the Wireless Service, Radio-Suisse S. A., kindly advises the QRC of changes in the Swiss Broadcast, effective January 24. This program, dedicated to Swiss nationals resident abroad, will now be heard Mondays from 6:45 p. m. EST until about 8 p. m. EST simultaneously over HBL and HBP, 9.34 and 7.79 mcs respectively. While these frequencies should favor reception in eastern U. S. at this hour, they are too low for western reception before sundown.

**ITALY**

Rome is reported testing irregularly with transmitters 2RO5 15.300 kc, 2RO6 17.820 kc, and IQY on approximately 11,900 kc. Evidently an effort is being made to find a clear channel, reception of the South American broadcast on 2RO3 9,635 kc being rather effectively blocked by CXA8 of Montevideo 9,640 on the one side, and HJ7ABD Bucaramanga 9,630 on the other.

OLR "The Czechoslovak Short Wave Station," Prague (Podebrady) 24.34 kw (i) Melody from Dvorak's New World Symphony on hunter's horn. (s) Bells from St. Vitus Cathedral at Praha (recording). Announcers: Leslie Hill, English; J. Durdil Richard, Czech; J. Horvath, Slovak. Ing. Svoboda, Director. Bohuslav Tvrdy, Manager. Equipment government owned under direction of Ministry of Posts & Telegraphs. Radio-journal (Czechoslovak Broadcasting Corp.) Concessionaire, Operators. Studios & Offices: Praha XII, Fochova 16.

6.010 OLR2A	9.504 OLR3B	11.840 OLR4A	15.160 OLR5C
6.030 OLR2B	9.550 OLR3A	11.875 OLR4C	15.230 OLR5A
6.115 OLR2C	11.760 OLR4B	11.900 OLR4D	15.320 OLR5B
			21.450 OLR6A

**GUATEMALA**

The QRC is indebted to the courtesy of Sr. Julio Meza Caballeros, Director General of Electrical Communications of the Republic of Guatemala for descriptive details of the new shortwave broadcaster at Quezaltenangó City, Guatemala's second city in size, with population in excess of 50,000 inhabitants. Surrounded by volcanos, the City enjoys a very cool climate. Particulars of the station are given below.

**U. S. A.**

General Electric announces that the two new frequencies of W2XAD Schenectady (21,500 and 9,550 kcs) will be devoted to South American service, with programs in Portuguese for Brazil, while its present 15,330 kcs frequency will continue serving Europe. In parallel, W2XAF 9,530 kcs will continue serving the balance of Latin America in Spanish.

Wish to compliment the QRC on featuring the reception of certain stations on the first page of each issue of the REPORTER. You know, there is more joy in heaven for each station actually tuned in than for all the others you did not get because not specifically called to your attention. Then again, even if already logged, these articles nearly always supply an interesting item of information you may have missed.—QRC 79, O. Ingmar Oleson, N. D.

One thing is very evident—the REPORTER is improving very rapidly. No other magazine has the information so up-to-the-minute, nor the general atmosphere of the publication so cheery and friendly as the S. W. R. I am not yet back to my before-breakfast vigil, but as the dawn gradually creeps back so do I get up earlier in order to enjoy the excellent Asiatic reception afforded during the first hour after sunrise. My favorite time for DX in the late spring and summer is in the early morning, from 5 till 8, with the first rays of sunlight shining through the trees, and all the neighborhood still asleep. At this time the bands are very much alive, and I am hoping that this spring's DX will include VUB, on their new 10 kw transmitter.—QRC 571, Robert B. Park, B. C.

Baker Young of Parma, Idaho, who is a member of the QRC, told me about it and suggested that I write for information, so here's my request. Am an SWL and owner of PR-10 receiver with 60 ft. doublet antenna.—Ward S. Atherton, Calif.

The REPORTER is one of the best radio magazines ever put out and has a great deal of station data that others have not. It has more good things than I can relate. Receiver here is Philco-610.—QRC 1110. Robert McMannamy, Calif.

TGQA "La Voz de Quezaltenango," Ciudad de Quezaltenango 200 w 6.400 relays TGQ 1,450 kc (o) "Xelaju," Waltz. (i) Chimes. Alfonso Saenz Aguilar, Announcer. C. H. W. Nason, Technician. Government Station owned and operated by the Direccion General de Comunicaciones Electricas with offices at Guatemala City. Julio Meza Caballeros, Director General.

6.400 TGQA

1---3

9-----1  
9-----11

S

S  
MTWTFSS

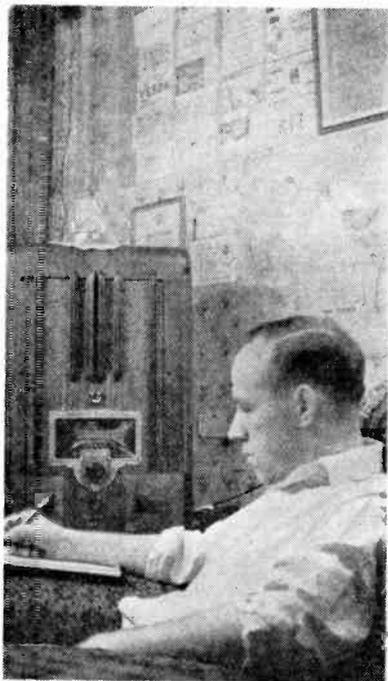
### BOOSTS

Herewith subscriptions for three of my friends to the REPORTER—the best in the world. Am enclosing a foto of myself with my Scott Philharmonic 30, autographed for the QRC. Could you tell me the identity of the very strong code station that occasionally interferes with the American Hour from Rome on 9,635 mc?—QRC. 716, Nicola Cannata, Ill.

Have been a member of the QRC only since January of this year and want to say that the REPORTER has been a lot of help to me in locating and bringing in many far away stations. I have purchased and subscribed to many short wave magazines but the REPORTER tops them all. I have two receivers, a 1937 10 tube Zenith and the 30 tube Scott Philharmonic. Needless to say that my favorite is the Philharmonic and this is the receiver I use exclusively, the rest of the family using the Zenith.—Chas. A. Marion, QRC 1208, La.

Keep up the fine work on the REPORTER. Would be very glad if you'd include my name among those desiring pen pals *outside* the United States.—QRC 730, Enrico Scala, Jr., 3310 Bainbridge Av., Bronx, N. Y.

An addition to the family in the form of a 10 lb. 2 oz. baby boy caused my correspondence to be neglected. Am now catching up. For the past three months radio reception has been unusual. On the BCB I am hearing stations I had never dreamed of logging.—Carroll H. Weyrich, QRC 545, Md.



Clyde A. Ritter, QRC 416 of Bloomsburg, Pa., uses an RCA-Victor 7-T1-7 receiver.

I received a sample copy of the REPORTER when I unpacked my new Scott Sixteen at Christmas time, and I liked it very much. Enclosed find \$1.—QRC 1286, L. Walter Halleck, N. J.

Have received two copies of the REPORTER and find it a very nifty magazine. Station information as listed by countries is very helpful. Our Garden seems a fine place where each may add a bit of sunshine. My specialty is police stations and have logged about 400 in three years.—QRC 1265 Dan T. Wallen, Colo.

## OUR GARDEN

## VERIES

I am enclosing a dollar bill to cover subscription to S. W. R. for one year beginning with March issue. I have a copy of February number and I might say it is a very complete magazine for the short wave fiend. I, too, wish some S. A. stations might be induced to announce in English at least once during the course of each broadcast. Certainly one appreciates the program more if he knows the station's identity. I own a Philco 9 tube No. 37.10. Seems to be quite good on short-wave. Have logged and verified 13 countries so far, and have been DX'ing less than six months only. Quite successful in obtaining "veries" so far although some were rather slow, but I certainly like the QRC plan and am looking forward to sending more reports on the dime veri stations listed. Hope more are added. No reason why the QRC plan shouldn't help everybody concerned. If you so desire, you have my permission to print any portion or all of this letter. Much success to the QRC.—Chas. M. Robinson, QRC 1324, Iowa.

Although I am no longer what one would call an active DX'er, I still enjoy tuning the short waves occasionally and also reading about catches others get. I have over 100 veries representing 43 countries and am waiting for a veri of several of my reports to South Africa so that I will have all continents verified. I also enjoy exchanging SWL cards and photos with radio fans living in

remote and unusual corners of the earth, but I am swamped with cards from the U. S. A., Canada, England, France, New Zealand and Australia! I have a large photo album in which I keep interesting radio cards and photos from all parts of the world and would especially like a card from Egypt.—Miss Eileen Hofmaster, QRC 671, 614 West Monroe St., Sandusky, Ohio.

Am trying to get some subscribers for the QRC because it is a good magazine. I find some things in it that I do not find in other magazines.—QRC 1006, J. S. Pugh, M. D., Texas.

I just got one of the new Sky Challenger II 9 tube receivers. It surely is a swell set. I used to have a Sky Chief.—Ray Gallagher, QRC 837, Calif.

I have a new Super Skyrider SX 17. It's the best I've had yet with respect to selectivity and background noise.—C. Scranton, QRC 538, Ct.

I am the owner of a modest O.V.2 Battery Short Wave Receiver, tuning from 13 metres to 55 metres, used with Outdoor Inverted "L" Antenna; and found the REPORTER very interesting and a mine of useful information.—S. Pearce, QRC 1248, England.

Shall certainly be awaiting word about the Patterson. I rather look upon the QRC as a source of information on receivers where one may turn when in doubt.—QRC 359, Anthony C. Tarr, Wash.

## MEMBERSHIP CAMPAIGN

<b>QRC</b>	<b>Introducing Member</b>	<b>Members Introduced</b>
56	Edwin Hatch:	Stanley Kirk.
84	R. B. Hammes:	Dr. Reginald E. Biber.
140	Ray La Rocque:	C. D. Jennison, Curtiss Keirstead, Robert Skyten, Victor Nixon, Jack Holterman, A. Wendell Field.
218	Merton T. Meade:	J. Russell Graham.
252	Walter L. Chambers:	Lorenzo Maletta, George C. Wright.
326	Robt. R. Irwin:	Dick Cahill.
359	Anthony C. Tarr:	Harry Honda.
392	R. B. Oxrieder:	E. Clement Jarvis.
394	Dr. R. C. Kash:	H. M. Weatherly.
428	Mark L. Rowley:	Emerson V. Smith, Lloyd Young.
430	McKee H. Gifford:	W. Coffey, Edgar Hayden.
438	John G. Meyer:	Keller.
502	George E. LeCount:	F. I. Manvel, Arthur Palme.
503	Edward O. Acker:	Harvey Ransom, Walter Acker.
507	Harry N. Fox:	R. E. Hein, Louis G. Fabian.
543	David L. Sutherland:	James B. Sutherland, Herbert W. Fraser, Ward F. Tucker.
545	Carroll H. Weyrich:	Bernard L. Ahman, Jr.
571	Robert B. Park:	Edgar Grossman, Thomas Douglas.
572	Fred Atherton:	Milford K. Smith, Eddie Davenport.
576	Edwin E. Mullen:	P. W. McCord, N. M. McDonald.
600	Dr. Glenn Winslow:	Fred C. Woody, Dr. Geo. B. Thompson.
629	Geo. F. Yursik:	J. R. Deitelhauser, Harry Cox.
716	Nicola Cannata:	Emilio Grandinetti, Emilio Amidei, Alphonse Baronti.
738	Chas. C. Norton:	Dan T. Wallen, Clinton E. Covey, R. N. Travers, D. A. Collier, Edward Ayvazian, Yamasa Togo.
803	Stanley B. La Rue:	Kenneth Knutson, Theodore Domby.
841	Edward "Tex" Andrews:	S. White.
863	Douglas Worcester:	James P. Pinkerton.
1140	Richard Spiralke:	Frank Herrick, Ted Olenski, Jack Kovitz.
1193	Virgil H. Hewes:	R. E. Cleverly.
1278	Anthony Masciotra:	E. F. Charland, Harold R. Kalish.
1306	Kermit Geary:	Harry Diebert.

HC2ET "Aqui Guayaquil," Guayaquil 500 w 4.600 (s) "Patria," pasodoble by orchestra. (i) 12 chimes. J. Santiago Castillo, Manager. Co. An. EL TELEGRAFO (Daily Newspaper) Owner. Studios: Av. Diez de Agosto, 601-9. Casilla 824. 8---10 M WT S

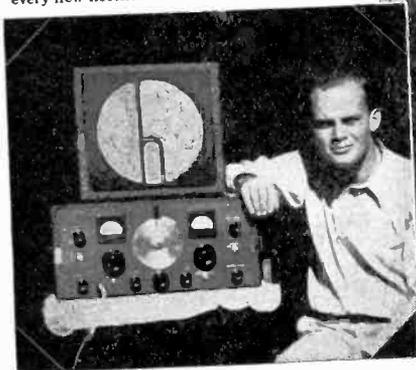
TI-2LC Radio "Daisy," San Jose 150 w "40 meters" (i) Each half hour. Luis F. Castro B., Owner & Operator. Studios: C. 3 avs. 16/18. P. O. Box 1180. 7-----12 SMTWTFSS

## CLUB STATIONERY

Hammermill Bond letter-paper for Members, 50 sheets, 31c.

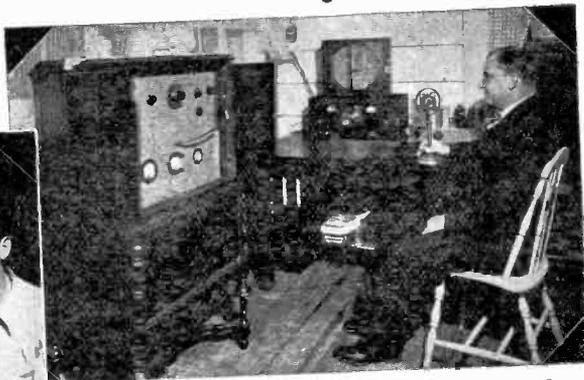
# Here's another page from the hallicrafters scrapbook

**ENRIQUE HIDALGO**—Cieuegos, Cuba—  
Winner of second prize in the All-Wave  
B. C. DX contest with his new Super Sky-  
rider. He says: "The receiver has created  
a sensation here where it has astonished  
every new listener."

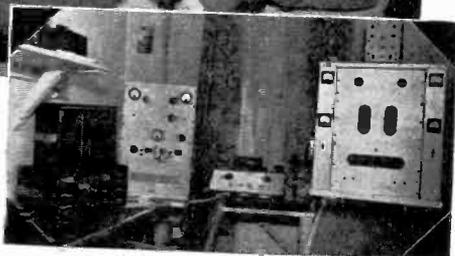


**W1NTG**—**BEATRICE HOLMAN**, Belmont,  
Mass.: "The more I operate the Super Sky-  
rider, the better I like it and I am only too  
glad to add my word of praise. Am on 10  
meters at present and have heard plenty of  
DX this morning that I never copied before."

**W2AMJ**—**FRANK LESTER**, Bergenfield,  
N. J., at the controls of his 1938 Super  
Skyrider.



**W3DTY**—**W. W. KELLUM**, Washington, D. C., says: "I  
selected the Super Skyrider because it is one of the best  
receivers on the market today including price and per-  
formance. In a little over a month, I have worked more DX  
than ever before and have had good receivers in the shack."



The New 1938 Super Skyrider in-  
stalled in the rig of **W2AU, MR.  
PAUL WANDELL**, Bayonne, N. J.

**T**HE very fact that Hallicrafters Receivers  
figure so prominently in leading amateur  
and scientific stations is in itself a testimonial  
to the merits of these outstanding receivers.

## the hallicrafters inc.

2611 Indiana Avenue, Chicago, U. S. A. • Cable Address "Hallicraft" Chicago

WORLD'S LARGEST BUILDERS OF AMATEUR COMMUNICATIONS RECEIVERS

**SWL CARDS**

I'd like to exchange SWL cards with other members and chew the rag with owners of Eilen BS-5's which, by the way, is my favorite receiver. As editor of the monthly Bulletin, I speak for the Ultra High Frequency Club of Sheboygan Falls Wisconsin, in expressing our hearty approval of the QRC with its excellent monthly magazine as an organization wholeheartedly devoted to the interests of the short wave listener. We will be more than glad to cooperate with the QRC in any and all matters, and fully to inform anyone about the U. H. F. C. upon request.—Edward Dornbush, QRC 1156, 618 Jefferson St., Sheboygan Falls, Wisc.

I know that I am going to enjoy the REPORTER. My receiver is a Hallicrafters Sky Buddy.—QRC 1291, Eddie Davenport, Vt.

The REPORTER is fine and contains a great deal of "difficult-to-get" information. I notice you reproduce pictures and I wonder if you have any objections to my sending in a picture of mine. I have several good ones of the "shack" and of the XYL and the Junior Operator. I would like to state (for publication) that I will swap pictures with any one in any part of the world. I would also like to correspond with other SWL's in far away countries. I'll endeavor to line up some new members as I have several friends who would probably be very interested in the way the QRC operates.—QRC 1258, Curtis F. Keirstead, 28 Linden St., Framingham, Mass.



Ollie A. Landgraf, QRC 564, of 97 Park St., Chilton, Mis., offers to swap cards, fotos and picture postals with anyone.

The QRC is to be congratulated for its service to listeners in obtaining verifications under the dime verification plan, free of any worry. The introduction of Our Garden should also prove very popular as it provides the means of getting acquainted with other members who may be sociably inclined. I'd like to exchange SWL cards with listeners anywhere, especially foreign, and I'll QSO either in German or English, as may be desired.—QRC 1140, Richard Spiralke, 2258 West 24th Street, Chicago, Ill.

## STATION DATA

In this issue the Station Data section will be found replete with detail, but listeners are reminded that only a third of this section is published each month.

## MOZAMBIQUE

CR7AA Lourenco Marques 300 w 6.137 & CR7BH 11.718 (o) "Maria da Fonte" March. (s) "A Portuguesa" National Anthem. Announcements in Portuguese and English by a lady and two gentlemen. Dr. Antonio de Sousa Neves, Director. Radio Club de Mocambique, Owner. Studios: Avenida da Republica. Caixa Postal 594.

5---7	10-----4		S
4½-6½	9½-11 12¼-----4	12.1	MTWTF

## NETHERLANDS

PCJ Hilversum 9.590, 15.220, PHH 17.770 (s) "William of Nassau," National Anthem. Chief Announcer: Edward Startz. Second Announcer: L. G. Wybrands. Owned by N. V. Philips' Omroep Holland-Indie of Eindhoven, Emmasingel 29. Address: Phobi Studios, Hilversum, Jan v. d. Heydenstraat 41.

17.770 PHH	7½-----10½		S
	8½-10½		M
9.590 PCJ		7---9½	W
		7---9	S
15.220 PCJ	9-----12	1½-3	W
	3½-5		T

## NETHERLAND EAST INDIES

PLP Bandoeng 1.5 kw 11.000; PMH Bandoeng 1.5 kw 6.720; YDB Soerabaia 1 kw 9.610 & 15.300; PMN Bandoeng 1.5 kw 10.260; YDC Bandoeng 1.5 kw 15.150—approximately in the order of their signal strength in North America. (s) "Sing as We Go" (morning session, Java time, not audible in U. S.). (s) "End of a Perfect Day" (evening session—morning in U. S.). The Netherlands Indies Broadcasting Co., Ltd., (NI-ROM), Batavia-Centrum. Koningsplein West 5, Java.

11.000	4½-----10	6.7½	10½-----2	SMTWTF
10.260	5½-----11	6.7½	10½-----2	SMTWTF

PMY Bandoeng 1 kw 5.138 (o) "Fideles Munchen" Military March. (i) Song on Chimes "No Money and No Sorrows." (s) "Auf wiedersehen, my dear." C. Reids Leegsma, Chief Announcer. J. G. Prins, President. Bandoengsche Radio Vereeniging, Owner. Studios: Nillmy Building, Aloon Aloon. Postal Address: Dagoweg 101.

5.138	4-----10½	5½-----11½12½--2½	SMTWTF
-------	-----------	-------------------	--------

## NETHERLAND WEST INDIES

PJC-1 "CUROM" Korte Golf Zender, Willemstad, Curacao 150 w 5.930, PJC-2 9.470 (s) "William of Nassau" Netherlands National Anthem. Local time 24 minutes ahead of EST. Government Station leased to Curacao's Vereeniging (Curacao Radio Club) and operated by subscriptions paid by members. P. Maduro, Announcer. D. Molinhamp, Director of Radio and Telephone Services, Lands Radio-en Telefondienst.

## PARAGUAY

ZP-14 "Radio Cultural," Villarrica 5 kw 6.030 relays ZP-4 "Radio Nacional," Asuncion.

	4-----7		MTWTF
6.030 ZP-14	12-----4		S S

## NICARAGUA

YNAM "La Voz del Pacifico," Managua, D. N., 7.200.

YNIGG "La Voz de los Lagos," Managua, D. N., 6.533. Raul Gutierrez U. & Co., Ltd., Owners.

YN-GU "Alma Nica," Managua, D. N., 50 w 9.300 (o) "The Sesqui-Centennial Exposition March." Newspaper of the Air (s) "The Rosary." Director's Chat 5:30 p. m. EST (o) "Amar sin Esperanza." (i) One Stroke of a Gong. (s) Nicaraguan National Anthem. Br. Jorge Montealegre Callejas, Announcer. R. Ernesto Gutierrez U., Technical Engineer. Srita. Matilde Haydee Diaz, Owner & Operator. Studios: Photographic Studio of A. Diaz F. & Daughters on Calle 15 de Septiembre. Apartado 295. Veries via QRC

9.300 YNGU 12----- 5-6 MTWTFS

YNLF "La Voz de Nicaragua," Managua, D. N., 1 kw 7.600, 9.650. Empresa LeFranc, Owners. Calle 15 de Septiembre, No. 206.

YN-LG "Ruben Dario," Managua, D. N., 1 kw 6.610 (o) "General Marcelo Caraveo," March opening with Bugle Call thrice. Morning and Afternoon Sessions: (s) "Till We Meet Again," Waltz. Evening Session: (s) "Good Night, Ladies," Medley Waltz. Benjamin Guerra (Chief), Cesar Guerra and Francisco Chirip, Announcers. Benjamin J. Guerra L., Technical Director & Manager. Benjamin J. Guerra & Constantino Lacayo Ltda., Owners. Studios: 5a Calle Noroeste No. 207. Veries via QRC.

6.610 YNLG 6-7 11-----1 4-----8 SMTWTFS

YNOP Radiodifusora "Bayer," Managua, D. N., 1 kw 5.758. Ernesto H. Andreas, Technical Director. Edmundo Tefel, Manager. (For veri send unused U. S. 3 cent stamp, as IRC invalid in Nicaragua.)

YN-PR "La Voz del Radio Pilot," Managua, D. N., 500 w 8.580. Relays YNPR 630. A. Majewsky, Mgr. Rodolfo Sengelmann, Owner.

## NORWAY

LKC "Norwegian State Short Wave Broadcasting Station," Jelyo 10 35 46 E. 59 26 12 N., 1 kw 9.530 & LKJ 1 kw 6.130 relays Norwegian National Program from Oslo. (i) 6 notes, "Hallo, Oslo." (s) National Anthem, "Ja, vi elsker" (Yes, We Love This Country) and motif from Grieg's "Sigurd Jorsalfar." Men announcers. Olav Midttun, Program Director. Government Station. Studios: Norsk Rikskringkasting, Stortingsgaten 28, Oslo. Address for Listeners' Reports: Administration des Telegraphes, Oslo.

9.530 LKC 5-----8 SMTWTFS  
6.130 LKJ 11½-----5 SMTWTFS

## PANAMA

HP-5A "Radio-Teatro Estrella de Panama," (Star & Herald Radio Theatre) Panama City 300 w 11.700 (s) "Anvil Chorus." Brandon Eisenman, Announcer. A. Villegas Arango, Managing Director. Radio-Teatro, Inc., Owners. Studios: Av. Sur No. 8. Apartado 954. (Veries via QRC.)

HP5B "Estacion Miramar," Panama City 200 w 6.030 relays HP5C 100 w 730 kc (o) March "Panama." (s) "Good Night Melody." Urbano Vengoechea and Sta. Maria Vidal, Announcers. Guillermo Endara P., Manager & Director. Radio Panama, S. A., Owner. Studios: Club Miramar, Bella Vista. Apartado 910.

6.030 HP-5B 10½-----2 5-----10 SMTWTFS

*Super-Powered for*



THE  
*New*

**SCOTT** *Philharmonic*

*Clearer, Stronger Foreign Reception*

30



TUBES

## BRINGS IN THOSE WEAK HARD-TO-GET STATIONS

This new Scott Custom-Built Philharmonic is, we believe, the world's most highly perfected long distance receiver. It far surpasses all previous Long Distance World's Records, held by Scott Receivers. 30 Tubes, all operating at peak efficiency, develop tremendous perfectly controlled power. You can now tune many stations you never have heard before. Greater Sensitivity enables you to take a whisper from the far corners of the earth and amplify it to the volume of a "local."

### 3.75 TO 2000 METERS

Greater Wave Length Range, 6 Bands, 3.75 to 2000 meters, gives you complete coverage of practically everything on the air. Every point on the dial is filled with powerful, superb-toned reception. "Years ahead" in design... it will receive Television Sound Broadcasts. The secret of this new Scott Philharmonic's amazing performance lies in its 8 New Features

(patents applied for), which permit you to locate and bring in those far away, weak, hard-to-get stations that are seldom heard on other receivers.

### CUSTOM-BUILT TO ORDER

The Scott Philharmonic is not an ordinary radio. It is Custom-Built by hand to suit receiving conditions in your locality. Constructed with the precision of a fine watch. Incorporates every modern improvement of radio science. The Philharmonic is the only Radio Receiver, we believe, that will perfectly reproduce the entire tonal range of the human ear (30 to 16,000 cycles). Every tone from the very lowest to the highest is captured with an uncanny realism that seems to bring you into the very presence of the musical rendition. Guaranteed 5 years. Fifteen cabinets by master designers await your choice.

**FREE DETAILS • MAIL THE COUPON NOW!**

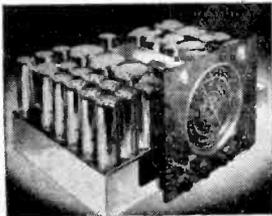
**E. H. SCOTT RADIO LABORATORIES, INC.**

4491 N. Ravenswood Ave., Dept. 44K7, Chicago, U. S. A.

Please send details about the new Scott Philharmonic. (No dealers. Sold only direct from Scott Laboratories in New York, Chicago, Los Angeles. 30-day free trial).

Name \_\_\_\_\_

Address \_\_\_\_\_



HP5F "La Voz de Colon," Colon 250 w 6.050 (o) "Washington Post March." (i) Bugle call, twice. (s) "Los Bomberos de Colon" (The Firemen of Colon). C. E. Villalaz & Roy Greene, Announcers. Roy Greene, Commercial Agent. C. E. Villalaz, Director & Manager. Manuel Diaz Doce, Owner. Studios: Cristobal Nuevo 0,091 esq. a Novena. Apartado 427. 8-9 11----1 4- 6 9---10½ SMTWTFS

HP5H Radio "Panama-America," Panama City 6.125. Apartado 1045.

HP5I "La Voz del Interior," Aguadulce 50 w 11.895 (s) "El Tambor de la Alegria" (The Drum of Joy). (i) Gong—3 strokes thrice on hour and half-hour. Francisco Cebamanca, Announcer. T. Fogarty, Secretary, English Section. G. J. Ecker, Treasurer. Alejandro de Boutaud, Manager & Director. Studios: Plaza Principal. P. O. Box 24.

HP5J "La Voz de Panama," Panama City 160 w 9.590 (variable). Manuel Diaz Doce, Manager. G. Williams, News Commentator, Box 34. Servicio Publico de Radio, S A., Owner. Caja Postal 867.

HP5K "La Voz de la Victor," Colon 6,005 relays HP5O 1,440. (s) "La Viuda Alegre" (Merry Widow Waltz). Jose Jaen y Jaen & Cia. Ltda., Owners. Apartado 33.

HP5L "Las Ondas del Baru," David, Chiriqui Prov. 350 w 11.740. Leo Marchosky, Mgr. Apartado 129.

#### PERU

OAX1A "Radio Delcar," Chiclayo 300 w 6.335 (s) Ted Lewis' "Good Night Melody" followed by Peruvian National Anthem with vocal chorus. J. Carlos Montjoy D., Owner. Casilla No. 9.

OAX4D "La Voz del Peru," Lima 5.780. Relay of Dusa Broadcasting Company program temporarily discontinued. (s) Morse signal modulated at 1,000 c. p. s. L. N. Anderson, Manager. All America Cables, Inc., Owners. Casilla 2336.

OAX4G "Radio Grellaud" (pronounced: Radio Graylo) Lima 400 w 6.300 (s) "Goodnight Melody." (i) None. Ernesto Dulude, Announcer. Robert Grellaud, Owner & Operator. Studios: Avda. Abancay 915-923. Apartado 2213.

OAX4J "La Voz de Lima," Lima 77 2 39 W 12 3 5 S 500 w 9.330 relays OAX4I 1 kw 1,100 kc (o) "Broadway Rhythm." (i) 3 chimes. (s) "Whistler and His Dog." Multilingual recording at sign-off. Antonio Vazquez P. (OA4H) Managing Director. Jorge Aprile, Manager. Radio Internacional, S. A. Owner. Studios: Edificio Minería, sexto piso. Casilla 1166. Varies via QRC.) 12---3 5-----11 SMTWTFS

OAX4P "Radio Huancayo," Huancayo 5.975. Apartado 187.

OAX4Z "Estacion Radio Nacional del Peru," Lima (San Miguel) 10 kw 6.082 & OAX4T 10 kw 9.562 OAX4A 10 kw 854 kc (s) McDowell's "To a Wild Rose." Studios: Av. Petit Thouars 447.

OAX5C "Radio Universal," Ica 9,610 relays OAX5B (s) "Estrellita" by Manuel A. Ponce, organ. J. A. Umberto F., Owner & Operator. Studios: Avenida San Luis s/n.

OAX6A "Radio Arequipa," Arequipa 100 w 6.122 (o) "La Marcha de los Marineros." (s) "Himno Nacional del Peru." Eduardo Caceres B., and Jorge Caceres B., Announcers. Alberto Malaga, Manager. Edo. L. Caceres, Owner & Director. Studios: Munoz Najara 141. Casilla 293.

**PHILIPPINES**

KZRM "Radio Manila," Manila 1 kw 9.570 or 11,840 relays KZRM 35 kw 618.5 kc/s (s) "Goodnight Melody" with "Taps" on chimes. (i) 3 Chimes. Announcements in English, Spanish and Tagalog. Thos. R. Worthen, Manager. Erlanger & Galinger, Inc., Owners & Operators.

5-----9  
4-----10

43--6

MTWTFS  
S

**POLAND**

SPD "Polskie Radio," Warsaw (Babice) 2 kw 11.535, SPW 10 kw 13.635 Opening and Interval Theme: Melody from the Opera "The Haunted Castle," by Stanislas Moniuszko. (s) Polish National Anthem. A lady and two gentlemen announcing. Government Station under the direction of the Ministry of Posts & Telegraphs, Technical Exploitation Section. R. Starzynski, Director General of Polskie Radio. P. Gorecki, Director of Programs. W. Topolinski, Director of Short Wave Programs. Studios: Warszawa 1, Mazowiecka 5. Skrzyznka Pocztowa (P. O. Box) 1141.

11.535 SPD  
13.635 SPW

6-----9  
6---8

S S  
SMTWTFS

**PORTUGAL**

CS2WA "Radio Colonial," Lisbon 2 kw 9.650, (o) "Feno de Portugal," March by Cruz and Souza. (s) "A Portuguesa," National Anthem. (i) Cuckoo call thrice. Joao de Melo, Announcer. Abilio Nunes dos Santos, Jr., Owner. Av. Antonio Augusto d'Aguiar, 136.

"Radio Renascenca" or "Emissora Catolica Portuguesa," Lisbon 2.5 kw 5.977. No call letters used. (s) "Hymn to Our Lady de Fatima." (i) None. Sister Laurinda and others, announcers. Father Lopes da Cruz, Director. "Renascenca," a Catholic publication, Owner. Rua Capelo No. 5.

CSW "Estacao de ondas curtas de Emissora Nacional," Lisbon 10 kw 9.940, 11.040 (s) A "Portuguesa," National Anthem. Aurea Rodrigues, Maria Rezende, Fernando Pessa, Olavo d'Eca Leal, Announcers. Manuel Bivar, Chief Engineer. Captain Henrique Galvao, Director. Government Station under direction of Ministry of Public Works & Communications. Studios: Rua do Quelhas 2.

11.840 CSW-4  
11.040 CSW-2  
9.940 CSW-3

1-23  
24-----6  
6---8

SMTWTFS  
SMTWTFS  
SMTWTFS

**SALVADOR**

YSD "Radio Nacional," San Salvador (Cuscatlan) 7.894, YSH 9,520, YSM 11.710 (o) March "Gerardo Barrios," a former President. Government Station. Victor M. Escobar, Director General de Telegrafos, Telefonos y Radio Nacionales.

7.894 YSD  
11.710 YSM

12---2

6-----10

SMTWTFS  
SMTWTFS

**SIAM**

HS8PJ Bangkok (Saladeng) 5 kw 9.510, 19.020. Interval Signal: 3 chimes in ascending scale. Government Station. Lt. Col. Phra Aram-ronajit, Superintending Engineer of Radio Section, Post & Telegraph Dept. Address: Experimental Shortwave Broadcasting Station HS8PJ, Bangkok.

**SPAIN**

EAQ "The Voice of Spain," Madrid (Aranjuez) 20 kw 9.860 & EAR 9.480. Transradio Espanola, S. A., Apartado 951.

## SPANISH MOROCCO

EA9AH "La Estacion Experimental Nacionalista de la Rueda del Oeste," Tetuan 500 w 14.004. Pro-Franco war news in Spanish and English. Fernando Diaz Gomez, Owner & Operator. Apartado 124.

"Radio Guardia Civil," Tetuan 200 w near 6.590 (o) "Himno Jalfiano." (i) Gong. Concluding words: "Saludo a Franco! Arriba Espana!" (s) "Marcha Granadera" (National Anthem). Brigada, Lorenzo Gomez Benitez, Announcer & Director. The Spanish Nationalist State, Owner. Studios: Plaza de Espana (Tetuan). Address: Radio Guardia Civil.

## STRAITS SETTLEMENTS MALAYA

ZHJ Penang 49 w 6.080 Daily 6:40-8:40 a. m. EST. Time 7 hours 20 minutes ahead of GMT. Penang Wireless Society, Owner. T. A. Crossley, Asst. Hon. Secretary. 40, Perak Road, Penang, S. S. Malaya.

## SWEDEN

SBO "Motala Rundradiostation" (Motala Broadcasting Station) Motala 15 02 40 E 58 32 50 N 750 w 6.065 & SBP 11.705. (i) None. Government Station under the direction of The Royal Board of Swedish Telegraphs, Stockholm. Address reports to Motala.

11.705 SBP	6-----	1 1/2		112		S
	3-----	1 1/2				
	6-----	9	11-----	1 1/2		S
6.065 SBO		1 1/2	-----	5		MTWTF
						SMTWTFS

SM5SX "Experimental Short Wave Station," Stockholm 400 w 15.155. Uses neither interval signal nor musical signature. Royal Technical University (Kungl. Tekniska Hogskolan).

	9-----	5				S
15.155 SM5SX	11-----	5				MTWTF

## SWITZERLAND

"Radio-Suisse—Radio-Nations," Geneva HBH 18.480, HBF 18.450, HBJ 14.535, HBO 11.402, HBL 9.595, 9.345, HBP 7.797, HBQ 6.675. C. H. Calame, Chief of the Wireless Service. Address reports on League of Nations Bulletin broadcasts to Information Section, League of Nations, Geneva. For other broadcasts address: Radio-Suisse, Quai de la Poste, 12, Geneva. If verification desired, send IRC.

7.797 HBP	9.345 HBL	6 3/4--	8			M
-----------	-----------	---------	---	--	--	---

## TAHITI

FO8AA Radio Club Oceanien, Papeete 200 w 7.100 (s) Opening "La Marseillaise," closing "Aloha Oe" or "Farewell to Thee." Alfred T. Doroi, President.

7.100 FO8AA		11_12				T F
-------------	--	-------	--	--	--	-----

## UNION OF SOVIET SOCIALIST REPUBLICS

RV-15 Khabarovsk 4.245. Rowena Meyer, Editor, Radio Committee, Khabarovsk, U.S.S.R.

Moscow (s) "Internationale." Inna Marr, Chief Editor, Radio Center, Solianka 12, Moscow, U.S.S.R.

12.000 RNE				10 1/2--		SMTWTFS
	6 1/2--					W
	6--	10--				S
6.000 RV-59			4--			SM F
9.600 RAN	7.520 RKI-2		7--	9 1/2		SMTWTFS

UNION OF SOUTH AFRICA

Johannesburg (Klipheuvcl) 5 kw 6.097, 9.606 (s) "Die Stem van Suid Afrika" and "God Save the King." Chimes 7 a. m. at midnight EST. Bugle Call opens and closes midnight EST session. African Broadcasting Co., Ltd., Box 4559.

6,097 ZRJ	Maraishurg near Johannesburg, 200 w		
	3½--5	8-----11½	S
	3¼-----7¾	9-----11½	MTWTF
	3¼-----7¾	8½-----11½	S
		11¼12¼	SMTWTF
6,150 ZRD	Durban, 10 w		
		8-----11½12-----3¼	S
	3½-----7¾	9-----3¼	MTWTF
	3½-----7¾	9-----4	S
		11¼12¼	SMTWTF
9,523 ZRH	Roberts Heights near Pretoria, 5 kw		
	3½--5		S
	5--7¾		MTWTF
		11¼12¼	SMTWTF
6,007 ZRH	Roberts Heights near Pretoria, 5 kw		
		10½--12½-----3¼	S
		10-----4	MTWTF
		10-----4¼	S
9,606 ZRK	Klipheuvcl near Capetown, 5 kw		
	3½--5	8-----11¼	SMTWTF
	3¼-----7¾	9-----11¼	S
			MTWTF
6,097 ZRK	Klipheuvcl near Capetown, 5 kw		
		12-----3¼	S
		12-----4	MTWTF

UNITED STATES OF AMERICA

W1XAL "Dedicated to Enlightenment," Boston, Mass. 20 kw 6.040, 11.790, 15.250, 21.460 (o) First six notes of Star Spangled Banner. (s) "Star Spangled Banner." Ruth Stanford, Station Secretary. World Wide Broadcasting Foundation, Owner. Walter S. Lemmon, President. University Club, 40 Trinity Place.

W1XK Millis, Mass. 10 kw 9.570 relays WBZ Boston (s) "Stars and Stripes Forever." Dwight A. Myer, Plant Manager. Westinghouse Electric & Mfg. Co., Owners. Hotel Bradford, Boston, Mass.

W2XAD "The Voice of Electricity," Schenectady, N. Y., 18 kw 15.330 & W2XAF 25 kw 9.530 (o) "Stars and Stripes Forever" followed by three crashes of 10 million volt artificial lightning. (i) Chimes G-E-C. (s) "Star Spangled Banner." E. S. Darlington, In Charge, Short-Wave Broadcasting. General Electric Co., Owner. 1 River Road.

9.530 W2XAF		4-----12	SMTWTF
21.500 W2XAD	8-----12		SMTWTF
15.330 W2XAD	12½-----7		SMTWTF
9.550 W2XAD		7½-----12	SMTWTF

W2XE New York, N. Y. (Wayne, N. J.) 10 kw 6.120, 11.830, 15.270, 17.760, 21.520 (s) "Star Spangled Banner." Miss E. A. Tucker, Director of Programs. A. B. Chamberlain, Chief Engineer. Columbia Broadcasting System, Inc., Owners & Operators. Studios: 485 Madison Av.

21.520 W2XE	8-----1		S
	7½-----10		MTWTF
15.270 W2XE		2½-----6	S
		1.2¼	MTWTF
11.830 W2XE		2½-----6½-----12	SMTWTF

W3XAL Bound Brook, N. J. 12-15 kw 17.780, 25-30 kw 6.100 relays WJZ (s) "Star Spangled Banner." (i) 3 chimes. Address: Audience Mail, National Broadcasting Co., Inc., RCA Building, 30 Rockefeller Plaza, New York, N. Y.

W3XAU Philadelphia (Newtown Square) Pa. 10 kw 6.060, 9.590, relays WCAU. J. G. Leitch, Technical Supervisor. WCAU Broadcasting Co., 1622 Chestnut St., Philadelphia, Pa.

W4XB Miami Beach (Collins Island in Biscayne Bay) Fla., 5 kw 6.040 relays WIOD. Milton C. Scott, Jr., Chief Engr. Hal I. Leyshon, Mgr. Isle of Dreams Broadcasting Corp., Owner. 600 Biscayne Blvd., Miami.

W8XAL Cincinnati (Mason) Ohio 10 kw 6.060 & 9.590 relays WLW 700 (s) "Star Spangled Banner." R. J. Rockwell, Technical Supervisor. The Crosley Radio Corporation, Owner, 1329 Arlington Street. (9,590 kcs not now being used. New transmitter being constructed for this frequency.)

W8XK Pittsburgh (Saxonburg) Pa. 40 kw 6.140, 11.870, 15.210, 21.540 & W8XKA 50 w 31.600 (s) "Stars and Stripes Forever." J. E. Baudino, Plant Manager. Westinghouse Electric & Mfg. Co., Owner. Grant Building, 310 Grant Street.

W9XAA "The Short Wave Voice of Labor," Chicago (Downers Grove) 500 w 6.080, 11.830 17.780, relays WCFL Voice of Farmer-Labor. Maynard Marquardt, Technical Supervisor. E. N. Nockels, Sec. & Gen. Mgr. Studios & Offices: 20th Floor, American Furniture Mart, 666 Lake Shore Drive.

W9XF Chicago (Downers Grove) Ill. 10 kw 6.100 Associated with WENR, whose slogan is "The Voice of Service." (s) "Star Spangled Banner," National Anthem. (i) Regular NBC 3 Chimes. Identification in Russian, Spanish, Japanese, French, Swedish, Italian, German and English. H. C. Luttgens, Division Engineer. Owned, Managed & Operated by National Broadcasting Co., Inc. For veries: Audience Mail, N. B. C., Merchandise Mart, Chicago, Ill.

#### URUGUAY

CXA-2 "Radio Continental," Montevideo 5 kw 6.000 relays LS-2 "Radio Prieto" of Buenos Aires (o) "Hermosa Primavera" (Beautiful Spring). (s) "Isla de los ceibos." Ricardo Vallarino & Oscar A. Rivas, Announcers. Rodolfo Caissols, Director. Ernesto Racine, Manager. Cia. de Radiopublicidad Continental, Owner. Plant: Camino a Carrasco 5151. Studios: Calle Juan C. Gomez 1431.

6.000 CXA-2      10 $\frac{1}{2}$ -----10 $\frac{1}{2}$       SMTWTFS

CXA-4 Montevideo 6.125. Hector M. Laborde, Manager. Government Station under the direction of Servicio Oficial de Difusion Radio Electrica. Studios: Calle Mercedes 823.

CXA-8 Colonia 9.640 relays LR-3 Radio Belgrano. Juan E. Cossio, General Manager. Studios: Belgrano 1841, Buenos Aires, Rep. Argentina.

#### VATICAN CITY STATE

HVJ "Radio Vaticano," Vatican City 50 kw 6.030, 9.550, 11.740, 15.120. Characteristics: Ticking of clock for five minutes preceding transmissions—Chimes of St. Peter on the hour—Initial and final words: "Laudetur Jesus Christus." Address: Stazione Radio, Governatorato, Stato della Citta del Vaticano.

## VENEZUELA

YV1RB "Ecos del Zulia," Maracaibo (Las Delicias) State of Zulia 300 w 5.850 relays YV1RA 150 w 1,300 kc (s) "Strike Up the Band." (i) Gong and Xylophone. Alirio Jimenez, Antonio Espinoza, Salvador Llamas, Announcers. Manolo Arraez, Technician. L. Garcia Nebot, Director & Co-Owner. Juan Suarez Castro, Manager & Co-Owner. Studios: Ecos del Zulia Building, Vargas esq. a Zamora. Apartado 37.

5.850 YV1RB  $\overset{5\frac{3}{4}}{\text{-----}}\overset{9\frac{3}{4}}{10\frac{1}{2}}\text{-----}\overset{1\frac{3}{4}}{2}\overset{3\frac{3}{4}}{\text{-----}}\overset{10\frac{3}{4}}{9\frac{1}{2}}$  MTWTFSS

YV1RD "Radiodifusora Maracaibo," Maracaibo (ex YV7RMO) 6.070, relays YV1RE, 1,153. Luis Mantellini, Jr., Owner. Apartado 100.

YV1RG "Radio Valera," Valera (Santa Barbara) State of Trujillo 500 w 6.230 (s) "Marcha Radio Valera." Elias Barrios A. and Alberto Isaac, Announcers. Pedro Febres Jelambi, Manager. Jorge Febres Jelambi, Owner. Avenida Bolivar No. 56.

YV1RH "Ondas del Lago," Maracaibo (La Arriaga) 350 w 6.360 relays YV1RF 350 w 1,120 (s) "Er weicht der Sonne nicht!" (i) Measure from "Jealousy." "Emisora Philco, etc.," is the advertisement of a commercial house. Luis G. Rosales, Luis G. Govea, N. Vale Quintero and G. Nouel, Announcers. G. Nouel, Technical Director. Nicolas Vale Quintero, Owner. Apartado 261.

YV1RI "Radio Coro," Coro, State of Falcon 250 w 6.210 (s) "Los Tres Colores" (The Tricolor) March. (i) 4 Marimba Notes. Gonzalo Marquez Yanez, Announcer. Eugenio Grand, Manager. Roger Leyba, Owner & Director. Studios: Urbina Building, Commerce Street.

YV1RL "Radio Popular," Maracaibo (Sabaneta Larga) Estado Zulia 300 w 5.930 relays YV1RK 250 w 1,250 kc/s (s) "Marcha del Emblema Nacional" (National Emblem March). (i) 4 Chimes. Maracaibo time 13' 16" ahead of EST. Rafael Rivera, Jorge Asprino, Jose Alvarado, Julio Cesar Borges, Juan Pablo Parodi Granes, Alirio Garcia M., Announcers. Rafael Rivera Parra, Director. Jose A. Higuera M., Owner and Technician. Offices: Bolivar 26, Altos. Registro 31, Altos. Apartado 347.

YV2RA "La Voz del Tachira," (La Emisora de Fidelidad Real) San Cristobal, State of Tachira, 1 kw 5.755 relays YV2RB 1 kw 980 kc (s) "El Capitan," Sousa March. (i) Marimba. San Cristobal Time 11 minutes ahead of EST. Juan A. Chacon & Jose Antonio Perez, Announcers. Juan A. Chacon, Director. Jesus M. Diaz Gonzalez, Owner, Manager & Technician. Studios: Octava de Barbula, 39-41. Apartado 37. (Veries via QRC.) 5.755 YV2RA  $\overset{11\frac{3}{4}}{\text{-----}}\overset{12\frac{3}{4}}{\text{-----}}$   $\overset{5\frac{3}{4}}{\text{-----}}\overset{9\frac{3}{4}}{\text{-----}}$  SMTWTFSS

YV3RB "La Voz de Lara," Barquisimeto (Santa Rosa) State of Lara 5.880, YV3RC 9.565, relays YV3RA 1,270 kc (s) "Marcha del Rey Don Carlos" (King Charles March). Sigala & Ramos, Owners.

YV3RD "Radio Barquisimeto," Barquisimeto 6,465.

YV4RB "La Voz de Carabobo," Valencia, State of Carabobo 500 w 6.520. Guillermo Degwitz, Owner.

YV4RD "La Voz de Aragua," Maracay, State of Aragua, 6,300, YV4RG 1,150 (s) "El Aragueno," a typical Venezuelan joropo composed by Manuel Briceno. Station identification on quarter hour with background music. O. Paz Castillo, Director. Oscar Croquer, Manager.

YV5RC "Radio Caracas," Caracas (Las Barrancas) 1 kw 5.800 relays  
YV5RA 5 kw 960 kc/s (s) March "Radio Caracas." (i) 4 Chimes.  
Domingo Hurtado, Alberto Oyarzabal, Leon Bravo, Francisco Fossa Ander-  
sen, Carlos Fernandez, Announcers. Alcides Toro, Sub-Director. Ricardo  
Espina, Manager & Director. C. A. Almacen Americano, Owners. Studios:  
Pajaritos a La Palma. Apartado 2009.

YV5RD "Radiodifusora Venezuela," Caracas 2.5 kw 6.158 relays  
YV5RB 5 kw 1,200 (s) "Unidos para Siempre," March. Hermann Degwitz  
Director. Gerardo Siblesz, Manager. Degwitz & Siblesz, Owners. Plant:  
Las Barrancas, 3 miles from Caracas. Studios: Interior del Pasaje Ramella.  
6.158 YV5RD 10½-----1½ 3½-----10½ SMTWTFS

YV5RF "Ecos del Caribe," Caracas 6.375 relays YV5RE 1,100.  
Veries signed "R. Vargas." Apartado 983.

YV5RH Emisora "Ondas Populares," Caracas (ex YV9RC) 6.400,  
relays YV5RG 1,010. Studios & Tx: Los Jardines-El Valle (Valley Gar-  
dens) in downtown Caracas. Gonzalo Veloz Mancera, Owner & Operator.  
Apartado 1931.

YV5RJ "La Voz de LA ESFERA," Caracas (Colonia Tovar) 1 kw  
6.250 relays YV5RI 500 w 1,370 kc (s) "La Voz de LA ESFERA," march.  
(i) Gong. Rafael Marquis & Francisco Carreno Delgado, Announcers.  
Edmundo Suegart, Director. Manuel de Goya, Manager. Suegart & Co.,  
(Publishers of the Daily Newspaper LA ESFERA) Owners. Studios:  
Padre Sierra a Munoz No. 3. Apartado 1908.  
6.250 YV5RJ 10½---12½ 4½-----10½ SMTWTFS

YV5RP "La Voz de la Philco," Caracas 5 kw 6.270 relays YV5RQ  
882 kc (s) "Schubert & Clarinada Military March." E. Vera F., E. Navas,  
J. G. Hurtado, G. Prohano, E. Salvador, Announcers. Augusto Brandt &  
Nicolas Delmare, Art Directors. Azael de La Lastra & Rafael Ramirez,  
Directors. Victor M. Soto, Owner. Studios: San Francisco a Pajaritos  
31, altos. Apartado 508.

YV6RB "Ecos del Orinoco," Ciudad Bolivar, State of Bolivar 200 w  
6.545 relays YV6RA 200 w 1,400 kc/s (s) One Step "Sin Nombre." (i)  
Bell. Antonio Jose Rivas, Ivan Esquerre, Maria Elena Benigni, Arnoldo  
Gomez, Raquel Torres, Announcers. Jose Rafael Guacaipuro Guariguata,  
Technician. Jose Miguel Otero, Manager. Enrique Torres Valencia, Owner  
& Director. Offices: Calle Bolivar No. 32. Studios & Plant: Paseo 5 de  
Julio No. 7. Apartado 34.

YV6RC "Radio Bolivar," (Emisora guayanesa) Ciudad Bolivar  
(Orinoco River) 300 w 6.420 (s) "Marcha Venezuela." (i) Gong. Pedro  
Reyes, Francisco Verde, Antonio J. Setillo and Alejandro Ruiz. Announ-  
cers. Jose Francisco Miranda G., Manager. Miranda & Beherens, Owners.  
Plant: Zona de Ensanche. Studios: Calle Amor Patrio 337. Offices: Calle  
Orinoco.

#### YUGOSLAVIA

YUA "Yugoslav Short Wave Radio Station," Belgrade 1 kw 6.100  
(s) National melody played on flute. English announcements by lady.  
Government Station under direction of Central Press Bureau. Dr. Kosta  
Lukovitch, Director. Stoyan Bralovitch, Manager. Address: No. 16  
Milosha Velikog.

6.100 49.18 7.8½ 1-----6½ 12½--2½ SMTWTFS

















## ROLLING OFF A LOG

There is pleasure in logging new stations for it is not unlike a game. The pleasure is intensified—it is more exciting and alluring—if a score be kept for the spirit of contest then enters into the game. With this thought in mind, the QRC devised a plan which embraces all the enjoyable features of a contest, inclusive of prizes, but is distinctly not a contest for it is devoid of chance. You are absolutely certain of winning your prize, and as many of them as you may care to win. There are no losers. Using QRC forms, obtainable at 90 for 9 cents, post-paid, the object is to log 30 different shortwave *broadcast* stations, 10 times each—a total of 300 reports. This entitles you to a prize valued not in excess of 75 cents, such as a National Geographic Society map, on linen, or, for instance, you may add 50 cents and receive an Amateur Call Book. For each additional 30 stations logged ten times, you may select an additional prize.

You may tune at your pleasure, there being no appointed time, but at least an hour should elapse before again logging the same station. Reports should be on shortwave *broadcast* stations only; not point-to-point relays, telephone circuits, special services nor amateurs. By "broadcast" is meant entertainment for reception by the general public. A musical selection or an advertised product, by name, is a sufficient log. Unless in the station's own language, a longer log is not desirable. Reports may be sent the QRC monthly or oftener, at your convenience, each accompanied by a half cent, of which a quarter cent applies toward the prize to be selected by you upon completing 30 stations, ten times each, and the remainder is for forwarding postage. Reports are forwarded by the QRC to the respective stations upon assembly from all sources of a mailing unit. If the postal rate is 3 cents, 15 reports for the same address constitute a mailing unit, or if 5 cents, 25 reports. This is the Connoisseur Plan—a privilege reserved for the exclusive enjoyment of QRC members.

The verification of any Connoisseur Report (Dime Veri stations excepted) will be requested for you if you mark it with a "v" in the left-hand margin and deposit 6 cents additional ( $6\frac{1}{2}$  cents in all). You have no letter of request to write the station as this the QRC does for you. In requesting your veri, the QRC offers the station a copy of the REPORTER in lieu of reply postage. If no veri is forthcoming, no REPORTER is sent, 5 cents of your deposit being refunded you. This enables the QRC to guarantee "your verification or your money back." For accounting purposes these veries are requested sent by the stations to the QRC for delivery.



K W P

FEBRUARY—10 CENTS

# SHORT WAVE REPORTER



NEW STATIONS AND STATION NEWS  
BROADCAST SCHEDULES  
VERIFICATIONS GUARANTEED  
TELEGRAPH FREQUENCY MARKERS

★

★

## STAMP COLLECTING

Many shortwave listeners, and especially those who are collectors of verifications, are also stamp collectors. Believing that every live Club should provide action for its Members, we have long sought the formula for combining these two activities. Enthusiasm is the only force of cohesion upon which we must rely, so we should lose no opportunity to foster it. A plan is now proposed which is meritorious for its simplicity. A hindrance to subscriptions from abroad is the exchange feature, so, for the time being we shall accept payment from foreign stations in used postage stamps of their country. This may stimulate foreign subscriptions to the REPORTER in some degree. These stamps are then to be offered in lots of 600 to Members as optional prizes under the Connoisseur reporting plan. In this way, for every reception report, the Members will receive two foreign postage stamps, or double the number they might hope for if the reports were mailed direct to the stations. On the face of it, this plan appears workable and should benefit all who participate. Quite a few Members whom we had not supposed were stamp collectors, have signified their approval and it is entirely possible that, as Bob Burns of Arkansas might observe, "we've got something!"

## CONNOISSEUR PLAN

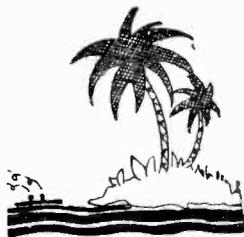
For the benefit of anyone yet unfamiliar with the Connoisseur Plan, let us re-state it: Every Member (and all subscribers are automatically Members) who, using QRC forms, sends the QRC ten reception reports on each of any thirty shortwave broadcast stations—a total of 300 reports—may select as his prize (a) any National Geographic map, mounted on linen, (b) a mixture of 600 foreign stamps, or (c) any other prize of a value not in excess of 75 cents.

Report blanks will be supplied by the QRC in lots of 90 at 9 cents, post-paid. Space is provided for reporting five different stations per page, nor need they be clipped apart for this is done by the QRC. A score is kept of all reports to be counted toward the prizes. With each report of which a score is to be kept, remit a half cent. Of this, a quarter cent applies toward the prize and a quarter cent toward forwarding postage. Reports of which no score is desired kept, such as those relating to stations it is not expected may be heard ten times, may be accompanied by a quarter cent only. These should be indicated by an "o" beneath the membership number in the upper right-hand corner of the report.

It will be seen that, by pooling your reports in this manner with those of fellow members, you may forward from twelve to twenty times as many at no greater postage expense than on a single

(Please turn to Inside Back Cover.)

# Short Wave Reporter



## HEAR TOKIO!

From the Land of Cherry Blossoms and the Rising Sun, Overseas Programs may now be heard daily, both on the Atlantic and the Pacific Coast. The Pacific has enjoyed these daily broadcasts for some time, but it is only lately that a daily schedule has been put into effect for the East. Further changes in time and frequencies may still be expected until the most favorable have been found. Directive antennae are employed and reception intended for another region is rare. The programs intended for the East Coast are carried by two stations, JZJ and JVN. The former is heard fairly well, but not the latter. The time: 4 till 5 p. m. EST; and the place (dial reading) for JZJ: 11.800 mc on the fringe of W1XAL Boston 11.790 mc. In fact, W1XAL operates between Tokio and Vienna at that hour and might cause some interference in the case of non-selective receivers.

Listeners on the West Coast must be content with hearing their own Hour over the same station, JZJ, at 9 p. m. PST, for it is not audible earlier in the afternoon, possibly due in part to the directive effect of the antenna employed.

The complete schedule of the several Overseas Hours, in EST, follows:

For Western United States and Canada, JZJ 11.800 mc 12 to 1 a. m.

For Java, Straits Settlements and Australia JZI-JZJ 9 to 10 a. m.

For Europe, JZI-JVP 2:30 to 3:30 p. m.

For Eastern United States and South America, JVN-JZJ 4 to 5 p. m.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.  
10 cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1937 by E. J. Shields, Chots.  
Advertising accepted of reputable firms only. Rates on application.

For Manchukuo, any of various stations almost throughout the day.

All programs open and close with the playing of the Kimigayo, the National Anthem of Nippon. Reports of reception are requested sent the Overseas Section, Nippon Hoso Kyokai, Atagoyama, Shiba-ku, Tokyo. All good students of the language will remember that yama means hill.

### RECEPTION NOTES

Having gained the impression that the reader does not want too much of any one thing, we are now dishing up "some of this, and some of that." First on the menu is a section of Reception Notes, not all of which have been verified for many are "hot off the air." Secondly, we offer the graphic Broadcast Schedule and station list. Then we have revived the Station Data, most of which has been verified and is known to be correct, but will now be presented serially, as will the Illustrated Station List, so helpful for calibration purposes.

### ARGENTINA

In point of program value, Radio El Mundo (The World, daily newspaper) of Buenos Aires still excels with reception of LRU 15.290 mc at peak toward sign-off at 5:30 p. m. EST, and LRX 9.660 mc likewise at peak toward sign-off at 10 or 10:30 p. m. Interval signal: Four notes of a vibrophone. Address: Calle Maipu 555.

### AUSTRIA

After a week's absence, Radio Wien OER-2 resumed broadcasting on 11.780 mc. Listeners who have yet to log Vienna now have this opportunity. This frequency is best heard in the east toward 5 p. m., but western listeners have their only chance at sunrise. Verifications give the power as 1.5 kw and the frequency 11.801 mc (25.42), the former wave of 6.072 having been deleted. Address: Osterr. Radioverkehrs A. G., Wien, 1, Johannesgasse 4b, Osterreich.

### BULGARIA

Radio Sofia is relayed by Radio Stara Zagora and shortwave station LZA, the opening words being: "Radio Sofia, Radio Stara Zagora, and the shortwave transmitter LZA. . . ." Both men and women announce, the languages being Bulgarian, German, French and English. As an interval signal, the opening bar of a "ratchentza" or folk dance, is used. LZA was converted by Bulgarian engineers from a radio-telegraph to a radio-telephone station assigned 14.970 mc with 1.5 kw power. The service is state owned and operated, the present Director-General being Mr. Panayot Theodoroff-Sirak Skitnik, a distinguished Bulgarian painter, literary, dramatic and art critic and essayist. The service is maintained by a listeners' tax based upon the number of tubes in the receiver used. Address: Radio Sofia, Moskovska rue, 19, Sofia, Bulgaria.

### CHILE

The stranger on 12,300 kc uses no call letters, but refers to himself as "Radio Service" or so it sounds, owned and operated by Baraz & Co., dealers in radio equipment exclusively at Calle Banderas 166, the postal address being Casilla 761, Santiago, Chile. The spelling of the proper names remains to be verified, but just to silence any who may hint that the QRC is hearing harmonics, may we say that the announced frequency is "al borde de la banda de 25 metros," and that the power is to be increased by the first of this month. Then the "real DXers" may log it! The signature at 8 p. m. EST week-days (9 p. m. Sundays) is a Sousa March, the name of which but one QRC member has dared divine as the Washington Post March.

Flash: English announcement at sign-off: "Radio Service" on a frequency of 12,300 kc.

D. Castillo C., Chief Operator of Station CED Antofagasta, Chile, advises of the discontinuance October 9 of the news bulletin test relay which had been in effect for about two months. The station is owned and operated by the Compania de Telefonos de Chile, a subsidiary of I. T. & T., and uses a 500 watt Western Electric 14-A transmitter in telephone service exclusively.

### CHINA

Verifications of ZBW Hong Kong indicate that only the frequency of 9.525 mc will be used, all mention of other authorized frequencies having been omitted. This is indeed fortunate for American listeners as this frequency has proven most favorable for reception at dawn. Acceding to numerous requests of American listeners, ZBW will occasionally relay long-wave station XQHC of Shanghai. You may then delight your ears with Chinese swing music! Address: Box 200, Hong Kong.

### COLOMBIA

Each Saturday night at 10 EST, an English Hour is dedicated by Radio Cartagena HJ1ABP 9,600 kc to all whose thought images are formed in that language. The first program was rewarded with 135 reports, said to be a record. Continuance of the Hour will depend upon the listeners' response. Meanwhile the announcer offers a prize to anyone who will guess his nationality. Address: Apartado 37.

Monday nights at the same hour, La Voz de Los Laboratorios Fuentes HJ1ABE 9,500 kc also dedicates an English program to radio clubs, including of course your own. Musical signature: Aloha Oe. Address: Apartado 31, Cartagena.

In sending the QRC a dozen cards for distribution among Members as "verifications," Director Roberto Ramirez of Colombia Broadcasting HJ3ABD suggests: "We take this opportunity to address you in the sense that you institute a campaign against the very many individuals who falsely report the station, for in future we are not disposed to acknowledge reports if not typewritten and perfectly definite with at least the name of three musical selections or the name of some of our advertisers." Believing that verifications would be more highly esteemed if all stations were to adopt restrictions, we applaud the act, but believe not many listeners will be able to meet this requirement. The cards received "verify" in the following terms: "Season's Greetings from Colombia!"

Sr. Alberto Pinzon Neira, Manager of Station HJU, The Voice of the Pacific at Buenaventura, writes that the official march with which programs of that station open and close is entitled "Palmira." Palmira is the name of a Colombian city.

HJ4ABC 'Ecos del Combeima' of Ibague, Tolima Department, is reported on its new frequency of 6,090 kc. Address: Apartado 39.

Sr. German Hoyos G., Manager of Emisora La Voz de Armenia 9,520 kc invites us to listen for the announcement of a special concert to be dedicated to members of the QRC, the date of which could not be fixed at the time of writing. This courteous offer is spontaneous, since the QRC never solicits the dedication of special programs, not wishing to place members under any obligation to listen at a time that might not be convenient.

### CUBA

There is a little story behind the Habana phone CLA-5 on 14.720 which may be of interest. Upon departure of the Cuban Delegates to the Peace Conference at Buenos Aires, it occurred to Dr. Nicolas de Mendoza, Director of Radio of the Cuban Secretariat of Communications, that it would be nice if a station might be constructed to keep them in contact with their families. Doubt was expressed as to whether this might be accomplished with but 200 watts power, but CLA-5 has been a "signal" success. The transmitter is an ACT-200 with directive "V" antenna supported by two metallic posts and a wooden tower 75 feet in height, bearing on Buenos Aires. Credit for its construction is due Alfonso Hernandez Cata, Superintendent of the Laboratory of Radio-Investigations, in collaboration with Hector Zayas Bazan, Inspector of Radio, whom we formerly knew as Manager of Station C.O.C.H. Contact was established through courtesy of amateur LU4BH, and duplex accomplished by relay from LU3CB who acted as receiving station. Recently CLA-5 has been heard on the West Coast in contact with Chilean friends. Incidentally the Superintendent's father is Minister Plenipotentiary of Cuba in Chile.

### CZECHOSLOVAKIA

Radiojournal of Praha thanks the members of the QRC for their interest in the experimental shortwave transmissions, adding that, as technical adjustments are still being made, listeners' reports are very helpful. No programs are yet issued as tests are being conducted on various wavelengths. Nor are any call letters used, but as soon as broadcasts are regularly begun, each frequency will have a different call of its own. The opening and closing theme is a melody from Dvorak's New World Symphony. The transmitter, one of the most powerful and modern on short-waves in Europe, was designed by the Marconi Works at Chelmsford. The power, depending on the wavelength, is graduated from 24 to 34 kw output. Frequency range is continuously variable from 13 to 100 meters and divided in four overlapping ranges. To facilitate change of frequency, the transmitter is equipped with four independent drivers, amplifying and multiplying stages of smaller power. Each set is permanently tuned to one particular frequency. The tuned circuits of the second stage are mounted on revolving tables, mechanically coupled to each other so that frequency may be quickly switched from without. High power modulation is used, permitting as much as 80 per cent at a harmonic distortion of less than 4 per

cent. Frequency characteristic is flat from 35 to 10,000 cycles per second. At present the transmitter is connected to three omnidirectional antennae constructed for three frequencies and in the near future six directive antennae will be erected. It is expected that definite hours and frequencies, each with a separate call signal, may be adopted before summer. The latest frequency in use has been 9,550 mc. Address: Radiojournal, Praha XII., Fochova Tr. 16, Czechoslovakia.

#### DOMINICAN REPUBLIC

Sr. Jaime A. Rodriguez G., owner and Director of Station HI-8A "La Fa-Doc en el Aire," 6,479 kc., states that the transmissions of his station open and close with the Mexican March "General Alvaro Obregon," interpreted by the United States Marine Band. The expression "Fa-Doc" is an abbreviation of "Fabrica Dominicana de Calzado" (Dominican Shoe Factory), formerly the owners of this station, but that is all changed now. The shortwave transmitter is an R.C.A. of 200 watts power. Address: Apartado 1912, Ciudad Trujillo.

The Management of Station HIN inform the QRC that they are no longer "The Voice of the Dominican Political Party," and that at present they are operating only on their 6,243 kc frequency. Occasionally they relay HI-9B "Broadcasting Hotel Mercedes" of Santiago City. Attention is called to their new address: Calle Arzobispo Merino No. 97, Ciudad Trujillo.

#### ECUADOR

Sr. J. Oswaldo Avila, Studios Engineer of the Government Station HCK at Quito, regrets to advise that his station no longer broadcasts, but engages only in special services.

Flash: New Ecuadoran HC2TBA reported on 9,440 kc between COCH and TGWA, announcing 9,450 kc. Location not stated.

Another unknown Fort-de-France, La Martinique, 9,440 kc.

#### GUATEMALA

Sr. Julio Caballeros h., Technical Director of T.G.S., Broadcasting Station of the Executive Mansion at Guatemala City, advises that programs close with a Military March and five strokes of a gong as station identification. The coat of arms of Guatemala bears a Quetzal, sacred bird of the Mayas, which cannot live a captive, dying as soon as imprisoned, and is therefore the symbol of liberty.

#### HOLLAND

The station ordinarily best heard on the West Coast, PCJ 15.220 mc Wednesdays at sunrise, will be closed down for alterations until the third or fourth Wednesday of February. Already one of the best, it is expected to be better still upon resuming operations. Address: Phohi Studios, Hilversum, Jan v. d. Heydenstraat 41, Holland.

#### MEXICO

Not content with the inauguration of four new stations in December, our neighbors to the immediate south have "estrenado" at least another two during the month just past. Of these the more powerful appears to be XEUZ of Mexico City, 1 kw., announcing a frequency of 6.240 kc (reported near 6,110) relaying long-

wave station XEFO Radio Nacional 5 kw 940 kc and occasionally others in a hook-up. Radio Nacional appears to be associated with the Partido Nacional Revolucionario, the manager being Deputy Demetrio Bolanos E.; the technical director, Engineer F. Javier Stavoli; and the artistic director, Leobardo Gonzalez. A feature of the program is the "Noticiero del Dia" (something of the order of our Pittsburgh News-Reeler) at 4, 8 and 11:30 p. m. EST daily. This is mentioned because introduced by sound effects such as airplane motors, steam trains, sirens, etc. Another feature is "La Hora de la Republica" dedicated to different of the Mexican free and sovereign states. Usually a portion of this program is in English. The street address is 5 de Mayo 19 y 21. Reports are requested sent Apartado 2641, Mexico, D. F.

Another station is XEBR of Hermosillo, Capital of Sonora, on an announced frequency of 11,820 kc in parallel with XEBH 830 kc. Hermosillo (H silent, and the double "l" a compound letter sounded as Y) nestles at the foot of hills near the Yaqui region south of Nogales. There are grown the world's sweetest oranges. This station is heard irregularly, but often at midday Sundays. Address: Apartado 68.

Occasionally the Voice of Veracruz, XEFT at Veracruz has been heard near its announced frequency of 9,505 kc in parallel with XETF, relaying XEB and XEBT of Mexico City, requesting that reception reports of such programs be mailed the latter.

To our information of last month on "El Pregonero del Pacifico" at Mazatlan, Sinaloa, 15,300 kc (actually 15,440) may be added the announced studio address: Av. Angel Flores 156 altos. Whether the shortwave call may be XEBM or N remains to be verified. Apprised that the station understood to announce XETU is officially listed as XECU, the Prof. would like to swear out a warrant for these stations that never use an index word. Spaniards sound C as a soft "th" but we're not accustomed to hearing that in Mexico except on the stage. T is "teh" and C is "seh" in America.

#### PANAMA

Sr. Leo Marchosky, manager of "Las Ondas del Baru." HP-5L located at David in the Province of Chiriqui, expected his station to be inaugurated early this year. Transmitter is a Marine 270-B of 350 watts power and the frequency 11.740 mc. Address: Apartado 129.

#### PERU

Quoth someone that new stations are four-star news items? Then credit "Radio Internacional" broadcasting simultaneously over "La Voz de Lima" OAX4I and OAX4J (jota), long and shortwave respectively, 1,100 and "9,520" kc—but actually near 9,320 kc. Strong signal, but noise level rather high until about two hours after sundown when reception is at its peak. Thus we welcome another station audible with program value on the West Coast, for the East has the lion's share. "Sociedad Anonima" means "Incorporation," the address being: Radio Internacional, Sociedad Anonima, Apartado 1166, Lima, El Peru, Sud America.

Radio Universal of Ica, Peru, broadcasts nightly till 11 p. m. EST under the call OAX-5B on a frequency of 11,796 kc.

Add to this a new station OAX1A at Chiclayo near 6,170 kc heard well on those rare occasions when XEXA is absent from the air before 11 p. m. "Radio Delco" has been mentioned but whether it be the title of the station or simply an advertisement is still to be determined. At 11 p. m. (Peruvian time corresponds to EST) OAX1A requests that reports be addressed Casilla 9, Chiclayo, Peru, and signs off with Ted Lewis' "Good Night Melody."

#### PORTUGAL

"Emissora Nacional" CSW of Lisbon has been reported early afternoons on a frequency of 11.840 mc broadcasting to Angola. This same frequency is often used by Prague and the two should not be confused. Usually CSW operates near 9.940 or 11.040.

In a letter dated Ponta Delgada, S. Miguel, Azores, January 5, 1937, Joao Soares Jr. advises that his station CT2AJ 4,000 kc .05 kw., is not now broadcasting. Having noticed that H. E. J. Smith, formerly manager of CT2AJ, is now operating as amateur CP1AA with headquarters in care of Standard Oil Co. of Bolivia at La Paz, we presumed that CT2AJ might not be active.

#### SIAM

Although the signal strength is not quite so great as when days were longer, HS8PJ Bangkok is still broadcasting twice weekly from 8 till 10 a. m. EST on alternate channels of 19.020 mc Mondays and 9.350 mc Thursdays. European recordings are broadcast the final quarter hour, which is the period of peak reception on the west coast. Three chimes in ascending scale are used as interval signal and, at sign-off, the announcer wishes you "good health, good luck, and a very good night from Siam." Address: Experimental Shortwave Radio Station HS8PJ, Bangkok, Siam.

#### SPAIN

Radio Club Tenerife, whose calls are EA8AB and EAJ43, has been offering three daily overseas broadcasts under the latter call on a frequency of 10.370 mc. The so-called programs are principally a rebel version of the war news. The first two sessions conclude with the playing of European National Anthems—possibly with the exception of the French, British and Russian! After a ten minute intermission at 7 p. m., a third session, directed to South and Central America, begins. This concludes with the playing of the National Anthems of the Countries of America. Address: Radio Club Tenerife, Apartado 225, Santa Cruz de Tenerife, Canarias.

Fernando Diaz Gomez, amateur EA9AH in the service of the Military Forces of Spanish Morocco, advises that he operates on the frequencies of 7,004 and 14,008 kc with a power of 200 watts. "Viva el General Franco!" voice his sentiments. "Ceuta" has been deleted, the address being: Apartado 124, Tetuan, Marruecos Espanol.

Flash: EA9AH gives rebel news in English, German, Italian, Norwegian, French and Spanish on 40 meters at 2:15 p. m. EST, and in Spanish on 20 meters at 7 and 9 p. m.

#### SWITZERLAND

A recently reported change in frequency may result in better reception of Geneva. Look for HBL on 9,345 (32.10) especially Saturday evenings near 8 p. m. EST.

**YUGOSLAVIA**

Listeners in the East are now reporting the reception of Belgrade, a 1 kw station on 6,100 kc in the late afternoon, before the channel is occupied by local stations. Address: Short Wave Radio Station, Milosa Velikog Nr. 16, Beograd, Jugoslavia.

**VENEZUELA**

By air mail, Sr. Ricardo Espina, Director of "Radio Caracas," dean of Venezuelan stations, has had the kindness to inform the QRC as follows: "For the better identification of the broadcast stations, the Ministry of Communications has divided the country into districts, the City of Caracas being within the fifth, wherefore all stations therein will carry that figure in their call letters, thusly: First the prefix YV (which, as you know, is that assigned Venezuela by the Universal Radio Convention) followed by the figure 5, indicating the station is located at Caracas, after which come the letters that identify the station, ours having been assigned YV5RA and YV5RC long and shortwave respectively, which please note." (The R, we believe, stands for "Radiodifusora" or broadcast station, while A in its stead would indicate "Aficionado" or amateur. Other new Venezuelan calls, in so far as yet ascertained, appear in the Broadcast Schedule, while the former calls on the same frequencies will be found in the F. B. Log.)

**BROADCAST SCHEDULE**

These schedules are given in Eastern Standard Time, 5 hours behind GMT or 3 hours ahead of PST. Should your local time be other than EST, it is far easier to convert your time to EST than to convert each schedule to your time. In other words, when about to use the schedules, consider the hour at that moment in New York which corresponds to the hour shown in the schedules.

If your receiver is calibrated in megacycles, the first column shows where to tune for your station, or, inversely, if you are tuned to a station and want to know which it might be, note the dial reading and refer to this column for your clue as to its identity.

The metric equivalents in the second column are given only for the benefit of any who may think in terms of meters, but should be disregarded by all whose receivers are calibrated in megacycles. The hours are arranged graphically so that at a glance you may note all the stations supposed to be on the air at a given time. And the column headed "Days" indicates which days of the week the stations operate. It will be noted that some operate only one or two days in the week and this column will remind you to look for these rarely heard stations. Generally the frequencies shown here are the assigned or announced frequencies.













BROADCAST SCHEDULE—EASTERN STANDARD TIME

Mgs. Mts	Locntion	Call												Days							
		3	4	5	6	7	8	9	10	11	12	1	2		3						
11.900 25.21	Mexico City	XE-WI								12 1/2	2							S	M	W	S
12.005 25.00	Moscow	R N E	6.7						10-11									S	W		
12.235 24.52	Reykjavik	T F J	6-7															S	M	T	T
12.500 24.39	Santiago de Chile																	S	M	T	T
13.635 22.00	Warsaw	S P W																S	M	T	T
14.915 20.11	Sofia	L Z A																S	M	T	T
15.110 19.85	Berlin	D J L	5-6 1/2						8-9	11 1/2	2 1/2	4 1/2						S	M	T	T
15.121 19.84	Vatican City	H V J	6						10 1/2									S	M	T	T
15.140 19.82	London	G S F							9									S	M	T	T
15.180 19.76	London	G S O																S	M	T	T
15.200 19.74	Berlin	D J B	3															S	M	T	T
15.210 19.72	Pittsburgh	W8-XK																S	M	T	T
15.220 19.71	Eindhoven	P C J	4 1/2						9									S	M	T	T
15.243 19.68	Paris	TPA-2	6															S	M	T	T
15.250 19.67	Boston	W1XAL																S	M	T	T
15.260 19.66	London	G S I																S	M	T	T
15.270 19.65	New York	W2-XE																S	M	T	T
15.280 19.63	Berlin	D J Q	6						8-8 1/2									S	M	T	T
15.290 19.62	Buenos Aires	L R U																S	M	T	T
15.310 19.60	London	G S P	3						5									S	M	T	T
15.320 19.58	Prague	W2XAD																S	M	T	T
15.330 19.56	Schenectady																	S	M	T	T
15.340 19.55	Berlin	D J R																S	M	T	T
15.370 19.52	Budapest	HAS-3																S	M	T	T
15.440 19.43	Mazatlan	XE-BM																S	M	T	T
17.760 16.89	Berlin	D J E																S	M	T	T
17.780 16.87	Bound Brook	W3XAL																S	M	T	T
17.790 16.86	London	G S G																S	M	T	T
19.020 15.77	Bangkok	H58PJ																S	M	T	T
21.470 13.97	London	G S H																S	M	T	T
21.520 13.94	New York	W2-XE																S	M	T	T
21.540 13.93	Pittsburgh	W8-XK																S	M	T	T

**SENSATIONAL** *New* **SCOTT "MAGIC LINK"**  
**CONQUERS "Man-Made" STATIC**



*23 Tube High Fidelity* **SCOTT Equipped**  
 with **"MAGIC LINK"** IN AMAZING DEMONSTRATION  
**PROVES QUIET FOREIGN RECEPTION**  
**NOW POSSIBLE IN BAD RECEIVING LOCATIONS**

On Wednesday, October 7, 1936, at the SCOTT Radio Laboratories, a small group of radio engineers and short wave enthusiasts were shown, for the first time, the latest development of the SCOTT Research Laboratories. They intently watched two radio sets at one end of a room—both connected to the same lead-in with a two-way switch, and both tuned in to DJB, Germany, 15.20 megacycles.

### Germany Blotted Out

Suddenly, within three feet of these receivers, a terrific barrage of interference was turned on—from a violet ray machine, vacuum cleaner and automobile ignition coil, buzzing out streams of "man-made" static! What happened? From one receiver came a deafening roar such as you would hear in a boiler factory—and the program from Germany was completely blotted out!

### Clear With "Magic Link"

The two-way switch on the antenna was then thrown to the 23-tube SCOTT equipped with

the sensational new "MAGIC LINK", the SCOTT Supershield Antenna Coupling System, and from Germany, over 4,000 miles away, the program came in as crystal clear, strong and enjoyable as a local station—all without the slightest trace of "man-made" static from the violet ray machine, vacuum cleaner and spark coil, each crashing and spluttering only three feet away from the antenna lead-in.

### Quiet Foreign Reception Now Possible for First Time in Many Locations

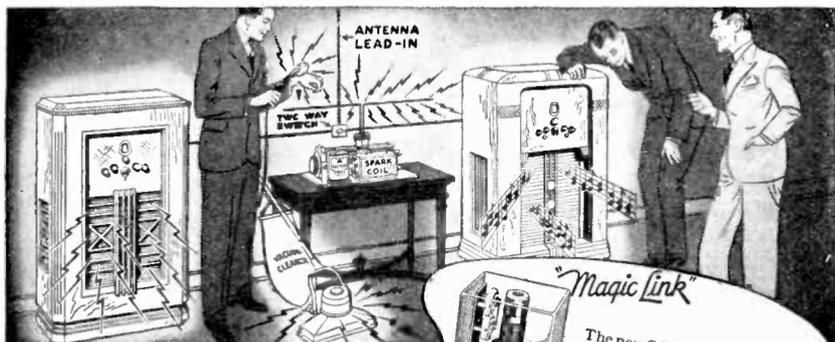
The climax of 8 years of tireless research, this sensational new development means that "man-made" static on the short waves, caused by electrical appliances and picked up on the lead-in has, for the first time, *been conquered without loss of signal strength!* Up to this time foreign reception from England, Germany, France, Italy and many other foreign stations has been spoiled for thousands of residents of apartment build-

## E. H. SCOTT RADIO LABORATORIES, INC.

Ravenswood Avenue,  
 630 Fifth Avenue, New York, N. Y.

Chicago, Illinois  
 115 N. Robertson Blvd., Los Angeles, Cal.

Builders of the World's Finest Custom-Built Radios Since 1924



**WHAT SCOTT SUPERSHIELD ANTENNA COUPLING SYSTEM ACCOMPLISHES**

1. Doubles sensitivity or distance-getting ability of antenna and receiver combination, as compared with best results with any previous noise-reducing antenna with inefficient shielded coupler.
2. Improves antenna lead-in signal to noise ratio by 100 to 1.
3. Eliminates shielded coupler switch. Switching from broadcast to short wave bands is automatic with SCOTT Supershield Antenna Coupling System.



The new SCOTT Supershield Antenna Coupling System—100 times more effective than any other "noise reducing" system in slashing away from the lead-in "man-made" static so disturbing to enjoyable, dependable foreign reception.

It is impossible to describe the sensational increase in listening pleasure which this new development now makes possible. Only by an actual *listening test* can you appreciate how much more enjoyably foreign short wave stations can now be received on the 23-tube SCOTT.

Send TODAY for complete proof — and full description of this remarkable new development that now makes possible in conjunction with the 23-tube FULL RANGE HIGH FIDELITY SCOTT Receiver, unparalleled tone, and distance performance in every continent of the globe. Discover this vast new world of radio entertainment you will never hear without a SCOTT. SEND COUPON NOW.



ings, hotels and homes by the static from electrical appliances picked up on the antenna lead-in. Now these programs can be heard clearly and quietly with the 23-tube SCOTT equipped with the new SCOTT Supershield Antenna Coupling System.

**Compare in Your Own Home**

We invite you to make a 30-day side-by-side comparison test of the SCOTT against any other receiver, regardless of price. If the SCOTT does not bring in foreign and domestic stations with more volume, greater clarity, and with finer and more natural tone, we will refund your payment price without question.

**FREE-SEND TODAY FOR DETAILS**

E. H. Scott Radio Laboratories, Inc.  
Ravenswood Ave.,  
Chicago, Ill.

Send details of unequalled D X Tone of 23-Tube SCOTT with new "Magic Link" Antenna Coupling System.

Name .....

Address .....

City ..... State .....

## MY WEALTH IS HEALTH . . .

Unless feeling tip-top, we really can't enjoy radio or anything else. It is the purpose of the Quixote Radio Club to promote radio enjoyment. Let us, then, attack the problem from every angle. Health being one angle, we are devoting this space to that subject. Having searched for truth all our lives and, having found a smattering of it, we are impelled by the natural desire to pass the good news along. Nearly every time we listen to a local program this need is impressed upon us. Apparently man's ills, real or fancied, sponsor most of the big-time programs. What with the variety of seltzers, magnesias, aspirins and pepto-whatnots, the poor fellow must be in pitiful shape. Not long ago cathartics—actually poisons—disguised as candy or gum were urged upon him. So-called tonics are mostly alcohol to make you feel good momentarily, iron in a form that destroys your teeth but cannot be absorbed into the blood, physic to clean you out and bitter to give you an appetite. All are offered as a "relief"—none as a cure. That there is a cure for poor health is the burden of our song.

To those who dine in Greek restaurants and the like, we can only extend our sympathy, but for all who select and prepare their own food, we hold that health is within reach. Our conclusions may not be entirely correct for (as Will would not have said) all we know is what we have assimilated from desultory perusal of informative literature—which is another way of saying that anyone who chooses may differ with our opinion. Some time ago we regarded dieting as a fad and our palate as the best judge of what we should eat. Later we modified our views to include as good for us only those things that seemed to agree. Now we find that, while not all things pleasing to the taste are beneficial, those things that are good for us are delicious. For proving that distasteful things such as boiled spinach and vinegar are actually injurious, we may be voted a medal!

If we stop to analyze the operation we must realize that medicines do little more than stimulate. Excepting in an emergency, nourishment is the better stimulant. Medicine can do no more than help nature's process for it is nature alone that heals. And the material employed by nature in building your body is derived from food. Lacking any one of a dozen essential organic minerals or four vitamins, we die. Of these, some are destroyed or injured by high temperature; others dissolved in water; and still others oxidize rapidly if exposed to the air while cooking. That means the usual method of cook-

ing by frying, boiling or baking at high temperature destroys the very minerals essential to our health. We boil the daylight—including the flavor—out of food and then, to the worthless pulp, must add seasoning which is actually harmful. It's a wonder that we're not all invalids!

While the meal is in preparation, "How good it smells!" you may say. Indeed for the food's health-giving properties are "going up in vapor." Retain these and you retain the flavor, far more pleasing to the taste than any seasoning which might be added. Spices and sauces are needed to stimulate the palate only when food is reduced to a tasteless pulp. Fresh vegetables are already full of water and can absorb no more. To boil them is only to dissolve and drain them of their mineral content. Boil sugar in water and note how much escapes in vapor. The best of all food is lost in boiling—unless it be an egg! The point we wish to make is that when your taste cries out for seasoning, it is telling you the minerals your body needs have been destroyed in cooking.

#### CASTELLANO

Spanish is supposed to be an easy language to learn. As languages go, it is easy; but, after maturity, learning your first foreign tongue is never easy. Once you've learned two languages, however, others are not so hard. Spanish is easy in two respects: with the possible exception of the rolling of the rr, it has no sound not to be found in English; and you can learn without a teacher because the words are pronounced exactly as they are spelled. But you'll never make any real progress until you dismiss all fear of committing a grammatical error. Go ahead and talk. Let listeners laugh at your mistakes. This will help you to learn quickly for each error will then be indelibly impressed upon your memory. But before attempting to pronounce words, you should learn the sound of their component parts; that is, the division of syllables. Even the most difficult appearing word will become easy if first you divide it in syllables, pronouncing each slowly and evenly until the whole rolls off your tongue.

Unless a radio announcer uses an index word, a knowledge of the language does not always enable you to catch the call. Many letters sound much alike. The listener will have better luck if he listens for the title of the station. However, we shall here dwell upon the elements of the language which seldom receive the attention they should. Most students skip these in their eagerness to get ahead, with the result that their

progress is later retarded. Master your fundamentals and the rest will be easier.

Let us now learn the vowel sounds. These are A, E, I, O, U and sometimes Y, which is the same as I. Each has a single sound. When in school you were taught them when you learned the musical scale: do, re, mi, fa, sol, la, ti, do! They are still the same. A is always broad as in "alarm"; E is always short as in "met"; I is always "ee" as in "police"; O is always as in "solo"; U is always as in "Lulu." The equivalent of the English "I" of which we so often hear, is formed in Spanish by a union of the vowel sounds AI or AY (ah-ee). Sound them slowly; then repeat them rapidly and observe the result. Note that we have said the sounds are ALWAYS the same. Rules that have no exception are few. Guard them well for they are precious. For the moment we shall discuss but one consonant, the easiest of all to pronounce for it is *always* silent. That consonant is H. You have learned that Spanish AI or AY is pronounced as I (eye). H being wholly, completely and utterly silent, *ahi* or *hay* is likewise I (eye). Hoy—the H still silent—rhymes with "boy." Hoy means today, and that is all for hoy.

## STATION DATA

### ANGOLA

CR6AA Lobito, Angola, Portuguese West Africa, 1 kw input 9.660. Owned by Manica Trading Co., Ltd., General Agents for Eddystone Radio Products. Caixa Postal 118.

### ARGENTINA

LRU Radio El Mundo, Buenos Aires, 5 kw 15.290—LRX 5 kw 9.660—Relay LR-uno 50 kw 1.070 kc. Interval signal: 4 vibrophone notes. Musical signature, a special composition without title by Maestro Alberto Castellanos. Owners: Editorial Haynes, Ltd., publishers of El Mundo (illustrated daily), El Hogar and Mundo Argentino (weeklies). Address: Calle Maipu, 555.

LSX "Transradio Internacional," Buenos Aires (Monte Grande) 20 kw 10.350 (s) San Lorenzo march. Normally a commercial station. Compania Radiotelegrafica Argentina, S. A., San Martin 329, Buenos Aires.

### AUSTRALIA

VK2ME The Voice of Australia, Sydney (Pennant Hills), N. S. W., 20 kw 9.590. Announcer: P. M. Farmer. Interval signal: Laughter of Australian Kookaburra or Laughing Jackass Owners: Amalgamated Wireless (Australasia) Limited. Verifications: J. M. Brooker, Broadcasting Department, "Wireless House," 47 York Street, P. O. Box 1272L, Melbourne, C. 1.

VK3LR Melbourne (Lyndhurst) Victoria, 1 kw 9.580. Radiating the programmes of the Australian Broadcasting Commission. Government owned. Address: Postmaster-General's Department, Treasury Gardens, Melbourne, C.2.

VK3ME Melbourne (Braybrook) Victoria 1.5 kw 9.510. Announcer: C. T. Sproule. Owners: Amalgamated Wireless (Australasia) Ltd., "Wireless House," 167-9 Queen Street, P. O. Box 1272L, Melbourne, C.1.

#### AUSTRIA

OER-2 Radio Wien, Wien (Vienna) 1.5 kw 11.801. Owners: Oesterr. Radioverkehrs A. G., Wien 1, Johannesgasse 4b, Osterreich.

#### BELGIUM

ORK Radio Ruysselede, West Flanders 9 kw 10.330. Announcement: "Ici Bruxelles I. N. R. Emission speciale pour le Congo par la station de Ruysselede ORK 29 m 04." Languages: French and Flemish. Government owned. Regie des Telegraphes et des Telephones, Direction des Radiocommunications, Bruxelles.

#### BRAZIL

PRF-5 Rio de Janeiro (Marapicu) 60 kw 9.501. Companhia Radio Internacional do Brasil, Caixa Postal 709.

#### BRITISH GUIANA

VP3BG Georgetown (Demerara) 6.130. J. L. Kerr, 1 Wellington St.

VP3MR The Voice of Guiana, Georgetown 150 w 6.010 (s) God Save the King. The British Guiana Broadcasting Coy. (E. G. Fenty, Proprietor) Luckies' Chambers, Georgetown, British Guiana.

#### BULGARIA

LZA Sofia 1.5 w 14.970. Relays Radio Sofia. Interval signal: Opening bars of a "ratchenitza," a folk dance. Government owned. P. Thodoroff, Director-General Radio Sofia, Moskovska rue, 19, Sofia.

#### CANADA

CFCX Montreal, P. Q. (ex VE9DR) 6.005. Relays CFCF. "Power output is in excess of 75 watts." M. J. Humphreys, Mgr., Canadian Marconi Co., Box 1690.

CJR0 Winnipeg, Man. (ex VE9CL) 2 kw input, 6.150—CJRX (ex VE9JR) 2 kw input, 11.720. H. R. McLaughlin, Mgr. of Radio Division, James Richardson & Sons, Ltd., 157 Royal Alexandra Hotel, Winnipeg.

CRCX Toronto, Ontario 500 w 6.090. F. J. Garrod, Chief Engineer, Canadian Radio Broadcasting Commission, 805 Davenport Road. Won't verify.

VE9BK Vancouver, B. C. 4.795. A. M. Jagoe, Mgr., Radio Sales Service, Ltd., 780 Beatty Street.

VE9CA Calgary (Strathmore) Alta. 6.030. Relays CFCN. The Voice of the Prairies, Limited, Toronto General Trusts Building, Calgary, Alta.

VE9CS Vancouver, B. C. 6.070. Relays CKCF 1410 kc. Standard Broadcasting System, Ltd., 1001-1004 Stock Exchange Building, Vancouver.

VE9DN Drummondville (Montreal) P. Q. 6 kw input 6.005. Relays "Northern Messenger" program in winter. Owners: Canadian Marconi Co., 211 St. Sacramento St., Montreal, P. Q. Veri-

fications: Canadian Radio Broadcasting Commission, King's Hall Building, 1231 St. Catherine Street W., Montreal, P. Q.  
VE9HX Halifax, N. S. 200 w 6.130. Relays CHNS. The Maritime Broadcasting Company Limited, P. O. Box 998.

#### CHILE

CB960 Radio Difusora Pilot, Santiago 9.600 (s) Rhapsody in Blue by Gershwin. Transmitter at San Jose 475. Godoy, Humeres y Rocuant (Office) Compania 1288 No. 5, 3d floor, Casilla 1342, Santiago, Chile.

CEC Santiago 2 kw 10.670. Normally a commercial station. John T. Quinn, Central Manager; F. Alvarez L., Chief Radio Operator; Cia. Internacional de Radio, S. A., Casilla 16-D.

"Radio Service." Santiago 12.300 (s) Washington Post March. Baraz & Co., Banderas 166. (Spelling of proper names not verified.) Casilla 761.

#### CHINA

XGOX Nanking 500 w 6.820. Relays XGOA. Time signal 7 a. m. P. F. Woo, Director. Central Broadcasting Administration, Central Executive Committee of Kuomintang, Nanking, China

ZBW-3 Hongkong 2.5 kw 9.525. Occasionally rebroadcasts Daventry and relays XQHC Shanghai. Transmitter Marconi Type SWB8. Hongkong time 8 hours ahead of G.M.T. Hongkong Broadcasting Committee, Box 200.

#### COLOMBIA

HJ1ABB La Voz de Barranquilla, Barranquilla 6.128 & 9.560. Relays HJ1ABA. (s) "La Golondrina" (The Swallow) organ solo. Elias J. Pellet B., Owner and Operator, Apartado 715.

HJ1ABE La Voz de los Laboratorios Fuentes, Cartagena 1 kw 9.500. Relays "El Progreso Cartagenero." (s) "Relator," march. Dx programs (s) "Aloha Oe," organ. Antonio Fuentes L., Manager. Alberto Basmagi, Announcer. Apartado 31.

HJ1ABG Emisora Atlantico, Barranquilla 6,042.5 & 9.583. Andres G. Jimeno, Owner. Apartado Nacional No. 674.

HJ1ABJ La Voz de Santa Marta, Santa Marta 1.5 kw 6.025 & 9.520. Julio A. Sanchez T., Owner.

HJ1ABP Radio Cartagena, Cartagena 1 kw 9.600. Relays HJ1ABR R. Lequerica, Manager Radiodifusora Cartagena, S. A. Apartado 37.

HJ2ABC La Voz de Cucuta 9.575. J. Alejandro Sanchez C., Director. Pompilio Sanchez C., Owner.

HJ2ABD Radio Bucaramanga, Bucaramanga 670 k 5.980 & 9.580. (Recently changed hands.)

HJ3ABD Colombia Broadcasting, Bogota 6.050. Relays HJ3ABD 1110 kc. Roberto Ramirez, Manager. Colombia Broadcasting, S. A., Owner. Street address: Carrera 7a, No. 21-14. Apartado 509.

HJ3ABF La Voz de Bogota, Bogota (ex HKF) 6.070. Interval signal: 6 chimes. Uribe & Moreno, Owners; Edificio Lievano No. 301, Apartado 312.

HJ3ABH La Voz de la Victor, Bogota 1 kw 6.012 (s) Russian Lullaby, organ solo by Jesse Crawford. J. Garcia, Mgr. Manuel

J. Gaitan, Owner. Office: Edificio Lievano No. 112. Apartado 565.

HJ3ABX La Voz de Colombia, Bogota 6.122. Dr. Rios Hoyos, Mgr. Cesar Estevez, Technician. Apartado 26-65.

HJ4ABB Radio Manizales, Manizales 6.110. Apartado 175.

HJ4ABC Ecos del Combeima, Ibague 6.090. Transmitter installed in Tolima Conservatory Building. Lamus & Rivera, Owners. Mario M. Barrios, Managing Partner. Apartado 39.

HJ4ABD La Voz Catia (Sobre el Valle del Aburra), Medellin 6.138 (s) William Tell Overture, Part IV. Equipment, studios and offices in City Hall. Luis Emiro Mejia, Managing Director.

HJ4ABE La Voz de Antioquia, Medellin, Department of Antioquia (ex HKO) 1 kw 6,097 (s) "Dos de Abril," march. Relays HJ4ABK 1250 kc. Luis Ramos, Manager. Cia. Radiodifusora de Medellin, Owner. Pasajes Bolivar piso 2.

HJ4ABH La Voz de Armenia, Armenia 1 kw 9.520 (s) Indian Love Call from Rose Marie. German Hoyos G., Mgr. Hoyos, Gutierrez & Aristizabal, Owners.

HJ4ABP Radio Philco, Medellin 1 kw 6.030. Relays HJ4ABQ 1320 kc.

HJ4ABP La Voz de Pereira, Pereira, Caldas 6.150. Cesar & Mario Arango Mejia, Owners.

HJ5ABD La Voz del Valle, Cali, Valle 6.085 & 9.540. Eduardo Cordoba V., Manager. Miguel A. Rivas, Chief Engineer.

HJN Radiodifusora Nacional, Bogota 5.950 & 6.060. Government station under the direction of Ministry of Education.

HJU La Voz del Pacifico, Buenaventura 1 kw 9510. (s) "Palмира," march. Alberto Pinzon Neira, Station Manager. Pacific Railway, Owner.

## COSTA RICA

TI-4NRH Heredia 100 k 9.670. Amando Cespedes Marin, Engineer and Director; Amando Cespedes junior, Operator; Lidylia Cespedes Arias, Secretary. Apartado 40.

TI-5HH La Voz de San Ramon, San Ramon 200 w 5.500. R. Herrera O., Manager. Herrera Hermanos (Herrera Brothers) Owners.

TI-8WS Ecos del Pacifico, Puntarenas 120 w 7.550. Abel Salazar F., Owner. Apartado 75.

TI-EP La Voz del Istmo, San Jose 500 w 6.690. (s) "We do part." Eduardo Pinto Hernandez, Owner. Apartado 257.

TI-GPH Estacion Alma Tica (Costa Rican Spirit) San Jose 1 kw 5.830. Relays TIGPH Alma Tica 650 kc., Estacion X (TIX) La Reina del Aire, 800 kc., and TIVCA La Voz de Centro-america 1225 kc. Luis Cordero Castro, Manager. Gonzalo Pinto Hernandez, Owner. Apartado 800.

TI-OW Limon 6.850. O. F. Wimmer, TI-60W, Operator.

TI-PG La Voz de la Victor, San Jose, 1 kw 6.410 & 9.550 (s) March of the Wooden Soldiers. Perry Girton, Owner. Ap. 225.

TI-RCC Radioemisora Catolica Costarricense, San Jose 500 w 6.550. Rev. Monsenor Dr. Carlos Borge C., Director. Ap. 1064.

## CUBA

CO-9JQ Camaguey 150 w 8.665. Relays CMJA. Rafael Gri-many Varona, Owner, Calle del Gral. Gomez No. 4, Apartado 64.

CO-CD La Voz del Aire, Habana (Vedado) 250 w 6.130. Re-lays CMCD. J. Benitez, Manager, Hotel Palace, Calle 25 y G., Vedado, Apartado 2,294.

CO-CH Habana (Vedado) 750 w 9.428. Relays CMBC. Inter-val signal: 2 strokes of a gong. (s) "Maria la O" (Maria My Own) by Ernesto Lecuona, organ. Dr. A. Zayas Bazan, Manager. Gen-eral Electric Company of Cuba, Owner; Calle "B" No. 2, Vedado, Apartado 41, Habana.

CO-CO Habana 6.010. Ernesto Casas, Announcer; Luis Casas, Jr., Engineer. Apartado 98.

CO-CQ De la RCA-Victor, Habana 9.750. Relays CMQ 880 kc de "La Casa de las Medias" y los cigarros "Competidora Gaditana." (s) Siboney. Angel Cambo, Director; Miguel Gabriel, Manager. Alberto Fernandez and M. Fernandez Morales, Operators. Calle 25 No. 445, entre 6 y 8. Vedado.

CO-CX La Voz del Radio Philco, Habana 2 kw 11.435. Relays CMX 920 kc de la Casa "Lavin." Francisco A. Lavin, Manager. Edificio "Calle," Oficinas y Obrapia, Apartado 32, Habana.

CO-HB Sancti-Spiritus (ex CO-9WR) Relays CMHB 1240 kc. Vicente Weiss Arias, Manager; Ortelio Ramirez e Isla and Santi-ago Madrigal Peralta, Technicians; Adolfo Rubio Edilla, An-nouncer. Weiss, Ramirez & Madrigal, Owners; Independencia No. 33, Apartado Postal 85.

CO-KG Santiago de Cuba (Loma de Quintero) 2.4 kw 6.200. Relays CMKG. Slogan: "Ask for Bacardi." Emilio Grau Medina, Manager; Manuel Grau Medina, Technician. Apartado 137.

## CZECHOSLOVAKIA

Radiojournal, Prague (Praha) 24.34 kw. Calls to be assigned when frequencies regularly adopted. (s) Melody from Dvorak's New World Symphony. Ceskoslovenske Zpravodajstvi Radiotele-phonice, Spol. S.R.O., Praha XII., Fochova Tr. 16, Czechoslovakia.

## CLUB NOTES

It is urged that Members demonstrate the buying power of the Club, when dealing with any manufacturers of radio equipment, by stating that the article you are interested in pur-chasing was recommended by the QRC and requesting any dis-counts to which you may be entitled as a Member. Whether or not you are conceded a discount, you will have boosted our stock with the manufacturer and that will be a step toward ex-panding this magazine and its helpfulness to you.

It is not the policy of the QRC to disclose the address of any Member without permission, but we are ready and willing to assist any Member in making the acquaintance of others in his vicinity by publishing his phone number. In some places, Members have found it very agreeable to extend their circle

of friendship by meeting monthly at the home of one another in rotation. Members of Rochester, N. Y., may contact QRC 496 Rudolph Bossert by calling Main 6030. Members in either Philadelphia or Boston areas will be placed in touch with others there, if they so desire.

QRC 326 Robert R. Irwin, President of the World Wide Dial Club of Chicago, proposes a get-together meeting of all shortwave listeners in the Chicago area, regardless of affiliations. Details will be announced when the plan is mature, or may be obtained by addressing him at 918 West Lafayette Parkway.

To promote the newsstand sale of the REPORTER, the price is now 10 cents per copy. Previously it was priced higher as an inducement to subscribe, but the desire to be sure of receiving it regularly and of being privileged to participate as a Member in Club activities should supply this inducement.

#### ILLUSTRATED STATION LIST

Stations using voice or music are shown in CAPITAL LETTERS. Telegraph stations, as frequency "markers," are shown in small letters. The figures indicate frequency in channels of 10 kilocycles, or the exact spot on the dial of your receiver at which the stations should be heard. The frequencies shown are accurate and may be relied upon implicitly for the calibration of receivers.

It is planned to divide this Log into three sections of seven pages each and publish them serially. While the complete revision cannot be accomplished monthly, portions of the Log are constantly under revision. Some of the smaller stations might be described as volatile; like butterflies, they flit from frequency to frequency. It is futile to attempt a record of their vagaries for tomorrow they may not be where today they are, or, if we pursue them it may be only to find that they have returned to their previous channel. As this Log is an engraving and engravings are not sufficiently flexible for showing rapid minor changes, it is proposed in future to list stations that lack stability once only, letting them fall where they may. As a penalty for being off-frequency is forfeiture of license, we do not favor incurring the stations' displeasure for the sake of a few kilocycles. If our memory does not deceive us, when the creation was viewed as perfect there were neither frequency checkers nor frequencies to be checked. In any event, the information here shown has been taken from the air—the only reliable source.















## POSTAGE SAVED

(Continuation from Inside Cover.)

report direct to the station. Nor is this Plan a contest, but cooperative effort with awards for everyone earning them. In contests, winners are few and losers many. Here no one is loser! In order that sufficient reports to warrant forwarding to a single address shall be accumulated, it is required that reports be on the reception of shortwave BROADCAST stations only, and not point-to-point relays, commercial telephone circuits, special services nor amateurs. By "broadcast" is meant a transmission intended for general reception and not for some particular point. Broadcast stations usually ask for reports, while others, as a rule, do not.

The popularity of this Plan is proven by the fact that it has already yielded more than 33,000 reports. The listener may tune when, as and if he pleases, but at least an hour should elapse before again logging the same station. If you already know the identity of the station, having heard its call on a previous occasion, there is no need to await the call on subsequent occasions. A single definite item such as the name of a musical selection, an advertised product or any part of an announcement is a sufficient log. If the language of the station is other than English, the briefer the log, the better. That a stream of fresh reports may be kept flowing continually to the stations, listeners should send in each week whatever reports they may have compiled, without waiting until any single station shall have been logged ten times.

### VERIFICATIONS GUARANTEED

The verification of any Connoisseur Report will be requested by the QRC for the Member upon deposit of 6 cents. All that is necessary is to mark it with a "v" in the left-hand margin, and list it in a covering note to the QRC. No letters have to be written the stations, for this is done for you by the QRC. For accounting purposes, the stations are requested to send all verifications via the QRC to be re-forwarded. Of the deposit, 5 cents is for a copy of our advance mimeo bulletin offered the stations in exchange for verifications, and the balance of 1 cent is for re-forwarding the veri. Should no verification be forthcoming, no bulletin is sent, the deposit being refunded the Member. This is our guarantee and it protects the Member from loss such as might occur if Reply Coupons were to accompany reports.

### CLUB STATIONERY

QRC Stationery for the use of Members, being Hammermill Bond printed in a green that should warm the heart of the Irish, is available in lots of 50 sheets at 31 cents, post-paid. This is the only quantity that may be mailed economically. Orders are dispatched immediately!

S



*F.P.*

10 CENTS

MARCH

# SHORT WAVE REPORTER



BROADCAST SCHEDULES  
—STAMP COLLECTORS' CONTEST—  
TELEGRAPH FREQUENCY MARKERS  
NEW STATIONS AND STATION NEWS



## ORCHIDS

I have received several club bulletins, but I like the Quixote best. As I read code, and my set is rather inaccurate to read, your log is very helpful.—Robert Park QRC 571 British Columbia.

I like each issue of the monthly more and more.—Robert L. Weber QRC 163 Illinois.

Your REPORTER is the only book that I can consider worth the purchase price in actual useful information.—Clifford E. Scranton QRC 538 Connecticut.

You certainly have shown yourself to be a real true and helpful friend, especially to a new member and I certainly do appreciate all the tips and other help you have given.—Sgt. A. W. Brummond QRC 562 Utah.

I think this stamp idea supreme. Am an ardent stamp collector and imagine there are quite a number of other Quixotistas who also are.—Richard L. Bullard QRC 100 California.

Speaking of stamps, I dabble a little bit in this fascinating hobby of philately and am always on the lookout for new issues.—J. Herbert Hyde QRC 227 Connecticut.

The latest QRC meeting was most successful even though weather permitted but a small attendance. Held January 31 at the home of Bob Partridge QRC 373 New Jersey, those present being Bill Hughes QRC 182, Don Wright QRC 407, Jimmie Shoch QRC 583, Charlie Bilharz QRC 558, Carl (Jeep) Weber QRC 277, our host and myself.—John G. McConomy QRC 290 Pennsylvania.

Please let me know if anyone subscribed to the REPORTER thru me. If so, give me their names, so I can go after the others again.—Chas. B. Lamm QRC 278 Pennsylvania.

Really must congratulate you on the REPORTER this month . . . you seem to have scooped those Peruvians and Mexicans and it is a very nice job.—Lewis F. Miller QRC 384 Missouri.

Keep up the good work on the monthly. It's truly a fine magazine.—Norman Schultz QRC 389 Washington.

The magazine is excellent. A better distribution of features.—Donald Adams QRC 329 Washington.

A "vote" is cast for the stamp idea. Make my third "map" an assortment of the stamps.—Merton T. Meade QRC 218 Missouri.

Received the February REPORTER today with the 20 extras. Will get them in circulation and report back.—Bob Irwin QRC 326 Illinois.

Getting better each issue.—Paul W. Dilg QRC 167 Illinois.

Hi Ho, Everybody. A voice from the Dust Bowl. The February REPORTER received today. It is truly a fine sheet, better than any monthly on the market.—G. H. Millican QRC 233 Texas.

Received 13 German cards a few days ago from CSWR reports, including DJR, DJQ, DJD, DJB. Also, don't forget to give HVJ credit for thet veri received direct.—Roger Legge, Jr., QRC 286 Pennsylvania.

Am thinking of exchanging my Philco 116-B for a Patterson PR-16 or other communications receiver. Please let me have your personal opinion of the Patterson, either the PR-16 or 12.—Jose Rodriguez QRC 303 Cuba.

# Short Wave Reporter



## HEAR AFRICA!

You'll not hear natives beating tom toms, but, for all that, the thrill will not be lacking. Instead you'll hear popular Euro-pean dance and instrumental music with deep-voiced announce-ments in Portuguese and the King's English for the broadcast originates in that distant colony of Mozambique, Portuguese East Africa. This station has attracted our attention for sev-eral weeks, but we did not trust our ears until the dawn of a clear day when a mystery was explained. Mention of a lower frequency than that to which we were tuned had previously caused us to suspect we were listening to some sort of har-monic, but it develops that an entirely new station is broad-casting in parallel with the lower frequency.

So, at sunrise or later, be sure to tune for station CR7BA Lourenco Marques, near 11.715 mc—thought to announce 11.780 in parallel with CR7AA 6.137. The latter has not been tuned for but probably isn't audible in America—especially after daybreak. The complete schedule is not yet known, nor do we know how early they begin, but promptly at 11 a. m. EST every morning (excepting possibly Sundays) they leave the air with a cheerful "Good afternoon, everybody," followed by a snappy march with great activity on the part of the tuba player.

On the low frequency fringe of CR7BA near 11.710, an unidentified Russian broadcaster holds forth till about 10:30 a. m., with a man and woman alternately discoursing for brief periods—a minute or less—and at one point of the program a bugle call is sounded. This is mentioned only that you may not mistake the station. The frequencies mentioned are ap-proximate.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by Quixote Radio Club, Box 772, Santa Barbara, California.  
10 cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1937 by E. J. Shields, Chots.  
Advertising accepted of reputable firms only. Rates on application.

The Sunday broadcast is heard on the west coast, opening at 10 a. m. and until closing at 12:30 p. m. EST, with peak reception at an hour after sunrise, tapering off until the final half hour when announcements are but partially intelligible. Transmissions open and close with the musical signature mentioned. No interval signal is heard. Announcements Sundays are by a man and a woman, the latter being in English, causing us to think at first that it was Prague. Week-days the announcements are by a man alone, in Portuguese, French, English and possibly other languages.

Sundays at 10:45 a. m. EST the Johnson & Johnson program is heard introduced by the theme "Parade of the Wooden Soldiers." A competition is announced with a first prize of three Pounds Sterling, but whether or not you enter the competition, all who send a card to Post Office Box 1409, Johannesburg, are offered a prize money-box and free samples of J. & J. baby powder! At the conclusion of this program the lady advises that, to enter, "just write the last line to rhyme with 'Good bye, Everybody, from Johnson & Johnson, manufacturers of good tooth-paste.'" At 11 a. m. the General Electric program follows with another contest—apparently that of guessing the titles of the musical selections. These are also to be sent Box 1409 "before Saturday." At 11:45 a. m., "Until next Sunday, au revoir from General Electric," and the musical program continues.

As an indication of the exact frequency, at 11 a. m. CR7BA was momentarily blotted out by Radio-Coloniale 11.713 opening with La Marseillaise—apparently a mistake for this transmitter was quickly retired from the air. The Russian mentioned does not operate regularly, but a vexatious automatic code wheel seems eternally present on CR7BA's low frequency fringe.

#### ARGENTINA

For fine dance music and singing, our vote continues to favor LRX Buenos Aires 9.660 who now relays Saturday nights direct from the dance floor of the Coliseo (our error if the name is incorrect) where the party "breaks up" at 2:30 a. m. Sunday morning. Several act as announcers, with a bit of comedy between selections, and appear also to be the vocal artists with most pleasing voices. The feminine element is also well represented both in English and in Spanish. On this program there is no advertising other than an occasional suggestion to use "Geniol," whatever that may be. As there are no "big time" programs to be heard locally on the west coast during the later hours, the entertainment offered by LRX easily surpasses in excellence anything audible here.

**CHILE**

Reference to a trade directory reveals that the Santiago station on 12.300 mc apparently styling itself "Radio Service," although the final syllable is not clearly enunciated, is operated by the firm of Demaras & Co., at Bandera 176 (ciento setenta y seis). Our guess from the announcement was "la firma de Baraz & Co., en Banderas ciento sesenta y seis (166)." Two months ago we appealed to any member who might have access to such a directory to supply this information, and are now pleased to pass it on. The correct postal address is as formerly stated: Casilla 761, Santiago. From the Argentine comes word that this is CB615 broadcasting on 25 meters, so it is to be assumed a new call such as CB1230 may be in order, but none is announced. On several occasions they have returned to the air later in the evening with a special relay of the Radiodifusora del Diario Ilustrado (Illustrated Daily).

The American Consul-General at Santiago has advised a QRC Member that, upon inquiry of the Bureau of Electrical Services (Direccion General de Servicios Electricos, Casilla 127-D, Santiago), he is informed this station belongs to Sr. don Luis Desmaras of Camelias 2860, the name being "Radio Service," normally operating on 6,150 kc under the call CB-615, but authorized to test on double that frequency pending the definite assignment of a channel within the 25 meter band. A third guess as to the correct spelling of the owner's name is "Desmaras."

**CHINA**

In point of time, Hong Kong is 8 hours ahead of GMT, while the Pacific Coast is 8 hours behind GMT. According to our best arithmetic there is a similar difference of 8 hours between the Pacific Coast and Hong Kong. Both are equally distant from London, yet the best reception of London on the Pacific is undeniably when relayed by Hong Kong at 7 a. m. EST—a trifle early, 'tis true! North and south, along the line that divides night from day, has long been regarded as the most favored direction of radio waves. Can it be that they likewise favor traveling contrary to the motion of the earth, that is, from west to east? Undoubtedly Hong Kong enjoys better reception of London, judging from the clarity of their relay, than do we on the Pacific Coast.

XGOX Nanking 6.848 has either increased power or the improved signal may indicate what a difference the interference of a few telegraph stations makes. The carrier has a slight growl, however, and there is some distortion presumably due to over-modulation. Distorted Chinese melodies may not charm the savage Occidental.

**COLOMBIA**

The Management of Emisora Philco HJ4BP Medellin 6.030 and HJ4BQ 1320 kc advise that the official march of their station is the "Marcha de los Soldaditos de Madera" (March of the Diminutive Soldiers of Wood, otherwise known as the Parade of the Wooden Soldiers). It is noted that the power of this station has been increased from 1,000 to 2,500 watts in the antenna. This should afford very good reception, barring interference.

**COSTA RICA**

Sr. don Amando Cespedes Marin of TI-4NRH has raised the ante and now wants 10 cents in coin or stamps for each verification. Furthermore, he wants not a log of the musical selections broadcast,

but of his announcements or remarks, or a description of the interval signal used on that particular occasion. Liars abound, says he. We are inclined to think those who report perfect reception of this station the biggest liars, but, be that as it may, since don Amando will not play ball, we can only place an asterisk against his station as one which will not verify under the Connoisseur Plan.

### CZECHOSLOVAKIA

In a letter dated Prague, February 4, Radiojournal advises the QRC as follows: "We would be very obliged to you if you would inform your members that our short wave station has special transmissions for American listeners every Monday and Thursday evening. Beginning February 4, these transmissions will take place from 7 to 10 p. m. EST (instead of 7 to 9 p. m.) on wavelength 31.41 (9.550 kcs). We are especially interested to know the quality of reception from 9 to 10 p. m. EST. These test transmissions will be made only during this month. We are enclosing a list of our call letters and our station signal. Under separate cover we are mailing to you Czechoslovak stamps for the benefit of your members. Thanking you for your kind cooperation in this matter, we are, Yours very truly, (s) RADIOJOURNAL."

The station signal is a musical scale which we cannot here reproduce, consisting of the first nine notes of the New World Symphony by Antonin Dvorak. The assigned frequencies follow, only certain of them being used alternately during these preliminary tests:

6.010	49.92	Prague, Czechoslovakia	OLR2A
6.030	49.75	Prague, Czechoslovakia	OLR2B
6.115	49.06	Prague, Czechoslovakia	OLR2C
9.504	31.57	Prague, Czechoslovakia	OLR3B
9.550	31.41	Prague, Czechoslovakia	OLR3A
11.760	25.51	Prague, Czechoslovakia	OLR4B
11.840	25.34	Prague, Czechoslovakia	OLR4A
11.875	25.26	Prague, Czechoslovakia	OLR4C
11.900	25.21	Prague, Czechoslovakia	OLR4D
15.160	19.79	Prague, Czechoslovakia	OLR5C
15.230	19.70	Prague, Czechoslovakia	OLR5A
15.320	19.58	Prague, Czechoslovakia	OLR5B
21.450	13.99	Prague, Czechoslovakia	OLR6A

### DOMINICAN REPUBLIC

Sr. Rafael A. Peralta, Manager, advises that programs of HI-5N Santiago de los Caballeros 6.150 conclude with the rendition by the Sttaion Orchestra of the waltz "A Night of Love." In this musical signature there would seem to be some suggestion of romance!

### ECUADOR

Prevailing opinion seems to be that the call of the new station in Guayaquil is HC2EBA, usually operating on 9.445 from 8 till 9 p. m.

### FIJI ISLANDS

Radio Suva still uses the old call VPD-2, but not at the old stand. Present frequency is announced as 8,719 kc. Modulation is well below maximum, hence very clear but not especially strong. Noise which we judge to be static is present, but maybe the old set is breaking down under the strain of necessarily increased amplification.

**GERMANY**

In March, the evening broadcasts from Berlin will be heard over stations operating on the 15 megacycle band. This should interest experts of the American Buforcom who, in their Guide to Listeners, state that broadcasts are seldom audible on these frequencies after nightfall.

German Ship Stations: DOCL S.S. Berlin; DOAH S.S. Bremen; DHDL S.S. Cap Arcona; DHEY S.S. Deutschland; DOAI S.S. Europa; DHJZ S.S. Hamburg; DHAO S.S. Hansa; DHRL S.S. New York; DHSB S.S. Oceana; DHTV S.S. Reliance. German Ship Frequencies: 4,050, 4,285, 8,470, 11,140, 12,325, 12,600, 16,665.

**GREAT BRITAIN**

Under date of 11th January, 1937, the Engineering Division of The British Broadcasting Corporation writes: "We thank you for your letter of December 4th and also for your kindness in sending us a large number of reports on reception of the Empire Station, and we wonder whether you would be kind enough to thank the individual members of the Club for these reports and say that we do appreciate them. You will no doubt have noticed that on December 30th we introduced our 6 Mc/s frequencies, GSA 6.05 Mc/s in Transmission 5 and GSL, 6.11 Mc/s in Transmission 6, as it was felt that with the drop in ionisation conditions during the late night in this country there was a danger of the higher frequencies, GSC and GSD, failing completely. We appreciate that there is liable to be a certain amount of interference to GSA and GSL from various South American stations, but we think that even under these circumstances the programme value of the relatively low frequencies is likely to be higher than that of the higher frequencies when these are failing through lack of bending in the ionosphere. We would again like to thank you for your kindness in sending us these reports."

Further, under date of 25th January, 1937, the QRC is in the receipt of the following: "Thank you for your letter of December 31st and for the enclosed reception reports from Club members. From our observations in this country it would appear that there has been a noticeable increase in solar activity during the past few days with a consequent improvement in propagation conditions. As a result of this improvement we shall introduce the 11 Mc/s frequency GSD 11.75 Mc/s into Transmissions 5 and 6 in place of the 6 Mc/s frequencies GSA 6.05 Mc/s and GSL 6.11 Mc/s. We shall be interested to see the effect of these changes on your reception in your later reports. We would like to thank you for your kindness in continuing to send us these extremely interesting reports."

**HOLLAND**

In returning to the higher frequency of 17.770 mc, PHI Huizen diminished the possibilities of Pacific Coast reception. It is to be hoped that the Dutch Twin PCJ Eindhoven 15.220 may accomplish the improvement for which they temporarily closed down. Western listeners may then enjoy the cheerful programs of this station at sunrise Wednesday mornings. Other scheduled broadcasts are less favorable for this region.

**JAPAN**

The schedule of the various "Overseas Hours" was published in the February REPORTER, and will be found by reference to the Broadcast Schedule. Contrary to expectations, eastern listeners are logging some of the programs directed to the South Seas at 9 a. m., as well as the transmission at 4 p. m. If Tokio might direct the morning program to Eastern U. S. instead of the afternoon program, it might be a successful move.

**MARTINIQUE**

Edouard Boullanger Sons, owners of "Radio Fort-de-France" and Agents for Royal Tires, state that all broadcasts include the latest news in French, the schedule being as shown at page 12 herein, with the exception that listeners report a recent shift in frequency to 9,350, the stated frequency being 9,450. Reports addressed Edouard Boulanger Fils, Fort-de-France, La Martinique, Leeward Islands, will reach them provided they bear five cents postage!

**MEXICO**

Under date of February 11, Sr. Alejandro A. Schober, Manager of Mazatlan's senior station, XEBQ "La Voz del Pacifico," has had the kindness to advise that during the annual Carnival in that city, listeners in the States will be afforded an unusual opportunity to log this station for the power will be increased and the broadcasts continuous for three days and nights from the salons of the Muralla Athletic Club. The date of the Carnival, which we had supposed to be early in February, is not stated. Further details will be found under "Station Data" in this issue.

The reason why station XEBR "Heraldo de Sonora" of Hermosillo 150 w 11.820 kc has not been heard with regularity is apparent from a letter to the QRC by its Manager, Sr. Jose Remigio Agraz. As of February 9, the inauguration of XEBR was pending the official visit of the government inspector. Except for that requisite, all was in readiness. The operating schedule will be as listed herein (See Broadcast Schedule 11.820 kc), and attractive verification cards with data descriptive of Hermosillo and vicinity are in preparation. This is the home of "Cielito Lindo."

We should add that XEBR will relay XEBH 500 w 930 kc with offices at Serdan 45 and Studios at Revolucion 200, the postal address being: Apartado 68.

**NICARAGUA**

Beginning March 1, a new broadcast station at Managua will be heard nightly, using the call letters YN-PR and a frequency of 8,650 kc. The operator is agent in Managua for Pilot Radio and in all probability announcements in English will be frequent. He has been heard testing with other stations since early in February.

The owner's name is Rodolfo Sengelmann, which appears a sufficient address. As he speaks Spanish with a German accent, it may be Rudolph.

**PANAMA**

Radio Station HP-5I of Aguadulce 11.895 is now active, but unfortunately heterodynes with XEWI Mexico 11.900 and is smothered by the latter so far as reception on the west coast is concerned.

Mr. G. Williams of the Voice of Panama HP-5J Panama City 9.605 states that he is particularly desirous of reports on his English News period every week-day at 6:40 p. m. EST, which should be addressed him at Box 34. All letters will be answered and veri cards sent. Hundreds of letters from all parts of the world attest the popularity of this period, since the news is the very latest received by radio.

#### PERU

In remarking upon the new Peruvian stations reported last month, it was observed that Peru is becoming radio minded. Now we have a further new station to report, and that is Radio Nacional OAX4Z 6,092, relaying OAX4A 854 kc. They are sandwiched between CRCX and XECU. From 11 till 11:30 p. m. they may be logged, signing off at the latter hour with a snappy march and vocal chorus, apparently the Peruvian National Anthem.

#### SIAM

Listeners who may have tried for HS8PJ Bangkok 9.350 Thursday, February 18 and 25, may be reassured that failure was due to no fault of their equipment. broadcasts on this frequency having been suspended the days mentioned. Monday broadcasts on 19.020 were conducted as usual, however. The hour is 8 till 10 a. m. EST and reception should improve with the approach of spring.

#### SWEDEN

K. F. Stordal, Operator of experimental station SM5SX, advises that, with 400 watts output, his station relays the Swedish National Program daily (See 11.705 Broadcast Schedule), using neither musical signature nor interval signal. This frequency is best heard toward sundown, but western listeners have their only opportunity in this instance at sunrise. Address: Royal Technical University (Kungl. Tekniska Hogskolan), Stockholm.

#### SWITZERLAND

The Chief of the Wireless Service, Mr. C. H. Calame, thanks QRC members for their cooperation and advises that HBL 9595 kes and HBP 7797 kes are broadcasting every Saturday from 5:30 to 6 p. m. EST, the Bulletin of the Information Section of the League of Nations and from 7 till 8:30 a program of Swiss character addressed to Swiss Citizens abroad. New-style verifications are now being issued showing HBL 9595 kc 20 kw omnidirectional, Official bulletin; HBP 7797 kc 20 kw directional, Information Section, L. of N.; HBO 11385 kc 20 kw omnidirectional, International Labour Office; other Geneva transmitters being private. HBL is also reported testing on 9345 kc which should escape interference. Address: Radio-Suisse S. A., 12 Quai de la Poste, Geneva.

#### U. S. S. R.

The schedules shown for Russian stations are for their English broadcasts only. They broadcast at other times in other languages. RAN Moscow 9.600 was heard well New Year's Day on the Pacific Coast, but not since. The usual interference may have taken a holiday. The next best bet for logging Moscow is RNE 12.000 at 10 a. m. EST Sunday—at sunrise!

## U. S. A.

Mr. Morgan Foshay QRC 595 of New Jersey writes that, on complaint of a number of American listeners, station W2XAF Schenectady has accused HJ1ABE The Voice of Laboratories Fuentes, Cartagena, of interference. Such an accusation from so influential a source could cause HJ1ABE the loss of their license. The QRC is positive it is a case of mistaken identity and should be retracted. We are positive because in our records the identity of the station that did accidentally interfere while testing a new transmitter is clearly established. At the time, they used no call, identifying themselves only as "La Voz de Armenia," but since have been assigned the call HJ4ABH on a frequency of 9,520 kc. While warming up on their first few tests, they drifted from 9,525 to 9,535 with disastrous consequences for W2XAF's transmission. Occasionally they called the "Laboratorio Franco-Venezolano" in Maracay, presumably the manufacturers of their transmitter, and it is easy to see how listeners without a perfect understanding might confuse these calls. From many reports we select the following: Friday, September 11th, La Voz de Armenia "came on the air at 10 p. m. and blew W2XAF clear off the map—very hard to read either station as they were nearly of equal signal strength." As we habitually listen to W2XAF for entertainment—a favorite program incidentally being the Science Forum, Thursdays at 7:30 p. m.—we witnessed the interference reported and know the stations. This situation is mentioned because we have seen DJC Berlin also accuse COCO Habana of interference, which was likewise a case of mistaken identity. Analyzing heterodynes is not merely a matter of referring to station lists and blaming the nearest station there listed.

## VENEZUELA

The Director of "Radio Valera," Sr. Pedro Febres Jelambi, notified the QRC by mail of the proposed change in frequency of Y.V.1.R.G. to 6,230 kc. Listeners advise that the change is now in effect.

A new station to be inaugurated during the past month is YV1RI Radio Coro of Coro, State of Falcon, on an announced frequency of 6,210 kc.

Another new station is about to make its formal bow to listeners. Tests have shown good signal strength, but noise has marred intelligibility. As nearly as has been understood, the station is to be known as "Radio Popular" YV1RL Maracaibo 5.930 relaying YV1RK. The postal address is reported as Apartado 247, although on the one occasion when the Prof. lent an ear the only thing clearly heard was the figure 167, possibly the phone number!

## BROADCAST SCHEDULE

These schedules are given in Eastern Standard Time, 5 hours behind GMT or 3 hours ahead of PST. Should your local time be other than EST, it is far easier to convert your time to EST than to convert each schedule to your time. In other words, when about to use the schedules, consider the hour at that moment in New York which corresponds to the hour shown in the schedules.



## BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days			
6.030	49.75	Mazatlan, Sinaloa	XE-BQ														MTWTFSS			
6.030	49.75	Medellin	HJ4ABP						8	8	11	1	2	4	8	12	MTWTFSS			
6.030	49.75	Calgary	VE9CA						8	8	11	1	2	4	8	12	S			
6.040	49.67	Boston	W1XAL						8	8	11	1	2	4	8	12	S			
6.042	49.65	Barranquilla	HJ1ABC									4	7	8	9		S MT F			
6.050	49.59	Bogota	HJ3ABD						8 $\frac{1}{2}$	8	11	1	2	6	8	11	12	MTWTFSS		
6.060	49.50	Cincinnati	W8XAL						8	8	11	1	2	6	8	11	12	SMTWTFSS		
6.060	49.50	Philadelphia	W3XAU						6 $\frac{1}{2}$	6	11	1	2	6	8	11	12	S		
6.070	49.42	Toronto, Canada	CF-RX														MTWTFSS			
6.070	49.42	Maracaibo, Venezuela	YV1RD						7 $\frac{1}{2}$	9	11	1	2	6	8	11	12	SMTWTFSS		
6.073	49.40	Bogota	HJ3ABF						7 $\frac{1}{2}$	9	11	1	2	6	8	11	12	SMTWTFSS		
6.080	49.34	Chicago	W9XAA						9 $\frac{1}{2}$	9	11	1	2	6	8	11	12	SMTWTFSS		
6.080	49.34	Colon	HP-5F														MTWTFSS			
6.080	49.34	Vancouver	VE9CS														MTWTFSS			
6.085	49.30	Cali	HJ5ABD														S M W F			
6.090	49.26	Toronto	CRCX														S			
6.090	49.26	Guadalajara, Mexico	XE-CU						9	9	11	1	2	4	8	11	12	MTWTFSS		
6.092	49.24	Lima, El Peru	OAX4Z						10	10	11	1	2	4	8	11	12	MTWTFSS		
6.097	49.20	Medellin, Colombia	HJ4ABE														MTWTFSS			
6.100	49.18	Belgrade	W9-XF														SMTWTFSS			
6.100	49.18	Chicago	W3XAL														SMTWTFSS			
6.100	49.18	Bound Brook															SMTWTFSS			
6.110	49.10	Manizales	HJ4ABB														M F S			
6.110	49.10	Mexico City	XE-UZ						9	9	10	1	2	3 $\frac{1}{2}$	6	8	10	11	12	SMTWTFSS
6.110	49.10	Mexico City	XE-PW						10	10	11	1	2	4	6	8	10	11	12	SMTWTFSS
6.120	49.02	New York	W2-XE						10 $\frac{1}{2}$	10 $\frac{1}{2}$	11	1	2	4	6	8	10	11	12	SMTWTFSS
6.122	49.00	Bogota, Colombia	HJ3ABX																	S
6.128	48.96	Barranquilla, Col.	HJ1ABB						9	9	10	1	2	4	6	8	10	11	12	MTWTFSS
6.130	48.94	Habana	COCD						9	9	10	1	2	4	6	8	10	11	12	SMTWTFSS
6.130	48.94	Halifax	VE9HX						9	9	10	1	2	4	6	8	10	11	12	S





BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days	
9.510	31.55	London	G S B	3	5	6	8	39	12	2	3	4	5	6	7	8	SMTWTFSS	
9.510	31.55	Buenaventura	H J U	3	5	6	8	39	12	2	3	4	5	6	7	8	M W F	
9.520	31.51	Guadalajara	XE-DQ	4	8	10	11	12	2	3	4	5	6	8	12		SMTWTFSS	
9.520	31.51	Armenia	HJ*ABH	4	8	10	11	12	2	3	4	5	6	8	12		SMTWTFSS	
9.525	31.49	Hong Kong	Z B W	4	8	10	11	12	2	3	4	5	6	8	12		SMTWTFSS	
9.530	31.48	Schenectady	W2XAF	3	9	10	11	12	2	3	4	5	6	8	12		SMTWTFSS	
9.535	31.46	Tokyo	J Z I	9	10	11	12	2	3	4	5	6	8	12			S	
9.540	31.45	Berlin	D J N	5	6	8	10	11	12	2	3	4	5	6	8	12		SMTWTFSS
9.550	31.41	Prague	D J A	5	6	8	10	11	12	2	3	4	5	6	8	12		SMTWTFSS
9.560	31.38	Berlin	W1-XK	5	6	8	10	11	12	2	3	4	5	6	8	12		SMTWTFSS
9.570	31.35	Millis		7	8												S	
9.575	31.33	Cucuta	HJ2ABC	3	8												SMTWTFSS	
9.580	31.32	Lyndhurst	VK3LR	3	8												S	
9.580	31.32	London	G S C	5	6	8	10	11	12	2	3	4	5	6	8	12		SMTWTFSS
9.590	31.28	Sydney	VK2ME	5	6	8	10	11	12	2	3	4	5	6	8	12		SMTWTFSS
9.590	31.28	Philadelphia	W3XAU	5	6	8	10	11	12	2	3	4	5	6	8	12		SMTWTFSS
9.590	31.28	Eindhoven	P C J	1	2	3	4	5	6	7	8	9	10	11	12		SMTWTFSS	
9.595	31.27	Geneva, Switzerland	H B L	1	2	3	4	5	6	7	8	9	10	11	12		S	
9.600	31.27	Santiago	CB960	1	2	3	4	5	6	7	8	9	10	11	12		S	
9.600	31.25	Moscow	R A N	7	8	9	10	11	12	1	2	3	4	5	6	7	SMTWTFSS	
9.605	31.24	Panama City	HP-5J	7	8	9	10	11	12	1	2	3	4	5	6	7	SMTWTFSS	
9.617	31.20	Cartagena	HJTABP	7	8	9	10	11	12	1	2	3	4	5	6	7	SMTWTFSS	
9.635	31.13	Rome	I2R03	7	8	9	10	11	12	1	2	3	4	5	6	7	SMTWTFSS	
9.642	31.11	Port-au-Prince	HH-3W	5	6	7	8	9	10	11	12	1	2	3	4	5	SMTWTFSS	
9.650	31.09	Soerabaja	Y D B	5	6	7	8	9	10	11	12	1	2	3	4	5	SMTWTFSS	
9.660	31.06	Buenos Aires	L R X	3	4	5	6	7	8	9	10	11	12	1	2	3	SMTWTFSS	
9.660	31.06	Lobito	CR6AA	3	4	5	6	7	8	9	10	11	12	1	2	3	SMTWTFSS	
9.665	31.04	Lisbon, Portugal	CT1AA	3	4	5	6	7	8	9	10	11	12	1	2	3	SMTWTFSS	
9.670	31.03	Heredia	TI-4NRH	7	8	9	10	11	12	1	2	3	4	5	6	7	SMTWTFSS	
9.750	30.77	Habana	CO-CQ	7	8	9	10	11	12	1	2	3	4	5	6	7	SMTWTFSS	





**SENSATIONAL** *New* **SCOTT "MAGIC LINK"**  
**CONQUERS "Man-Made" STATIC**



*23 Tube High Fidelity* **SCOTT Equipped**  
*with "MAGIC LINK" IN AMAZING DEMONSTRATION*  
**PROVES QUIET FOREIGN RECEPTION**  
**NOW POSSIBLE IN BAD RECEIVING LOCATIONS**

On Wednesday, October 7, 1936, at the SCOTT Radio Laboratories, a small group of radio engineers and short wave enthusiasts were shown, for the first time, the latest development of the SCOTT Research Laboratories. They intently watched two radio sets at one end of a room—both connected to the same lead-in with a two-way switch, and both tuned in to DJB, Germany, 15.20 megacycles.

### Germany Blotted Out

Suddenly, within three feet of these receivers, a terrific barrage of interference was turned on—from a violet ray machine, vacuum cleaner and automobile ignition coil, buzzing out streams of "man-made" static! What happened? From one receiver came a deafening roar such as you would hear in a boiler factory—and the program from Germany was completely blotted out!

### Clear With "Magic Link"

The two-way switch on the antenna was then thrown to the 23-tube SCOTT equipped with

the sensational new "MAGIC LINK", the SCOTT Supershield Antenna Coupling System, and from Germany, over 4,000 miles away, the program came in as crystal clear, strong and enjoyable as a local station—all without the slightest trace of "man-made" static from the violet ray machine, vacuum cleaner and spark coil, each crashing and spluttering only three feet away from the antenna lead-in.

### Quiet Foreign Reception Now Possible for First Time in Many Locations

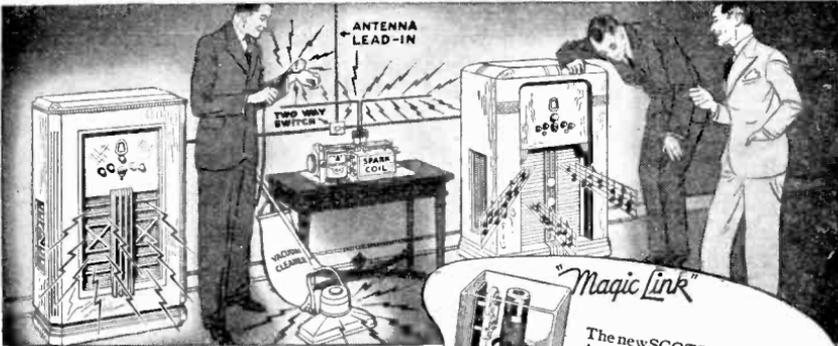
The climax of 8 years of tireless research, this sensational new development means that "man-made" static on the short waves, caused by electrical appliances and picked up on the lead-in has, for the first time, *been conquered without loss of signal strength!* Up to this time foreign reception from England, Germany, France, Italy and many other foreign stations has been spoiled for thousands of residents of apartment build-

## E. H. SCOTT RADIO LABORATORIES, INC.

Ravenswood Avenue,  
 630 Fifth Avenue, New York, N. Y.

Chicago, Illinois  
 115 N. Robertson Blvd., Los Angeles, Cal.

Builders of the World's Finest Custom-Built Radios Since 1924



**WHAT SCOTT SUPERSHIELD ANTENNA COUPLING SYSTEM ACCOMPLISHES**

1. Doubles sensitivity or distance-getting ability of antenna and receiver combination, as compared with best results with any previous noise-reducing antenna with inefficient shielded coupler.
2. Improves antenna lead-in signal to noise ratio by 100 to 1.
3. Eliminates shielded coupler switch. Switching from broadcast to short wave bands is automatic with SCOTT Supershield Antenna Coupling System.



The new SCOTT Supershield Antenna Coupling System—100 times more effective than any other "noise reducing" system in slashing away from the lead-in "man-made" static so disturbing to enjoyable, dependable foreign reception.

ings, hotels and homes by the static from electrical appliances picked up on the antenna lead-in. Now these programs can be heard clearly and quietly with the 23-tube SCOTT equipped with the new SCOTT Supershield Antenna Coupling System.

**Compare In Your Own Home**

We invite you to make a 30-day side-by-side comparison test of the SCOTT against any other receiver, regardless of price. If the SCOTT does not bring in foreign and domestic stations with more volume, greater clarity, and with finer and more natural tone, we will refund your payment price without question.



It is impossible to describe the sensational increase in listening pleasure which this new development now makes possible. Only by an actual listening test can you appreciate how much more enjoyably foreign short wave stations can now be received on the 23-tube SCOTT. Send TODAY for complete proof — and full description of this remarkable new development that now makes possible in conjunction with the 23-tube FULL RANGE HIGH FIDELITY SCOTT Receiver, unparalleled tone, and distance performance in every continent of the globe. Discover this vast new world of radio entertainment you will never hear without a SCOTT. SEND COUPON NOW.

**FREE-SEND TODAY FOR DETAILS**

E. H. Scott Radio Laboratories, Inc.  
Ravenswood Ave.,  
Chicago, Ill.

Send details of unequalled D X. Tone of 23-Tube SCOTT with new "Magic Link" Antenna Coupling System.

Name .....

Address .....

City ..... State .....

## CASTELLANO

In our study of Spanish vowels we have seen that, unlike English, each has but a single sound—at least when alone. There are no long and short vowel sounds, but there are strong and weak vowels. As one might suppose, U and I are the weak vowels, while A, E and O are strong. Except when a weak vowel bears the accent—which converts it into a strong vowel—its sound blends with that of a strong vowel, forming a single syllable. Otherwise in a Spanish word there are as many syllables as there are vowels. Where to divide the syllable is most important for that determines the accent. Fortunately the rules are clear and simple and there is never need to look in the dictionary. These rules are what we are now studying and you'll presently master them.

We have seen that the English I is in reality a diphthong—we've been trying to stay away from that name, but it can't be helped. A diphthong is a union of two vowel sounds. The Spanish equivalent of English I is as AI or AY (ah-ee). Next we have the equivalent of English A in EI (eh-ee). The English diphthongs OI or OY are exactly the same in Spanish. But UI (accented I) in Spanish is pronounced as WE. In these diphthongs, Spanish I becomes like English Y and Spanish U like English W. IA, IE, IO, and IU are like "yard," "yet," "yoke," and "you." AI, EI, OI and UI are like "aye, aye, sir," "they," "toy," and "suite"—in the latter instance, both vowels being weak, the stress always falls on the last of the two, so the U took the sound of W instead of the I taking the characteristics of Y.

The only remaining diphthongs are those formed with U, so be patient—it won't be long now. That U resembles English W will be seen in the following (before the strong vowel): UA, UE, UO and UI being like "wasp," "west," "woe," and "we." Reversed, they are AU, EU, OU and IU: "cow," "?," "bow" as in "bow and arrow," and "you." If there is an English equivalent of EU, we can't recall it at the present. Just run "eh-oo" together and say "Eu-ro'pa" and that is about the only common word using the sound in Spanish anyway. The triphthongs, which are rare, will be left for another day.

The consonant H, we have said, is always silent. Q occurs only before UE or UI, and sounds like K, the U in these combinations always being silent—or we'd get the same answer if we said QU always sounds like K, and let it go at that. This is an instance in which the letter K, foreign to the Spanish

alphabet, would be much better. So at least we learn the first syllable of Qui-xo'te (Kee-hoe'teh)!

## STATION DATA

## DENMARK

OXY Copenhagen (Skamlebaek) 500 w 6.060 (s) "Der er et yndigt Land" (There's a Winsome Land) National Anthem. Government owned. Address: Bernstorffsgade, Opgang E1., Kjobenhavn V., Denmark.

## DOMINICAN REPUBLIC

HI-1A La Voz del Yaque (River), Santiago de los Caballeros 50 w 6.190 (s) "All Hands." Rafael Western, Owner-BUILDER, Apartado 423.

HI-1J San Pedro de Macoris 100 w 5.865 (s) "Indian Love Call" from Rose Marie by Jesse Crawford, organ. Slogan: Nuestra Patria es America (Our Country is America). Fausto M. Donastorg, Builder-Owner; Miguel Zaglul, Art Director. Anacaona Moscoso No. 3, Apartado 204.

HI-1S La Voz de la Hispaniola, Santiago de los Caballeros 200 w 6.420. Generoso Sarnelli, Owner.

HI-2D La Voz de la Asociacion Catolica Dominicana, Trujillo City 100 w 6.900 (s) "Ave Maria," violin.

HI-3C La Voz de la Feria (The Fair) La Romana 50 w 6.730. Moises Garip and Roberto Palli, Owners.

HI-3U La Voz del Comercio, Santiago de los Caballeros 100 w 6.015 (s) "Maria My Own" (Maria la O) composition of Ernesto Lecuona by Jesse Crawford, organ. Moises Franco y Franco, Director, Avenida Imbert, Apartado 23.

HI-4D La Voz de Quisqueya (Quisqueya was the indigenous name of the Island) Trujillo City 25 w 6.555. Dr. Luis D. Santamaria, Owner.

HI-4V La Voz de la Marina, San Francisco de Macoris 25 w 6.450. Merengue, typical music. Luis Raul Betances Ricart, Director.

HI-5N La Voz del Almacen Dominicano (Dominican Store) Santiago de los Caballeros 6.150 (s) "Una noche de amor" (A Night of Love) waltz by station orchestra. Rafael A. Peralta, Manager.

HI-7P Emisora del Comercio, Trujillo City 25 w 6.805. J. M. Roques R., Owner.

HI-8A La Fa-Doc en el Aire (Dominican Shoe Factory) Trujillo City 200 w 6.479 (s) "General Alvaro Obregon," a Mexican march interpreted by the U. S. Marine Band. Jaime A. Rodriguez G., Owner, Apartado 1312.

HI-8Q Emisora Carta Real, Trujillo City 300 w 6.240 (relayed by various stations). Abbes & Garcia, Owners, Avenida Espana No. 12.

HI-9B Broadcasting Hotel Mercedes, Santiago de los Caballeros 5.885 (relayed by various stations) (s) "Evocacion," piano solo. Jacinto L. Sanchez h., Director, Apartado 95.

HIG Trujillo City 50 w 6.280. Station identification: Lamb bleat (the director's name, in translation, being Lamb). A. Cordeiro P., Director, Av. Jose Trujillo V., No. 20.

HIH La Voz del Higuamo (River) San Pedro de Macoris 150 w 6.775. Domingo Dominguez, Owner and Operator.

HIN Trujillo City 750 w 6.243, 11.280. Occasionally relays HI-9B. Calle Arzobispo Merino, No. 97.

HIT La Voz de la RCA- Victor, Trujillo City 200 w 6.630. F. A. Sanabria, Manager. Apartado 1105.

HIX Trujillo City 900 w 6.340. Government station. J. R. Saladin, Director of Radiocommunications, Sria. de E. de Comunicaciones y Obras Publicas.

HIZ La Voz de los Muchachos, Trujillo City 100 w 6.316. Frank Hatton, Owner, Calle Mella No. 44.

#### ECUADOR

Estacion de "El Prado," Riobamba 6.618. Senorita Judith, Announcer; Carlos Cordovez, Manager; "El Prado" Textile Mills, Owner. (For verifications send 5 cents in U. S. stamps instead of IRC for these may be cashed only at Quito.) Apartado 98.

HC1PM Estacion "El Palomar" (The Dove-Cote) Quito 5.725. J. Leonardo Ponce, Operator, Casilla 664.

HC2CW Ondas del Pacifico (Waves of the Pacific) Guayaquil 8.404. F. Wilmot, Director; Alvarado & Wilmot, Owners; Casilla 1166.

HC2ET Radiodifusora de "El Telegrafo," (newspaper) Guayaquil 4.600. Station identification: 12 chimes. Casilla 824.

HC2JSB Ecuador Radio, Guayaquil 7.854. Station identification: A single stroke of a deep-toned gong. Juan S. Behr, Owner; Apartado 805.

HC2RL "Quinta Piedad," Guayaquil 200 w 6.668 (s) Ecuadoran Anthem "Salve, O Patria." Announces, "Hello America." Dr. Roberto Levi, Manager; Maria Piedad Castillo de Levi, Owner. Tomas Martinez No. 307, Casilla 759.

HCETC Radio del Teatro Bolivar, Quito 6.895. Manuel Mantilla, Director; Empresa de Teatros y Cinemas, Owner. Apartado 134.

HCJB La Voz de los Andes, Quito 1 kw 8.948 in parallel with HCJB "Broadcasting Provincial" 200 w 4.107. Altitude 8,500 feet, 15 miles south of equator. Clarence W. Jones, Director, Casilla 691.

#### FIJI ISLANDS

Radio Suva, Suva 2 kw 8.719 (s) "Song of the Islands" and "God Save the King." Amalgamated Wireless (Australasia) Ltd., Owners.

#### FRANCE

TPA Radio-Coloniale, Paris (Pontoise) 15 kw (s) "La Mar-seillaise." Government owned. Broadcasting Department: 103, Rue de Grenelle, Paris VIIe. Address: Station Radio-Coloniale de l'Etat Francais, Ministere des Postes, Telegraphes et Telephones, Service de la Radiodiffusion, 98 bis. Boulevard Haussmann, 98 bis., Paris (8e).

**GERMANY**

DJ-Berlin (Zeese), Tuning signal: 9 notes from folk song "Ub immer Treu und Redlichkeit (Ever be true and honest), melody of the chimes of Garrison Church in Potsdam in memory of the opening there in March, 1933, of the first Reichstag under the National Socialist (Nazi) rule. (s) "Horst-Wessel Lied," Nazi marching song, followed by "Deutschlandlied." (Reception reports are invited.) Postal Address: Reichspostzentramt, Schoenebergerstrasse 11-15, Berlin-Tempelhof, Deutschland.

**GREAT BRITAIN**

GS-London (Daventry). Broadcasts preceded by 1,000 cycle monotone (whistle). Interval signal: Chimes of Bells of Bow Church (Cheapside). Greenwich time signal pips. Big Ben strikes the hour, preceded by the Westminster Chimes to which has been set the verse, "All thru this hour, Lord, be my guide, and by Thy Power, no foot shall slide." (s) God Save the King. Concessionaire: The British Broadcasting Corporation, Broadcasting House, London, W.1.

**GUATEMALA**

TG2X La Voz de la Policia Nacional, Guatemala City 500 w 5.940. Typical marimba (xylophone) music. Direccion General, Policia Nacional.

TGS Radiotransmisora de la Casa Presidencial (Executive Mansion) Guatemala City 200 w 5.713. Programs close with Military March and 5 strokes of a gong. Julio Caballeros h., Technical Director.

TGWA Radiodifusora Nacional, Guatemala City 200 w 9.450. Operated by the Secretaria de Fomento. Heberto Correa, Station Manager.

**HAITI**

HS-2S Port-au-Prince 100 w 5.920. HH2R 9.545. HH2T 11.705. Armand Mallebranche, Manager. Haitian Automobile Company, Owner. Boite A-103.

HH-3W Port-au-Prince 30 w 9.595. C. Ricardo Widmaier, Owner. Boite A-117.

**HONDURAS**

HRD La Voz de Atlantida, La Ceiba, Atlantida Department 250 w 6.235. Opening theme "Solo Tuyo" (Thine Alone), marimba fox-trot. (s) Intermezzo No. 1 by Luis Calvo. Dr. Tulio Castaneda and Emilio A. Crespo, Directors. R. Walter, Operator.

HRN La Voz de Honduras, Tegucigalpa 5.875. (s) "Good Night Melody" by Ted Lewis. Rafael Ferrari, Manager; Paul John, Engineer.

HRP-1 El Eco de Honduras en San Pedro Sula 6.351. Manuel Escoto, Director and Manager. San Pedro Sula, Honduras, C. A.

**HUNGARY**

HA-Radio Budapest, Budapest (Szekesfehervar) 5 kw. State owned; Magyar Kiralyi Posta (Royal Hungarian Post). Address: Radiolabor, Kiserleti Allomasa, Budapest, IX., Gyali-ut 22.

**ICELAND**

TFJ Reykjavik 7½ kw 12.235 (s) "O, Gud Vors Lands," National Anthem. Government owned: Rikisutvarpid Islands (Icelandic State Broadcasting Service), Box 547.

**INDIA**

VUB Bombay 10 kw 9.565. Government owned: Indian State Broadcasting Service, Irwin House, Sprott Road, Ballard Estate, Bombay.

**ITALY**

RRO Prato-Smeraldo, Roma 25 kw. Opening theme: "Bells of Rome." Interval signal: Twittering of mechanical capinera birds. (s) Fascist "Giovinezza" and National Anthem "Marcia Reale." Concessionaire: Ente Italiano per la Audizioni Radiofoniche, Via Montello, 5.

**JAPAN**

J—Tokyo (Nazaki). Commercial service is owned by Kokusai-Denwa Kaisha, Ltd. (International Wireless Telephone Co. of Japan), No. 3, 1-Chome, Uchisaiwaicho Kojimachiku, Tokio, Japan. "Overseas Hour" sponsored by Overseas Section, Nippon Hoso Kyokai, Atagoyama, Shiba-ku, Tokio. (s) National Anthem "Kimi-gayo."

**JUGOSLAVIA**

Belgrade (Beograd) 1 kw 6.100. Address: Short Wave Radio Station, Milosa Velikog Nr. 16, Beograd, Jugoslavia.

**KENYA**

VQ7LO Nairobi 600 w 6.059 (s) God Save the King. Station identification: Roar of a lion. Cable and Wireless Ltd., Box 777.

**MACAO**

CQN Macao, China 300 w 9.600. Opening theme: "Maria da Fonte." (s) "A Portuguesa," National Anthem. Address: Government Broadcasting Station, Post Office Building, Macao, South China.

**MEXICO**

XEBM El Pregonero del Pacifico (The Crier of the Pacific) Mazatlan, Sinaloa 15.300 (s) "Quimbamba" with vocal chorus. Station identification: four chimes, fa, re, mi, do. Manuel Rojo L., Owner. Av. Angel Flores, 156 altos. Apartado 50.

XEBQ "La Voz del Pacifico," Mazatlan, Sinaloa 50 w 6.030 (s) Luxemburg" march. Interval signal: 4 chimes sol, mi, do. sol. Correct time signal (sol, mi) every second hour. Enrique Salvador Grey, President; Alejandro A. Schober, Manager; Ant. Gutierrez Villanueva, General Agent; Domingo Vega Schober, Announcer. Studios: Muralla Athletic Club. Apartado 95.

XE-BR "El Herald de Sonora," Hermosillo, State of Sonora 150 w 11.820 kc relays XEBH 500 w 930 kc. Jose Remigio Agraz, Manager. Studios: Revolucion 200. Offices: Serdan 45. Apartado 68.

XEBT Mexico City 1 kw 6.000. Opening theme: "Las Mananitas." (s) "Liebesraum" or Dream of Love by Liszt, piano solo. Interval Signal: Cuckoo call twice. Announcer: Henry Guerrero. Owner: El Buen Tono, S. A. (tobacco company), Apartado 7944.

XECR Mexico City 20 kw 7.380. Government owned, under the direction of the Foreign Office. For verifications: Oficina del Departamento de Publicidad, Secretaria de Relaciones Exteriores, Mexico, D. F.

XECU Guadalajara, Jalisco 6.075. Interval signal: Several toots of a two-tone whistle resembling that of a locomotive. Address: Av. Hidalgo, 579.

XEDQ Guadalajara, Jalisco 9.520 (s) "Jarabe Tapatio." Station identification: 4 chimes in descending scale. Apartado 197.

XEFT La Voz de Veracruz, Veracruz 20 w 6.120 & 9.505 (s) "Vals Poetico" by Felipe Villanueva. Address: Independencia, 28.

XEME La Voz de Yucatan desde Merida, Merida, Yuc. 8.190. Address: 59 No. 517. (This station not reported recently.)

XEPW La Voz del Aguila Azteca (The Voice of the Aztec Eagle) Mexico City 6.110. Interval signal: 5 chimes in ascending scale and five at random, or four strokes of a gong. Apartado 8403.

XEUW El Eco de Sotavento desde Veracruz (The Echo from Leeward) Veracruz 6.020 (s) "La Golondrina" (The Swallow). Fernando Pazos Sosa, Manager. Studios: Av. Gomez Farias 33. Offices: Av. Independencia 98.

XEUZ Radio Nacional, Mexico City 1 kw 6.240 relaying XEFO 5 kw 940. Deputy Demetrio Bolanos E., Manager; Engineer F. Javier Stavoli, Technical Director; Leobardo Gonzalez, Art Director. 5 de Mayo 19 y 21, Apartado 2641.

XEWI My Voice to the World from Mexico, Mexico City 250 w 6.015 & 11.900 (s) "Ah! Sweet Mystery of Life!" by Victor Herbert. Andres Reynoso, Director; World Institute of Impersonal Life, Owner. 3a de Mina, 56, Apartado 2874.

XEXA Mexico City 6.133 (s) "March of the Toys" by Victor Herbert. Government owned, under direction of the Department of Education. (Secretaria de Educacion Publica, Oficina de Extension Educativa por Radio). Chief of the Office: Dr. Genaro Angeles. Chief Engineer: Fernando Leon Grajales. Address: Av. Rep. Argentina y Luis Gonzalez Obregon.

### CLUB STATIONERY

QRC Stationery for the use of Members, being Hammermill Bond printed in a green that should warm the heart of the Irish, is available in lots of 50 sheets at 31 cents, post-paid. This is the only quantity that may be mailed economically. Orders are dispatched immediately!

---

A Scot on holiday in Palestine came to the Sea of Galilee, and on inquiring the price of a pleasure boat found that they were 3/6 an hour.

"Three-an'-saxpence," he exclaimed, "and we can get one in Aberdeen for saxpence"

"Ah! but this is Palestine," answered the boatman, "and these are the waters on which our Lord walked."

"Nae wonder He walked," was the dry retort.

## STAMP COLLECTORS' CONTEST

Tuning in foreign stations is sport, but how much greater sport would stamp collectors find it if they could but tune in foreign postage stamps! This Contest makes that very thing possible. In a sense it really isn't a contest for there are neither losers nor an element of chance. Everyone is assured of the prize of his choice and as many prizes as he cares to earn. There is no limit to the number. The prize is a mixture of 600 foreign postage stamps or any other prize of your choice not valued in excess of seventy-five cents, and you get this for rendering 300 foreign broadcast reception reports on QRC forms. Only the grand total is counted and it matters not how many reports are on the same station, just so an hour intervenes between reports on this station. But they must be *foreign* and they must be *broadcast* stations, not point-to-point relays, amateurs nor special service stations. For a report, a single definite item is sufficient, preferably the name of a product being advertised, part of an announcement or the title of a musical selection.

QRC report forms are available at 9 cents for 90, post-paid. Each report submitted must be accompanied by a half cent to defray forwarding postage and to be applied toward the prize. Thus each pays for what he gets, and gets what what he pays for—plus the fun of getting it. This is the legal way. The reports will be forwarded by the QRC to the respective stations, which are warm in the expression of their appreciation. To obtain the foreign stamps to be given as prizes, the QRC is negotiating with the stations, offering to accept a thousand used stamps of their country in payment of subscriptions to this magazine. This does not supersede the Connoisseur Plan, with which most members are perfectly familiar, but each will be conducted separately, and members may participate in either or both. This Contest should prove much easier than the Connoisseur Plan since there is no limit to the number of reports on any single station, but, we repeat, all reports must be on foreign stations—whence come the foreign postage stamps. In sending in reports, it should be specified in which contest they are to be entered. Totals of the Stamp Contest may be published from time to time in this magazine, but the scores in the Connoisseur Plan may only be published in the QRC semi-monthly advance Bulletin.

A word about remittances: The safest and most convenient manner is to remit in dimes securely fastened to the letter itself with Scotch Cellulose Mending Tape. 100 inches of this tape

may be purchased for a dime at most any 5 & 10 cent store. The weight of heavier coins is too concentrated, and nickels and coppers are too heavy for their value. For fractions of a dime, unused stamps are acceptable.

#### DUPLICATE STAMP EXCHANGE

Collectors, what do you do with your duplicate stamps? Why not trade them? That is really all they're good for. The QRC is certain that many members will enjoy participating in an Exchange at no expense other than reply postage. From your duplicate stamps, make up one or more trading lots of 100 varieties mounted with peelable hinges on onion-skin sheets, let us say 25 to a sheet, not more than 6 inches in width so that, when folded, they will fit comfortably inside an ordinary envelope. Send them with a stamped self-addressed envelope to the QRC and in return you'll receive a similar trading lot submitted by another member. Keep the stamps you wish, replacing them with others, and return the lot for another trade. Your membership number in the upper left corner will avoid the return of a lot you've already seen. Send in as many lots as you like, as often as you like. There is no restriction, except that the right will be reserved to return to the sender any lots deemed poor in quality.

The QRC perceives no reason why trading should not be brisk and will have in readiness to serve the first applicant an especially attractive trading lot. To qualify as a trader you have only to be a member of the QRC (subscriber to the REPORTER) and we urge all collectors to tell their friends of this opportunity.

#### ILLUSTRATED STATION LIST

Stations using voice or music are shown in CAPITAL LETTERS. Telegraph stations, as frequency "markers," are shown in small letters. The figures indicate frequency in channels of 10 kilocycles, or the exact spot on the dial of your receiver at which the stations should be heard. The frequencies shown are accurate and may be relied upon implicitly for the calibration of receivers.

This Log will be most helpful if, upon identifying a station, you make a note of your receiver's micrometer or vernier dial reading in the space above that station's frequency as shown in the Log. This will guide you to the exact spot where other nearby stations of known frequency should be found.

QUIXOTE RADIO CLUB

The 'F. B.' Log

26.32 - 26.79 Meters

11. M/c	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	11.	
	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
							H	X	3				D			C			H		
							I	A					A			W			B		
							N	M					F			G			O		
x wbl					r				w	k		f	j	w	l		k	p	h		
a.					a				p	h		z	e	c	p		c	p	b		
m wcy					u				n	k		n	n	o	d		k	n	o		
x wgo	x	w	w	w		k	k	x	k		p	k	w	p					e		
c.	f	n	a	n		y	s	d	k		v	h	h	j					g		
n wrl	i	u	x	n		e	a	k	b		b	i	d	c					q		
.	e										9								l		
wso									kpe			kup	wrh								

25.66 - 26.32 Meters

11. M/c	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	11.		
	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
H	C		C					V	P		X		C					V		
B	J		O					I	M		G		M					R		
O	A		C					Z	K		R		B					R		
	4		X					3										R		
h X						n			k	r	r	f	j	e	g	g	g	p		
o						p			j	u	k	z	e	n	p	n		l		
o?						g			b	u	v	k	j	s	g	h		n		
h r	g	s	d	p	f	h	n	l	l	w	w	x	f	f	x	p	n	p		
bt	l	p	h	l	x	k	s	q	q	m	q	g	z	z	d	s	p	v		
lb	y	t	c	o	k	y	s	m	m	e	e	r	n	n	j	n	m	s		
										n	e				4			t		

25.42 - 25.66 Meters

11. M/c	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	11.				
	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
						J	F	K			T	C	P	H	G	O	D		D	
						V	P	I			P	J	H	P	S	L	J		J	
						L	Q	O			A	R	I	5	D	R	D		O	
											4	X		L					J	
r p			w					k	r	r	p									
p s			h					i	k	w	j									
t n			t					o	a	a	s									
P E	j	f	w	f	v	r	j	h	r	p	S	c		j					W	
ln	b	x	p	y	i	r	r	p	t	v	M	k		p					l	
no	c	e	j	r	z	p	m	c	o	c	5	l		i					X	
			.					.		9	S								A	
			kik					pjs	X										L	

25.00 - 25.42 Meters

11. M/c	8	9	0	1	2	3	4	5	6	7	8	9	0	11.							
	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
J	I	C	CW		DG	WO	T	X					R	Y	F	K	I		R		
Z	2	S	T9		J	S	8	L	P	E			D	N	T	K	U		K		
J	R	S	IX		P	E	X	R	A	W			D	A	A	Q	C		K		
O			AA				K	3	I										Z		
4			AA		Y														S		
					D		j			s	c	P	y		i				r		
					B		r			u	m	P	n		u				u		
							l			w	s	H	a		c				a		
																			n		
r	w				c	r				c	j	r	f	r	f	x	g	v	n		
t	2				o	s				i	u	d	t	w	z	o	i	a	a		
m	X				s	n				e	k	d	f	o	f	f	b	a	a		
	E																				













## ORCHIDS

Ever since you sent me literature about the Club I have been interested.—Morgan Foshay QRC 595 New Jersey.

It is my intention to submit reports from time to time in the hope of building up some verification cards by means of your simple and inexpensive method. Let me use this opportunity to express my appreciation of the REPORTER which is the best and most accurate log that I have seen. It has already been of great help in identifying several stations which I had not previously logged. I am using a Breting "12," a product of your state, and have had exceptionally good results with it.—Stuart Osgood QRC 468 Massachusetts.

The monthly improving with every issue.—Lt. Com. R. B. Hammes USN Ret. QRC 84 North Carolina.

I am very much pleased with the new stationery and I'm writing the first letter to you.—Carl Weber QRC 277 New Jersey.

My brother who is a ham (W2HSV), finds the F. B. Log most helpful in calibrating his receiver. He thinks it is a most remarkable piece of work to have so many CW stations accurately logged. By the way, how many "hams" are Club members? Also heartily favor the new stamp idea. Should like to build up my collection, which has been languishing for years.—Martin P. Miller QRC 385 New York.

Curious to know more. Article "Salud y Pesetas" has aroused my curiosity, to say the least.—Ray LaRocque QRC 140 Massachusetts.

Would be pleased to get acquainted with QRC members in Minnesota.—Carl and Anne Eder QRC 511 Willmar, Minnesota.

You might put a little notice in the REPORTER that I'll gladly swap fotos of my rig with any SWL or Ham.—G. Len De Cou QRC 322, 120, So. Keeler Av., Bartlesville, Okla.

I am a layman as to shortwave reception, but have hopes. Am now a member of ISWC, IDA and URDXC. From the sample copy REPORTER sent me, your periodical looks better to me from many angles. I am over 60 years of age, so I don't spend too much time in night DXing.—E. E. Mullen QRC 576 California.

The REPORTER again shows improvement. From cover to cover I can't find a fault, or even a quibble, for which I have any suggestion. It is definitely professional in form and content.—Irving Van Zandt, Jr., QRC 44 New Jersey.

This new stamp idea I think is fine. I collect stamps in a small way. So far I have about 5,000.—Floyd M. Murphy QRC 297 Illinois.

I hear there are other Phila. members of whom we wot not. Should appreciate your enlightening me. Affiliated now with the Hobby League of America. Meetings at Grant School, 17th and Pine Sts., 7 p. m. the 2d and 4th Fridays of each month. All welcome. Officers are: Frank J. Ballintine QRC 584 Pres.; James G. Shoch, Jr. QRC 583 V. P.; Charles Bilharz QRC 558 Sec.; John G. McConomy QRC 290 Director; and Chas. Nick QRC 129 Tra-soora.—Chas. Nick QRC 129 Pennsylvania.



10 CENTS

APRIL

# SHORT WAVE REPORTER

*Handwritten signature or initials*



BROADCAST SCHEDULES  
—STAMP COLLECTORS' CONTEST—  
TELEGRAPH FREQUENCY MARKERS  
NEW STATIONS AND STATION NEWS

★

★

## STAMP COLLECTORS' CONTEST

Tuning in foreign stations is sport, but how much greater sport would stamp collectors find it if they could but tune in foreign postage stamps! This Contest makes that very thing possible. In a sense it really isn't a contest for there are neither losers nor an element of chance. Everyone is assured of the prize of his choice and as many prizes as he cares to earn. There is no limit to the number. The prize is a mixture of 600 foreign postage stamps or any other prize of your choice not valued in excess of seventy-five cents, and you get this for rendering 300 foreign broadcast reception reports on QRC forms. Only the grand total is counted and it matters not how many reports are on the same station, just so an hour intervenes between reports on this station. But they must be *foreign* and they must be *broadcast* stations, not point-to-point relays, amateurs nor special service stations. For a report, a single definite item is sufficient, preferably the name of a product being advertised, part of an announcement or the title of a musical selection.

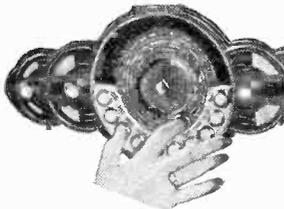
QRC report forms are available at 9 cents for 90, post-paid. Each report submitted must be accompanied by a half cent to defray forwarding postage and to be applied toward the prize. Thus each pays for what he gets, and gets what what he pays for—plus the fun of getting it. This is the legal way. The reports will be forwarded by the QRC to the respective stations, which are warm in the expression of their appreciation. To obtain the foreign stamps to be given as prizes, the QRC is negotiating with the stations, offering to accept a thousand used stamps of their country in payment of subscriptions to this magazine. This does not supersede the Connoisseur Plan, with which most members are perfectly familiar, but each will be conducted separately, and members may participate in either or both. This Contest should prove much easier than the Connoisseur Plan since there is no limit to the number of reports on any single station, but, we repeat, all reports must be on foreign stations—whence come the foreign postage stamps. In sending in reports, it should be specified in which contest they are to be entered. Totals of the Stamp Contest may be published from time to time in this magazine, but the scores in the Connoisseur Plan may only be published in the QRC mimeo Bulletin.

A word about remittances: The safest and most convenient manner is to remit in dimes securely fastened to the letter itself with Scotch Cellulose Mending Tape. 100 inches of this tape may be purchased for a dime at most any 5 & 10 cent store.

(Please turn to Inside Back Cover.)

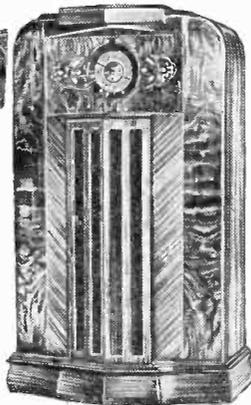
# MIDWEST FACTORY-TO-YOU SAVES 50%

This great new Midwest has caught the nation's fancy, because scores of marvelous features like Dial-A-Matic Tuning\*, Elektrik-Saver\* (optional\*) give magnificent worldwide reception and glorious crystal clear realism. America OK's Midwest radios because they out-perform ordinary sets on a point-for-point comparison. Not a cut-price set, but a more powerful super performing radio in a big, exquisitely designed cabinet of matched walnut.



## ZIP . . . AND YOUR STATION COMES IN

Your radio enjoyment is doubled with Dial-A-Matic Tuning, the amazing new Midwest feature that makes this radio practically tune itself. Zip! Zip! . . . Zip! . . . stations come in instantly, automatically, perfectly . . . as fast as you can push buttons.



Why be content with a ordinary 6, 8 or 10-tube set when you can buy a 14-tube deluxe Midwest for the same money? When you buy the Midwest factory-to-you way, you deal directly with the factory that makes radios—instead of paying extra profits to wholesalers, distributors, retailers, etc. You have a year to pay . . . terms as low as 10c a day . . . you secure privilege of 30 days Free trial in your own home. You are triply protected with Foreign Reception, One-Year Warranty & Money-Back Guarantees.

## 30 DAYS FREE TRIAL

For seventeen years, Midwest engineers have pioneered many features and advantages which others quickly copied. The new 1937 Midwest is designed years in advance. It has everything! Not just two or three outstanding features, but scores of new developments . . . many of them exclusive.

Send for FREE 40-Page Catalog

See for yourself that Midwest offers today's greatest radio values. See why so many say:

"Midwest sets the pace!"

Other Midwest radios complete with tubes and console, \$29.95 and up! (\*Base price, less tubes and console.)

MIDWEST RADIO CORPORATION  
Dept. H-44 Cincinnati, Ohio

Only  
**\$39.95**  
AND UP  
NEW LOW BASE PRICE\*  
FOR A WORLD-WIDE  
**MIDWEST**

### MIDWEST RADIO CORPORATION DEPT.

CINCINNATI, OHIO

Send me your new FREE 40-page catalog.

Name .....

Address .....

Town .....

State .....

User-Agents Make Easy Extra Money. Check Here  for details.

# Short Wave Reporter



## HEAR BANGKOK!

While Siam may be "just around the corner" it's a good day's journey in whatever boat we may be. No world tour would be complete without visiting its shores. In point of time, the difference between Siamese and Eastern Standard is exactly 12 hours either way it is figured. Yet, on the west coast, listeners may tune in Bangkok with amazingly good reception, considering the distance. This opportunity occurs but once a week, and then only for the brief period of two hours. True there is another broadcast, but it is less favorable for the west coast, being on a higher frequency. Though heard in the east, this broadcast is less consistent.

Our station is the Experimental Short Wave Broadcast Station HS8PJ operating Thursdays from 8 till 10 a. m. EST (5 till 7 a. m. PST) on a frequency of 9,350 kc (32.09 meters) and the same hours Mondays on 19,020 kc (15.77). Bright and early Thursday morning is the broadcast recommended for the Pacific Coast, with peak signal at sunrise. The place on the dial, it will be observed, is near that at which COCH of Habana, Cuba, is regularly heard.

Bangkok programs are divided in several parts, sometimes beginning with a relay of Siamese theater music, followed by the "first recital" of occidental recordings. At 9 a. m. a quarter hour of English News, followed by about a half hour of Siamese "gramophone" records, and concluding with the "second recital" of occidental recordings. Interval signal: Three chimes in ascending scale. Announcements: Siamese, the King's English and French. Reports are desired and will be acknowledged as soon as the staff is able. In signing off, the announcer bids you, "Good health, good luck and a very good night from Siam!"

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.  
10 cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1937 by E. J. Shields, Chots.  
Advertising accepted of reputable firms only. Rates on application.

**ARGENTINA**

March 1, the Argentine reverted from summer to standard time, one hour ahead of EST, and with this change, Radio El Mundo discontinued LRU 15.290, using instead LRX 9.660 from 7 a. m. till 11:30 p. m. EST. In the early mornings some interference with YDB Soerabaia was noted and LRX mistaken by some for an Asiatic. After sundown, Radio El Mundo affords the Pacific Coast its finest foreign reception, not only in the quality of reception, but as well in the quality of musical entertainment. Their American crooners have rhythm

**AUSTRALIA**

E. G. Lister of McIlwraith & McEacharn, Ltd., Steamship Owners and Coal Merchants, 94 William St., Melbourne, advise a QRC Member: "We are very interested to hear that you were successful in picking up the program from our M/V Kanimbla (9.M.I.) and take this opportunity of enclosing herewith our \*QSL card which we feel sure will interest you. The Kanimbla is the only licensed floating broadcast station in the British Empire at present and possibly in the whole world. We hope in future that you will be successful in picking up some more of our programs and will look forward to hearing from you in this connection from time to time."

\*QSL card bears foto of M. V. Kanimbla 11,000 tons. Call Sign VK9MI. Frequencies: 11.710 (25.619), 6.010 (49.917). Power: 50 Watts aerial rating. Transmitter AWA High Fidelity. Schedules: Various. We are advised to try for them between 6:30 and 7:30 a. m. EST. Signature "Sweet Dreams" followed by God Save the King.

**BRITISH GUIANA**

The Secretary of the British Guiana Broadcasting Co., Ltd., owners of "The Voice of Guiana" VP3MR at 16, Robb & Hincks Streets, Georgetown, expresses his gratitude for the reports of members and adds that transmissions open with the signature number "The Empire Parade," and terminate with Ted Lewis' "Goodnight Melody," station announcements being made every fifteen minutes. Studios are at Luckie's Chambers.

**COLOMBIA**

Verifications signed "Nueva Granada HJ3ABD Colombia Broadcasting, S. A." are now being received. This station requires that logs give the names of at least three musical selections, but above all they prefer the names of their advertisers.

**COSTA RICA**

Dn. Gonzalo Pinto Hernandez, Owner and Operator of a number of stations at San Jose, has had the kindness to supply the QRC with data clarifying a mystery which has long been the subject of debate by listeners. In all we find six stations, four long wave and two short wave, the latter sharing the same frequency and thus mystifying listeners in this

country with what seemed a single station with dual personality. Sr. Pinto's stations follow:

T.I.G.P.H. "Alma Tica," San Jose  $1\frac{1}{2}$  kw 5.830, 1 kw 650 kc.

T.I.X.G.P.3 Estacion "X" La Reina del Aire, San Jose 1 kw 5.830, 750 w 650 kc.

T.I.G.P.H. "Nueva Alma Tica," San Jose 2 kw 1,000 kc.

T.I.V.C.A. "La Voz de Centro America," San Jose 500 w 1,225 kc.

It will be observed that the two shortwave transmitters differ in power. Their schedules will be found at page 9. Postal address: Apartado 800.

### CUBA

From Habana comes advice that Station COCQ has changed hands, no longer belonging to "La Casa de las Medias y los Cigarros Competidora Gaditana," the present title being "CMQ del Jabon Candado, y COCQ de la Crema Dental Colgate y el Jabon Embellecedora Palmolive." In translation this is CMQ of Padlock Soap, and COCQ of Colgate Dental Cream and Palmolive Beauty Soap. Sounds almost commercial.

Luis Casas, Jr., Engineer of COCO, states they are now using 2500 watts in the antenna and reports from friends in the North are most encouraging.

### DOMINICAN REPUBLIC

HI7P Emisora "Diario del Comercio" of Ciudad Trujillo is owned and operated by the daily newspaper of that name, the director being Jose M. Roque Roman. Assigned frequencies are 1300 and 6800 kc respectively, and street address: Calle Jose Reyes No. 35.

Surpassing station HIN, previously the best heard Dominican on the Pacific Coast, the Government station HIX now operates Tuesday and Friday evenings from 8 till 10 p. m. on several of the following frequencies: HIX 800 kc, HI1X 6340 kc, HI2X 11,960 kc, and HI3X 15,260 kc. Concerts of the First Regimental Band of the National Army have been heard well over HI2X.

### ECUADOR

A very capable observer reports: HC2OBA, actually 9445 kc uses the slogan, "La Voz del Alma" (The Voice of the Spirit or Soul). Comes on every night except Sundays at 8:10 and signs off at 10:10 to 10:15 p. m. regularly. Have checked this a score of times. Not a word of English is spoken, and a lady does some of the announcing. The man announces thusly: "HC-dos-O! (as if someone suddenly stuck a pin in him), then finishes very hurriedly BA (as if fearing another pin-prick). From the Argentine this station is reported as HC2ODA or HC2OTA "La Voz del Aire" (The Voice of the Air), so we are at least making progress. The Prof. has had no luck whatever in tuning for this station.

Mr. A. Wilmot of Alvarado & Wilmot, Owners of "Ondas del Pacifico" HC2CW, expresses the wish to receive the REPORTER and adds that transmissions open and close with the march "Sangre Ecuatoriana" (Ecuadoran Bred). Frequency 8404 kc and address: Casilla 1166, Guayaquil.

### FIJI ISLANDS

Radio Suva VPD-2 appears to have abandoned the frequency of 8,719 kc for the former one of 9,540. Leaving the air as it does at 7 a. m. EST (midnight Suva time) reception is not particularly good on the Pacific Coast as this frequency does not reach its peak until sunrise. A stanza of God Save the King closes the session. We've often wished W9XF and W3XAL might be content with the playing of but a stanza of the Star Spangled Banner at a time we're seeking to catch the sign-off of stations on their fringe.

### GREAT BRITAIN

From the Engineering Division of the B. B. C., dated 24th February, we have the following: "Thank you for your letter of February 1st and for the enclosed reports from QRC Members. We were pleased to see that the introduction of the two 6 Mc/s frequencies during the period of poor propagation conditions from December 30th to January 30th had been successful in maintaining the service in spite of the fairly high interference level. You will no doubt have noticed that on January 31st these frequencies were replaced by GSD 11.75 Mc/s in order to take advantage of the improved propagation conditions which had been observed. There has been a further increase in solar activity during the last week in February and we shall probably introduce even higher frequencies into this transmission at the end of the month. We should therefore appreciate any further reports you might care to let us have indicating the effect of these changes on your reception of the Empire Station."

The best reception of a Daventry station we have yet experienced on the West Coast was GSD just at sundown early in March, the announcer having stated that it was snowing in Daventry and had somewhat disrupted the service to the extent that other than the usual aerial was being used for GSC. After sundown, however, a slight fade developed, though it might not have been perceptible with automatic volume control.

### HOLLAND

L. G. Wybrands, Second Announcer for stations PHI and PCJ, expresses his appreciation of the reports received from QRC Members and advises that PCJ's transmitter has been transferred from Eindhoven to Hilversum. The present schedule is as shown in our Broadcast Schedule. Edward Startz is, of course, the Chief Announcer and it is he whose voice is heard on the Wednesday broadcasts. Reports should be addressed: PhohiStudios, Hilversum, Jan v. d. Heydenstraat 41, Holland.

## JAPAN

The Overseas Section, Broadcasting Corporation of Japan, writes the QRC as follows: "I should like to express my hearty thanks for your kind anticipation for our overseas broadcasts. It is a great help to let us know how they are going. We send much regards to all the Members of the Club. We began three new shortwave broadcasts from January 1, 1937, and if you could pick up some in the list enclosed and write to us, we shall be much obliged. According to the reports received here from your country, we are surprised that JVT which we have been using for Manchukuo, goes very well, while JZJ which we purposely use to be heard at the west coast of U. S. A. does not go well. We think much improvement should be done for this broadcast."

While it is true that JVT is the best heard Japanese station on the Pacific Coast, that is before daylight—not a convenient hour for the listener. The QRC has recommended the use of JZJ, except in winter, for reception at sunset and the first hour following sunrise. It will be interesting to note the result if these recommendations should be followed.

## MEXICO

The old ogre of "assigned" versus "actual" frequencies haunts us still. Every time any station deviates from its assigned or announced frequency—and dozens do so daily either by accident or by choice—members are sure to direct our attention to the fact that it is not on the frequency listed; or, if listed on its actual frequency and heard to announce another, members are just as certain to tell us it is not listed on the frequency announced. There seems to be less argument if we list stations where they claim to be and let it go at that. Whichever we do will be wrong—as in playing the stock market—but we feel it is not our province to tell stations they are at fault. A change of frequency is permanent while a deviation is subject to correction at any moment. Changing the list in an attempt to keep pace with momentary deviations is futile. By listing only the assigned or announced frequencies we stand a better chance of being right. Should any deviation then occur, the fault will not be ours.

The cause of this outburst is that we are told others list XEDQ on 9.480 while we show them on 9.520 (their assigned frequency) a channel already occupied. Having been crowded off the band, XEDQ has been wandering about for some time in search of a haven, but we consider it useless to pursue them about the spectrum. Recently they were observed on 9.448, neither of the other frequencies mentioned being in fact correct. A further cause was the need to explain why we list HJ1ABP on 9.617—their actual frequency—in the Broadcast Schedule, and 9.600—their assigned frequency—in Station Data. 9.617 was thought an error, since the station announces 9.600. At least this explanation would not have been necessary had we not sought to be precise!

Sr. Enrique Arzamendi, Managing Director of XEPW "La Voz del Aguila Azteca desde Mexico" (The Voice of the Aztec Eagle from Mexico) advises their assigned frequency is 6,110 kc, relaying XEJW 870 kc. Musical signature: "Valladolid Azteca." Station is the property of Jose G. Garza Fox & Son, with studios at Carpio No. 137 altos, Colonia de Santa Maria, and postal address: Apartado 8403, Mexico, D. F.

Lic. Jose Rivera P. C., Official Mayor of the Autonomous Department of Publicity and Propaganda of the Mexican Government, kindly advises of the inauguration of activities of stations under that Department with a special concert from 8:30 to 9 p. m. Sunday, March 15, originating with X.E.D.P. 1080 kc and relayed by X.E.X.A. 6.130 kc. It is possible that these Sunday concerts may be heard with regularity.

Sr. Arturo Contreras V., Manager of XECU of Guadalajara, Jalisco, communicates that the frequency of his station is 6075 kc, the schedule as shown at page 10 herein, and the musical signature "Ojos Tapatios," meaning Eyes of the Mexicanitas of that region. Station is operated commercially by the Union Nacional de Industria y Comercio with offices at Hidalgo 579.

### MOZAMBIQUE

Every listener on the Pacific Coast should now be able without difficulty to log CR7BA Lourenco Marques, Portuguese East Africa, on 11.718 kc especially during their week-day programs from 6:30 to 8 a. m. PST (9:30 to 11 a. m. EST). The corresponding time in Lourenco Marques is 4:30 to 6 p. m. and it is apparent that either the earlier sunrise here or the earlier sunset there affords the favorable path for the radio wave. After Tokio JZJ 11.800 leaves the air at 7 a. m. PST, CR7BA has the band to itself. At least it is the strongest station then to be heard! The hour is too late to favor eastern reception, but listeners there might be on the look-out for CR6AA Lobito, Angola 9.660 whose reception is occasionally being reported.

The Russian station on 11.710 signs in code "ria" but now Moscow is also heard broadcasting at 10:30 a. m. EST near 11.740, possibly RKF.

### PANAMA

We are fortunate in being able to present some very recent information on the stations of this country in our Station Data section of this issue.

### SPAIN

"Aqui 'La Voz de Espana, Estacion EAQ numero dos, Madrid" 20 kw 9.480 (31.65) suddenly put in appearance on the West Coast with a very strong steady signal, though there is a trace of distortion. War News in Spanish and Portuguese and recorded music from 5:30 to 9:30 p. m. EST daily. In referring to the Italians, witty is the charge—iniquity and ubiquity. Reports are requested—agradeceriamos a cuantos nos oyeran se sirvan comunicar el resultado. Apartado de Correos 951, Madrid.

## U. S. A.

Mr. Eugene S. Darlington, In Charge, Short-wave Broadcasting, General Electric Company, advises the QRC inter alia: "The power of W2XAD was increased in January. Formerly the power was about 7.5 kilowatts carrier, using Class A high-level modulation. We are now using Class B low-level on W2XAD, with a carrier power of 15 kilowatts. A European beam is used on W2XAD, giving the effective power of W2XAD in that direction about 150 kilowatts. W2XAF has a carrier power of 27 kilowatts, Class B low-level modulation, with a beam directed on South America. The effective carrier power on the South American beam is 270 kilowatts."

## VENEZUELA

Messrs. Oscar Croquer, Manager, and O. Paz Castillo, Director of YV4RD "La Voz de Aragua," Maracay, State of Aragua, operating on 6,300 and 1,150 kc respectively, have had the kindness to thank QRC Members for the reports on the reception of their test transmissions, as a result of which they expect this month their signals will be clear and strong. Verification cards will soon be issued, bearing the classic "joropero" and typical ranch. This should give listeners a clear idea of a typical rural scene in Venezuela where "joropo" music originated, as represented by the musical signature of this station—the Joropo Aragueno, perhaps not unlike our barn dance.

Sr. Alberto Fortoul H., Director of "La Voz de la Philco" YV5RP 6270 kc, relaying YV5RQ 882 kc of Caracas, has had the kindness to thank QRC Members for reports on his test broadcasts, adding that "We expect to be on the air about the first of March with the following daily schedule: 6 to 9 a. m., 10 a. m. to 2 p. m. and 4 to 11 p. m. with 1200 watts power and 100% modulation. Our plant has been constructed of the most up-to-date material manufactured in the United States by General Radio and Western Electric Company. Studios have been designed by the engineers who built the NBC studios in the States using the same insulation and acoustical materials to guarantee a perfect broadcast. Air conditioned throughout. Our broadcast will emanate from a 285-foot single directional tower, the tallest ever erected in this country and the first of its kind. Total elevation is approximately 2700 feet above sea-level. Musical and artistic direction, as well as the entire organization, will be in the charge of competent and experienced personnel and only the best local and foreign talent will be used in our presentations. The writer hopes this information may be of interest to QRC Members. Have spent 12 years in Sunny California. It's lovely here, too!"

La Voz de la Philco is the property of Casa Philco of Victor M. Coto, the postal address being: Apartado 508.





BROADCAST SCHEDULE--EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
6.128	48.96	Barranquilla, Col.	HJ1ABB														MTWTFSS
6.130	48.94	Habana	COCD								9	10					S
6.130	48.94	Halifax	VE9HX								9	10					S
6.130	48.94	Georgetown, Br. Guiana	VP3BC														S
6.140	48.86	Medellin	HJ4ABD														SMTWTFSS
6.140	48.86	Pittsburgh	W8-XK														SMTWTFSS
6.150	48.78	Perelra	HJ4ABU								9 $\frac{1}{2}$	10					SMTWTFSS
6.150	48.78	Winnipeg	CJRO								9 $\frac{1}{2}$	10					S
6.150	48.78	Santiago	HI-5N								11 $\frac{1}{2}$	12					MTWTFSS
6.150	48.78	Caracas, Venezuela	YV5RD								10 $\frac{1}{2}$	11 $\frac{1}{2}$					SMTWTFSS
6.170	48.62	Chiclayo, Peru	OAX1A								3 $\frac{1}{2}$	4 $\frac{1}{2}$					SMTWTFSS
6.174	48.59	Mexico City	XE-XA								8	10					SMTWTFSS
6.190	48.47	Santiago	HI-1A								10 $\frac{1}{2}$	11 $\frac{1}{2}$					S
6.200	48.39	Santiago de Cuba	COKC								10 $\frac{1}{2}$	11 $\frac{1}{2}$					SMTWTFSS
6.210	48.31	Coro, Venezuela	YV1RI								12	1					S
6.230	48.15	Valera, Venezuela	YV1RG								4	6					MTWTFSS
6.235	48.11	La Ceiba	H R D								4	6					MTWTFSS
6.240	48.08	Trujillo City	HI-8Q								12	1					S
6.243	48.05	Trujillo City, Dom Rep.	H I N								12	1					S
6.260	47.92	Lima	OAX4C								11	12					MTWTFSS
6.270	47.85	Caracas, Venezuela	YV5RP								11	12					MTWTFSS
6.280	47.77	Trujillo City	H I G								11	12					MTWTFSS
6.280	47.77	Sancti-Spiritus	CO-HB								11	12					MTWTFSS
6.300	47.62	Maracay, Venezuela	YV4RD								6	7					MTWTFSS
6.316	47.50	Trujillo City	H I Z								7	8					MTWTFSS
6.340	47.32	Trujillo City, D. R.	HI-1X								7	8					S
6.351	47.24	San Pedro Sula	HRP-1								12	1					MTWTFSS
6.360	47.17	Mavacaibo	YV1RH								11	12					T
6.375	47.06	Caracas, Venezuela	YV5RF								5\frac{1}{2}	6\frac{1}{2}					MTWTFSS
6.400	46.88	Caracas, Venezuela	YV5RH								5\frac{1}{2}	6\frac{1}{2}					MTWTFSS
6.410	46.80	San Jose	TIPG								7\frac{1}{2}	8\frac{1}{2}					MTWTFSS
6.420	46.73	Puerto Plata	HI-1S								7\frac{1}{2}	8\frac{1}{2}					MTWTFSS
6.480	46.30	Trujillo City	HI-8A								11\frac{1}{2}	12\frac{1}{2}					MTWTFSS
6.483	46.27	Trujillo City	HI-4V								11\frac{1}{2}	12\frac{1}{2}					MTWTFSS
6.503	46.12	Trujillo City	H I L								11\frac{1}{2}	12\frac{1}{2}					MTWTFSS









**SENSATIONAL *New* SCOTT "MAGIC LINK"  
CONQUERS "Man-Made" STATIC**



**23 Tube High Fidelity SCOTT Equipped  
with "MAGIC LINK" IN AMAZING DEMONSTRATION  
PROVES QUIET FOREIGN RECEPTION  
NOW POSSIBLE IN BAD RECEIVING LOCATIONS**

On Wednesday, October 7, 1936, at the SCOTT Radio Laboratories, a small group of radio engineers and short wave enthusiasts were shown, for the first time, the latest development of the SCOTT Research Laboratories. They intently watched two radio sets at one end of a room—both connected to the same lead-in with a two-way switch, and both tuned in to DJB, Germany, 15.20 megacycles.

### Germany Blotted Out

Suddenly, within three feet of these receivers, a terrific barrage of interference was turned on—from a violet ray machine, vacuum cleaner and automobile ignition coil, buzzing out streams of "man-made" static! What happened? From one receiver came a deafening roar such as you would hear in a boiler factory—and the program from Germany was completely blotted out!

### Clear With "Magic Link"

The two-way switch on the antenna was then thrown to the 23-tube SCOTT equipped with

the sensational new "MAGIC LINK", the SCOTT Supershield Antenna Coupling System, and from Germany, over 4,000 miles away, the program came in as crystal clear, strong and enjoyable as a local station—all without the slightest trace of "man-made" static from the violet ray machine, vacuum cleaner and spark coil, each crashing and spluttering only three feet away from the antenna lead-in.

### Quiet Foreign Reception Now Possible for First Time in Many Locations

The climax of 8 years of tireless research, this sensational new development means that "man-made" static on the short waves, caused by electrical appliances and picked up on the lead-in has, for the first time, *been conquered without loss of signal strength!* Up to this time foreign reception from England, Germany, France, Italy and many other foreign stations has been spoiled for thousands of residents of apartment build-

## E. H. SCOTT RADIO LABORATORIES, INC.

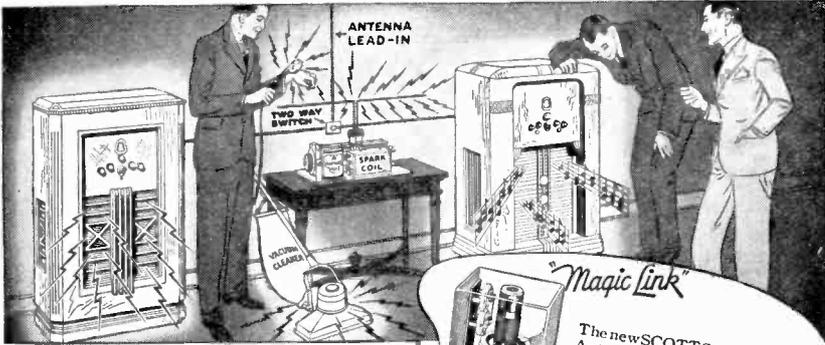
Ravenswood Avenue,

630 Fifth Avenue, New York, N. Y.

Chicago, Illinois

115 N. Robertson Blvd., Los Angeles, Cal.

Builders of the World's Finest Custom-Built Radios Since 1924



**WHAT SCOTT SUPERSHIELD ANTENNA COUPLING SYSTEM ACCOMPLISHES**

1. Doubles sensitivity or distance-getting ability of antenna and receiver combination, as compared with best results with any previous noise-reducing antenna with inefficient shielded coupler.
2. Improves antenna lead-in signal to noise ratio by 100 to 1.
3. Eliminates shielded coupler switch. Switching from broadcast to short wave bands is automatic with SCOTT Supershield Antenna Coupling System.

ings, hotels and homes by the static from electrical appliances picked up on the antenna lead-in. Now these programs can be heard clearly and quietly with the 23-tube SCOTT equipped with the new SCOTT Supershield Antenna Coupling System.

**Compare In Your Own Home**

We invite you to make a 30-day side-by-side comparison test of the SCOTT against any other receiver, regardless of price. If the SCOTT does not bring in foreign and domestic stations with more volume, greater clarity, and with finer and more natural tone, we will refund your payment price without question.

*"Magic Link"*  
 The new SCOTT Supershield Antenna Coupling System—100 times more effective than any other "noise reducing" system in slashing away from the lead-in "man-made" static so disturbing to enjoyable, dependable foreign reception.

It is impossible to describe the sensational increase in listening pleasure which this new development now makes possible. Only by an actual *listening test* can you appreciate how much more enjoyably foreign short wave stations can now be received on the 23-tube SCOTT.

Send TODAY for complete proof — and full description of this remarkable new development that now makes possible in conjunction with the 23-tube FULL RANGE HIGH FIDELITY SCOTT Receiver, unparalleled tone, and distance performance in every continent of the globe. Discover this vast new world of radio entertainment you will never hear without a SCOTT. SEND COUPON NOW.



**FREE-SEND TODAY FOR DETAILS**

E. H. Scott Radio Laboratories, Inc.  
 Ravenswood Ave.,  
 Chicago, Ill.

Send details of unequalled D X Tone of 23-Tube SCOTT with new "Magic Link" Antenna Coupling System.

Name .....

Address .....

City.....State.....



"BIG TIME" PROGRAMS

PM EST	W2XAF Schenectady	W8XK Pittsburg	Columbia
8:00	Latin Am. Concert	Bway Merry-go-round	Cavalcade
:15			
:30		Ethel Barrymore	Burns and Allen
:45			
9:00	Town Hall Tonight	Professional Parade	Chesterfield Pgm.
:15			
:30			Palmolive
:45			
10:00	Your Hit Parade	Vic and Sade	Gang Busters

THURSDAY

6:00	Spanish Program	News	Patti Chapin
:15		Harry Kogen's Or.	Clyde Barrie
:30	Press-Radio News	Sports; Weather	News
:45		Lowell Thomas	Pretty Kitty Kelly
7:00	Amos 'n' Andy	Easy Aces	Poetic Melodies
:15	Spanish News	Baron Elliott's Or.	Ma and Pa
:30	SCIENCE FORUM	Lights On	Alex. Woolcott
:45			Boake Carter
8:00	Rudy Vallee	Muskingum Cent. Pgm.	Kate Smith
:15			
:30		Boston Symphony	
:45			
9:00	Lanny Ross		Major Bowes
:15			
:30		Town Meeting	
:45			
10:00	Bing Crosby		Floyd Gibbons

FRIDAY

6:00	Education	News	Ray Heatherton
:15	Barry McKinley	Azinsky Ensemble	News of Youth
:30	Press-Radio News	Sports; Weather	News
:45	Spanish Program	Lowell Thomas	Pretty Kitty Kelly
7:00	Amos 'n' Andy	U. S. at Work	Mortimer Gooch
:15	Uncle Ezra	Allegheny Metal	Ma and Pa
:30	Stock Reports	Musical Moments	Buddy Clark
:45	Mex. Caballeros	House Jacks Build	Boake Carter
8:00	Spanish News	Irene Rich	Broadway Varieties
:15	Cities Service	Singin' Sam	
:30	WGY Farm Forum	Death Valley Days	Hal Kemp's Or.
:45			
9:00	Frank Munn	Universal Rhythm	Hollywood Hotel
:15			
:30	Human Relations	Twin Stars	
:45			
10:00	First Nighter	Jack Pearl	Phila. Symphony

SATURDAY

6:00	Top Hatters	News	Ben Feld's Or.
:15		One Minute Sermons	
:30	Press-Radio News	F. H. A. Talk	Eton Boys
:45	Religion in News		Howard Barlow Or.
7:00	Jimmy Kemper	Message of Israel	Swing Club
:15	Hampton Institute		
:30	Stock Reports	Question Bee	
:45			
8:00	Saty Nite Party	Ed Wynn	Prof. Quizz
:15			
:30		Musical Festival	Philip Morris Pgm.
:45			
9:00	Snow Village	Natl. Barn Dance	Floyd Gibbons
:15			
:30	Joe Cook		Symphony
:45			
10:00		Cornfield Follies	Hit Parade
:15			
:30	Irvin S. Cobb		Song Stylists
:45			Benny Goodman's Or.
11:00	Piano Recital	News	

**"BIG TIME" PROGRAMS**

In this issue we have devoted two pages to an outline of entertainment programs originating on the principal eastern net-works and which may be heard via shortwave. Not all of the best programs are broadcast from coast to coast and unless the shortwave listener may conveniently refer to a reminder, he may miss programs which he would have enjoyed hearing. This, of course, is of interest only to listeners in localities not served by the networks.

We anticipate that some listeners—particularly DX'ers—not so situated, may vigorously protest that in giving attention to entertainment programs we've turned "sissy." The "real DX'er" revels in delving beneath heterodynes or inflicting his timpanos with bursts of static in an effort to "sense" the identity of a distant station difficult to understand. He scorns as tame sport the listening to enjoyable entertainment for entertainment's sake. Hence our expectation of protests that these two pages have been wasted, so we suggest that if any listener finds these outlines helpful and wishes their continuance, he had best make known his wish.

**STATION DATA****MARTINIQUE**

"Radio Fort-de-France," Fort-de-France, Martinique, F.W.I. 9,450. Edouard Boullanger Fils, Owners.

**MOZAMBIQUE**

CR7BA Lourenco Marques 200 w 11.718, CR7AA 6.137 (s) March. Station identification approximately each half hour. No interval signal. Week-days a man announces, introducing musical selections with the phrases, in Portuguese, "A seguir——" and, in English, "And now—," Sundays commercial programs with English announcements by a lady. Caixa Postal 594.

**NETHERLANDS**

PCJ Hilversum 9.590, 15.220, PHI 17.770 (s) "William of Nassau," National Anthem. Chief Announcer: Edward Startz. Second Announcer: L. G. Wybrands. Owned by N. V. Philips' Omroep Holland-Indie of Eindhoven, Emmasingel 29. Address: Phohi Studios, Hilversum, Jan v. d. Heydenstraat 41.

**NETHERLAND EAST INDIES**

PLP Bandoeng 1½ kw 11.000; YDB Soerabaia 1 kw 9.665; PMN Bandoeng 1½ kw 10.260; PMH Bandoeng 1½ kw 6.727; YDC Bandoeng 3 kw 15.150—approximately in the order of their signal strength in North America. (s) Morning Session (Java time, not heard in U. S.) "Sing as We Go"; Evening Session (morning in U. S.) "End of a Perfect Day." N. V. Nederlandsch Indische Radio-Omroep Mij. (N.I.R.O.M.), Owners. Address: Koningsplein West 5, Batavia-Centrum, Java.

PMY Bandoeng, Java 1 kw 5.170. Bandoengsche Radio-vereening, (Radio Club) Nillmij-Gebouw, Java.

**NICARAGUA**

- YNAM "La Voz del Pacifico," Managua, D. N., 7.200.
- YNIGG "La Voz de los Lagos," Managua, D. N., 6.533. Raul Gutierrez I. & Co., Ltd., Owners.
- YNGU "Alma Nica," Managua, D. N., 30 w 9.300.
- YNLF "La Voz de Nicaragua," Managua, D. N., 1 kw 7.600, 9.650. Empresa LeFranc, Owners. Calle 15 de Septiembre, No. 206.
- YNLG "De Ruben Dario," Managua, D. N., 150 w 8.505. Benjamin Guerra L., Mgr.
- YNOP Radiodifusora "Bayer," Managua, D. N., 1 kw 5.758. Ernesto H. Andreas, Technical Director. Edmundo Tefel, Manager. (For veri send unused U. S. 3 cent stamp, as IRC invalid in Nicaragua.)

**NORWAY**

- LKJ-1 Oslo (Jeloy) 1 kw 9.530, 6.130. Interval signal: Motif from Grieg's "Sigurd Jorsalfar." (s) "Sang for Norge," National Anthem. Government station.

**PANAMA**

- HP5B "Estacion Miramar," Panama City 100 w 6.030 (s) March "Panama" by Galimany, Panaman composer. Guillermo Endara P., Mgr. Enrique Linares, Jr. (of Santa Clara University), Chief Engineer. Apartado 910.
- HP5F "La Voz de Colon," Colon 6.080. Manuel D. Joly E., Commercial Agent. Servicio Publico de Radio, S. A., Owner. Address: Carlton Hotel. P. O. Box 405.
- HP5I "La Voz del Interior," Aguadulce 11.895 (s) "El Tambor de la Alegria" (The Drum of Joy) a typical Panaman ballad. Interval signal: Three strokes of gong thrice on hour and half-hour. Pleased to verify without requiring coupons.
- HP5J "La Voz de Panama," Panama City 160 w 9.590 (variable). Manuel Diaz Doce, Manager. G. Williams, News Commentator, Box 34. Servicio Publico de Radio, S. A., Owner. Caja Postal 867.
- HP5K "La Voz de la Victor," Colon 6.005. Apartado 33.
- HP5L "Las Ondas del Baru," David, Chiriqui Prov. 350 w 11.740. Leo Marchosky, Mgr. Apartado 129.

**PERU**

- OAX1A "La Voz de Chiclayo," Chiclayo 300 w 6.170 (s) Ted Lewis' "Good Night Melody." Delcar Radio Co. (J. Carlos Montjoy D.) Owners. Address: Casilla 9.
- OAX4D "La Voz del Peru," Lima 5.780. (s) Morse signal modulated at 1,000 c.p.s. L. A. Anderson, Manager. All America Cables, Inc., Owner. Casilla 2336.
- OAX4G "De la Casa Grellaud," Lima 6.230. (s) Ted Lewis' "Good Night Melody." Roberto Grellaud y Cia., S. en C., Owners. Street Address: Avda. Abancay 915-923. Apartado 1242.
- OAX4J "La Voz de Lima," 9.520 (s) National Anthem with vocal chorus. Radio Internacional, S. A., Owner. Apartado 1166.
- OAX4Z "Radio Nacional," Lima 6.092 relays OAX4A 854. (s) National Anthem with vocal chorus. Government station.
- OAX5B "Radio Universal," Ica 11.796.

**POLAND**

SPW Polskie Radjo, Warsaw (Babice) 10 kw 13.635. Government Station. Ing. S. Karaffa-Kraeuterkraft, Secretaire General. Address: 5, Mazowiecka St.

**PORTUGAL**

CSW Emissora Nacional de Radiodifusao, Lisbon 5 kw 9.940, 11,040. Government owned, under direction of Ministry of Public Works and Communications. Street Address: Rua do Quelhas.

CT1AA Radio Colonial, Lisbon 2 kw 9.650. Interval Signal: Cuckoo call thrice. (s) "A Portuguesa," National Anthem. Abilio Nunes dos Santos, Jr., Owner. Av. Antonio Augusto d'Aguair, 144.

**SIAM**

HS8PJ Bangkok (Saladeng) 5 kw 9.350, 19,020 Interval Signal: 3 chimes in ascending scale. Government Station. Lt. Col. Phra Aram-ronajit, Superintending Engineer of Radio Section, Post & Telegraph Dept. Address: Experimental Shortwave Broadcasting Station HS8PJ, Bangkok.

**SOUTH AFRICA**

ZTJ Johannesburg 5 kw 6.097. (s) "Die Stem van Suid Afrika" and "God Save the King." African Broadcasting Co., Ltd., P. O. Box 4559.

**SPAIN**

EAQ Madrid (Aranjuez) 20 kw 9.860. Programs open with Spanish "pasodoble" (quickstep) and close with the "Himno de Riego," National Anthem. Transradio Espanola, S. A., Apartado 951.

**SWEDEN**

SM5SX Stockholm 400 w 11.705. Uses neither interval signal nor musical signature. K. F. Stordal, Operator. Royal Technical University (Kungl. Tekniska Hogskolan), Stockholm.

**SWITZERLAND**

"Radio-Suisse—Radio-Nations," Geneva HBH 18.480, HBF 18.450, HBJ 14.535, HBO 11.402, HBL 9.595, 9,345, HBP 7.797, HBQ 6.675. C. H. Calame, Chief of the Wireless Service. Address reports on League of Nations Bulletin broadcasts to Information Section, League of Nations, Geneva. For other broadcasts address: Radio-Suisse, Quai de la Poste, 12, Geneva. If verification desired, send IRC.

**TAHITI**

FO8AA Radio Club Oceanien, Papeete 200 w 7.100 (s) Opening "La Marseillaise," closing "Aloha Oe" or "Farewell to Thee." Alfred T. Doroi, President.

**UNION OF SOVIET SOCIALIST REPUBLICS**

Moscow RAN 9.600, RNE 12.000 RV-59 6.000 (s) "Internationale." Inna Marr, Chief Editor, Radio Center, Solyanka 12, Moscow, U.S.S.R.  
RV-15 Khabarovsk 4.245. Rowena Meyer, Editor, Radio Committee, Khabarovsk, U.S.S.R.

**UNITED STATES OF AMERICA**

W1XAL Boston, Mass. 10 kw 6.040, 11,790, 15,250, 21.460. Ruth Stanford, Corresponding Secretary. World Wide Broadcasting Foundation, Owners, University Club, Trinity Place, Boston.

W1XK Millis, Mass. 10 kw 9.570 (s) Stars and Stripes Forever. Westinghouse Electric & Mfg. Co., Owners, Bradford Hotel, Boston. (Won't verify.)

W2XAD Schenectady, N. Y. 15 kw beamed on Europe, 15,330. W2XAF 27 kw beamed on South America, 9,530. (s) Star Spangled Banner. E. S. Darlington, In Charge SW Broadcasting, General Electric Co., 1 River Road, Schenectady.

W2XE New York, N. Y. (Wayne, N. J.) 5 kw 6.120, 11.830, 15,270, 17,760, 21,520, (s) Star Spangled Banner. Atlantic Broadcasting Corp., Owners, 485 Madison Av., New York, N. Y.

W3XAL Bound Brook, N. J. 12-15 kw 17,780, 25-30 kw 6.100 (s) Star Spangled Banner. For verifications address: Audience Mail, National Broadcasting Co., Inc., RCA Building, 30 Rockefeller Plaza, New York, N. Y.

W3XAU Philadelphia (Newtown Square) Pa. 10 kw 6.060, 9.590. J. G. Leitch, Technical Supervisor, WCAU Broadcasting Co., 1622 Chestnut St., Philadelphia, Pa.

W4XB Miami Beach (Collins Island in Biscayne Bay) Fla. (Under reconstruction to comply with required power increase). Jesse H. Jay, Gen. Mgr. Milton C. Scott, Jr., Chief Engr. Isle of Dreams Broadcasting Corp., News Tower, Miami, Fla.

W8XAL Cincinnati (Mason) Ohio 10 kw 6.060. J. A. Chambers, Technical Supervisor, The Crosley Radio Corp., Cincinnati, Ohio.

W8XK Pittsburgh (Saxonburg) Pa. 40 kw 6.140, 9.570, 11.870, 15.210, 17.780, 21.540 (s) Stars and Stripes Forever. D. A. Myer, Plant Manager, Westinghouse Electric & Mfg. Co., Grant Building, Pittsburgh, Pa. (Won't verify.)

W9XAA Chicago (Downers Grove) Ill. 5 kw 6.080, 11.830, 17.780. Maynard Marquardt, Technical Supervisor, 666 Lake Shore Drive, Chicago.

W9XF Chicago (Downers Grove) Ill. 10 kw (s) Star Spangled Banner. T. E. Schreyer, Operating Supervisor. For verifications: Audience Mail, National Broadcasting Co., Inc., Merchandise Mart, Chicago.

#### URUGUAY

CXA-2 Montevideo (Sayago) 6.035. Ernesto Racine, Co-Owner. Studios: Rio Negro 1631.

CXA-4 Montevideo 6.125 (Government Station) Hector M. Laborde, Director. Studios: Mercedes 823.

#### VENEZUELA

YVIRB "Ecos del Zulia," Maracaibo, State of Zulia 5.850 (s) "Strike Up the Band." L. Garcia Nebot, and Juan Suarez Castro, Owners. Offices and Studios: Vargas esq. a Zamora. Transmitter: Delicias (El Paraiso). Apartado 37.

YVIRD "Radioifusora Maracaibo," Maracaibo 6.070. Nicolas Mantellini, Operator. Apartado 100.

YVIRG "Radio Valera," Valera, State of Trujillo 6.230. Pedro Febres Jelambi, Director. J. L. Febres Jelambi, Owner.

YVIRH "Ondas del Lago," or "Emisora Philco," Maracaibo 6.360. G. Nouel, Technical Director. Apartado 261.

YVIRI "Radio Coro," Coro, State of Falcon 6.210.

YV1RL "Radio Popular," Maracaibo 5.930. Apartado 247.

YV2RA "La Voz del Tachira," San Cristobal, State of Tachira 5.720 (s) "El Capitan," march. Juan A. Chacon, Director. Jesus M. Diaz Gonzalez, Owner.

YV3RA "La Voz de Lara," Barquisimeto (Santa Rosa), State of Lara 5.880 relays YV3RC 1273 kc (s) "Marcha del Rey Don Carlos" (King Charles March). Sigala & Ramos, Owners.

YV4RB "La Voz de Carabobo," Valencia, State of Carabobo 500 w 6.520. Guillermo Degwitz, Owner.

YV4RD "La Voz de Aragua," Maracay, State of Aragua, 6.300, YV4RG 1,150 (s) "El Aragueno," a typical Venezuelan joropo composed by Manuel Briceno. Station identification on quarter hour with background music. O. Paz Castillo, Director. Oscar Croquer, Manager.

YV4RH Valencia 5.910.

YV5RC "Radio Caracas," Caracas 1 kw 5.800 (s) March "1RC." Ricardo Espina, Director. Alberto Lopez L., Chief Engineer. C. A. Almacen Americano, Owner. Apartado 2009.

YV5RD "Radiodifusora Venezuela," Caracas 6.150. Hermann Degwitz and Gerardo Siblesz, Directors. Transmitter at Las Barrancas, three miles from Caracas. Studios: Interior del Pasaje Ramella.

YV5RF "Ecos del Caribe," Caracas 6.375. Manuel Arraez, Director. Sociedad Anonima de Radio, Owner. Apartado 983.

YV5RH Emisora "Ondas Populares," Caracas 6.400. Gonzalo Veloz Mancera, Owner and Operator. Studios and Transmitter: Los Jardines El Valle (Valley Gardens) in downtown Caracas. Apartado 1931.

YV5RP "La Voz de la Philco," Caracas 1,200 w 6.270, relays YV5RQ 882 kc. Albert Fortoul H., Director. La Casa Philco de V. M. Soto, Owner. Apartado 508.

YV6RB "Ecos del Orinoco," Ciudad Bolivar, State of Orinoco 300 w 6.545. Enrique Torres Valencia, Owner. Apartado 34.

### CASTELLANO

We have observed that, in Spanish, the sound of an unaccented weak vowel (U or I) blends with that of a strong vowel (A, E or O) forming a single syllable. If the weak vowel bears the accent, however, it becomes a strong vowel and there are two separate syllables, for in Spanish there are as many syllables in a word as there are vowel sounds in it. Usually the syllable ends in a vowel, and whenever possible, words should be so divided. The triphthong which we were later to discuss is the union of three vowel sounds, and this can only occur between two unaccented weak vowels and a strong vowel. There are but four such possible combinations, so they won't trouble us much. They are: iai, iei, uai, uei. You may recall that the diphthong AI sounds exactly as English I (eye), and EI exactly as English A (as in "seine"). Convert the initial I to a Y, and the initial U to a W and you have the complete sound of the triphthong. Illustration is diffi-

cult because the combinations are rare in English, particularly the first. Brooklynese comes closer as something in "y'eye"; "yea," verily; "wi" as in "wire"; and "way" down south.

To complete our syllables we must employ some consonants. F, K, L, M, N and P always have the same value in Spanish as in English. B and V are nearly the same as in English except that the lips are not pressed tightly together in pronouncing B, nor do the upper teeth press tightly against the lower lip in uttering V. Both are half-way between so that ordinarily upon hearing them spoken, a Spanish speaking person cannot distinguish one from the other. In Mexico, to make it clear which is meant, they commonly use index words: B de burro, and V de vaca. The burro is sometimes known as the canary of the desert, who sings "hee haw," and the vaca supplies the atmosphere on the Contented Hour, her song being "moo." Respectively we might call them a donkey and a cow. Now, we might just as well start dividing syllables. There are two vowels in each of these words, therefore two syllables in each. By dividing the syllables so that they end in vowels where possible, we get the following division: bu'rro, va'ca. Now please say "booh-rroe." The double R should be trilled or rolled slightly, but the Prof. had to practice it two years before he could accomplish the feat, so we'll just skip it for the nonce. If gifted with a Scotch burr, it should be simpler. Incidentally Webster's pronunciation of the word is not Spanish and is exactly the way the word should NOT be pronounced. Vaca presents less difficulty. Clearly there are two syllables: va'ca. Words ending in a vowel are usually accented on the penultimate or next to the last syllable. Otherwise they are irregular and must be marked with the written accent—which is going to give us plenty of trouble for the linotype with which this is set, is not equipped with such marks. To fix the word "vaca" in your memory, we'll relate that a toreador (bull-fighter) will not meddle with one because, instead of closing her eyes, she'll turn and hook him where he least expects it.

#### ILLUSTRATED STATION LIST

Stations using voice or music are shown in CAPITAL LETTERS. Telegraph stations, as frequency "markers," are shown in small letters. The figures indicate frequency in channels of 10 kilocycles, or the exact spot on the dial of your receiver at which the stations should be heard. The frequencies shown are accurate and may be relied upon implicitly for the calibration of receivers.















(Continuation from Inside Cover.)

The weight of heavier coins is too concentrated, and nickels and coppers are too heavy for their value. For fractions of a dime, unused stamps are acceptable.

#### CONNOISSEUR PLAN

The Connoisseur Plan differs from the Stamp Contest only in that the number of reports per station is limited to ten. The total of 300 must consist of 10 reports each on 30 different shortwave broadcast stations, although these need not be foreign. Individual scores are kept by the QRC and the prize may be a mixture of 600 stamps or other prize not valued in excess of 75 cents, as the member may prefer.

The verification of any Connoisseur reports will be requested in behalf of members upon deposit of 6 cents, of which 5 is for a copy of our mimeo bulletin offered the station in return for the verification, and 1 cent is for postage in re-forwarding the verification to the member. All verifications are requested sent by the stations to the QRC for accounting purposes, instead of direct to the members. Should the station fail to verify, the 5 cent deposit is refunded, thus guaranteeing the member against loss as might occur in the use of reply coupons. Reports wished verified should merely be marked "V" in the left-hand margin and listed separately on a slip of paper, together with the total number of reports remitted. In order that a stream of fresh reports may be kept flowing continuously to the stations, these should be forwarded to the QRC each week without waiting until the total number shall have been accumulated.

#### DUPLICATE STAMP EXCHANGE

Collectors, what do you do with your duplicate stamps? Why not trade them? That is really all they're good for. The QRC is certain that many members will enjoy participating in an Exchange at no expense other than reply postage. From your duplicate stamps, make up one or more trading lots of 100 varieties mounted with peelable hinges on onion-skin sheets, let us say 25 to a sheet, not more than 6 inches in width so that, when folded, they will fit comfortably inside an ordinary envelope. Send them with a stamped self-addressed envelope to the QRC and in return you'll receive a similar trading lot submitted by another member. Keep the stamps you wish, replacing them with others, and return the lot for another trade. Your membership number in the upper left corner will avoid the return of a lot you've already seen. Send in as many lots as you like, as often as you like. There is no restriction, except that the right will be reserved to return to the sender any lots deemed poor in quality.

OA4R-14220

RESERVED  
for  
ANNOUNCEMENT  
of the  
PATTERSON PR-15

10 CENTS

SEPTEMBER

# SHORT WAVE REPORTER



OFFICIAL DATA AND FREQUENCIES  
TUNING TIPS  
IDENTIFICATION AIDS  
NEW STATIONS AND STATION NEWS

# Short Wave Reporter



## NEW STATIONS

4.745 Bogota, Colombia	HJCX	8.700 Habana, Cuba	COCO
4.755 Buenaventura, Colombia	HJEH	9.200 Guayaquil, Ecuador	HC2ET
4.765 Manizales, Colombia	HJFB	9.290 Kaunas, Lithuania	L Y R
4.775 Bucaramanga, Col.	HJGB	9.530 Luxembourg, Grand Duchy	
4.785 Barranquilla, Col.	HJAB	9.530 Schenectady, N. Y.	WGEO
4.795 Ibague, Colombia	HJF1	9.530 Treasure Island	KGEI
4.805 Medellin, Colombia	HJDU	9.535 Motala, Sweden	S B U
4.815 Cucuta, Colombia	HJBB	9.545 Hsingking, Manchukuo	MTCY
4.825 Cali, Colombia	HJED	9.550 Schenectady, N. Y.	WGEA
4.835 Cartagena, Col.	HJAE	9.570 Millis, Mass.	WBOS
4.845 Bogota, Colombia	HJCD	9.590 Philadelphia, Pa.	WCAI
4.855 Bogota, Colombia	HJCF	9.615 San Jose, Costa Rica	TIPG
4.865 Santa Marta, Col.	HJBJ	9.625 Budapest, Hungary	H A D
4.875 Armenia, Colombia	HJFH	9.630 Bogota, Colombia	HJCT
4.885 Medellin, Colombia	HJDP	9.960 Tirana, Albania	Z A A
4.895 Bogota, Colombia	HJCH	11.760 Rome, Italy	I-2RO-15
4.905 Barranquilla, Col.	HJAG	11.775 Hsingking, Manchukuo	MTCY
4.915 Pereira, Colombia	HJFC	11.780 Saigon, F. I. C.	Saigon
4.925 Cartagena, Colombia	HJAP	11.850 Budapest, Hungary	H A D
5.980 St. John's Newf.	VONG	11.870 Pittsburgh, Pa.	WPIT
6.030 Mexico City	XEQQ	11.895 Montevideo, Uruguay	CXA-10
6.060 Philadelphia, Pa.	WCAI	15.155 Motala, Sweden	S B T
6.060 Cincinnati, Ohio	WLWO	15.200 Hsingking, Manchukuo	MTCY
6.080 Tirana, Albania	Z A A	15.210 Pittsburgh, Pa.	WPIT
6.100 Manila, P. I.	KZRH	15.230 Rome, Italy	I-2RO-14
6.125 Hsingking, Manchukuo	MTCY	15.270 Philadelphia, Pa.	WCAI
6.140 Manila, P. I.	KZRF	15.300 Montevideo, Uruguay	CXA-18
6.140 Pittsburgh, Pa.	WPIT	15.330 Treasure Island	KGEI
6.190 Schenectady, N. Y.	WGEO	15.330 Schenectady, N. Y.	WGEA
6.190 Treasure Island	KGEI	15.500 Moscow, U. S. S. R.	R A L
6.500 Beira, P. E. A.	CR7IB	15.630 Tirana, Albania	Z A A
7.221 Budapest, Hungary	H A D	17.750 Oslo, Norway	L K W
7.230 Daventry, England	G S W	17.780 Bound Brook, N. J.	WNBI
7.260 Lisbon, Portugal	CSW &	21.540 Pittsburgh, Pa.	WPIT
7.260 Daventry, England	G S U	21.590 Schenectady, N. Y.	WGEO
7.850 Tirana, Albania	Z A A	21.640 Daventry, England	G R Z
		21.680 Budapest, Hungary	H A D

SHORT WAVE REPORTER published monthly (excepting July and August) for pleasure—not for profit—by the Quixote Radio Club, Boulder Creek, California. Subscription 50 cents per year, anywhere. Subscribers to the REPORTER are *ipso facto* Members of the Quixote Radio Club, there being no membership dues whatsoever.

## STATION NEWS

Station news not otherwise credited is official. Symbols indicate: (o) Opening theme; (i) Interval or Identifying signal; (s) Opening and/or Closing Signature. Time is EST.

### ALBANIA

ZAA "Radio Tirane," Tirana, Albania, 41 20 20 N. 19 47 40 E., 3kW in the antenna, 6.080, 7.850, 9.960, 15.630. (s) Albanian National Hymn, Italian Royal Hymn and Giovinezza. George Bubani Announcer. Ing. P. Ambrozi, Director. State owned, under Direction Generale des Postes, Telegraphes et Telephones, Direction de la Presse. Studios: Posts Street.

6½..8

1.2

SMTWTFS

### BOLIVIA

CP-5 "Radio Illimani," La Paz, Bolivia, 1 kw 6.200 relays CP-4 10kw 1,040 kc (s) Bolivian March "Colorados de Bolivia." Sta. Olga Granier & Carlos Terrazas, Announcers. Guillermo Viscarra Fabre, Chief Announcer & Literary Director. Ing. Dipl. Rudolf Horkheimer, Technician. Humberto Viscarra Menje, Artistic Director. Dr. Damaso Eduardo Delgado, Manager. Government owned station. Studios: Calle Ingavi 321.

6.200 CP.5

6½.....11½

SMTWTFS

### BRITISH GUIANA

VP3BG "The Voice of Georgetown," Georgetown (Demerara) British Guiana, 450 watts 6.130 kc. BGT 1¼ hours ahead of EST. (o) Toselli's "Serenade." (s) "Goodnight" with vocal by Charles Kellman, Announcer. Charles Kellman, Manager & Director. The B. G. United Broadcasting Company, Ltd., Owners. Studios: Philharmonic Buildings. P. O. Box 11.

6.130 VP3BG

10½11½

3¼.....7¾

SMTWTFS

### CHINA

XMHA "The Call of the Orient," Shanghai, China, 1 kw 11.860 relays XMHA 600 kc (s) A variation of "Goodnight, Sweetheart." (i) Chimes. News period by Olcott 6:15 to 6:30 a. m. PST opens and closes with "Under the Double Eagle" march. Station is owned and operated by Americans and is the only commercial shortwave station in China. J. H. Allison, Director of Musical Programs. E. H. Healey, Manager. U. S. Harkson, Owner. Studios: 445 Race Course Road.

.....11

6¼..8

11.....

SMTWTFS

In a letter signed by Mr. Tseng of the China Information Committee (P. O. Box 107, Chungking) the reception of XRVG (Hankow) is verified, it being added that XRVG left the air February 22.—G. T. Beyer, QRC 1186 III.

Deputy Director-General T. Y. Woo of The Central Broadcasting Administration, Central Executive Committee of the Kuomintang, at Chungking, China, with authority over stations XGOA, XGOX XGOY, and XPSA, expresses his appreciation of members' reports, which he verifies by letter, and supplies a printed schedule of broadcasts, Chungking Time being 12 hours ahead of EST.

From the vernal until the autumnal equinox, station XGOY operates on 11.9 megacycles and XGOX on 17.8 megacycles, after which they change to 9.5 and 15.2 megacycles respectively. From 4 till 6.30 p. m. EST, XGOY is directed to Great Britain, France, Italy and Germany. From 9:30 till 11:30 p. m. EST, XGOX broadcasts to North America. From 5:30 a. m. till 7:10 a. m. EST, XGOY is directed to North Eastern China and Siberia; from 7:15 till 7:55 a. m. EST to Japan; from 8 till 10:30 a. m. EST to South China and South Seas; and from 11 till 11:30 a. m. EST to U. S. S. R. Excepting the broadcast to Japan, all sessions conclude with the Song in memory of Dr. Sun Yat-sen.

11.900 XGOY			
	5½.....11½	4.....6½	SMTWTFS
17.800 XGOX		9½.....11½	SMTWTFS

Notwithstanding that the evening broadcast is directed to North America, Asiatic reception is best at sunrise.

### COSTA RICA

TIPG "La Voz de la Victor," San Jose, C. R. 2 kw 9.615 kc relays TIPG 2 kw 625 kc (o) "Parade of the Wooden Soldiers." (i) Chimes. (s) "Ave Maria," organ solo. Carlos Sanchez, Manuel de la Cruz, Virginia Prestinary, Announcers. Perry Girton, Owner & Operator. Apartado 225.

9.615 TIPG	7.....11½	SMTWTFS
------------	-----------	---------

### DENMARK

"Danmarks Radio, Koebenhavn, Kalundborg" or "Her er Danmarks Kortboelgesender," Skamlebaek (50 miles WNW of Copenhagen) 6 kW in the antenna, OZF 9.520 and OZH2 15.320 kes (s) National Anthem: "Der er et yndigt Land" (There's a Winsome Land). (i) Copenhagen Town Hall Chimes (14 notes) to the tune of the most ancient Danish folk song of record (freely translated) "Last night I dreamt of silk and costly cloth." Government Station, the transmitter being operated by the Danish Postal & Telegraph Service, Radio Engineering Department, Bernstorffsgade 32, 1, Copenhagen V., with programs supplied by the Danish State Broadcasting Service, Heibergsgade 7, Copenhagen K.

Schedule: OZF 9,520 kc directed to South America and the Far East, nightly from 8 till 9:30 p. m. EST, and to North America and Greenland nightly from 9:30 till 11 p. m. EST. OZH2 15,320 kc Sundays and holidays from 8 a. m. till 1:30 p. m. EST.

9.520 OZF		8.....11	SMTWTFS
15.320 OZH2	8.....1½		Holidays

### DOMINICAN REPUBLIC

HIL "Radioemisora del Ron Wiski," Ciudad Trujillo, R. D., 200 w 6,500 kc relays HIL 1.110 kc (o) "Himno Nacional Dominicano." (s) "Pensando en Ti" (Thinking of You) Waltz. Quimet Pellicer, Porfirio Vasquez, Announcers. Anjel S. Vilorio, Art Director. Ing. J. C. Pellicer, Director & Technician. J. C. Teixido, Manager. Talleres ODIX, Owners. Studios: Km. 2 Carretera Duarte. Apartado 623.

6.500 HIL	6½½	12.....6	SMTWTFS
-----------	-----	----------	---------

HI-1N "Broadcasting Nacional," Ciudad Trujillo, Dominican Republic 750 watts 6,243.75 kc relays HIN 1 090 kc (c) "Pensando en Ti" (Thinking of You), Waltz. (s) "Himno Nacional Dominicano." Juan S. Bravo Pedro Julio Santana, Porfirio Vasquez, Homero A. Leon, Announcers. Juan Salazar, Technician. Juan Jose Bravo, Director. Ing. Guido D'Alessandro, Manager. Dominican Government Owner. Studios: Arzobispo Merino 79, 2er piso. Address veri requests to the Director.

6.243 HIIN 12...3 Sunday  
7...9 11...2 5...11 MTWTF

### ECUADOR

HC1GQ "Nariz del Diablo." (Devil's Nose—a mountain peak on the line of the Southern Railway) Quito, Ecuador, 150 w 9.163 kc (s) "Danubio Azul" (Blue Danube) Strauss Waltz. Gonzalo Proano, Announcer. C. A. Semante, Technician. Vidal Montufar, Director. The Guayaquil & Quito Railway Co., Owners. Studios: Calle Sucre, 5. Apartado 159.

9.163HC1GQ 8 1/2...10 1/2 M W F

HCJB "La Voz de los Andes," Quito, Ecuador, 1 kw 12.460 in parallel with HCJB "Broadcasting Provincial," Quito 200w 4.107 and HCJB "La Voz de Quito," Quito 50 w 974 kc (o) "Marcha Patria." (i) 4 tone chime. (s) Ecuadoran National Anthem. Luis F. Ayora, Jose Vallejo Nelson Chavez Announcers. Clarence Moore, Technician. Francisco Cruz M., Manager. Clarence W. Jones, Owner & Director. Studios: Pichincha 44. P. O. Box 691.

Remarks: New 10,000 watt station on 12,460 kc to be ready about October 1, 1939.

12.460 HCJB 7...8 11 1/2...2 6...10 1/2 S T W T F S

HC2ET "Aqui Guayaquil," Guayaquil, Ecuador, S. A., 500 watts 9.200 kc relays 1,165 kc. (s) "Patria" pasedoble by orchestra. (i) 12 chimes. Geo. Magen, Technician. J. Santiago Castillo, Manager. Co. An. "El Telegrafo" (Daily Newspaper) Owner. Studios: Av. 10 de Agosto, 601-9. P. O. Box 824.

9.200 HC2ET 8...10 (SMTWTF

### FRENCH INDOCHINA

"Radio Saigon—The Voice of France in the Far East" Saigon, French Indochina (Saigon Time is 12 hours ahead of EST) 12 kw 6.116, 12 kw 11.780, relaying 2 kw 1 000 kc. (s) Oriental tune. Programs in French, English, Dutch, Annamite and Chinese. Miss Denholm, English Announcer. F. A. F. Beruqui, Engineer in Charge. M. Fleury, Director. M. Jacques Le Bourgeois, Manager. Societe Indochinoise de Radiodiffusion Owner. Offices: 3, rue Blancsube. Studios 3 rue Richard. Boite Postale No. 412.

Schedules by courtesy of Harold Satterthwaite, QRC 1429 Cal.:

6.116 6...8 1/2 6 1/2 SMTWTF  
11.780 Saigon 8 1/2 9 1/2 11 1/2 SMTWTF

Radio Boy-Landry," Saigon, Fr. Indo China, 11.710, 6.200 & 9.800kc (s) "La Marseillaise." (i) 9 chimes. Etablissements Boy-Landry, Owners. Studios: 17, Place A. Foray.

## HUNGARY

HAD "Radio Labor," Budapest (Szekefervar) Hungary (formerly HAAQ2) 0.2 kW 7.221, 9.625, 11.850, 21.680 kc. Annual test, four periods 1939-40: April 24 to May 13; July 24 to August 12; October 24 to November 12; and January 24 to February 12, 1940. Address reports to Radio Labor, Budapest, IXGyali-ut 22, Hungary.

Schedule observed during second test period follows:

21.680 HAD	11.....2	SMTWTFS
11.850 HAD	2.....6	SMTWTFS
9.625 HAD	6.....9	SMTWTFS

## IRAQ

Fine QSL Card and letter received from YI-5KG Baghdad 7140 kc (announced 7,200) and HNF 9,683 kc stating: Transmitters owned by his late Majesty, registered in name of HRH Crown Prince Faisal II (now King Faisal II). After the tragedy the whole of YI-5KG and HNF transmitters, which count about 7 transmitters, were abandoned and transmissions suspended from the commercial and amateur bands. All transmitters are of American make such as the All Star, Utah, Eimac and Hallicrafters. "The above transmitters which were at the Royal Palace will in due course be under governmental control and shall continue to radiate on certain frequencies."—S Pearce, QRC 1248 England.

## LITHUANIA

LYR Kaunas, Lithuania, (Sometimes known as Kaunas II) 500 watts 9.290 kc, relays Kaunas I, 7 kw 153 kc. Address: Valstybes Radiofonas, Kaunas, Daukanto g. 12, Lithuania.

9.290 LYR	3 $\frac{3}{4}$ 2...2 $\frac{1}{2}$	12...12 $\frac{3}{4}$	MTWTFS
	6...7 $\frac{3}{4}$	11.....4	MTWTFS
			Sundays

## LUXEMBOURG

Experimental Station "Radio Luxembourg" testing between 11 a. m. and 1 p. m. EST—occasionally later—with recordings near 9,530 kc. Multilingual call for reports to "Radio Luxembourg", Luxembourg, Grand Duchy.—S. Pearce, QRC 1248 England.

## MANCHUKUO

The Hsingking Broadcasting Station MTCY is heard with an excellent signal testing mornings between 7 and 8 a. m. PST on an announced frequency of 11.775 kc. Modulation tests include a variety of monotonies and monosyllables not without zoological counterparts.

## NEWFOUNDLAND

Manager W. F. Galgay kindly advises that station VONG is the experimental short wave transmitter of VONF 12 kw 640 kc. The Broadcasting Corporation of Newfoundland controls all broadcasting in the Dominion, including facsimile and television. Studios are in the Newfoundland Hotel at St. John's. Full details follow:

VONG St. John's, Newfoundland, 400 w 5.980 kc relays VONF 12 kw 640 kc (o) "Ode to Newfoundland." (i) 3 chimes. (s) "God Save the King." A. F. Wood, Technician. W. F. Galgay, Manager. Broadcasting Corp. of Newfoundland, Owner. Studios: Newfoundland Hotel. P. O. Box E 5372.

5.980 VONG	8.....12	4.....9	MTWTFS
------------	----------	---------	--------

## NICARAGUA

It is our pleasure to convey to Members of the QRC the cordial greetings of Sr. Cesar Guerra, who has succeeded Don Benjamin J. Guerra L. to the management of Station YNLG of Managua. Sr. Guerra is highly appreciative of the courtesy shown his station by Members of the QRC and your wishes will receive his very best attention.

## PHILIPPINES

Coast listeners may now log two new Manila stations: KZRH "The Voice of the Philippines" near 6.100 kc with 10 p. m. time signal at 6 a. m. PST, and KZRF "Radio Filipino" of the Far Eastern Broadcasting Corporation near 6.140 kc, broadcasting at 5:30 a. m. PST "from the Royal Room on the eighth floor of the Marco Polo Hotel, overlooking beautiful Manila."

## PORTUGAL

CSW8 Lisbon 7.260 kc Tuesdays, Thursdays, Saturdays 4:05 to 5 p. m. EST, folk music, talks, etc. in French and English; Mondays, Wednesdays and Fridays in Italian and German. Reports to Emisora Nacional, rua do Quelhas, Lisbon.—S. Pearce, QRC 1248 England.

## ROUMANIA

QSL Card for "Radio Experimental" gives following details: Radio Roumania 150 kw 160 kc; Radio Besarabia 20 kw 1411 kc; Radio Bucuresti 12 kw 823 kc; and "Radio Experimental" 250 watts, 32.5 meters, 9,210 kc.—S. Pearce, QRC 1248 England.

## URUGUAY

Servicio Oficial de Difusion Radio Electrica (SODRE), Montevideo, Uruguay. Hector M. Laborde, Manager. Studios: Calle Mercedes 823.

6.125 CXA-4

9.620 CXA-6

11.895 CXA-10

15.300 CXA-18

## VENEZUELA

YVIRZ "Radio Valera, State of Trujillo, Venezuela, 1 kw 4.850 kc (s) "Triunfadora" march. (i) marimba notes. Rafael Mendez, Orlando Uzcatogui, Announcers. Temple P. Lee, Technician. Pedro Febres Jelambi, Manager & Director. Jorge Luis Febres Jelambi, Owner. Studios: Av. Bolivar, No. 56.

4.850 YVIRZ

11½....1½

5.....10

SMTWTFS

The foregoing represents a change of call and frequency, as well as an increase in power, effected April 1, Radio Valera having formerly been YV1RG on 5,230 kc.

YV4RO "La Voz de Carabobo," Valencia, State of Carabobo, Venezuela, 1kw 4.950 relays YV4RA. (s) "Gridiron Club March." (i) 4 marimba notes. Pedro Henriquez Peraza and Miguel Eduardo Vasquez, Announcers. Ramon Nunez hijo, Technician. Guillermo Degwitz, Manager & Director. Herman & Guillermo Degwitz, Owners. Offices: Calle Constitucion 298. Studios: "La Alegria" Av. Bolivar 10.

4.950

7..8

11.....2

5.....10

SMTWTFS

# SX-17 SUPER

## SKYRIDER

With complete coverage from 5 meters to the top of the broadcast band, fractional microvolt sensitivity on all amateur bands, variable selectivity that ranges from broad high fidelity to better than 1 kc with crystal filter in circuit, 2 stages of Pre-Selection and a built-in Automatic Noise Limiter for cleaner reception on the higher frequencies, the SX-17 provides the amateur with a quality and versatility of performance that is difficult to surpass.

All this at its moderate cost, explains the world-wide preference of the amateur radio fraternity for the SX-17. Your Hallicrafters dealer will gladly show you the SX-17, or complete description will be sent you on request.

**the hallicrafters inc.**  
2609 Indiana Avenue, Chicago, U. S. A. Cable Address: HALLICRAFT, Chicago

WORLD'S LARGEST BUILDERS OF AMATEUR COMMUNICATIONS EQUIPMENT

# SHORT WAVE REPORTER



DECEMBER, 1936

QUIXOTE RADIO CLUB  
Box 772  
Santa Barbara, California

No. 3

15 Cents

## A DOLLAR'S WORTH

Reference being made therein to the Quixote Radio Club, we take the liberty of quoting the letter of Mr. E. H. Scott, President of E. H. Scott Radio Laboratories, Inc., 4450 Ravenswood Avenue, Chicago, Illinois, addressed November 10, 1936, to Owners of Scott Radio Receivers, and at the same time we wish to felicitate our fellow member, Mr. Paul W. Dilg, QRC 167, for this display of skill and perseverance:

### NEWS FROM THE LABORATORY

"The November issue of the 'Scott News' enclosed is, I believe, one of the most interesting it has been my pleasure to send you this year. I say this because it contains not only a very useful, but a very valuable tuning log that shows what kind of foreign reception can be obtained on a Scott by one thoroughly familiar with its operation.

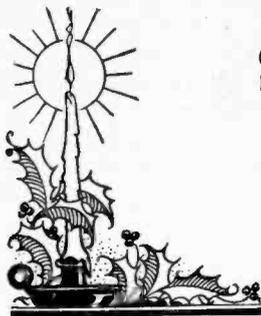
"Mr. Dilg's log was compiled over a week's time of daily tuning from early morning to late at night, and I think he deserves a lot of credit for the very excellent record of short wave reception he has given us. His log was obtained through the most diligent work, and it provides the occasional DX'er with a real complete, up-to-the-minute guide to foreign short wave broadcasting.

"Our latest laboratory development, the Scott Supershield Antenna Coupling System, certainly has proved its efficiency, and there is no question but that it will have a very decided influence in the design of the radio receiver of the future.

"It would, of course, have been very easy to have made this new antenna development an excuse for bringing out a new model, but as you know, it is not my policy to make an owner feel he has an obsolete receiver because it does not have something in it which is incorporated in a machine bought some time previously.

"I have already had a large number of requests from owners of the 23 tube model requesting that the new antenna development be incorporated in their receivers. I now have so many of these inquiries that I do not believe I am in a position to take care of any more sets until about the first of the year. However, if you have a 23 tube Scott and want to have the Supershield Antenna Coupling System built into it, you had better write me now, then I will put your name on the list, and immediately after the first of the year will advise you when to send your set in so that it can be taken care of immediately on arrival and sent back to you with the least possible delay.

(Please turn to Inside Back Cover.)



# Short Wave Reporter



## HEAR THE ARGENTINE!

The music of the Argentine—home of the exotic tango—is now brought to owners of all-wave receivers. You may hear the delightful rhythm of tangos and rancheras rendered only as musicians born and bred in the land of their creation know how to render them. Tuning in the Argentine is not suggested because of any difficulty attached to the feat, but simply because it is entertainment of excellent program value, easily logged, which no one should miss. Then, too, the activities of the Peace Conference at Buenos Aires, attended by President Roosevelt in person, will be the center of no little attention and all may wish to know where to tune for the short-wave broadcast of proceedings. Accounts are to be broadcast in English, French, Spanish, Portuguese and possibly other languages so that all may understand.

The stations of particular interest are three: LRU, LRX and LSX.

The hours: LRU is scheduled throughout the day from 7 a. m. till about 5 p. m. E.S.T. after which LRX continues until 9 p. m. or later every evening. These stations relay the regular broadcast program of station LR-uno Radio El Mundo (The World, a daily newspaper). Of the two, the evening broadcast affords by far the better reception.

LSX broadcasts the "Argentine Hour" twice weekly, Mondays and Fridays, beginning at 4:30 p. m. E.S.T. This is too early to be well received on the Pacific Coast. But during the

---

Short Wave Reporter published monthly (excepting July and August) by Quixote Radio Club, Box 772, Santa Barbara, California.

15 cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1936 by E. J. Shields, Chats.

Peace Conference, frequent, if not nightly, relays may be expected over LSX at about 11 p. m. E.S.T. At this hour, direct reception should be excellent throughout the United States.

The place: Local stations are suggested as "markers" and once they have been found on the dial of your receiver, they will guide you to the station you seek.

#### 15 MEGACYCLE BAND

15.210 W8XK Pittsburgh  
 15.290 LRU Buenos Aires  
 15.330 W2XAD Schenectady

#### 9 MEGACYCLE BAND

9.530 W2XAF Schenectady  
 9.660 LRX Buenos Aires  
 9.750 COCQ Habana  
 10.350 LSX Buenos Aires

For the exact position of these stations on the dial of your receiver, please refer to the F. B. Log in this booklet. At page 26, in the top line will be found W8XK and W2XAD, separated by 11 channels. LRU is shown nearly midway between these stations and will be found, on the dial of your receiver, in exactly the same relative position. If not heard there, there is no need to look further for that is the one and only place to hear LRU. At page 19, in the first line, LRX 9.660 will be found 6 channels from the extreme left, or about midway between W2XAF and COCQ, the former being found at the bottom of page 18. At the bottom of page 19 will be found LSX 10.350. As LSX is normally in radio-telephone service and not a broadcaster, unfortunately it is not near enough to any broadcast station which might serve as a "marker." In this case you must rely on the calibration of your receiver dial.

We might add that LRU and LRX use an interval signal of four vibrophone notes, three in ascending scale and one descending, followed by station identification. At sign-off, brief English announcements are usually made. The opening and closing theme, in which violin and vibrophone predominate, is a composition bearing no title, composed expressly for Radio El Mundo by the Maestro Alberto Castellanos. LSX is usually identified by the engineer, "Bill" Clark, a native Argentinian who announces in English.

Should these directions prove helpful, be sure to let us know, suggesting at the same time which station might be made the subject of this feature in our next issue.

## APPLAUSE ENCOURAGES

Occasionally a listener voices the thought that, having identified a station to his own satisfaction, he perceives no need to ask the station to verify his reception. If verifying were the sole object of reporting, this might be true, but, to convey our appreciation of their effort to entertain us, even though no verification be desired, we should send reports at least to those stations that request it. Reports represent the applause of the unseen audience. Applause costs little, yet means a great deal to those who receive it. Indeed, though we admire those who seek it not, few are scornful of it. Artists and engineers alike are encouraged by the evidence of an appreciative audience and the knowledge that their efforts have not been wholly wasted in space.

Listeners in this country are favorably situated in that they do not have to pay (a tax) for their radio entertainment—unless they buy merchandise—so they can well afford to lend their encouragement by responding to the stations' appeal for reports. To render members and stations alike a service, the QRC has devised a very handy report form costing but 9 cents for 90 forms, postpaid. These may be sent the QRC with a half cent each, to be assembled with reports of other members and forwarded the respective stations. Of this sum,  $\frac{1}{4}$  cent applies on a prize to be received when earned, as follows: Upon rendering ten reports on each of any thirty shortwave broadcast stations—a total of 300 reports—the listener may choose any National Geographic Society map, mounted on linen, or other prize of like value. This is known as the Connoisseur of Short Wave Reception plan.

The verification of any Connoisseur report, if desired, will be requested for the member by the QRC upon deposit of an additional 6 cents. The listener has no letter of request to write, but merely marks the report with a "v" in the left-hand margin, listing these requests in a covering note to the QRC. Of the 6 cents, 5 is to pay for a copy of our weekly mimeo bulletin which we offer stations as a reciprocal courtesy for verifications. Should the station fail to verify a correct report, no bulletin is sent, the deposit then being refunded. Thus we are able to guarantee members against the loss sometimes suffered in accompanying reports with Reply Coupons. To the end that an account may be kept, the stations are requested to send all verifications to the QRC for delivery. The balance of one cent is to cover the cost of making the delivery.

The only rules prescribed are that all reports must relate to short-wave *broadcast* stations not point-to-point relays, commercial telephone circuits, special services nor amateurs. By "broadcast" is meant the radiation of entertainment for general reception and not for some particular point. This restriction is necessary in order that we may concentrate and accumulate sufficient reports for a single address to comprise a forwarding "unit." The reports are forwarded by the QRC as soon as 15 from all sources have been assembled for the same address, if the postal rate be 3 cents, or, if 5 cents, then as soon as 25 have been assembled. These are the forwarding "units."

The listener may tune when, as and if he pleases, but at least an hour should elapse before again reporting the same station. A single definite item such as the name of a musical selection, an advertised product or part of an announcement is a sufficient log. In fact, if the language of the station is other than English, more than this is *not* desirable. To the end that a stream of fresh reports may be kept flowing continuously to the station, listeners should send in each week whatever reports they may have compiled, without waiting until they have logged any single station ten times. To repeat, the procedure is: Acquire 9 cents worth of forms; send in whatever reports you have each week with  $\frac{1}{2}$  cent each for forwarding and your prize; and, for each verification desired, add 6 cents. When you have completed the required number of reports, select your prize!

#### MUSIC IN THE AIR

It has long been the policy of the QRC to urge upon stations the adoption of musical signatures as an aid to their identification. To be effective, such signatures need to be familiar music, preferably popular music widely known by name. National anthems played by all the stations in a country do not serve to identify the station: Chimes are used indiscriminately by so many stations that they cease to be distinctive, unless a half dozen as in the case of HJ3ABF Bogota or a dozen as in the case of HC2ET Guayaquil. The signal of CT1AA Radio Colonial of Lisbon—a cuckoo call thrice—is one of the most distinctive. XEBT of Mexico City uses a similar call, twice only. Sound effects are not always identification signals, but often associated with commercial advertisements. The crowing rooster of COCH Habana—or "ki-kiri-ki" as they call it—

introduces the advertisement of the Gallo Clothing Store—"gallo" being rooster in Spanish. The sound effects of COCQ Habana all introduce advertisements, the bugle call, for instance, three tablets a day. The siren used by XEBT of Mexico City is not for station identification, but introduces their police report of accidents and missing people. Which recalls to mind that the census taker in a small town found no variation over a period of time. His explanation was that no one died and when someone was born, somebody usually left town, evening things up.

The following is a list of musical signatures which should serve as aids to identification, provided the listener be familiar with the selections named:

- "Ah! Sweet Mystery of Life!"—XEWI Mexico City.
- "All Hands"—HI-1A Santiago de los Caballeros, D. R.
- "Aloha Oe," organ—HJ1ABE Cartagena, Colombia.
- "A Portuguesa," National Anthem—Portugal.
- "Brabanconne," National Anthem—Belgium.
- "Campagne di Roma," Bells of Rome, opening theme—Rome.
- Cannon shot 9 p. m. E.S.T. curfew—COCX Habana, Cuba.
- Cuckoo call thrice—CT1AA Lisbon, Portugal.
- "Dabrowski Mazurka," National Anthem—Poland.
- "Der er et yndigt Land," There's a Winsome Land—Copenhagen.
- "Deutschlandlied," National Anthem—Germany.
- "Die Stem van Suid Afrika," The Voice of South Africa—Johannesburg.
- Dominican National Anthem (title?) HIN Ciudad Trujillo, D. R.
- "Dos de Abril," march—HJ4ABE Medellin, Colombia.
- "El Aragueño," a typical Venezuelan joropo composed by Manuel Briceño—YV12RM Maracay, Venezuela.
- "El Capitan," March—YV10RSC San Cristobal, Venezuela.
- "End of a Perfect Day" (morning session)—Java.
- "Evocacion," piano solo—HI-9B Santiago, D. R.
- "Giovinezza," Fascist march—Rome.
- "God Save the King," National Anthem—United Kingdom.
- "Good Night Melody"—HRN Tegucigalpa, Honduras.
- "Good Night Melody," by Ted Lewis (I.B.C. program)—Madrid.
- "Himno de Riego," National Anthem—Spain.
- "Horst-Wessel Lied," Nazi marching song—Berlin.
- "Indian Love Call," from Rose Marie—HI-1J San Pedro de Macoris, D. R.
- "Intermezzo No. 1," by Luis Calvo—HRD La Ceiba, Honduras.

- "Isten ald meg a Magyar," National Anthem—Hungary.  
 "Kimigayo," National Anthem—Japan.  
 Kookaburra bird laughter—VK2ME Sydney, Australia.  
 "Liebestraum," by Liszt, piano—XEBT Mexico City.  
 "Lady of Spain"—EA8AB Santa Cruz de Tenerife.  
 "La Bayamesa," National Anthem—Cuba.  
 "La Golondrina"—XEUW Veracruz, Mexico.  
 "La Golondrina," organ—HJ1ABB Barranquilla, Colombia.  
 "La Marseillaise," National Anthem—France.  
 Lamb bleat—HIG Ciudad Trujillo, D.R. (owner's name "Lamb").  
 "Las Mañanitas," opening theme—XEBT Mexico City.  
 "Laudetur Jesus Christus," spoken words—HVJ Vatican City.  
 "L'Internationale," National Anthem—Moscow.  
 "March of the Toys," by Victor Herbert—XEXA Mexico City.  
 "March '1RC'"—YV2RC Caracas, Venezuela.  
 "Marcia Reale," National Anthem—Italy.  
 "Maria My Own," by Ernesto Lecuona—COCH Habana, Cuba.  
 "Maria My Own," by Ernesto Lecuona—HI3U Santiago, D. R.  
 "O, Gud Vors Lands," National Anthem—Iceland.  
 "Pajarillo Barranqueño"—COCX Habana, Cuba.  
 "Panama," by Galimany—HP-5B Panama City.  
 "Parade of the Wooden Soldiers"—TIPG San Jose, Costa Rica.  
 "Ramona"—Radio Tananarive, Madagascar.  
 "Rhapsody in Blue," by Gershwin—CB960 Santiago de Chile.  
 "Russian Lullaby," organ—HJ3ABH Bogota, Colombia.  
 "Salve, O Patria," National Anthem—Ecuador.  
 "San Lorenzo," March—LSX Buenos Aires, Argentina.  
 "Shoumi Maritza," National Anthem—Bulgaria.  
 "Siboney"—COCQ Habana, Cuba.  
 "Sigurd Jorsalfar," motif by Grieg—Oslo.  
 "Sing as We Go" (evening session)—Java.  
 "Solo Tuyo," Thine Alone—HRD La Ceiba, Honduras.  
 "Song of the Islands," opening theme—Radio Suva, Fiji.  
 "Stars and Stripes Forever," by Sousa—W1XK Millis, W8XX  
 Pittsburgh.  
 "Star Spangled Banner," National Anthem—U. S. A.  
 "Stein Song"—HI-4V Ciudad Trujillo, D. R.  
 "Strike Up the Band"—YV5RMO Maracaibo, Venezuela.  
 "Under the Double Eagle"—HJ1ABP Cartagena, Colombia.  
 "Vals Poetico," by Felipe Villanueva—XEFT Veracruz, Mexico.  
 "William of Nassau," National Anthem—Holland.  
 "William Tell Overture, Part IV"—HJ4ABD Medellin, Co-  
 lombia.

## TIME AND THE PLACE

Our Broadcast Schedule is carried in Eastern Standard (75th West Meridian) Time, since it is impractical to use several standards. Should this not be observed in your locality, may we suggest that the more facile conversion is to move your clock to that standard, or think in terms of E.S.T. This is far easier than converting each schedule to your own local time.

The countries in which the stations are located are indicated by the call letters, the first letter or two being the international prefix, such as HC Educador, HH Haiti, HI Dominican Republic, HJ Colombia, HP Panama, HR Honduras, YV Venezuela, etc. Lists of international prefixes are frequently published.

An advantage of the graphic arrangement of schedules is that you may at a glance note the stations that are supposed to be on the air at any particular hour. Unusual catches will surely result if you first note, in the right hand column, those stations that operate only on the particular day you are about to tune. If this should be Monday, observe first which stations are active Mondays and not the balance of the week. There are many stations which we seldom hear simply because we never remember to tune for them during the brief period they may be in operation. These are the "announced schedules" which, after all, constitute the most reliable information. Experienced listeners are well aware that stations alter their schedules at will. At least the probabilities of hearing the stations are more favorable at these periods. Advice of any announced schedules—not simply deviations, but announcements—at variance with those here published will always be appreciated.

Signals on the 6 megacycle band require a pathway of darkness between the transmitter and receiver. In fact, reception on the 9 megacycle band is best in the early evening while the 11 megacycle band is perhaps at its peak at sunset. As a general rule, stations are here listed on their assigned frequencies, although some of the smaller stations may accidentally deviate from those frequencies. The list offers a clue to the identity of stations heard on those frequencies, but a clue is not conclusive evidence. As Daventry (London) say with regard to their operating schedule, "listen for the announcements."

## ON THE SPOT!

In this issue we have included the fourth section of the F. B. Log—the fifth and final section of which will be added next month. In all probability the value of this log will be apparent only to experienced listeners. It is really an illustrated station list, with the relative position of the stations spaced exactly as they will be found on the dial of your receiver.. When you identify a station listed on the Log—and nearly every active station audible in the United States is listed—note carefully the dial reading and mark it down in the space above that station's frequency on the Log. Never mark the dial itself lest it become unsightly. Stations using voice or music are shown in CAPITAL LETTERS, with commercial telegraph stations in small letters as frequency “markers.”

This Log is not copied from any list, official or otherwise, but is a Log in the true sense of the word, the stations shown having been logged while on the air and their frequencies then monitored. The frequencies shown are those on which the stations have been heard, regardless of their assigned or announced frequencies. An accurate list cannot be prepared in any other way, and we are not aware of the publication of any other list prepared thus, *id est*, by tuning in the stations and checking their frequencies while they are in operation. As the labor has extended over a period of years, a few of those listed may no longer be active, but these are dropped as soon as their inactivity is suspected. The frequencies shown are accurate in a high degree and may be relied upon implicitly for the calibration of receivers. Every owner of a shortwave receiver should provide himself with a station list. Only an accurate list is of value, hence the QRC is hopeful that members will recommend this most accurate Log to their friends.

This month, instead of listing stations in a statistical style, we shall mention them in narrative form. Protests, as well as suggestions, are ever welcome.

## CHINA

Each weekday Zed BW Hong Kong has been putting in a strong clear signal on 9.525 (31.49) till sign-off at 10 a. m. or 11 a. m. Saturdays. They may alternately use the frequency of 15.190 (19.75) any week. Announcements are notably absent. Sometimes they leave the air with no announcement whatsoever. Other times they simply say, “This is Zed BW signing off.” We are told that they come on the air at 4 a. m. E.S.T. and we'll take anybody's word for it, as we have a particular antipathy toward stations that operate at such unseemly hours.

### CZECHOSLOVAKIA

In addition to various test programs at intervals of the day on several of their assigned frequencies, Prague offers North America a special two-hour program twice weekly. Mondays and Thursdays, beginning at 7 p. m. E.S.T. on a frequency of 11.875 (25.26). As it is quite close to W8XK Pittsburgh, some interference may be noted. Morning reception of this station on the West Coast has been with good signal strength, but the intelligibility of languages we would not understand anyway, slightly marred by a flutter.

### GERMANY

The daily North America Program from Berlin in December will be from 8 till 9 a. m. E.S.T. over DJL 15.110 (19.85), and from 4:50 p. m. till 10:45 p. m. over DJC 6.020 (49.83) and DJD 11.770 (25.49). Sundays only there will be a midday broadcast directive to North America from 11:10 a. m. till 12:25 p. m. over DJB 15.200 (19.74).

### GREAT BRITAIN

Although London (Daventry) no longer designate their transmissions by zones, since the shortwave does not always allow itself to be pushed, having the happy faculty sometimes of turning up where least expected, transmission six used to be considered directive to North America, meaning Canada, since they are "Empire" transmissions. We might even "listen in" on transmission five, to-wit: GSC 9.580 (31.32), GSD 11.750 (25.53), GSL 6.110 (49.15) at 6 p. m. till 8. Unless there be some sudden and impulsive change in schedule, to be announced over the air, transmission six may be expected over GSD and GSC as well.

### HOLLAND

The "Happy Station" PCJ 15.220 (19.71) may be heard on the West Coast Wednesday mornings until 11 a. m. E.S.T., so presumably it ought to be well received in other parts of the country. Reports on their Wednesday evening broadcast on 9.590 (31.28) have ceased coming in which indicates that they are so well received they have lost their novelty.

### HUNGARY

The Sunday morning hour of HAS3 Budapest 15.370 (19.52) is another European that may be fairly well logged on the Pacific Coast, so should be heard with good program value in the East. The time is from 9 till 10 a. m. E.S.T.

### ICELAND

Once a week, namely, Sundays from 1:40 till 2:30 p. m. E.S.T., an opportunity is offered to hear TFJ Reykjavik 12.235 (24.52). This should be more refreshing in summer.

### ITALY

2RO Rome 9.635 (31.13) broadcasts news in English every evening, except Sundays, at 6 p. m. E.S.T., followed Mondays, Wednesdays and Fridays by the "American Hour," and Tuesdays, Thursdays and Saturdays by a program in Spanish directed to Latin America.

**JAVA**

A special New Year's DX Program directed to all shortwave listeners the world over is announced in a letter to the QRC by NIROM (Netherlands Indies Broadcasting Co., Ltd.) for Saturday, January 2, 1937, at 7:15 till 7:45 a. m. E.S.T. Aside from YDA, YDB, YDC, PMN and PLP, it will be carried by 12 local relay stations at Batavia, Sourabaya, Bandoeng, Semarang, Malang, Solo, Djocja, Cheribon, Pekalongan, Buitenzorg, Soekaboemi and Tjepoe. The program will consist of typically East Indian (**not** native) and Occidental music by well known Netherland-Indies orchestras. All **correct** reports, accompanied by an International Reply Coupon, will be verified by their own QSL-folder. They should be addressed to Netherland-Indies Broadcasting Co., Ltd. (NIROM)—Koningsplein West 5, Batavia-Centrum, Java. And they remind listeners that after January 1, 1937, the Government stations of Java will no longer verify reports, NIROM relays over PLP and PMN being verified by NIROM alone. They conclude by wishing members of the Quixote Radio Club very fine reception of this special broadcast from Java.

**SIAM**

Twice weekly, on alternate wavelengths, the experimental station HS8PJ at Bangkok broadcasts a two hour program with announcements in the King's English. Reception on 9.350 (32.09) Thursdays at sunrise on the Pacific Coast has been excellent. In the East it is fair. Mondays on 19.020 (15.77) should favor the East. The hour is from 8 till 10 a. m.—a very convenient hour—both days.

**SPAIN**

With the country in the throes of civil strife, a battle of false accounts of victory and defeat exists in the ether as well. A number of amateur stations broadcast "news" from rebel territory while the old reliable EAQ 9.860 (30.43), in Loyalist hands, has been irregularly on the air, dodging a barrage of interference laid down by the rebels.

**VATICAN CITY**

The week-day quarter hour broadcast of HVJ Vatican City 15.121 (19.84) is one of the clearest European stations heard on the Pacific Coast. English is used Tuesdays and the hour 10:30 a. m. E.S.T.

**VENEZUELA**

Tests of the new transmitter manufactured by Laboratorio Franco-Venezolano of Maracay for station YV15RV of Valencia may be heard irregularly on 5.910 (50.76). Until this has been delivered and installed at Valencia and is operated by the owners, there would seem little use in writing for verifications.

Station YV1RH Ondas del Lago, or Emisora Philco, now relays YV1RF on an announced frequency of 6.360 kc. A recent program sponsored by Ron Montero at a late hour may have surprised American listeners owing to the loquacious garrulity (pardon the redundancy) of the announcer, but it was simply that he and the musicians were demonstrating their sales talk that everyone drinks Montero Rum.



































# QUIXOTE RADIO CLUB

The 'F. B.' Log

17,647 - 17.657 Meters

16. M/c	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	17.
B										9											0
2																					0
						Z						J									
						S						Z									
						V						D									
	v					k	f					k	c	k					wax		
	b					s	f					h	2	a					.		
	s					e	k					k	p	a					wbf		
	k	n	g	z	w	g	k	w				k	n						wnn		
	o	a	k	ss	l	p	c	c				p	p						.		
	k	s	t	v	c	c	h	c				e	g						wnu		
						y															

17.443 - 17.647 Meters

17. M/c	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	17.
O										1											2
0																					0
								G				R									
								B				V									
								C				U									
	w	f				p	d					w	k						n	o	c
	s	x				5	5					o	n						a	x	w
	r	g				y	f					Y	g						a	v	i
	w					p	g					r	w						n		w
	y											v	2	k					p		v
	l					f	z					u	X	r					g		y
												D							.		
	pzf					necb						J							nss		

(-) Ship frequencies

17.241 - 17.443 Meters

17. M/c	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	17.
2										3											4
0																					0
			I		C		D					W							R		
			C		M		A					3							K		
			E		A		F					X							L		
			J		l		E					L									
	w				p							c		d					v	r	j
	v				n							z		g					i	k	a
	y				a							a		r					s	l	w
	c				p		f		w			p			t				r		h
	w				n		y		c			s			q				g		k
	i				b		t		a			s			n				a		y
															2				2		

17.045 - 17.241 Meters

17. M/c	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	17.
4										5											6
0																					0
												V	D		V						J
												W	F		W						F
												Y	B		Y						Z
												2	2								C
	j	c	j		k	r						v			n				w		
	e	a			i	b						j			p				b		
	w	e	g		n	a						z			e				w		
	h	k		k	j	y		w				w			n						
	k	n						v				v			p						
	y	n		w	b	j		l				d			l						









## NEWS FROM THE LABORATORY

(Continuation from Inside Cover.)

"I might say that it is not possible for a serviceman to install the Scott Supershield Antenna Coupling System because it requires a number of changes right in the chassis. The Scott Supershield Antenna Coupling System can only be installed by sending your receiver to the Laboratory.

"Many owners of the Allwave Fifteen have written in asking if the Scott Supershield Antenna Coupling System could be installed in their receivers. I am sorry to say this cannot be done because the circuit of the Allwave Fifteen cannot be adapted to it. The Supershield Antenna Coupling System was designed exclusively for, and can be used only with the 23 Tube Scott model.

"I am sure you have been noticing the information I have been giving from time to time about our Studios in Los Angeles and New York. If you are doing any visiting near these two cities, or Chicago this Christmas, do not fail to come in and say 'Hello.' I know that in addition to being interested in looking over everything we have, you will be very much intrigued in seeing a demonstration of the efficiency of the Scott Supershield Antenna Coupling System in eliminating noise.

"This is the time of the year when many people are thinking very seriously about a new radio receiver. From time to time I know that a number of your friends have admired your set, and I should appreciate it very much having the names of any whom you think would be interested. Just jot their names on the enclosed card.

"With the kindest personal regards, I am

"Cordially yours,

EHS:OM

"E. H. SCOTT.

"P. S. There is a small club of real DX enthusiasts who have, for a number of years, called themselves the 'Quixote Radio Club,' and have circulated among themselves real authentic information on reception of short wave stations in various parts of the world. Recently they decided to make this information available to the public, and call the monthly booklet they are issuing 'The Short Wave Reporter.' It is one of the best short wave station logs I have seen for a long while, and, you can subscribe to it for a fee of \$1.00 per year. Address your subscription to the Quixote Radio Club, Box 772, Santa Barbara, Calif. I know you will get more than your dollar's worth."

CG



10 CENTS

SEPTEMBER

# SHORT WAVE REPORTER

*Handwritten initials*



BROADCAST SCHEDULES  
TELEGRAPH FREQUENCY MARKERS  
NEW STATIONS AND STATION NEWS



### NAME YOUR WEAPONS

As a new idea—the fruit of our vacation—the QRC now proposes a “duplex contest”—duplex in that it is both a contest *between* teams for supremacy and *within* teams for their captaincy. Let not a possible aversion for contests in general turn you from this proposal. No prizes are offered. Members are invited to take part purely for the fun of it.

Would it not interest you to know how many others in the QRC use receivers similar to yours? What we really wish is to list the favorite receiver used by each and every QRC member—data of which we have kept no record and which we now beg of you to supply—regardless of the contest. The contest feature is designed merely to lend zest to what might otherwise be dry statistical data.

The owners of receivers identical in make and model will constitute a team. All “home-brew” receivers will be classed together. The sole user of a particular style of factory receiver shall be a sort of Lone Ranger, or team and its captain by himself. The person having the highest score on his team shall be that team’s captain—until his score shall have been surpassed by a teammate. Upon request, accompanied by reply postage, it shall be the duty of the team’s captain to coach a teammate either in the operation of his receiver or in the improvement of the team’s score.

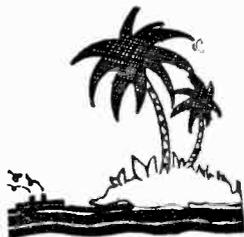
To score in this contest, members have only to send the QRC a new verifiable log of any of the “dime veri” stations listed on the page opposite, or any other station announcing that veri requests should be made through the QRC. Each such log shall count one point, and if its verification be desired, a dime and three cents should be added. Scores will be kept both individually and by teams. The score of a team shall be the average score of its *active* members only, those scoring one or more points being deemed “active.”

This duplex contest is wholly separate and independent of the Connoisseur Plan.

Every member is therefore requested immediately to advise the QRC by postal of the make and model of his or her receiver, or, in the event of owning several, your favorite. Not more than one receiver will be listed for any one person. Then, if desirous of joining in the fun of the contest, send the QRC from time to time brief logs of any “score stations.” This little and naught more need be done, so we cherish the hope that your response may be enthusiastic and immediate!

(See Inside Back Cover)

# Short Wave Reporter



## HEAR TAIWAN!

Not that you may be spellbound by what you hear, for much of it will be "news" in Chinese, possibly with a Japanese accent, but this station is suggested because not ordinarily a broadcaster. The West Coast audience will be told of Chinese iniquities, recited in English by a lady at 7:15 a. m. PST or thereabouts, this being the final quarter hour of their daily broadcast, begun we know not when. In concluding, this lady informs us we are listening to the Taihoku Broadcasting Station, Taiwan (formerly the Island of Formosa). Then a man discourses briefly in Japanese—whether it be a preview of the next day's program, stock exchange quotations or what, we wot not.

As a musical interlude all Japanese stations frequently use a march with vocal refrain singing the praises, we believe, of youths said to have died for love of country. Should the hour be late, however, the announcer will give the call letters JFAK twice and, without further ado, pull the switch. This is the call of the broadcast station at Taihoku, principal city of Taiwan, the relay station presumably being JIB at Tyreki on a frequency of 10.530 mc. This same program is heard with poorer modulation and higher noise level near 9.630. While the latter is positively not an image, it appears to be some sort of spurious wave.

It had been our intention to make Radio Manila KZRM the subject of this page, but operating as they do on 9.570 mc or exactly the same channel as W1XK Millis, Mass., eastern listeners have little hope of hearing them while the latter is on the air. As W1XK fades out at daylight on the West Coast, listeners here experience no interference from that source.

In this issue the Station Data section will be found replete with detail, but listeners are reminded that only a third of this section is published each month.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.  
10 cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1937 by E. J. Shields, Chots.  
Advertising accepted of reputable firms only. Rates on application.

**AUSTRALIA**

VK-6ME Perth, Opening Announcement: "Good Morning, Good Afternoon, Good Evening. This is station VK-6ME, the Perth Short-Wave Station of Amalgamated Wireless (Australasia) Limited, operating on a wavelength of 31.28 metres, corresponding to 9590 kilocycles. The time is—-. VK-6ME will be pleased to receive reports on its transmission from listeners in all parts of the world; when reporting, please mention some of the programme items heard. Comments on signal strength and fading would also be appreciated. Kindly address your reports to Station VK-6ME, Amalgamated Wireless (A/sia) Ltd., Perth, Western Australia. The first selection on our programme this evening is—-."

Closing Announcement: "To those of you who are now commencing your day's labour, we bid you good morning and may you find the day of value, and to those of you whose day is well advanced we trust that the promises of the morning have been fulfilled and we bid you good afternoon, and to those of you whose day of toil has ended, we wish you a happy rest and bid you goodnight. This is—VK-6ME—the Perth Short Wave Station of Amalgamated Wireless (Australasia) Ltd.—signing off —After the National Anthem the station will close without further announcement."

**BRITISH GUIANA**

Operating on the new frequency of 6,070 kc, "The Voice of Guiana" VP3MR of Georgetown reminds listeners that verification cards are mailed only on receipt of International or Imperial Reply Coupons. All reports are acknowledged in the Weekly Mail-Bag, generally from 7:45 to 8:15 p. m. EST Saturdays.

**BULGARIA**

The QRC is indebted to the Director General of Radio Sofia, P. Todoroff, for a generous quantity of postage stamps which the QRC intends making available to members through the Duplicate Stamp Exchange and which were supplied by Ivan Kazansky, a collector of unused stamps. Mr. Kazansky desires to trade with serious collectors of America, offering them European stamps of their choice on a basis of the Michel, Froede's and Ivert catalog, in exchange for mint copies with full gum of North or South American issues since 1920. His address: Ivan Kazansky, ulitza "Tzar Samuil," 5, Sofia, Bulgaria.

**CANADA**

Circular Letter: "Canadian Broadcasting Corporation—Station CRCT, CRCY, CRCX. 805 Davenport Road, Toronto, Ontario, July 7th, 1937. Dear Sir: During the re-organization of the Toronto Division of the Canadian Broadcasting Corporation, we found that your letter requesting verification of programmes from one of the above stations had remained unanswered. We very much regret that this should have happened, but trust you will overlook our remissness in view of the circumstances. I am

sorry that it is contrary to the present policy of the Corporation to accede to requests for verification, and am, therefore, returning your reception reports. Yours very truly, (s) R. E. SNEYD For: G. A. Taggart, STATION MANAGER."

No verification had been requested of the reports returned!

#### CHILE

Sr. Luis M. Desmaras, Manager of "Radio Service" of Santiago, owned and operated by Desmaras & Cia. Ltd., most courteously informs the QRC that momentarily the call used is CB615 on a frequency of 12,300 kc with 1 kw power, but during September the call will become CB-1170 on a corresponding frequency of 11,700 kc. Announcements are in Spanish only. Veri requests via the QRC exclusively will be instantly granted.

A new station for many will be CB 1190 ("cebemil-ciento-noventa" according to the announcer whose rapid delivery is difficult to follow) of Santiago on an assigned frequency of 11,900 kc. Listeners report hearing this station near 12,000 kc. Best reception on the West Coast is at sundown with the signal tapering off during the final hour. An English announcement is made amid static at sign-off 10 p. m. EST. It is our guess that the address is Casilla 760, but don't blame us if this proves to be an advertiser's address instead. Broadcasts conclude with three chimes.

#### COLOMBIA

HJ1ABE "La Voz de los Laboratorios Fuentes" Cartagena announces a change of frequency from that of 9,500 kc effective in September, the new frequency being as yet unknown. Each Sunday at 8 p. m. EST this station dedicates a special musical program to the German people resident in Latin America, and it is remarked that their longwave station is broadcasting 22 hours per day.

"Emisora Atlantico" HJ1ABG Barranquilla 6,040 mentions as of particular interest their 45 minute foreign and domestic news service beginning at 8:30 p. m. nightly.

In reminding the QRC of their weekly English Hour Saturdays at 10 p. m., Sr. Roberto Lequerica, Manager of "Radio Cartagena" HJ1ABP 9,600 mentions that his station receives an average of 800 verification requests monthly from all parts of the world and particularly Hungary, Switzerland, New Zealand and Japan.

Manager J. Alejandro Sanchez C. of HJ2ABC "La Voz de Cucuta" of the city of that name, observes that their programs are executed in their entirety by the best musical groups of that locality and adds that since April 2 a frequency of 4,787 kc has been in use.

Roberto Ramirez, Manager of Emisora "Nueva Granada" HJ3ABD Bogota, with a power of 1 kw, invites attention to the station's new frequency of 4,841 kc. Programs conclude with the National Anthem of Colombia.

**CUBA**

During the summer, Cuba has been prolific of new stations, the details of which are condensed below:

CO-BC "El Progreso Cubano," Habana 1 kw 9.350 relays CMBC 630 kc (s) "Morir Sonyando" (To Die Dreaming) Waltz. Adalberto Fernandez and Antonio Estruch, Announcers. Ovidio Fernandez, Director. Manuel Fernandez, Manager. Domingo Fernandez, Owner. Studios: Maximo Gomez 139. Apartado 132.

CO-BZ Radio "Salas," Habana 250 w 9.030 relays CMBZ 1,000 kc (s) "Popular Melodies accompanied by Nightingales and Canaries, Reich's Aviary. Bremen," Victor record V-1-B. (i) 4 Chimes. Jose Alberto Iniguez and Juan M. Tabares, Announcers. Manuel & Guillermo Salas, Owners and Operators. Studios: San Rafael 14. Apartado 866.

COCM "Radio Columbia," Habana 9.775 relays CMCM 850 kc. Calle 23 No. 482, Vedado. Apartado 33.

COCW "La Voz de las Antillas," Habana 200 w 6.330 (s) "Estrellita" or Little Star, organ. (i) 3 Chimes. V. Gonzalez, F. Fernandez, C. Irigoyen, P. Medina, Announcers. A. Gil, Technical Director. M. Troncoso and A. Gil, Managers. Adolfo Gil Izquierdo, Owner. Studios: Paseo de Marti, 105, altos. Apartado 130.

CO-GF Matanzas 1 kw 11.800 relays CMGF 250 w 1120 (s) "Vals Diana." Salvador de la Torre, Manager. Bernabe R. de la Torre, Owner & Director. General Betancourt 51 (Playa).

CO-JK del Radio Zenith, Camaguey 1 kw 8.665 relays CMJK de El Camagueyano (newspaper) 780 kc (i) 3 tone gong. Vincent P. Jones, English Announcer. Juan B. Castrillon, Manager. Frank H. Jones, Owner. Studios: Finlay 3, Altos.

COBC: "We will send verification cards only on receipt of ten cents or International Reply Coupons."

COCW: "This station will send special verification cards to all listeners who report its broadcasts and enclose an International Reply Coupon for 9 cents or its equivalent."

**DENMARK**

Details of the following new service are condensed:

OXY "Danmarks Radio-Koebenhavn-Kalundborg," Skamlebaek (50 miles WNW of Copenhagen) .5 kw 6.060 and experimentally 6 kw 9.520 & 11.805 (s) "Der er et yndigt Land" (There's a Winsome Land) National Anthem. Government Station. Post-og Telegrafvaesenet, Radioingeniortjenesten, Bernstorffsgade 32, 1 Copenhagen, V., Denmark.

**DOMINICAN REPUBLIC**

F. A. Sanabia, Manager of HIT "La Voz de la RCA-Victor" Trujillo City 200 w 6,630 kc states that although they do not broadcast programs Sundays, athletic events are broadcast by remote control. Also the last Saturday of each month a special DX program is broadcast from 10:40 p. m. till 12:40 a. m. EST. This program should most favor western reception.

Luis Raul Betances Ricart, Owner & Director of HI-4V "La Voz de los Almacenes Hnos. Chabebe," San Francisco de Macoris, Duarte Province,

100 w Collins transmitter, recommends that QRC members tune in their News Broadcast daily except Sundays from 7:10 till 7:40 p. m. EST on a frequency of 6,450 kc.

J. Belisario Curiel, Owner & Operator of HI-5N "La Voz de Moca" of the city of that name, makes special mention of the Catholic Hour broadcast the first Sunday of each month from 6:40 till 8:40 a. m. EST, Monsenor Eliseo Perez Sanchez being in charge. Frequency 6,150 kc.

For some months past, station HI-8Q "Portavoz del Radio Philco" at Trujillo City has been operating on 1,475 kc only, but Sr. Julio O. Garcia Alardo, Owner & Operator, advises that a new transmitter with 1 kw power is being purchased by Sr. Federico Gerardino, Philco Agent, for operation August 1 on 6,206 kc. Listeners should be on the lookout for tests.

#### GREAT BRITAIN

In a letter from the Engineering Division, The British Broadcasting Corporation, the QRC is advised: "Since June 27th we have more or less standardised on a schedule of four transmitters in each transmission, of which two are always of high power and two of medium power."

#### GUATEMALA

Sr. Carlos Castillo Caceres, Director, Radiodifusora Nacional TGWA informs the QRC of an RCA 5 kw transmitter expected to be in service by the end of September, the frequency being as yet undetermined.

Mr. C. H. W. Nason, Chief Engineer of station TG-2 Guatemala City 6,310 kc requests that reply coupons be NOT sent this station since, being a Government station, they enjoy official franking privileges and do not pay postage. Some delay was experienced in the printing of cards owing to the intricate color work, but all reports have since been acknowledged.

#### HONG KONG VERIFICATIONS

"Although ZBW has ceased to verify, our "Before Breakfast DX Club" will monitor ZBW Hongkong 9.525 the first and third Saturdays of each month from 4 to 7 a. m. PST.

"All listeners desiring QSL cards verifying reception of these ZBW transmissions should send the undersigned their reports with 5 cents plus forwarding postage. The postage enclosed will determine the manner of forwarding, i. e. 1 cent will bring it as a postcard, 1½ cents by third-class mail, 3 cents by first-class, or 6 cents by air mail. We guarantee everyone to be well pleased with the card they will receive if reports are correct. (s) Stanley La Rue, President, Before Breakfast DX Club, 309 South Bedford Drive, Beverly Hills, Calif.

#### HUNGARY

B. Marschalko, Manager of Radio Budapest, acquaints us with the fact that his station has under construction an antenna directive to the U. S. A.

**INDIA**

Referring to tests this spring on 6,007 kc, usually between 9 and 9:30 a. m. EST, the Engineer in Charge, Government Radio Station, Mingaladon, Rangoon, Burma, stated: "The broadcasts are merely experimental ones intended primarily for reception and report by our own radio stations in Burma. They are not intended as entertainment for the public generally, although reports from listeners who may happen to pick up our broadcasts are most welcome. As a result of these test transmissions it is possible that a broadcasting station will be established in Rangoon at some future date. Until that date arrives, however, the question of public entertainment value of these broadcasts cannot be determined." W. A. W. NEWS.

Director C. B. Sethna, O.B.E.P., of All India Radio, Bombay, under date of June 29 advises the QRC with respect to VUB 9.565 as follows: "At present the broadcast is not fixed but from December 1937 onward fixed timings will be announced."

**ITALY**

R. O. Andreani, Announcer, American Hour, courteously informs the QRC that mechanical *chaffinches* are the birds heard during intervals of ZRO programs. Editors, the bird is yours!

**KENYA COLONY**

Distant daylight reception on the 49 meter band is altogether improbable, but it may be of interest that Manager H. L. N. Ascough of VQ7LO Nairobi advises the QRC his station now operates on a frequency of 6,083 kc and may be distinguished by a six pip time signal at 7 and 9 p. m. Nairobi Time (2½ hours ahead of GMT).

**MEXICO**

Manager Jose F. Azcona explains that, by authority of a five month permit expiring in August, his station XEBM of Mazatlan has been silent while under reconstruction. The transmitter is made in Mexico of American material.

The Management of Radio-Emisora Cultural XEWW of Guadalajara, Jalisco, thanks the QRC for publishing an account of their inaugural concert May 15 and advises having since been temporarily off the air. Broadcasts may be resumed shortly.

Details of the new station XEWW "La Voz de la America Latina," Mexico City, will be found in Station Data of this issue.

**PERU**

Manager L. N. Anderson of All America Cables, Inc., at Lima advises that the relaying of Radio Dusa "La Voz del Peru" over their station OAX-4-D on 5780 kcs has been discontinued until further notice.

Managing Director Antonio P. Vazquez P. of OAX4J Lima 9.330 kc calls attention to their broadcast each Tuesday at 10 p. m. EST of a Spanish operetta; typical Peruvian music daily from 8 till 9 p. m. and every

Saturday at 10 p. m. a complete opera. Daily at 8:45 p. m. a new method for buying and selling merchandise is offered both continents.

#### PORTUGAL

The Catholic Station "Radio Renascenca" of Lisbon, particulars of which are given in the Station Data section of this issue, will soon increase its power from 250 watts to 2.5 kw. Neither call letters nor interval signal are used, but consideration is being given the adoption of a signal, of which the QRC is to be advised.

The most attractive verification card that has ever come to our attention is the new veri of Radio Colonial CT1AA of Lisbon. The earth in color, encircled by the call in green and scarlet, floats in a starry field of blue.

#### SWEDEN

Experimental Short Wave Station SM5SX of Stockholm changed to a frequency of 15,155 kc June 1, that of 11,705 kc having been taken over by the short wave broadcasting station at Motala March 8. Reception reports received in the interim were referred to the latter.

#### SWITZERLAND

M. Calame, Chief of the Wireless Service at Geneva, communicates through a QRC member that their broadcasts to Australia and New Zealand take place over HBO 11,402 Mondays at 12:30 a. m. EST and that their new antennae array will soon be ready for testing.

#### UNITED STATES OF AMERICA

Milton C. Scott, Jr., Chief Engineer of W4XB 6.040 advises the QRC that construction of their new 5 kw transmitter is under way and they will be on the air not later than September 15 using directive antenna to South America. Schedule is to be maintained not less than 8 hours daily, the exact times to be decided later.

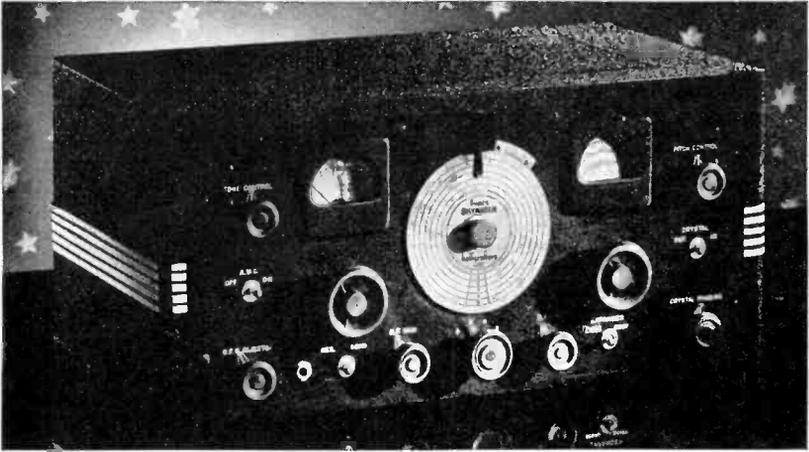
#### VENEZUELA

G. Nouel, Technical Director of YV1RH & YV1RF, 6,360 and 1,120 respectively, writes the QRC that the power of the latter will soon be increased from 350 w to 1,000 w and that a 2,000 w station is in construction for 6.360 kc. Plant and studios are situated in the same building at La Arriaga, about 5 miles from Maracaibo, the capital of the state of Zulia.

Messrs. Degwitz & Siblesz, Owners & Operators of YV5RD "Radio-difusora Venezuela" of Caracas 6,158 kc inform the QRC that the power of their station is shortly to be increased from 1,000 to 2,500 watts.

#### YUGOSLAVIA

Fortnightly, that is, from 7 till 8:15 p. m. EST, the evening of the 13th and the last day of each month, the Belgrade station is being relayed by Berlin on a frequency of 11,855 kc for New York and 10,290 kc for Buenos Aires.



## WHAT IS A *Communications Receiver?*

**I**T'S more than just a "short wave" receiver! A communications receiver is primarily designed for efficient "high frequency" reception—a rugged, "scientific," precision-built job designed to operate at high efficiency under adverse conditions and in emergencies.

Who can design such receivers? Obviously the engineers who use them as their own hobby—and know what they should be.

Such men predominate in the Hallicrafters' organization. Here is a group of engineers who have been actively interested in radio since the days of spark transmitters and crystal detectors.

Today they are building fine communications receivers, putting into them all the enthusiasm and craftsmanship they lavish upon their personal equipment.

When you purchase a Hallicrafters receiver you are not only buying a fine precision-built instrument, but the product of a group of engineers whose pride and life work are represented in that receiver.

**Ask Your Dealer About The Hallicrafters' Time Payment Plan!**

Send for Illustrated  
Booklet completely  
describing the New  
1938 Super Sky  
Rider

the hallicrafters inc.  
2611 INDIANA AVE., CHICAGO, ILL.  
Cable Address, — "Hallicraft" Chicago

**"America's Leading Manufacturer of Communications Receivers"**















*Super-Powered for*



THE  
*New*

**SCOTT** *Philharmonic*

*Clearer, Stronger Foreign Reception*

30



TUBES

## BRINGS IN THOSE WEAK HARD-TO-GET STATIONS

This new Scott Custom-Built Philharmonic is, we believe, the world's most highly perfected long distance receiver. It far surpasses all previous Long Distance World's Records, held by Scott Receivers. 30 Tubes, all operating at peak efficiency, develop tremendous perfectly controlled power. You can now tune many stations you never have heard before. Greater Sensitivity enables you to take a whisper from the far corners of the earth and amplify it to the volume of a "local."

### 3.75 TO 2000 METERS

Greater Wave Length Range, 6 Bands, 3.75 to 2000 meters, gives you complete coverage of practically everything on the air. Every point on the dial is filled with powerful, superb-toned reception. "Years ahead" in design... it will receive Television Sound Broadcasts. The secret of this new Scott Philharmonic's amazing performance lies in its 8 New Features

(patents applied for), which permit you to locate and bring in those far away, weak, hard-to-get stations that are seldom heard on other receivers.

### CUSTOM-BUILT TO ORDER

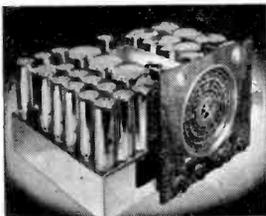
The Scott Philharmonic is not an ordinary radio. It is Custom-Built by hand to suit receiving conditions in your locality. Constructed with the precision of a fine watch. Incorporates every modern improvement of radio science. The Philharmonic is the only Radio Receiver, we believe, that will perfectly reproduce the entire tonal range of the human ear (30 to 16,000 cycles). Every tone from the very lowest to the highest is captured with an uncanny realism that seems to bring you into the very presence of the musical rendition. Guaranteed 5 years. Fifteen cabinets by master designers await your choice.

**FREE DETAILS • MAIL THE COUPON NOW!**

**E. H. SCOTT RADIO LABORATORIES, INC.**  
4491 N. Ravenswood Ave., Dept. 44K7, Chicago, U. S. A.  
Please send details about the new Scott Philharmonic. (No dealers.  
Sold only direct from Scott Laboratories in New York, Chicago,  
Los Angeles. 30-day free trial).

Name \_\_\_\_\_

Address \_\_\_\_\_



**MEMBERSHIP AND ADVERTISING CONTESTS**

The QRC is indebted to Mr. Philip Cass, Member QRC 478, who has kindly donated two World Time Clocks with the following comment: "I am sending the QRC, *with my compliments*, two World Time Clocks such as we sell at \$4.95 net. I would suggest that you put up one as a prize for the member bringing in the most membership subscriptions; the second clock to be given as a prize to the member bringing in the most advertising for the REPORTER.

These prizes are most attractive and are hereby offered in line with Mr. Cass, the donor's, suggestion, to be awarded December 10th of this year—just in time for Christmas! All members introduced at any time prior thereto will be credited. May the best booster win! And all who enter the advertising contest should ask for and will receive our best cooperation.

**JUST BETWEEN US**

Encouraging letters conveying best wishes for the future success of the QRC are continually being received. In expressing our deepest appreciation, there occurs to us a means of making these kind wishes in a measure come true. Advertisements newly appearing in this magazine are sometimes inserted as a trial to observe the readers' response. If you will write a postal for the descriptive literature they may offer, being sure to say you saw their ad in the SHORT WAVE REPORTER, you will effectively help the QRC to make a good showing and possibly to obtain permanent advertising contracts. It is only through such contracts that the QRC is enabled to extend members favorable rates, so we beg of you that you help us to help you. If you wish us well, then please discreetly use a few postcards and cause your wishes surely to come true.

**POST DATA**

Manuel Barbera, QRC 509, Short Wave Editor of "Sintonia," is credited with the following notes of interest:

LR3 Radio Belgrano of Buenos Aires will shortly be relayed daily by short wave stations CXA-8 and CXA-14, both of Montevideo, on 9.505 and 15.170 mc respectively.

OAX4M "Radio Record," Huacho, Peru 150 w 29 meters irregularly relays OAX4Q 1,470 kc. (No reception reports have yet reached the QRC.)

Radio Universal of Ica, Peru, is operating a third station near 9,650 kc under the call OAX5C. (Reception of this station has been poor in the States and it was thought to be a spurious wave of OAX5A.)

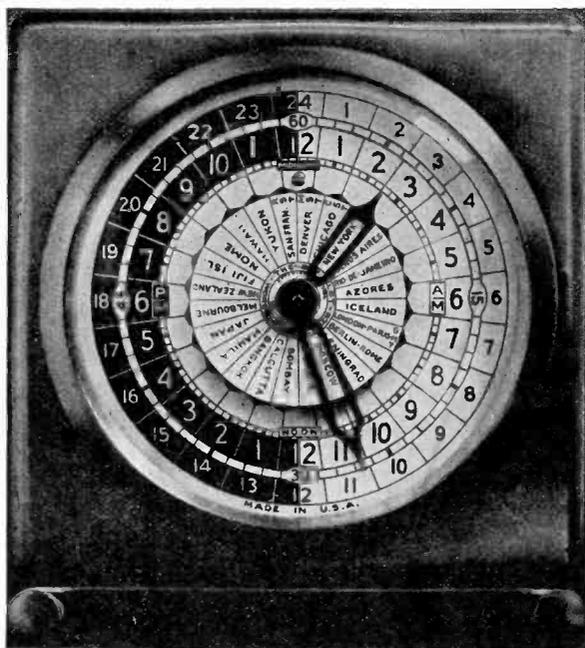
**CLUB STATIONERY**

Hammermill Bond letter-paper for Members. 50 sheets, 31c.

# THE SKY PILOT...

## A 24-Hour World Time Clock

*Instantly tells the difference between all Time Zones  
of the World*



Modernistic Design of Brushed Brass—Convex Crystal—  
40-Hour Movement—Actual Size  $5\frac{1}{4}$ " high,  $4\frac{1}{4}$ " wide. Com-  
pact in Size for Desk or Radio. Price \$4.95.

### **PHILIP CASS CO.**

40 No. 5TH STREET, PHILADELPHIA, PA.

---

#### STATION DATA

##### MARTINIQUE

"Radio Fort-de-France." Fort-de-France, Martinique, F.W.I. 9,450.  
Edouard Boullanger Fils, Owners.

## MEXICO

XEBM "El Pregonero del Pacifico," Mazatlan 50 w 15.440 relays XEBL 1,220 (s) "Quimbamba." Heriberto H. Mejia, Announcer. Manuel Gallardo, Jr., Director. Jose F. Azcona, Manager. Difusora del Pacifico, S. A., Owners. Studios: Av. Angel Flores 153. Apartado 78.

XEBQ "La Voz del Pacifico," Mazatlan, Sinaloa 100 w 6.030 (s) "Luxemburg" March. (i) 4 chimes, sol, mi, do, sol. Correct time signal (sol, mi) every second hour. Alejandro A. Schober, Manager: Adolfo V. Rivera, Art Director; Domingo Vega and Luis Felipe Ferreiro, Announcers; Eduardo Schober F., Technician. Plant: Av. Sacrificio 60. Studios: Av. Sacrificio 60 and Muralla Athletic Club. Apartado 95.

XEBR "El Heraldo de Sonora desde Hermosillo," Hermosillo 150 w 11.820 relays XEBH 930 kc (s) "Sobre las Olas" (Over the Waves) waltz. (i) 4 chimes in descending scale. Jorge J. Le Brun and Guillermo Nunez, Announcers. Luis Hoefler, Director. Jose Remigio Agraz, Manager. Carlos G. Balderrama, Owner. Studios & Offices: Hidalgo 23. Apartado 68.

XEBT Mexico City 1 kw 6.000 (o) "Las Mananitas." (s) "Liebes-traum" or "Dream of Love" by Liszt, piano solo (i) Cuckoo call twice. Henry Guerrero, Announcer. El Buen Tono, S. A., (Cigarette Company) Owner. Apartado 7944.

XECR Mexico City 20 kw 7.380. Government Station under direction of the Foreign Office. Oficina del Departamento de Publicidad, Sria. de Relaciones Exteriores, Mexico, D. F.

XECU Guadalajara, Jalisco 6.075 (s) "Ojos Tapatios." (i) Two-tone train whistle. Arturo Contreras V., Mgr. Union Nacional de Industria y Comercio, Owner. Address: Hidalgo 579.

XEDQ "Hablando a los Continentes desde Guadalajara" (Speaking to the Continents from Guadalajara) Guadalajara, Jalisco 500 w 9.520 relays XED (s) "Jarabe Tapatio." (i) 4 chimes in ascending scale. Jose Suarez and Jose Betiz, Announcers. Indalecio Nunez, Director. Mario E. Bozzano, Manager. Radio Fonografica de Guadalajara, S. A., Owners. Studios: Edificio Mosler, Avenida 16 de Septiembre 170. Apartado 197.

XEFT "La Voz de Veracruz," Veracruz 20 w 9.550 relays XETF 1,220 and occasionally XEB-XEBT (s) "Vals Poetico" by Felipe Villanueva. Jose Rodriguez Lopez, Manager. Studios: Av. Independencia No. 28.

XEKM Leon, Guanajuato 100 w 6.050 relays XEKL 1,240. Hemmer & Romero S. de R. L., Owners. Studios: Madero 16. Plant: Independencia 613. Apartado 181.

XEPW "La Voz del Aguila Azteca (Aztec Eagle) Mexico City 6.110 relays XEJW 870 (s) "Valladolid Azteca." (i) 5 chimes in ascending scale and five at random, or four strokes of a gong. Enrique Arzamendi, Managing Director. Jose G. Garza Fox & Son, Owners. Studios: Carpio No. 137 altos, Colonia de Santa Maria. Apartado 8403, Mexico, D. F.

XETM Villahermosa, Tabasco 11.730 (s) Waltz with tenor refrain in Spanish. Studios at Hotel Palacio. Apartado 74.

XEIW "El Eco de Sotavento desde Veracruz (The Echo from Lee-ward) Veracruz 6.020 (s) "La Golondrina" (The Swallow). Fernando Pazos Sosa, Mgr. Studios: Av. Gomez Farias 33. Offices: Av. Independencia 98.

XEUZ "Radio Nacional," Mexico City 1 kw 6.120 relays XEFO 5 kw 940 (s) "Marcha Dragona." Aldrete, Garza, Santibanez, Roca and (English) Garcia, Announcers. "Hour of the Republic," 11 p. m. EST directed by Ricardo Vazquez Acosta. Leobardo Gonzalez, Art Director. Ing. F.

Javier Stavoli, Technical Director. Dip. Demetrio Bolanos Espinosa, Manager. National Revolutionary Party, Owner. Av. 5 de Mayo No. 21. Apartado 2641.

XEWB "Radio-Emisora Cultural," Guadalajara, Jalisco 11.710. Raul Salaman, Sub-Dir. Artistico. Primitivo Padilla Haro, Manager. Camara de Proprietarios de Guadalajara, Owners. Studios: Hospicio 50. Offices: Juarez 289.

XEWI "My Voice to the World from Mexico," Mexico City 250 w 11.900 (s) "Ah! Sweet Mystery of Life!" by Victor Herbert. (i) 2 strokes of gong every half hour. Francisco Alvarado, Director & Announcer. Luciano Gonzalez Burns, Manager. World Institute of Impersonal Life, Owner. Studios: 3a de Mina, 56. Apartado 2874.

XEWW "La Voz de la America Latina desde Mexico," Mexico City 7.5-9 kw 9.500 & 15.160 relays XEW (s) "Military March" by guitars. (i) 4 chimes in descending scale. Emilio Azcarraga, Director. Othon M. Velez, Manager. Cadena Radiodifusora Mexicana, S. A., Owners. Calle Ayuntamiento 54. Apartado 2516.

EXXA Mexico City 300 w 6.130 relays XEDP 1,080 (s) "Mexican Pentaphonic Motif." (i) 4 Telechime Notes. Alfonso Garcia, Juan Roca and Juan Jenkins, Announcers. Guillermo Morales B., Manager. Government Station under direction of the Oficina de Propaganda, Departamento Autonomo de Publicidad y Propaganda, Av. Argentina y Luis Gonzalez Obregon. For veries: Oficina de Propaganda (DAPP), Bucareli 12, Desp. 103, Mexico, D. F.

#### MOZAMBIQUE

CR7BH Lourenco Marques 11.718 & CR7AA 6.137. Gremio dos Radiofilos da Colonia de Mocambique, Owners & Operators. Caixa Postal 594.

#### NETHERLANDS

PCJ Hilversum 9.590, 15.220, PHI 17.770 (s) "William of Nassau," National Anthem. Chief Announcer: Edward Startz. Second Announcer: L. G. Wybrands. Owned by N. V. Philips' Omroep Holland-Indie of Eindhoven, Emmasingel 29. Address: Phohi Studios, Hilversum, Jan v. d. Heydenstraat 41.

#### NETHERLAND EAST INDIES

PLP Bandoeng 1.5 kw 11.000; PMH Bandoeng 1.5 kw 6.720; YDB Soerabaia 1 kw 9.610 & 15.300; PMN Bandoeng 1.5 kw 10.260; YDC Bandoeng 1.5 kw 15.150—approximately in the order of their signal strength in North America. (s) "Sing as We Go" (morning session, Java time, not audible in U. S.). (s) "End of a Perfect Day" (evening session—morning in U. S.). The Netherlands Indies Broadcasting Co., Ltd., (NIROM), Batavia-Centrum. Koningsplein West 5, Java.

PMY Bandoeng 1 kw 5.145 (o) "Fideles Munchen" March (i) "No Money and No Sorrows," Song on Chimes. (s) "Auf Wiedersehen, My Dear," Organ. J. G. Prins, Director. C. Reids Leegsma, Manager. Bandoengsche Radiovereeniging (Radio Club of Bandoeng), Owner. Studios: Nillimy Building, Aloon 2. Postal Address: Dagoweg 97, Bandoeng, Java.

#### NETHERLAND WEST INDIES

PJC-1 "CUROM" Korte Golf Zender, Willemstad, Curacao 150 w 5.930, PJC-2 9.470 (s) "William of Nassau" Netherlands National Anthem. Local time 24 minutes ahead of EST. Government Station leased to Curacaosche Vereeniging (Curacao Radio Club) and operated by subscriptions paid by members. P. Maduro, Announcer. D. Molinhamp, Director of Radio and Telephone Services, Lands Radio-en Telefondienst.

**NICARAGUA**

YNAM "La Voz del Pacifico," Managua, D. N., 7.200.

YNIGG "La Voz de los Lagos," Managua, D. N., 6.533. Raul Gutierrez U. & Co., Ltd., Owners.

YNGU "Alma Nica," Managua, D. N., 30 w 9.300. Apartado 295.

YNLF "La Voz de Nicaragua," Managua, D. N., 1 kw 7.600, 9.650. Empresa LeFranc, Owners. Calle 15 de Septiembre, No. 206.

YNLG "De Ruben Dario," Managua, D. N., 150 w 8.505. Benjamin Guerra L., Manager.

YNOP Radiodifusora "Bayer," Managua, D. N., 1 kw 5.758. Ernesto H. Andreas, Technical Director. Edmundo Tefel, Manager. (For verisend unused U. S. 3 cent stamp, as IRC invalid in Nicaragua.)

YNPR "La Voz del Radio Pilot," Managua, D. N. 500 w 8.650. Relays YNPR 630. A. Majewsky, Mgr. Rodolfo Sengelmann, Owner.

**NORWAY**

LKJ-1 Oslo (Jeloy) 1 kw 9.530, 6.130. Interval signal: Motif from Grieg's "Sigurd Jorsalfar." (s) "Sang for Norge," National Anthem. Government station.

**PANAMA**

HP5A "Star & Herald Radio Theater," Panama City 11.700. Apartado 954.

HP5B "Estacion Miramar," Panama City 100 w 6.030 relays HP5C 100 w 730 kc (o) March "Panama." (s) "Good Night Melody." Urbano Vengoechea and Sta. Maria Vidal, Announcers. Guillermo Endara P., Manager & Director. Radio Panama, S. A., Owner. Studios: Club Miramar, Bella Vista. Apartado 910.

HP5F "La Voz de Colon," Colon 6.080. Manuel D. Joly E., Commercial Agent. Servicio Publico de Radio, S. A., Owner. Address: Carlton Hotel. P. O. Box 405.

HP5H Panama City 6.122.

HP5I "La Voz del Interior," Aguadulce 50 w 11.895 (s) "El Tambor de la Alegria" (The Drum of Joy). (i) Gong—3 strokes thrice on hour and half-hour. Francisco Cebamanca, Announcer. T. Fogarty, Secretary, English Section. G. J. Ecker, Treasurer. Alejandro de Boutaud, Manager & Director. Studios: Plaza Principal. P. O. Box 24.

HP5J "La Voz de Panama," Panama City 160 w 9.590 (variable). Manuel Diaz Doce, Manager. G. Williams, News Commentator, Box 34. Servicio Publico de Radio, S. A., Owner. Caja Postal 867.

HP5K "La Voz de la Victor," Colon 6.005 relays HP5O 1,440. (s) "La Viuda Alegre" (Merry Widow Waltz). Jose Jaen y Jaen & Cia. Ltda., Owners. Apartado 33.

HP5L "Las Ondas del Baru," David, Chiriqui Prov. 350 w 11.740. Leo Marchosky, Mgr. Apartado 129.

**PERU**

OAX1A "Radio Delcar," Chiclayo 300 w 6.150 (s) Ted Lewis' "Good Night Melody" followed by Peruvian National Anthem with vocal chorus. J. Carlos Montjoy D., Owner. Casilla No. 9.

OAX4D "La Voz del Peru," Lima 5.780. Relay of Dusa Broadcasting Company program temporarily discontinued. (s) Morse signal modulated at 1,000 c. p. s. L. N. Anderson, Manager. All America Cables, Inc., Owners. Casilla 2336.

OAX4G "De la Casa Grellaud," Lima 6.230. (s) Ted Lewis' "Good Night Melody." Roberto Grellaud y Cia., S. en C., Owners. Street Address: Avda. Abancay 915-923. Apartado 1242.

OAX4J "La Voz de Lima," Lima 500 w 9.330 relays OAX4I 1 kw 1,100 (o) "Broadway Rhythm." (i) 3 chimes. (s) "Good Night, Sweetheart." Announcements: Spanish, French and English. Antonio P. Vazquez P., Managing Director. Jorge Aprile, Manager. Radio Internacional, Inc., Owners. Studios: Minería Building, sixth floor. Casilla 1166.

OAX4P "Radio Huancayo," Huancayo 5.975.

OAX4Z "Radio Nacional," Lima 6.092 relays OAX4A 854 (s) National Anthem with vocal chorus. Marconi Wireless Telegraph Co., Ltd., Owners. Casilla 921.

OAX5A "Radio Universal," Ica 11.796 (s) "Estrellita" by Manuel A. Ponce, followed by Peruvian National Anthem with vocal chorus. J. A. Umberto F., Owner & Operator. Studios: Avenida San Luis.

OAX6A "Radio Arequipa," Arequipa 100 w 6.122 (o) "La Marcha de los Marineros." (s) "Himno Nacional del Peru." Eduardo Caceres B., and Jorge Caceres B., Announcers. Alberto Malaga, Manager. Edo. L. Caceres, Owner & Director. Studios: Munoz Najara 141. Casilla 293.

#### POLAND

SPW Polskie Radjo, Warsaw (Babice) 10 kw 13.635. Government Station. Ing. S. Karaffa-Kraeuterkraft, Secretaire General. Address: 5, Mazowiecka St.

#### PORTUGAL

CSW Emissora Nacional de Radiodifusao, Lisbon 5 kw 9.940, 11,040. Government owned, under direction of Ministry of Public Works and Communications. Street Address: Rua do Quelhas.

CT1AA "Radio Colonial," Lisbon 2 kw 9.650 (o) "Feno de Portugal," March by Cruz and Souza. (s) "A Portuguesa," National Anthem. (i) Cuckoo call thrice. Joao de Melo, Announcer. Abilio Nunes dos Santos, Jr., Owner. Av. Antonio Augusto d'Aguiar, 136.

"Radio Renascenca" or "Emissora Catolica Portuguesa," Lisbon 2.5 kw 5.977. No call letters used. (s) "Hymn to Our Lady de Fatima." (i) None. Sister Laurinda and others, announcers. Father Lopes da Cruz, Director. "Renascenca," a Catholic publication, Owner. Rua Capelo No. 5.

#### SIAM

HS8PJ Bangkok (Saladeng) 5 kw 9.350, 19.020 Interval Signal: 3 chimes in ascending scale. Government Station. Lt. Col. Phra Aramrajit, Superintending Engineer of Radio Section, Post & Telegraph Dept. Address: Experimental Shortwave Broadcasting Station HS8PJ, Bangkok.

#### SOUTH AFRICA

ZTJ Johannesburg 5 kw 6.097. (s) "Die Stem van Suid Afrika" and "God Save the King." African Broadcasting Co., Ltd., Box 4559.

#### SPAIN

EAQ "The Voice of Spain," Madrid (Aranjuez) 20 kw 9.860 & EAR 9.480. Transradio Espanola, S. A., Apartado 951.

Radio "Guardia Civil," Tetuan, Sp. Morocco 200 w near 6.590 (s) "Marcha Oficial de Falange y Marcha Granadera." (i) Gong. Sargent Lorenzo Gomez Benitez, Operator & Announcer.

**STRAITS SETTLEMENTS MALAYA**

ZHJ Penang 49 w 6.080 Daily 6:40-8:40 a. m. EST. Time 7 hours 20 minutes ahead of GMT. Penang Wireless Society, Owner. T. A. Crossley, Asst. Hon. Secretary. 40, Perak Road, Penang, S. S. Malaya.

**SWEDEN**

SBG "Motala Rundradiostation," Motala 500 w 6.065 & 11.705. The station normally transmits the whole Swedish broadcasting program. Address: Motala Broadcasting Station, Motala, Sweden.

SM5SX "Experimental Short Wave Station," Stockholm 400 w 15.155. Uses neither interval signal nor musical signature. Royal Technical University (Kungl. Tekniska Hogskolan).

**SWITZERLAND**

"Radio-Suisse—Radio-Nations," Geneva HBH 18.480, HBF 18.450, HBJ 14.535, HBO 11.402, HBL 9.595, 9.345, HBP 7.797, HBQ 6.675. C. H. Calame, Chief of the Wireless Service. Address reports on League of Nations Bulletin broadcasts to Information Section, League of Nations, Geneva. For other broadcasts address: Radio-Suisse, Quai de la Poste, 12, Geneva. If verification desired, send IRC.

**TAHITI**

FO8AA Radio Club Oceanien, Papeete 200 w 7.100 (s) Opening "La Marseillaise," closing "Aloha Oe" or "Farewell to Thee." Alfred T. Doroi, President.

**UNION OF SOVIET SOCIALIST REPUBLICS**

Moscow RAN 9.600, RNE 12.000 RV-59 6.000 (s) "Internationale." Inna Marr, Chief Editor, Radio Center, Solyanka 12, Moscow, U.S.S.R.

RV-15 Khabarovsk 4.245. Rowena Meyer, Editor, Radio Committee, Khabarovsk, U.S.S.R.

**UNITED STATES OF AMERICA**

W1XAL "Dedicated to Enlightenment," Boston, Mass. 20 kw 6.040, 11.790, 15.250, 21.460 (o) First six notes of Star Spangled Banner. (s) "Star Spangled Banner." Ruth Stanford, Station Secretary. World Wide Broadcasting Foundation, Owner. Walter S. Lemmon, President. University Club, 40 Trinity Place.

W1XK Millis, Mass. 10 kw 9.570 relays WBZ Boston (s) "Stars and Stripes Forever." Dwight A. Myer, Plant Manager. Westinghouse Electric & Mfg. Co., Owners. Hotel Bradford, Boston, Mass.

W2XAD "The Voice of Electricity," Schenectady, N. Y., 18 kw 15.330 & W2XAF 25 kw 9.530 (o) "Stars and Stripes Forever" followed by three crashes of 10 million volt artificial lightning. (i) Chimes G-E-C. (s) "Star Spangled Banner." E. S. Darlington, In Charge, Short-Wave Broadcasting. General Electric Co., Owner. 1 River Road.

W2XE New York, N. Y. (Wayne, N. J.) 5 kw 6.120, 11.830, 15.270, 17.760, 21.520, (s) Star Spangled Banner. Atlantic Broadcasting Corp., Owners, 485 Madison Av., New York, N. Y.

W3XAL Bound Brook, N. J. 12-15 kw 17.780, 25-30 kw 6.100 relays WJZ (s) "Star Spangled Banner." (i) 3 chimes. Address: Audience Mail, National Broadcasting Co., Inc., RCA Building, 30 Rockefeller Plaza, New York, N. Y.

W4XB Miami Beach (Collins Island in Biscayne Bay) Fla., 5 kw 6.040 relays WIOD. Milton C. Scott, Jr., Chief Engr. Hal I. Leyshon, Mgr. Isle of Dreams Broadcasting Corp., Owner. 600 Biscayne Blvd., Miami.

W8XAL Cincinnati (Mason) Ohio 10 kw 6.060 & 9.590 relays WLW 700 (s) "Star Spangled Banner." R. J. Rockwell, Technical Supervisor. The Crosley Radio Corporation, Owner, 1329 Arlington Street. (9,590 kcs not now being used. New transmitter being constructed for this frequency.)

W8XK Pittsburgh (Saxonburg) Pa. 40 kw 6.140, 11.870, 15.210, 21.540 & W8XKA 50 w 31.600 (s) "Stars and Stripes Forever." J. E. Baudino, Plant Manager. Westinghouse Electric & Mfg. Co., Owner. Grant Building, 310 Grant Street.

W9XAA Chicago (Downers Grove) Ill. 5 kw 6.080, 11.830, 17.780. Maynard Marquardt, Technical Supervisor, 666 Lake Shore Drive, Chicago.

W9XF Chicago (Downers Grove) Ill. 10 kw (s) Star Spangled Banner. T. E. Schreyer, Operating Supervisor. For verifications: Audience Mail, National Broadcasting Co., Inc., Merchandise Mart, Chicago.

#### URUGUAY

CXA-2 Montevideo (Sayago) 6.035. Ernesto Racine, Co-Owner. Studios: Rio Negro 1631.

CXA-4 Montevideo 6.125 (Government Station) Hector M. Laborde, Director. Studios: Mercedes 823.

#### VATICAN CITY STATE

HVJ "Radio Vaticano," Vatican City 10 kw 15.121 & 5.969. Characteristics: Ticking of clock for five minutes preceding transmissions—Chimes of St. Peter on the hour—Initial and final words: "Laudetur Jesus Christus." Address: Stazione Radio H.V.J., Citta del Vaticano, Vatican City State.

#### VENEZUELA

YV1RB "Ecos del Zulia," Maracaibo, State of Zulia 300 w 5.850 (s) "Strike up the Band." (i) One gong stroke. Alirio Jimenez, Jaime Esparza and Antonio Espinoza, Announcers. L. Garcia Nebot, Director. Juan Suarez Castro, Manager. Luis Garcia Nebot & Juan Suarez Castro, Owners. Studios: Zamora & Vargas Sts. Tx: El Paraiso, las Delicias. P. O. Box 37.

YV1RD "Radiodifusora Maracaibo," Maracaibo (ex YV7RMO) 6.465, relays YV1RE 1,153. Luis Mantellini, Jr., Owner. Apartado 100.

YV1RG "Radio Valera," Valera (Santa Barbara) State of Trujillo 500 w 6.230 (s) "Marcha Radio Valera." Elias Barrios A. and Alberto Isaac, Announcers. Pedro Febres Jelambi, Manager. Jorge Febres Jelambi, Owner. Avenida Bolivar No. 56.

YV1RH "Ondas del Lago," Maracaibo (La Arriaga) 350 w 6.360 relays YV1RF 350 w 1,120 (s) "Er weicht der Sonne nicht!" (i) Measure from "Jealousy." "Emisora Philco, etc.," is the advertisement of a commercial house. Luis G. Rosales, Luis G. Govea. N. Vale Quintero and G. Nouel, Announcers. G. Nouel, Technical Director. Nicolas Vale Quintero, Owner. Apartado 261.

YV1RI "Radio Coro," Coro, State of Falcon 250w 6.210 (s) "Los Tres Colores" (The Three Colors) March. (i) 4 marimba notes. N. Ascanio Buroz, Announcer. Eugenio Grand, Manager. Roger Leyba, Owner & Director. Studios: Urbina Building on Calle Comercio.

YV1RL "Radio Popular," Maracaibo (Sabaneta Larga) 300 w 5.930 relays YV1RK 250 w 1.280 (s) "National Emblem March." Maracaibo time 13' 16" ahead of EST. Alfredo Eduardo Mosquera, Technical Director. Jose A. Higuera M., Owner. Apartado 247.

YV2RA "La Voz del Tachira," San Cristobal, State of Tachira, 1 kw 5.755 relays YV2RB 1 kw 980 kc (s) "El Capitan," Sousa March. (i) Marimba. San Cristobal time 11 minutes ahead of EST. Vicente Morales, Announcer. Juan Agustin Chacon, Director. Jesus M. Diaz Gonzalez, Owner & Operator. Studios: Octava de Barbula No. 41. Apartado 37.

YV3RA "La Voz de Lara," Barquisimeto (Santa Rosa), State of Lara 5.880 relays YV3RC 1273 kc (s) "Marcha del Rey Don Carlos" (King Charles March). Sigala & Ramos, Owners.

YV4RB "La Voz de Carabobo," Valencia, State of Carabobo 500 w 6.520. Guillermo Degwitz, Owner.

YV4RD "La Voz de Aragua," Maracay, State of Aragua, 6.300, YV4RG 1,150 (s) "El Aragueno," a typical Venezuelan joropo composed by Manuel Briceno. Station identification on quarter hour with background music. O. Paz Castillo, Director. Oscar Croquer, Manager.

YV4RH Valencia 5.910.

YV5RC "Radio Caracas," Caracas 1 kw 5.800 relays YV5RA 5 kw 960 (s) March "IBC." (i) 4 chimes. Alcides Toro, Sub-Director. Jose C. Marcano Coello, Chief Engr. Ricardo Espina, Director. C. A. "Almacén Americano," Owners. Pajaritos a La Palma. Apartado 2009.

YV5RD "Radiodifusora Venezuela," Caracas 2.5 kw 6.158 relays YV5RB 5 kw 1,200 (s) "Unidos para Siempre," March. Hermann Degwitz Director. Gerardo Siblesz, Manager. Degwitz & Siblesz, Owners. Plant: Las Barrancas, 3 miles from Caracas. Studios: Interior del Pasaje Ramella.

YV5RF "Ecos del Caribe," Caracas 6.375 relays YV5RE 1,100. Veries signed "R. Vargas." Apartado 983.

YV5RH Emisora "Ondas Populares," Caracas (ex YV9RC) 6.400, relays YV5RG 1,010. Studios & Tx: Los Jardines-El Valle (Valley Gardens) in downtown Caracas. Gonzalo Veloz Mancera, Owner & Operator. Apartado 1931.

YV5RJ "La Voz de la Esfera," Caracas 6.250 relays YV5RI 1370.

YV5RP "La Voz de la Philco," Caracas 1,200 w 6.270, relays YV5RQ 882 kc. Alberto Fortoul H., Director. La Casa Philco de V. M. Soto, Owner. Apartado 508.

YV6RB "Ecos del Orinoco," Ciudad Bolivar, State of Orinoco 300 w 6.545. Enrique Torres Valencia, Owner. Apartado 34.

YV6RC "Radio Bolivar," (Emisora guayanesa) Ciudad Bolivar (Orinoco River) 300 w 6.420 (s) "Marcha Venezuela." (i) Gong. Pedro Reyes, Francisco Verde, Antonio J. Setillo and Alejandro Ruiz. Announcers. Jose Francisco Miranda G., Manager. Miranda & Beherens, Owners. Plant: Zona de Ensanche. Studios: Calle Amor Patrio 337. Offices: Calle Orinoco.

#### YUGOSLAVIA

YUIA "Yugoslav Short Wave Radio Station," Belgrade 1 kw 6.100 (s) National melody played on flute. English announcements by lady. Government Station under direction of Central Press Bureau. Dr. Kosta Lukovitch, Director. Stoyan Bralovitch, Manager. Address: No. 16 Milosha Velikog.











QUIXOTE RADIO CLUB

The 'F. B.' Log

14.563 - 14.706 Meters

20. M/c																					20.
4										5											6
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
p					J									p							
v	d	i			a					d	l			v						p	
t	m	g	r		v					g	s			c						m	
j	s	b	k		2					q	e			8						b	

14.423 - 14.563 Meters

20. M/c																					20.
6										7											8
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
					t									p	d						
					u									x	p					k	
					5															p	
																				m	
																				w	
																				r	
																				p	

14.286 - 14.423 Meters

20. M/c																					21.
8										9											0
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
						E															t
						D															q
						M															u
Xpt	k	p				E				w	p									w	t
.	s	f				H				b	u									m	q
wrp	s	f				Y				q	c									y	4

14.151 - 14.286 Meters

21. M/c																					21.
0										1											8
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
		L				K								K		L					
		S				W								I		S					
		N				N			A							L					
		6														4					
t																					t
q		n			f							l									q
u		a			t							s									u
2		e			c							v									u

14.019 - 14.151 Meters

21. M/c																					21.
-2										3											4
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
		W																			w
		Q																			i
		A																			s
t	w		w		w									d							k
q	q		q		b									n							w
u	a		j		u																s

13.889 - 14.019 Meters

21. M/c																					21.
4										5											6
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
		W																			
		K										J	G		G						
		K										Z	S		S						
		K										M	J		T						
					O	W															
					L	l															
					R	X	p							W		W					
					6	A	d							X		X					
					A	L	s							E		K					

### VERIFICATIONS GUARANTEED

The way of the veri collector is hard. Voicing his sentiment, one has said he would not mind the cost of a reply coupon if sure of getting his veri. Coupons never afford this assurance, and although costing 9 cents they yield the station, at most, 5 cents. In a number of countries they have no value whatever for their acceptance by the postal authorities is optional. The assurance sought by listeners, the QRC seeks to supply.

Availing of our most cordial relations with a number of stations, the QRC asked for and was courteously given assurance that all requests through the QRC would be instantly honored. However, it is only just that those who desire cards should contribute toward their cost, clerical as well as postal. As a fair sum, the QRC suggests a dime. For the conversion of this sum into foreign currency and the forwarding of requests by air mail, the QRC estimates an additional pro rata cost of 3 cents.

Therefore, listeners desirous of cards of the stations listed below may send the QRC correct reception reports, each accompanied by a dime and three cents postage. By air mail, the QRC will make the necessary requests of the respective stations, in their own language, and the stations will immediately mail each listener his card direct. In the event an original card should go astray, double assurance is afforded listeners in that a duplicate will be requested by the QRC without charge.

### DIME VERI STATIONS

5.755 YV2RA San Cristobal, Ven.	Jesus M. Diaz G., Propietario
5.885 HI-9B Santiago ,Rep. Dom.	J. L. Sanchez, Jr., Director
6.015 HI-3U Santiago, Rep. Dom.	Moises Franco Franco, Director
6.030 XE-BQ Mazatlan, Mexico	Alejandro A .Schober, Gerente
6.085 HJ5ABD Cali, Colombia	Jorge E. Rivas, Gerente
6.122 HJ3ABX Bogota, Colombia	C. Rios Hoyos, Gerente
6.150 HI-5N Moca, Rep. Dom.	J. B. Curiel, Propietario
6.360 YV1RH Maracaibo, Ven.	G. Nouel, Director Tecnico
6.630 H I T Ciudad Trujillo, D. R.	F. A. Sanabia, Manager
6.668 HC2RL Guayaquil, Ecuador	Dr. Roberto Levi, Manager
9.330 OAX4J Lima, Peru	Antonio Vazquez P., Gerente
9.500 H J U Buenaventura, Col.	Alberto Pinzon Neira, Gerente
9.520 XE-DQ Guadalajara, Mex.	Mario E. Bozzano, Manager
9.550 XE-FT Veracruz, Mexico	Jose Rodriguez Lopez, Gerente
11.700 CB-1170 Santiago, Chile	Luis M. Desmaras, Gerente
15.440 XE-BM Mazatlan, Mexico	Jose F. Azcona, Gerente

(See Inside Front Cover)

K6NZU - HILO → W6IZU

9-28-37 1140 P.

#### SWL CARD EXCHANGE

Believing that upwards of 500 SWL Card Swappers cannot be entirely wrong and might become interested in QRC membership if we promote their sport, the SWL Card Exchange is re-vamped as follows:

"As an initial trade, send the QRC 30 of your SWL cards and in return you'll receive an assortment of 20 different SWL cards. Additional trades, subject to completion as fast as the additional varieties are accumulated, are on the following basis: Send the QRC ten of your SWL cards and 3c U. S. postage (or if a resident outside the U. S., send five extra cards in lieu of postage), and in return you'll receive an assortment of 10 different SWL cards.

"All cards must be printed and bear no writing other than your signature. Do not enclose any written message with the cards. The QRC will know what is wanted. Tie cards with a string and mail in an OPEN envelope marked "Third Class Printed Matter." When so mailed, the postal rate in the U. S. is only 1½c for each two ounces (10 cards), but if you seal the envelope the rate will be four times that amount. Do NOT seal the envelope. When additional varieties of cards are available, the announcement will be made in the REPORTER. Address cards to: Quixote Radio Club, Box 772, Santa Barbara, California, U. S. A."



# SHORT WAVE REPORTER

204C

*T.P.*



JANUARY, 1937

QUIXOTE RADIO CLUB  
Box 772  
Santa Barbara, California

No. 4

15 Cents

*Jan & Nov.  
to Ed. Dayton.*

## LISTENERS WON'T TELL

Radio stations are quite naturally interested in learning whether their programs are being heard well and enjoyed. Only their listeners know, and they seldom tell. To many of us, the writing of a letter appears a supreme effort—the thought fatigues us. Others may ponder the economic aspect, weighing the postal expense against the lure of chewing gum and soda pop, or feel charitably inclined, using these few cents to help the poor man on the corner—who sells ice cream cones. Whence, then, comes the little encouragement the stations do receive?

## YOU'RE WONDERFUL

Only a collector of verification cards spurns these ephemeral joys for the more enduring pleasure afforded him by the possession of such cards, and it is he alone who—in the expectation of a card—responds to the station's appeal. Since his report is designed to get this card, there may be a tendency to substitute mellifluous praise for unpleasant facts. Fifty million people seem to believe, so it must be so, that man can refuse nothing if told he's wonderful. These sporadic solitary reports afford little basis for comparison and may be of little technical value—solitary because the collector's interest in the station forever perishes, once he obtains their card. Truly helpful reports are not plentiful.

## TOIL AND TROUBLE

Experimental broadcast stations—and most shortwave stations are experimental—are anxious to receive reports. At the same time, reporting really intensifies the listener's pleasure. Were it not for the double obstacle—trouble and expense—many would respond to the stations' appeal. The QRC has undertaken to remove this obstacle in the following manner: Inexpensive report forms, easily filled out, have been prepared for the listener's use. These forms are available in lots of 90 for 9 cents, post-paid. With no letter, you merely send the reports, with a quarter cent each, to the QRC for forwarding along with the reports of other members to the respective stations. In this manner you can send reports to 20 different stations anywhere at no greater expense than ordinary postage on a single report to Europe. The popularity of this method has been clearly demonstrated by the handling of more than 30,000 reports during the brief period it has been in use. While rendering this useful service, so highly appreciated by the stations, listeners really add to their own enjoyment.

Anyone wishing to earn a prize may participate in the Connoisseur Plan. It is not a contest with prizes for a favored few, but constructive cooperative effort with prizes for everyone earning them. Under this Plan every member who, using QRC forms, renders ten reports on each of thirty shortwave broadcast stations—a

(Please turn to Inside Back Cover.)



# Short Wave Reporter



## HEAR HOLLAND!

One of the most popular programs on the air today is offered by the "Happy Station," so named by its jovial announcer, Edward Startz, the man of many languages. In acknowledging a listener's report and request for an advance copy of the station's program, he was heard to state over the air that none is published because the programs are extemporaneous. And to the listener who expressed appreciation of the station's "news broadcasts," he replied that he was not certain the listener had been hearing this station, for the Happy Station never broadcasts news! The programs consist of Viennese waltzes, Argentine tangos and popular music of varied tempo—always vivacious—with never a dull moment. Though best in summer, the station is heard well but not regularly for it broadcasts only certain days of the week. At other times the sister station, the other of the "Dutch Twins," may be heard.

The stations are PCJ and PHI.

The time best heard on the west coast is: PCJ 15.220 kc Wednesday mornings till 11 a. m. EST, and PHI 11.730 kc daily, excepting Tuesday and Wednesday, till about 10:40 a. m. EST. On the east coast: PCJ 9.590 Wednesday evenings after W3XAU Philadelphia leaves the air, and possibly PHI at 8:30 a. m., although this band now weakens about an hour after sunrise, thus favoring the later dawn of the Pacific Coast—believe it or not!

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.

15 cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1937 by E. J. Shields, Chots.

Advertising accepted of reputable firms only. Rates on application.

For the place, find the following "key stations":

15 MEGACYCLE BAND  
15.210 W8XK Pittsburgh  
15.220 PCJ Eindhoven

11 MEGACYCLE BAND  
11.720 CJRX Winnipeg  
11.730 PHI Huizen

9 MEGACYCLE BAND  
9.590 W3XAU Philadelphia  
9.590 PCJ Eindhoven

As CJRX will not be on the air in the morning, its location on the dial should be noted the evening before, and PHI should be heard in nearly the same spot the following morning (excepting Tuesdays and Wednesdays).

Transmissions are usually preceded by the ticking of a metronome and they open and close with the Dutch National Anthem: "William of Nassau." Holland time is 20 minutes ahead of GMT and you will hear a musical clock striking 20 minutes before the hour.

#### PROGRAM VALUE VS. DX

By intense cultivation, or the utilization of the inside of the cover, we have cleared these pages for less routine notices. For those engaged in logging as many different stations as possible, the item of supreme interest is the advent of a new station upon the spectrum. For our part, the greatest sport is the deciphering of the call of a station not yet appearing in any published list. When listed, you have a clue, but when unlisted, your powers of perception are tested. Afterward the list tells whether we guessed the answer!

As high spots, unlike the inveterate DX'ers (distance listeners) in search of weak signals, we seek strong signals of program value, and, secondly, new stations which may be logged in this country. Our list will not be padded with stations unlikely to be heard.

#### ARGENTINA

Entertainment of the highest order is now provided by Radio El Mundo (daily newspaper) over station LRU 15.290 mc by day, and LRX 9.660 mc evenings. News in Spanish is given at 6 a. m., 10:45 a. m. and 4 p. m. EST over LRU. Address: Calle Maipu, 555, Buenos Aires

### AUSTRIA

Listeners on the east coast in particular, who have never logged Vienna, now have that opportunity. Station OER-2 has changed to a more favorable frequency, i.e. 11.800 kc, the schedule remaining as before—see Page 14. Reception improves after 3 p. m. Should you not log the Blue Danube here, try Radio Budapest Sunday at 9 a. m. or 6 p. m. Address of Radio Wien: Wien 1, Johanesgasse 4b, Osterreich.

### CHILE

Getting Chile at this season may not be extraordinary, but a new broadcast station located at Santiago tests daily on 12,300 kc from 11 a. m. till 1 p. m. and from 4 till 8 p. m. EST. The last half hour in the evening is best on the Pacific Coast. All announcements are in Spanish and the call may be CEB, but is spoken as a single word. At any rate the address of the station is Casilla 761. Be not confused by the announcement that by writing to Casilla 1998 you may win a couple of boxes of spaghetti, for that is not the station address. At sign off a Sousa march is played. Uncertain as to its title, we'll hazard no guess.

### CHINA

One of the strongest signals audible at dawn on the west coast continues to be that of ZBW3 Hong Hong on 9.525 kc. According to official advice, the power in the antenna is now 2 kw. But as the nights grow longer, it will scarcely be daylight when they leave the air, excepting Saturdays when Hong Kong sits up an hour later.

Nanking offers a fair signal when free of telegraphic interference. Excepting for an occasional news bulletin in English, their programs reveal no occidental influence! At 7 a. m. EST may be heard a very musical time signal—possibly what we'd term the most musical part of the program—a series of muffled gongs followed by a single musical note. The station is XGOX and the frequency 6.848 kc. Verifications give the frequency as 6.820 (44.00) and power 500 w. Address: Central Broadcasting Administration, Central Executive Committee of Kuomintang, Nanking, China. P. F. Woo, Director.

Here you have an example of how the F. B. Log may be helpful when announcements are not clearly audible. By reference to Page 20, third group, near 6.85 will be found XGOX. It will be noticed that the telegraph station "ken" is on nearly the same frequency. If, in the early morning, you tuned here and heard a broadcast station interfered with by code which read "dar-dit-dar dit dar-dit" again and again, you would be justified in supposing the broadcast station to be XGOX for you would know positively that you were tuned exactly to the frequency of that station. We can assure you of this for it was precisely noted as recently as December 22.

### COLOMBIA

The old favorite, HJ1ABB The Voice of Barranquilla, at Barranquilla, is having difficulty in finding a berth within the congested bands. Recently it has been on 6,115 kc heterodyning with the Guadalajara station XETU until 11 p. m. when, signing off with "La Golondrina," they announced their return to the air the fol-

lowing morning at 8 a. m. on a frequency of 9,570 kc—the frequency of W1XK Millis, Mass. Reports are requested addressed Apartado 715.

#### CZECHOSLOVAKIA

Flitting from frequency to frequency, Prague continues its search for the best. Whether they may resort to others still, remains to be seen. Thus far they have been heard on 6,010, 6,115, 11,875, 15,230, 15,320, and most recently 6,030 and 11,840. On this last frequency they have been heard from 10 a. m. till noon EST—shortly after dawn on the Pacific Coast—radiating a strong but fluttery signal, resembling scrambled speech. Power is from 24 to 35 kw and they will advise of their schedule when a regular one is adopted. Interval signal resembles five notes of a hunter's horn, the final note being a high one.

#### FRANCE

January schedules are unchanged. The strongest signal from Paris heard on the west coast is the transmission on 11,885 beginning at 11:15 a. m. EST. Be not discouraged by News in Arabic at 11:45 a. m., a concert at noon follows!

#### FRENCH INDO-CHINE

The rumor of the defunct F3ICD's revival may now subside for the identity of the mysterious Saigon station formerly heard near 11,720 kc has been learned. It was constructed of spare parts and had neither call nor license. Hence it must be listed a pirate.

#### GERMANY

In January, "dear friends of North America" will be greeted over DJL 15,110 kc from 8 till 9 a. m. and DJC DJD 6,020 and 11,770 kc, respectively, from 4:50 till 10:45 p. m. EST. Sundays only there will be a program from 11:10 a. m. till 12:25 p. m. over DJB 15,200 kc. Of these transmissions about the only part that may be heard on the west coast unmarred by flutter will be the late session over DJC.

#### GREAT BRITAIN

London seems advisedly to have abandoned the congestion of the 49 meter band for the higher frequencies. The favorite station has come to be GSB 9.51 mc, which carries all six transmissions. To students of the direction taken by radio waves, it may be of interest to note that the signal of this station has still been audible a couple of hours after sunrise on the west coast, W1XK Millis and the usually strong Cubans having completely faded at that time. We almost said "in the early morning" but wouldn't want our friends where the west begins to think we meant 3 a. m., seven hours before sunrise on the coast!

#### GREENLAND'S ICY MOUNTAINS

Last year the listening world was electrified by hearing the most northern station NZ2Z at Hochstetter Foreland! The operator said he was using 1450 watts power and that his name was Jerry Reed. It was known that an expedition left Copenhagen in July, 1934, for that point 75 08 N 19 55 W., accompanied by radio op-

erators. They are again in Denmark and the true NZ2Z (OZ2Z), swamped with reports, would like to know who the mysterious Jerry Reed might be. He states that his station was telegraphic only, with a power of 15 watts, and that he never succeeded in contacting America; that there is but a single building at Hochstetter Foreland and he knows of no such amateur as the one described in all of East Greenland. In the winter, he was engaged in driving a dog-sledge between the stations and cabins along the trail, so was never more than one or two nights in the same place with little time for radio. So it appears that someone somewhere not far away may be chuckling at the hoax he played on fellow amateurs and not a few SWLs!

#### HUNGARY

Speaking of the Blue Danube, by its banks also are the studios of Radio Budapest, operated by the Royal Hungarian Post. Their Sunday morning hour over HAS-3 15.37 mc beginning at 9 a. m. is now too early for good reception on the west coast. The 15 mc band is of little value before sunrise. Eastern listeners find the Sunday evening hour over HAT-4 9.125 mc at 6 p. m. somewhat the better. Address: Radiolabor, Kiserleti Allomasa, Budapest, IX., Gyali-ut 22.

#### ICELAND

The weekly broadcasts from Reykjavik over TFJ 12.235 mc are audible as well on the west coast but intelligibility is marred by the seasonal flutter when not mutilated by telegraph station WTJ. The hour is 1:40 till 2:30 p. m. EST Sundays only.

#### ITALY

The American Hour continues to be broadcast following "news" at 6 p. m. over 2RO 9.635 Mondays, Wednesdays and Fridays. West coast listeners receive the morning broadcasts over 11.810 mc with far greater signal strength, although a flutter is usually present.

#### JAPAN

The Overseas Section (Kaigai Hosokakari) of the Japanese Broadcasting Corporation (Nippon Hosokyokai) advise that they are very busy with arrangements for the enlargement of their daily overseas broadcasts which they hope will begin with the first of the year. Tests for the East Coast of U. S. A. and South America have been conducted over JZI and JZK, 9,535 and 15,160 kc respectively, Mondays and Thursdays from 4 till 5 p. m. EST. Of the two, JZK is the better received. Present power is 20 kilowatts, but this, they advise, will shortly be increased to 50 kilowatts when eastern listeners should enjoy better reception. Nightly transmissions directed to the west coast are already on a regular basis via JZJ 11.800 (25.42) at midnight EST, having changed from JVH December 22 JMT. Reports should NOT be addressed to the station by its call letters, but instead to: Kaigai Hosokakari, Nippon Hosokyokai, Atagoyama, Shiba-ku, Tokyo.

#### JAVA

Javan signals seem to have "gone south" for the winter; at least they have forsaken their usual course. This might even favor the eastern U. S. Evening reception of PLP 11.000 has been reported there, and this is most unusual.

## MEXICO

For the inauguration of new broadcast stations, the prize this month goes to our southern neighbor, no less than four having taken to the air. Of these the most powerful seems to be XEDQ of Guadalajara, Jalisco, on a frequency of 9,520 kc relaying XED daily from 11 till 15:15 and 19 till 23 CST. Interval signal: Four chimes in descending scale. Musical signature: "El Jarabe Tapatio," a typical dance of Jalisco in which the gentleman, in **charro** attire, places his **sombrero** on the ground and the lady dances upon its brim. Students of the language of Cervantes will find the enunciation of this announcer exceptionally clear. Station address: Apartado 197.

Next in signal strength is XEPW La Voz del Aguila Azteca desde Mejico, at Mexico City (Distrito Federal), all of which means "The Voice of the Aztec Eagle from Mexico." It is said in Mexico that the Aztec eagle looks the sun in the eye, while the American species can't take it. Be that as it may, XEPW announces a frequency of 6,110 kc—a hot spot—but is heterodyning station W2XE. As an interval signal, they use five notes in ascending scale, followed by five at random, or they may use four strokes of a gong of a single tone. Operating schedule effective December 22, from 9 till 11 a. m., 1 to 3 and 7 till 11 p. m. CST. Postal Address: Apartado 8403.

The third is XETU, also at Guadalajara, Jalisco, and operates on 6,115 kc, the evening session being from 8:15 till 11 p. m. EST. Usually they are heterodyned by HJ1ABB La Voz de Barranquilla. As an interval signal they use several little toots resembling a two-tone train whistle. After giving the next day's program at 11 p. m., they sign off with a musical signature with tenor refrain, the name of which is believed to be "Ensueno del Amor."

Finally, we have a station in Mazatlan, Sinaloa, that has caused much speculation among listeners. It is Short Wave Station XEBM "El Pregonero del Pacifico" (The Crier of the Pacific) 15,300 kc (actually 15,440 kc), relaying XEBL 1,220 kc Sunday, Mondays, Wednesdays and Fridays. Operator: Manuel Rojo L. Radio Service, The morning session concludes at 10 a. m. EST, at which time they are severely heterodyned by Addis-Abeba, the world's loudest African, shouting, "Pronto, Roma." The mid-day session concludes at 3:30, 4 or 5 p. m., while the evening session is from 8 till 10:45 p. m. Although near the 105th meridian, or that of MST, Mazatlan observes CST. Interval signal is four chimes: Fa, re, mi, do. Musical signature: "Cumbamba," with soprano and tenor refrain. XEBM invites the world to attend the Carnival to be held at Mazatlan from February 5 to 9. That is the one time of the year when girls of the upper class, completely disguised in domino and mask, may go places and see things. In falsetto they greet everyone with the phrase, "No me conoces!" Thou knowest me not! During the Carnival, the public is its own guardian, restrictions of personal liberty being completely relaxed. The Spirit of the Carnival is the spirit that wells within when you know that even should you park in the wrong place you'll not be given a ticket!

## NICARAGUA

After 279 days, a Member has received a verification card from Station YNVA of Managua, but from a new operator: Sr. Benjamin

Guerra L., who says, "Our new call is YNLG. Do you wish a verification of YNLG? Send us a report!" When last checked, the frequency of this station was 8.505 mc.

#### POLAND

Schedule of SPW Warsaw 13,635 is reported by listeners to have been advanced an hour, although in recent verifications the station failed to note any change. Apparently we must believe our ears rather than our eyes, so the change in schedule has been entered on Page 15.

#### SIAM

Experimental Short Wave Broadcasting Station of Bangkok, HS8PJ, offers a two-hour program of Siamese and European music twice weekly, with announcements in the King's English, Siamese and French only. The frequencies used are: Mondays 19,020 (15.77) and Thursdays 9.350 (32.09) from 8 till 10 a. m. EST both days. Both frequencies are heard fairly in the east. As daylight is needed for best results, with the later dawn on the west coast, the hour is less favorable, but the final quarter hour of the Thursday transmission is usually heard here with perfect clarity.

#### SPAIN

Owing possibly to the directive antenna in use, Station EAQ in Loyalist hands at Aranjuez, a suburb of Madrid, is rarely ever heard on the west coast, and then is barely intelligible. During the chaos of civil strife, regularity of broadcasts is not to be expected. Nor is advance information obtainable when no one knows what may happen the next minute.

#### UNION OF SOVIET SOCIALIST REPUBLICS

It is a rare privilege to quote a letter from the Far East station at Khabarovsk, addressed the QRC by Madam Rowena Meyer, Editor, under date of November 13: "We wish to call your attention to the fact that beginning with January 1st, 1937, the English programs over Station RV-15 will be broadcast every day of the month—with the exception of the following days: 6, 12, 18, 24, 30—at 6 p. m. Khabarovsk time. We would be glad to receive reports of reception, etc. Verification requests of the **English broadcasts** will be promptly answered." According to our information, Khabarovsk time is 13 hours and 47 minutes ahead of EST, which would make the English program begin at 4:13 a. m. EST. That certainly should afford a path of darkness! The address: Radio Committee, Khabarovsk, U. S. S. R.

From Moscow the QRC is in receipt of advice that RV-96 15.090 (19.88) has been discontinued and afternoon broadcasts resumed over RV-59 6.000 (50). The daily broadcasts over RAN 9.600 (31.25) have been extended a half hour from 7 till 8 p. m. EST. The latter is perhaps best heard in the East, but the most intelligible Moscow broadcast we've ever heard in either the East or West has recently been the Sunday morning hour over RNE 12.000 (25) from 10 till 11 a. m. EST. Western listeners should tune for this broadcast Sunday at sunrise—which after all isn't so early—and they'll find an hour of good reception—no more, but possibly less!

### URUGUAY

Anyone who enjoys analyzing heterodynes may explore the region of 6,125 kc for the Uruguayan Government Station CXA4, relaying broadcast station CX-6 at Montevideo.

### VATICAN CITY

The daily quarter-hour broadcasts of HVJ 15.121 at 10:30 a. m. seem less affected by the flutter that usually mars European signals on the west coast. Intelligibility is perfect, if you understand the language, and English is the language used Tuesdays.

### VENEZUELA

Sr. Enrique Torres Valencia, owner of station YV11RB "Ecos del Orinoco" at Ciudad Bolivar, recently advised the QRC that the power of his station would shortly be increased to 300 watts input and he hopes to be favored with reports on the reception of his new transmitter. The frequency is 6,545 kc and the postal address: Apartado No. 34.

A new station was heard testing on a frequency of 6,270 kc, styling itself the Voice of Philco at Caracas, some listeners reporting the call as YV5RC and others as YV5RP. All are agreed, however, that the postal address is Apartado 508.

### BROADCAST SCHEDULE

The graphic arrangement of schedules enables you at a glance to note the stations in operation at any particular hour; the "Days" column at the right shows which operate on the particular day you are about to tune. Many stations are rarely heard because they operate certain days of the week only, and we forget to look for them those days.

The left-hand column headed "Megs." marks the spot on the dial of your receiver, provided the dial be calibrated in megacycles. If more familiar with kilocycles, change the decimal point to a comma; or, if you think in terms of "wave-length" the next column gives you the metric equivalent. In case your receiver is not correctly calibrated, you may calibrate it with the aid of the F. B. Log (See Page 18). It should be explained that, although stations are assigned certain channels of frequency, it commonly occurs that the smaller stations accidentally deviate from those channels. This affects the spot at which they are to be found on the dial of your receiver. In some cases where the deviation appears permanent, we show the frequency on which they are actually heard, regardless of announcements. Until the deviation appears permanent, however, we prefer to list the station on the frequency it announces for it may correct the deviation. For actual frequency checks, see the F. B. Log.

BROADCAST SCHEDULE

Megs.	Megs.	Locoution	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
3.750	80.00	Quito	H C K														S
4.107	73.00	Quito	HCJB														TWTFSS
4.273	72.02	Khabarovsk	RV-15								6						W
4.600	65.22	Guayaquil	HCZET								5						MTWTFSS
5.500	54.55	San Ramon	T15HH								3						W
5.713	52.51	Guatemala City	T G S								5						MTWTFSS
5.720	52.45	San Cristobal	YV10-RSC								6						W
5.725	52.40	Quito	HCJPM								8						MTWTFSS
5.758	52.10	Managua	YNOP								9						T
5.760	51.90	Lima	OAX4D								8						W
5.800	51.72	Caracas	YV2RC								9						S
5.830	51.46	San Jose	TIGPH								4						MTWTFSS
5.850	51.28	Maracaibo	YV5RMO								4						MTWTFSS
5.865	51.15	San Pedro	HL-IJ								4						MTWTFSS
5.875	51.06	Tegucigalpa	H R N								6						S
5.900	50.85	Barquisimeto	YV8RB								3						MTWTFSS
5.910	50.76	Valencia	YV15RV								5						MTWTFSS
5.910	50.76	Port-au-Prince	HH-2S								12						MTWTFSS
5.940	50.51	Guatemala City	TG2X								7						MTWTFSS
5.950	50.42	Bozota	H J N								11						S
5.980	50.17	Bucaramanga	HJ2ABD								4						MTWTFSS
6.000	50.00	Moscow	RV-59								11						MTWTFSS
6.000	50.00	Mexico City	XEBT								5						MTWTFSS
6.005	49.96	Colon	HP-5K								4						SM W F
6.005	49.96	Drummondville	VE9DN								7						MTWTFSS
6.005	49.96	Montreal	CFCX								6						MTWTFSS
6.010	49.92	Georgetown	VP3MR								9						S
6.010	49.92	Prague	O L R								7						MTWTFSS
6.010	49.92	Habana	COCO								4						MTWTFSS
6.012	49.90	Bozota	HJ3ABH								12						S





## BROADCAST SCHEDULE—EASTERN STANDARD TIME

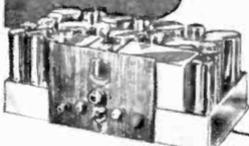
Megs. Mct's	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
6.503 46.12	Trujillo City	HL L														MTWTFSS
6.520 46.01	Valencia	YV6RV								11 $\frac{1}{2}$ ...	1 $\frac{1}{2}$					MTWTFSS
6.533 45.92	Managua	YN1GG								10 $\frac{1}{2}$ ...	1 $\frac{1}{2}$					MTWTFSS
6.545 56.83	Bolivar City	YV1IRB								10 $\frac{1}{2}$ ...	12					SMTWTFSS
6.550 45.80	San Jose	THRC								10 $\frac{1}{2}$ ...	12					MTWTFSS
6.555 45.76	Trujillo City	HL-4D								5.....	8					MTWTFSS
6.618 45.33	Riobamba	Prado								1241 $\frac{1}{2}$						MTWTFSS
6.630 45.25	Trujillo City	HL T								1241 $\frac{1}{2}$						MTWTFSS
6.635 45.21	Guayaquil	HC2RL								5 $\frac{1}{2}$ ...	7 $\frac{1}{2}$					S
6.672 44.96	Maracay	Y V Q								8.....	11					T
6.690 44.84	San Jose	TIEP								7.....	10					SMTWTFSS
6.727 44.60	Bandoeng	P M H								5...						MTWTFSS
6.730 44.58	La Romana	HL-3C								12 $\frac{1}{2}$ ...						SMTWTFSS
6.750 44.44	Tokyo	J V T								12 $\frac{1}{2}$ ...	2					S
6.775 44.28	San Pedro	HL H								12 $\frac{1}{2}$ ...	2					S
6.805 44.08	Trujillo City	HL-7P								11.....	9					MTWTFSS
6.848 43.82	Nanking	XGOX								5 $\frac{1}{2}$ -----	9					MTWTFSS
6.850 43.80	Limon	HL-OW								12. 1 $\frac{1}{2}$						SMTWTFSS
6.900 43.48	Trujillo City	HL-2D								314 $\frac{1}{2}$						SMTWTFSS
7.010 42.78	Tenerife	EA8AB								7. 8						M W FS
7.380 40.65	Mexico City	XECR								5. 6						MTWTFSS
7.550 39.74	Puntarenas	HL8WS								5. 6 $\frac{1}{2}$						S
7.797 38.47	Geneva	H B P								5. 6 $\frac{1}{2}$						MTWTFSS
7.854 38.19	Guayaquil	HC2JSB								11 $\frac{1}{2}$ ...	2 $\frac{1}{2}$					S
8.247 36.38	Guayaquil	HC2CW								11 $\frac{1}{2}$ ...	2 $\frac{1}{2}$					S
8.505 35.27	Managua	YNLG								11 $\frac{1}{2}$ ...	2 $\frac{1}{2}$					MTWTFSS
8.665 34.62	Camaguey	CO9JQ								11 $\frac{1}{2}$ ...	2 $\frac{1}{2}$					MTWTFSS
8.948 33.53	Quito	HCJB								12.....	2					SMTWTFSS
9.125 32.88	Budapest	HAT-4								6.....	10					S
9.350 32.09	Bangkok	H8PJ								6. 7						S
9.428 31.82	Habana	COCH								7.....	8					T
9.450 31.75	Guatemala City	T G W A								7.....	9					S
9.500 31.58	Cartagena	HJIABE								12.....	2					M
9.501 31.58	Rio de Janeiro	PRF-5								12.....	2					TWTFSS
										6.....	10					MTWTFSS
										4. 5 $\frac{1}{2}$						MTWTFSS





BROADCAST SCHEDULE—EASTERN STANDARD TIME

Mers.	Mets	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	Days					
12.005	25.00	Moscow	R N E				6-7		10-11																					S	W			
12.235	24.52	Reykjavik	T F J																												S	SMTWTFSS		
12.300	24.39	Santiago de Chile	C E B																												M	W F		
13.635	22.00	Warsaw	S P W																												S	MTWTFSS		
14.915	20.11	Sofia	L Z A																												S	MTWTFSS		
15.110	19.85	Berlin	D J L				5-6 $\frac{1}{2}$		8-9		11 $\frac{1}{2}$																				S	MTWTFSS		
15.121	19.84	Vatican City	H V J				6--8																									M	T	
15.140	19.82	London	G S F						9		10 $\frac{1}{2}$																					S	SMTWTFSS	
15.150	19.80	Bandoeng	Y D C																													S	SMTWTFSS	
15.160	19.79	Tokyo	J Z K																													M	T	
15.180	19.76	London	G S O				3--5																									S	SMTWTFSS	
15.190	19.75	Hong Kong	Z B W																													S	SMTWTFSS	
15.200	19.74	Berlin	D J B																													S	SMTWTFSS	
15.210	19.72	Pittsburgh	W8-XK																													S	SMTWTFSS	
15.220	19.71	Eindhoven	P C J				4 $\frac{1}{2}$ --6																									T	W	
15.230	19.70	Prague	O L R																														S	SMTWTFSS
15.243	19.68	Paris	TPA-2																														S	SMTWTFSS
15.250	19.67	Boston	W1XAL																														S	SMTWTFSS
15.260	19.66	London	G S I																														S	SMTWTFSS
15.270	19.65	New York	W2-XE																														S	SMTWTFSS
15.280	19.63	Berlin	D J Q																														S	SMTWTFSS
15.290	19.62	Buenos Aires	L R U																														S	SMTWTFSS
15.310	19.60	London	G S P																														S	SMTWTFSS
15.320	19.58	Prague	O L R																														S	SMTWTFSS
15.330	19.56	Schenectady	W2XAD																														S	SMTWTFSS
15.340	19.55	Berlin	D J R																														S	SMTWTFSS
15.370	19.52	Budapest	HAS-3																														S	SMTWTFSS
15.440	19.43	Mazatlan	XE-BM																														S	SMTWTFSS
17.760	16.89	Berlin	D J E																														S	SMTWTFSS
17.780	16.87	Bound Brook	W3XAL																														S	SMTWTFSS
17.790	16.86	London	G S G																														S	SMTWTFSS
19.020	15.77	Bangkok	HS8P																														S	SMTWTFSS
21.470	13.97	London	C S H																														S	SMTWTFSS
21.520	13.94	New York	W2-XE																														S	SMTWTFSS
21.540	13.93	Pittsburgh	W8-XK																														S	SMTWTFSS



**SENSATIONAL** *New* **SCOTT "MAGIC LINK"**  
**CONQUERS "Man-Made" STATIC**

*23 Tube High Fidelity* **SCOTT Equipped**  
*with "MAGIC LINK" IN AMAZING DEMONSTRATION*  
**PROVES QUIET FOREIGN RECEPTION**  
**NOW POSSIBLE IN BAD RECEIVING LOCATIONS**

On Wednesday, October 7, 1936, at the SCOTT Radio Laboratories, a small group of radio engineers and short wave enthusiasts were shown, for the first time, the latest development of the SCOTT Research Laboratories. They intently watched two radio sets at one end of a room—both connected to the same lead-in with a two-way switch, and both tuned in to DJB, Germany, 15.20 megacycles.

### Germany Blotted Out

Suddenly, within three feet of these receivers, a terrific barrage of interference was turned on—from a violet ray machine, vacuum cleaner and automobile ignition coil, buzzing out streams of "man-made" static! What happened? From one receiver came a deafening roar such as you would hear in a boiler factory—and the program from Germany was completely blotted out!

### Clear With "Magic Link"

The two-way switch on the antenna was then thrown to the 23-tube SCOTT equipped with

the sensational new "MAGIC LINK", the SCOTT Supershield Antenna Coupling System, and from Germany, over 4,000 miles away, the program came in as crystal clear, strong and enjoyable as a local station—all without the slightest trace of "man-made" static from the violet ray machine, vacuum cleaner and spark coil, each crashing and spluttering only three feet away from the antenna lead-in.

### Quiet Foreign Reception Now Possible for First Time in Many Locations

The climax of 8 years of tireless research, this sensational new development means that "man-made" static on the short waves, caused by electrical appliances and picked up on the lead-in has, for the first time, *been conquered without loss of signal strength!* Up to this time foreign reception from England, Germany, France, Italy and many other foreign stations has been spoiled for thousands of residents of apartment build-

## E. H. SCOTT RADIO LABORATORIES, INC.

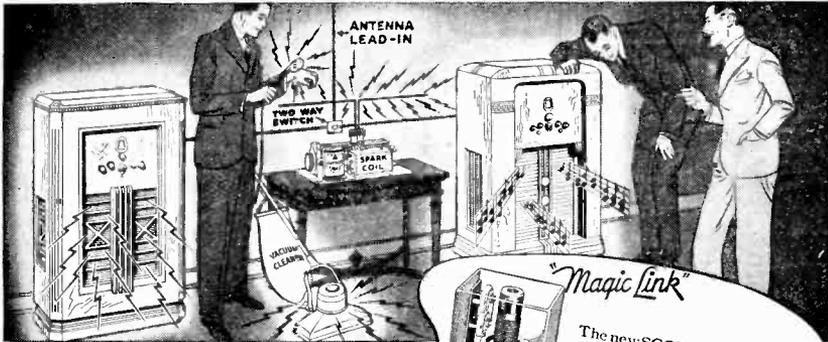
Ravenswood Avenue,

630 Fifth Avenue, New York, N. Y.

Chicago, Illinois

115 N. Robertson Blvd., Los Angeles, Cal.

Builders of the World's Finest Custom-Built Radios Since 1924



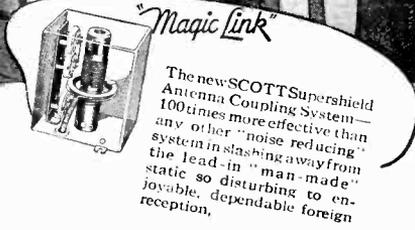
**WHAT SCOTT SUPERSHIELD ANTENNA COUPLING SYSTEM ACCOMPLISHES**

1. Doubles sensitivity or distance-getting ability of antenna and receiver combination, as compared with best results with any previous noise-reducing antenna with inefficient shielded coupler.
2. Improves antenna lead-in signal to noise ratio by 100 to 1.
3. Eliminates shielded coupler switch. Switching from broadcast to short wave bands is automatic with SCOTT Supershield Antenna Coupling System.

ings, hotels and homes by the static from electrical appliances picked up on the antenna lead-in. Now these programs can be heard clearly and quietly with the 23-tube SCOTT equipped with the new SCOTT Supershield Antenna Coupling System.

**Compare In Your Own Home**

We invite you to make a 30-day side-by-side comparison test of the SCOTT against any other receiver, regardless of price. If the SCOTT does not bring in foreign and domestic stations with more volume, greater clarity, and with finer and more natural tone, we will refund your payment price without question.



The new SCOTT Supershield Antenna Coupling System—100 times more effective than any other "noise reducing" system in slashing away from the lead-in "man-made" static so disturbing to enjoyable, dependable foreign reception.

It is impossible to describe the sensational increase in listening pleasure which this new development now makes possible. Only by an actual *listening test* can you appreciate how much more enjoyably foreign short wave stations can now be received on the 23-tube SCOTT.

Send TODAY for complete proof — and full description of this remarkable new development that now makes possible in conjunction with the 23-tube FULL RANGE HIGH FIDELITY SCOTT Receiver, unparalleled tone, and distance performance in every continent of the globe. Discover this vast new world of radio entertainment you will never hear without a SCOTT. SEND COUPON NOW.



**FREE-SEND TODAY FOR DETAILS**

E. H. Scott Radio Laboratories, Inc.  
Ravenswood Ave.,  
Chicago, Ill.

Send details of unequalled D X Tone of 23-Tube SCOTT with new "Magic Link" Antenna Coupling System.

Name .....

Address .....

City ..... State .....

## ILLUSTRATED STATION LIST

There was a time when we had not the faintest idea of ever publishing a station list. As a matter of policy we disliked undertaking anything we might not be able to do better than was already being done by others. Having read the claim of another this his list was the best published anywhere—and not knowing enough about the subject to detect the many errors—we accepted his statement as fact. Those were our candid days! Then a member inquired as to the call of a new French station. Wholly innocent of such knowledge, we replied that possibly we should remit the stipulated number of gold francs to Berne for their list. Imagine our surprise upon being advised against it for the reason that the Berne list is never up to date! And further, that the member himself could prepare a better list if we would publish it for the benefit of other listeners. Although not from Missouri, this taxed our credulity. Having scrutinized some of the draft, we were at first astonished. Later when we learned to appreciate its flawless accuracy, we marveled. The material has been supplied on condition that the author's name be not published, for he seeks only to be helpful to others without personal credit.

We mention the source of this Log only to show that it is a remarkable piece of work. With rare exception—such as a few assigned frequencies of stations not yet in operation—every station listed has been tuned in and its frequency checked with a calibrated oscillator. The location is in central U.S.A. where brush fans abound in summer and electrically operated oil furnaces in winter—noise makers both. So, if there is any station listed which you have not heard, be of good cheer for there may still be hope.

The figures indicate frequency in channels of 10 kilocycles, or the place on the dial of your receiver if calibrated in megacycles. Stations using voice or music are shown in CAPITAL LETTERS. Telegraph stations, as frequency "markers," are shown in small letters. The frequencies shown are accurate and may be relied upon implicitly for the calibration of receivers.

Your contribution of accurate data toward the perfection of this Log for the benefit of other listeners, will be most welcome.



# QUIXOTE RADIO CLUB

The 'F. B.' Log

45.45 - 46.88 Meters

6. M/c										6.8									
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
Y	T	H	W	R			H	H	H	Y	Y	Y	X	H			H		
V	I	I	3	T			I	I	I	V	N	V	B	I			C	B	
9	P	1	X	A			4	8	L	6	1	1	1	C					
R	G	S	L				V	A		R	G	C	R	D			k	T	
C	.			k	w					V	G	B					g	u	
. ksa				u	c														
kdc				p	o														
		W													T		x		
y	w	H	9	k	w	r		x	k	c	E		I	k	c		o	b	d
s	w	J	X	h			b	p	m	D	R	r	e	a			r	4	s
a	s	n	A	B	i	w	h	d	2	h	y	R	G	t	k	b	x		n
		3	S							6	4	C			2				

44.12 - 45.45 Meters

6. M/c										6.8									
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
P	H	H		C	I		C	Y	D	K		W	H	#	J	W		H	S
r	a	I	C	O	A		I	V	O	B		Q	I	E	V	O		I	U
a	d	T	2	K	C		V	Q	K	K		0	3	J	T	A		H	R
o		R		W								C							
		L		i			H	k		k	w	Pe	W				t	w	w
				a			B	b		ee	d	M	d				d	a	s
				c			Q	k		fr	b	H	y	A			a	u	b
d	k			J	c			T	j	oy	w	lk					c	w	p
a	i			F	l			I	s	lv	q	si					j	g	m
n	k			Z	e			E	k	h	p	vk					a	g	b
	l			C				P		d	g						6	.	9
																			2
																		w	b

42.86 - 44.12 Meters

6. M/c										7.0									
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
H	T			H	K	T	K	R		H	G			W	V		X	J	P
I	G			A	E	I	E	L		I	D			K	K		B	V	Z
7	F			T	N	O	L	S		2	S			P	8		A	S	L
P	k			2	W					D					C				A
f	.	q		f	e	k	w		xx	p	keb			eez	e		j	S	j
y	r	k	e	t	a	e	g		dd	s	.			.	a		y	.	px
r	r	k	d	g	m	n	u		cc	y	edt			w	o	z	l	jan	g
		k							k						.				z
f	r	n		c	f	a	X	*		n	c	w	e	.p	w	j	w	w	r
y	k	r		.	G	q			k	g	q	d	z	.	.	i	f	s	e
m	b	6		j	r	p	O	e	6	s	e	t	s	k	m	b	w	i	h
2	3	a		X	o		b	7	j								b	e	o
																	z	a	x
																	c	c	v
																	2		X

41.67 - 42.86 Meters

7. M/c										7.2									
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
P	H	C	H		H		C	H	F	V	H	H	Y	C	H	V		T	
Z	C	B	O	I		J		O	J	I	F	R	J	V	O	B	K		I
1	1	9	2	1	1		2	1	1	6	1	5	2	9	2		2		N
A	F	H	J	C		A	O	A	J	Y	L	A	A	K	B	D		R	A
A	G		G		B		K	E		B	B	M	Y	L			C		M
					E		K				E								
E	H									X	H	E	E					E	
A	I	K								E	I	A	A					A	
9	6	3								1	9	1						4	
A	F	J								V	E	B	A					A	
H	A									U	T	H		H				0	

(-) Amateur Band























**CLUB NOTES**

A common interest in any topic produces a feeling of fellowship. Enjoyment of this fraternal spirit is one of the benefits of membership in the QRC. That we have brought about personal contacts resulting in warm friendship is an accomplishment of which the QRC is proud. In furtherance of this policy, we shall be pleased to hear from any member desirous of making the acquaintance of others in his vicinity. Telephone numbers are preferred as this is not to be a "Pen Pal" arrangement.

There are other ways in which Members may help their Club, and in so doing help themselves. Primarily, we need all the new Members that can be found. Secondly, accurate information of news value to others is always helpful and appreciated. It is believed that, by refraining from individual public acknowledgment, the QRC is maintained on a higher plane for then it can never be said that in helping, Members are prompted by the vulgar desire to see their name in print.

Thirdly, whenever any Member purchases radio equipment of any description direct from a manufacturer, he may greatly help by stating that it was recommended by the QRC, publishers of **SHORT WAVE REPORTER**. Just so that you may be telling the truth, we now recommend in general that you purchase whatever you please. (Of course, a specific recommendation might be entirely different.) After trying out your purchase, write us whether or not "our recommendation" was satisfactory. We'll send your remarks, with our comment, to the manufacturer. If you were "stung" we might be able to do something about it. At least we can save other Members from a similar experience.

If all will unflinchingly cooperate in this manner, demonstrating our buying power as a Club, the QRC will be enabled to render Members a true service. Even clipping coupons from our advertisements and sending them in to the advertisers counts in our favor. We thank you.

**CLUB STATIONERY**

QRC Stationery for the use of Members, being Hammermill Bond printed in a green that should warm the heart of the Irish, is available in lots of 50 sheets at 31 cents, post-paid. This is the only quantity that may be mailed economically. Orders are dispatched immediately!

## THERE ARE NO LOSERS

(Continuation from Inside Cover.)

total of 300 reports—may select as his prize any National Geographic Society map, mounted on linen, or other prize of like value. Each Connoisseur report should be accompanied by a half cent to cover forwarding postage, as above, and the cost of keeping the individual score. No score is kept of reports not entered under this Plan.

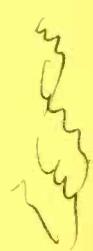
## X EQUALS TEN

In every instance reports should be on the reception of short-wave BROADCAST stations, and not point-to-point relays, commercial telephone circuits, special services nor amateurs. By "broadcast" is meant the radiation of entertainment for general reception and not for some particular point. Broadcast stations ask for reports while others, as a rule, do not. The listener may tune when, as and if he pleases, but at least an hour should elapse before again reporting the same station. A single definite item such as a musical selection by name, an advertised product, or part of an announcement is a sufficient log. If the language of the station is other than English, the briefer the log, the better. To the end that a stream of fresh reports may be kept flowing continuously to the stations, members should send in each week whatever reports they may have compiled without waiting until any single station shall have been logged ten times.

## VERIFICATIONS GUARANTEED

The verification of any Connoisseur Report, if desired, will be requested for the Member by the QRC upon deposit of 6 cents. Such reports need merely be marked with a "v" in the left-hand margin and listed in a covering note to the QRC. To the end that an account may be kept, all verifications are requested sent in care of the QRC for delivery. Of the deposit, 5 cents is to pay for a copy of our advance mimeo bulletin which we offer stations as a reciprocal courtesy in exchange for verifications, the balance of 1 cent being for postage in re-forwarding the verification. Should the station fail to verify a correct report, no bulletin will be sent, the deposit being refunded. In this way the QRC guarantees Members against loss such as might occur if Reply Coupons were to accompany reports.

It is not necessary to render ten reports on the station it is wished verified, but no verifications will be requested unless there is evidence of the intention to render 10 reports on that or another station. Those who wish verifications must bear their share of the forwarding postage. To repeat, a quarter cent should accompany each report of which no score is to be kept; a half cent each report that figures in the Connoisseur Plan; and 6 cents should be added as a deposit for each verification desired.





10 CENTS

MAY

# SHORT WAVE REPORTER



*Handwritten signature*

BROADCAST SCHEDULES  
—STAMP COLLECTORS' CONTEST—  
TELEGRAPH FREQUENCY MARKERS  
NEW STATIONS AND STATION NEWS

★

★

### GRAND TOTAL 41,546

How many shortwave broadcast stations do you believe you could log, not once, but ten times? Unless you were to try it, you could never tell. The QRC offers you the opportunity of demonstrating this to yourself with the utmost ease and very little expense. Stations desire reports and it has long been our impression that seldom do they receive more than one from a listener—the listener who seeks their verification card and, getting it, favors them no further with reports. Persuaded that reporting reception is fun for it affords a purpose in tuning, but that it was not engaged in more extensively because laborious and expensive, the QRC devised very convenient forms, easy to use and costing next to nothing. No letters to write! The reports are sent to the QRC where they are assembled with those of other members and forwarded with a considerable postal saving. More than forty thousand reports have been handled in this manner and the number mounts daily.

### CONNOISSEUR PLAN

There are two plans in operation and members may participate in either or both. The first is known as the Connoisseur Plan and under this Plan you endeavor to make ten reports on each station. When you complete thirty stations you may select any National Geographic Society map, on linen, a mixture of 600 foreign postage stamps, or any other prize not in excess of 75 cents. And for each thirty additional stations you receive an additional prize. All reports must be on shortwave broadcast stations, not point-to-point relays, commercial telephones, amateurs nor special services. By "broadcast" we mean a station that transmits entertainment programs with some degree of regularity for general public reception. At least an hour should elapse before again reporting the same station.

### REPORT FORMS

For the sake of uniformity and convenience, QRC forms must be used. These may be obtained at 90 for 9 cents, postpaid. Each report sent in to the QRC should be accompanied by a half cent, of which a quarter cent is for forwarding postage and the remainder applies upon the prize you will receive. This is not a contest in the sense that few are winners and many losers, for there are no losers. Everyone may win his prize, and as many prizes as he may care to win. Scores are kept, however, and each participant may compare his standing with that of others. The Plan affords all the pleasures of a contest without a single unpleasant feature. It is a seasoned plan of proven popularity and every member is welcome to enjoy participation in it.



*In every industry a leader*

Like Leo Rex in the jungle kingdom whose crown remains unshaken by virtue of his superiority, so in each field of human endeavor there is always one unchallenged leader.

In the field of radio merchandising, Wholesale Radio Service Company, Inc., has achieved an outstanding and unique leadership—a leadership that is recognized by tens of thousands of radio amateurs, servicemen and experimenters throughout the world.

More than sixteen years of superior service to the radio buyer have brought us to the position of the "Largest Institution of Its Kind in the World."

Doubtless, you are already acquainted with us, but, if by chance, you are yet to learn of our **LOWEST PRICES, TRIPLE SERVICE** and **SPEED** deliveries send for our new big Spring and Summer Catalog No. 68-29. It features **EVERY** product of **EVERY** nationally-known manufacturer of radio and related devices for the "ham," serviceman and experimenter. You cannot afford to be without this "Radio Standard"—and it's **FREE**.

**WHOLESALE RADIO SERVICE CO., INC.**

901-911 WEST JACKSON BLVD., CHICAGO, ILL.

# Short Wave Reporter



## HEAR JAVA!

The season of best reception from the East Indies is now at hand. Of the stations there, five are heard in America with fair regularity. All are operated by a concessionaire whose revenue is derived not from advertisers, but from a tax on listeners. Four of these stations relay network programs of occidental music, while the fifth transmits East Indian programs—not native, but similar to Hawaiian. This is station PMH 6.727, best heard just before dawn.

Of the others, the best heard is usually PLP 11.000, possibly due to its directive antenna although beamed to Borneo and Celebes. YDB, omnidirectional, has only recently moved within the 31 meter band near 9.550 and shows improvement. PMN 10.260 beamed on Sumatra, is less favorable. Though the best frequency for eastern reception in the early morning, YDC 15.150 appears to operate irregularly.

For novel enchanting music—the rhythm of the south sea islands—tune in PMH 6.727 just before sunrise, and for best reception of popular and the more familiar music, tune in PLP 11.000 just after sunrise. Mondays at 7 a. m. EST a talk is sometimes given in English, descriptive of the attractions of Java. At 9:30 a. m. you may hear a clock striking the hour of 10 p. m. The concluding number of each broadcast blends into "The End of a Perfect Day," organ, followed by "William of Nassau," the Netherlands National Anthem. For verification of reports on any Java broadcast station, send with a reply coupon to N.I.R.O.M., Koningsplein West 5, Batavia-Centrum, Java.

SHORT WAVE REPORTER published monthly (excepting July and August) by Quixote Radio Club, Box 772, Santa Barbara, California.

10 cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1937 by E. J. Shields, Chats.

Advertising accepted of reputable firms only. Rates on application.

**ARGENTINA**

Some of the month's news is negative. Apparently state sponsorship of the "Argentine Hour" promoted by LSX Buenos Aires 10.350 failed to materialize and the hour was abandoned, leaving the field to LRX Radio "El Mundo" 9.660. The latter is indeed an excellent representative of the Argentine although, with the change of seasons, its signal strength has declined somewhat. The use of LRU 15.290 was also discontinued, but for the reason that the management is persuaded this frequency is not within the tuning range of many of the receivers today in use in the Argentine which do not go above 20 meters.

**AUSTRALIA**

In acquainting the QRC with the new postal address of VK3ME Melbourne, Mr. C. T. Sproule of the Broadcasting Department adds, "We are at all times pleased to receive reports of our transmissions, and members who desire verifications should quote portions of our programme in order that quick reference may be made to our Station logs."

It is quite evident they are not in sympathy with the practice advocated in some quarters (by collectors of "marvelous veries") of submitting vague reports such as "music" or "man talking," under the pretext that not all are musically inclined. The QRC has always maintained that even if the title of a selection be not known, its tempo and the instruments recognized may be reported.

**COLOMBIA**

The operation of Radio Nacional HJN of Bogota 5.950 has been discontinued while the Ministry of National Education installs a new short-wave station, expected to be ready in July or August, the call of which will probably not be HJN. In the interim, cultural programs by longwave will continue on 950 kc from 5 till 8 p. m. EST as usual.

FLASH: HJ1ABB Barranquilla 9,560 and HJ2ABC Cucuta 9,575 are now broadcasting on half these frequencies, 4,780 and 4,787.5 respectively, to escape interference.

**COSTA RICA**

For some time past there has been in San Jose a station known as TIVL, but until recently its reception was seldom reported in the United States. Apparently a more powerful or at least more effective transmitter is now in use and reception is more frequent. The frequency announced is 6,950 kc, although generally near 6,700. Announcements are in Spanish and English.

**CURACAO**

For the past few weeks, reception has been reported in the east of Radio CUROM PJC-1 of Willemstad on an announced frequency of 5,930 kc, usually between 6:30 and 8:30 p. m. EST. Presumably CUROM represent the initials of the owning company as does NIROM in the

East Indies. Announcements are Dutch, English and Spanish. For a brief period tests were also made on 9,470 kc. Western listeners will have to wait until this station either operates at a later hour or on a higher frequency.

#### DOMINICAN REPUBLIC

Sr. J. R. Saladin, Director of Radio-Communications of the Dominican Government, kindly advises that the calls, power and frequencies of the several broadcast stations under his direction are now as follows: HIX 800 w 800 kc; HI1X 900 w 6340 kc; HI2X 300 w 11,960 kc; HI3X 300 w 15,280 kc. HI3X may be heard relaying a government lottery drawing Sunday mornings, including the sound of the spinning of the wire cages from which the numbered pellets are drawn, and at noon week-days, entertainment. On the West Coast the best reception is afforded by HI2X Tuesday and Friday evenings when Regimental Band Concerts are relayed from the capital, Trujillo City.

#### GREAT BRITAIN

London broadcasts have recently been heard best on the West Coast over GSG 17.790 (on the fringe of W3XAL Bound Brook) in the early morning with peak near 11 a. m. EST. Toward the end of Transmission No. 3, a shallow rapid fade develops. How long this transmitter may be used depends possibly on the appearance or disappearance of sun-spots, for these determine Daventry's choice of wavelength.

#### HOLLAND

Of particular interest is the reported experimental ultra high frequency broadcast on 31,280 kc in parallel with PCJ Hilversum 9.590 kc Sundays and Wednesdays, which the reporting member declares to be the frequency of tomorrow. Earlier in the year, the Pacific Coast was best served by the Wednesday morning broadcasts on 15,220, but with the approach of summer this broadcast has declined and is now surpassed by the Wednesday evening session of PCJ 9.590, at least when this runs overtime in acknowledging fan mail.

#### HUNGARY

Although the hour is much too early for good reception on the Pacific Coast, eastern listeners are afforded additional opportunities to log Radio Budapest HAT4 9.125 now broadcasting thrice weekly (See Broadcast Schedule). He who correctly reports reception to Radiolabor, Budapest, Gyali-ut 22, Hungary, will be rewarded with a very attractive QSL card.

#### ITALY

Due to the approach of the summer season, station 2RO may change its evening schedule from 9.635 to 11.810 any time in May. Advance notice will be given by radio, but if listeners are unable to find 2RO on 9.635, they should try 11.810.

**INCOGNITO**

Listeners in the Argentine have been interested in the transmissions of a pirate styling itself "Stazione del Partito Comunista Italiano" on 10,620 kc Mondays, Thursdays and Saturdays from 5:15 to 5:45 p. m. EST. Their time announcement indicated they were in the GMT zone, but they said they could not give their location, for reasons of prudence, and asked that reports be sent an address in Paris.

Earlier in the afternoon—from 4 to 5 p. m. on about 10.070 the same organization is reported broadcasting in German. Later in the evening, styling themselves "Radio Libertad," they address Italians in America over 9.520 and 7.380, the time being 7 till 8 p. m. almost daily.

Considerable latitude is enjoyed in their choice of frequencies, but owing to its precarious existence, this station may disappear as suddenly as it has appeared. Their present schedules do not favor reception on the Pacific Coast.

**JAPAN**

From the Overseas Section of the Broadcasting Corporation of Japan we have the following: "We have received many reports from members of the QRC and we should like to express our hearty thanks for them, though we could not give prompt answer. We sincerely hope to have your cooperation as we have little experience since we began our short-wave broadcast for overseas, planned solely for the benefit of both foreigners and Japanese abroad. We are very anxious to receive reports on the reception in North America of our broadcasts and shall keep you informed of our operating schedules for publication as many inquiries in that respect are received. Reports will be acknowledged and should be addressed, not to the call letters of the station, but to: Kaigai Hoso Kakari, Nippon Hoso Kyokai, Atagoyama, Shiba-ku, Tokio.

The European Hour is now broadcast from 2:30 to 3:30 p. m. EST over JVM 10.740 and JZJ 11.800. JVM has long been one of the best received Japanese stations in eastern U. S. Although neither this early hour nor the directive antenna used for this broadcast may be most favorable for reception there, the possibility is, of course, present. For all broadcasts, see our Broadcast Schedule.

**MACAU**

If Macau won't come to you, it may be necessary to go to Macau—or come to the Pacific Coast and dispense with the rest of the trip. Potent curiosity to learn what others claimed to hear but wouldn't describe, caused us to investigate this mooted CQN. Found on a frequency of 9.933 Mondays and Fridays from 7 till 8:30 a. m. EST, somewhat before daylight on the Pacific, it may be said to rumble in—rumble because of its poor modulation and rippling carrier. Although this ripple seems inherent in the carrier, it may prove to be a distant code wheel. Station announce-

ments are most frequent—usually before each selection—for which we'll forgive the operator our lost sleep. Signal strength improves as sunrise approaches. At the conclusion of the program, the operator shows no inclination to linger, but snaps the station off the air abruptly. If a truthful report were made the station, we suspect it might not be verified for it certainly would not be flattering.

#### MEXICO

Ing. F. Javier Stavoli, Technical Director of Radio Nacional XEUIZ Mexico City 2.5 kw 6.120 announces a contest with prizes for the best reports from (a) the Republic of Mexico; (b) United States, Canada and Central America; and (c) the greatest distance. The prizes consist of silver loving cups and objects typically Mexican. All who report will also be considered members of their Club "Amigos de Mexico." This transmission takes place from 1 to 3 a. m. EST, but whether or not it is nightly is not stated. Station address: 5 de Mayo 19 y 21, Mexico, D. F.

#### MOZAMBIQUE

Listeners in Australia having reported the call of Lourenco Marques 11,718 kc as CR7BH instead of CR7BA, an attentive ear was lent over a period of weeks and it is conceded that H appears correct although, instead of two syllables as we should expect H in Portuguese to be, it resembles German though guttural rather than aspirated. Radio announcers seem to be the last people on earth who learn that individual letters are not easily understood unless supplied a context. One might well wonder why, with such fair reception, this call should be in question, but in matter of self identification the modesty of this station knows no limits. That they are not yet DX minded is evident and doubtless it will be with surprise that they learn they are being heard beyond the bounding main. If the listener miss the opening announcement at 9:30 a. m. EST, he may as well call it a day for the next announcement follows at close down 11 a. m. when the signal is on the wane. No interval signal whatever is used and if the announcer should think to mention the identity of the station during the program, which is indeed a rare occasion, it would be unexpected. Peak signal is from 9:30 to 10 a. m. EST, and Sundays the program opens at 10.

#### NEW ZEALAND

A verification submitted by a member bears a picture of the vessel with the following data: ZMBJ "The Ears and Voice of the Tasman," T.S.S. "AWATEA" 14,000 tons, 23 knots, Tx 300-400 Watts Output, Xtal Controlled. Aerial: 90 ft. Vertical. Rx 16 valve superhet on doublet aerial. J. G. Rea, J. Beswick, Operators. Leave Sydney every Friday. Leave Wellington every Tuesday. Regular session on 34 m., but we also use 22 m and 68 m.

**PANAMA**

Sr. Jose Jaen y Jaen, Owner of Stations HP5K-HP5O, 6005 and 1440 kc respectively, has had the kindness to inform the QRC that their musical signature is "La Viuda Alegre" (Merry Widow Waltz) and that their musical programs are supplied by the National Broadcasting Library of New York. English News is broadcast at 6 p. m. by courtesy of the Atlantic Brewing & Refrigeration Co. of Colon, makers of Atlas beer; English and Spanish News by the Station at 8:30 p. m., and, at 10 p. m., Spanish News sponsored by Laboratorios Gomez Plata of Barranquilla, Colombia. By remote control, musical programs are relayed from three night clubs: 8:45 p. m., Richmond Cafe; 9:30 p. m., Moulin Rouge Cabaret; and 10:15 p. m., Atlantic Nite Club. Both stations are known as "La Voz de la Victor." Address: Apartado 33, Colon, Rep. de Panama.

**PERU**

The change in frequency of a station hitherto not reported heard in North America might now result in its being logged, provided static does not take the place of interference. OAX4P Radio Huancayo of the city of that name, has shifted to 6,000 kc, occupying the channel left by CXA-2 of Montevideo, and broadcasts nightly till 11:30 p. m. Power is rated 50 watts only!

As well as testing nightly on 6,092 kc where they are occasionally heard very well on the Pacific Coast, OAX4Z Radio Nacional de Lima also tests daily on an announced frequency of 9,565 kc from 11:30 a. m. till 1:30 p. m. EST. Distant reception on this frequency is improbable at mid-day. Station is operated by Marconi Wireless Telegraph Co., Ltd., Apartado Postal 921, Lima, Peru.

Listeners in general having reported that Radio Universal de Ica 11,796 had changed its shortwave call from OAX5B to OAX5A, observations were made but we're not yet certain. As given, the call appears to be "Radio Universal de Ica OAX5A (y) su estacion de onda corta." If the word "y" meaning "and" is used—and this is indistinct—there may have been no change. At least the inference is clear that they do have a long wave station. Listeners gifted with good musical memories will render the QRC a very great favor by naming that haunting waltz melody used as a signature preceding the National Anthem with vocal chorus, the latter being the customary sign-off of all Peruvian stations. This waltz has all the characteristics of a Victor Herbert composition and will be heard at 11:30 p. m. EST. As an interval signal, two harmonica notes appear to be used.

In respect of Radio Internacional near 9,320, that the calls have been and are OAX4I long wave, and OAX4J short wave, has never been in doubt, official lists notwithstanding. As an interval signal they use three chimes, and the signature preceding the National Anthem is

"Good Night, Sweetheart," a waltz. Address: Radio Internacional, S. A., Apartado 1166, Lima.

#### SIAM

No sooner did we suggest that eastern listeners might log the higher of the two frequencies alternately used by station HS8PJ Bangkok than did they discontinue this particular frequency. Since Siamese New Year's Day (April 1) HS8PJ has been broadcasting only on 9.350 Thursdays, but added an afternoon broadcast which, though tuned for, has not been heard. Its reception on the Pacific Coast is at peak at sunrise

FLASH: Beginning April 26, HS8PJ will also test Mondays from 8 till 10 a. m. and Saturdays from 1 till 2:30 p. m. EST on 9,350 only.

#### SWITZERLAND

Just too late for last month's issue, advice was received from Mr. C. H. Calame, Chief of the Wireless Service of Radio-Suisse, Geneva, to the effect that stations HBJ 14.535 and HBO 11.402 would carry the Swiss Program each Saturday from 6:45 till 8 p. m. EST, HBJ beamed on North America. This affords West Coast listeners their opportunity to log Geneva for HBJ reaches here very well, but not so HBO. Listeners in the habit of tuning in JVH Tokio 14.600 will find HBJ in nearly the same place. Telegraph station "kna" doesn't help matters any by galloping on the low frequency fringe. Program occasionally runs overtime till 8:30 p. m. Reports on the Swiss Program should be addressed Radio-Suisse, Quai de la Poste 12, Geneva.

Meanwhile the League of Nations Bulletin will continue over HBL and HBP at 5:15 p. m. EST Saturdays and reports on this should be addressed the Information Section, League of Nations, Geneva.

#### URUGUAY

After testing for a time on 6.000 kc, the new commercial station CXA-2 of Montevideo has disappeared from the air. Whether this be accidental or by governmental restriction, is not yet known. Meanwhile, the Government's station CXA-4 still holds forth on 6.125 where interference is so very great that its reception in North America is improbable.

#### VENEZUELA

In a letter to a QRC Member, Sr. Alfredo Eduardo Mosquera, Technical Director of YV1RL, states: "Our calls are YV1RK, assigned a frequency of 1280 kc with 250 watts power (not yet in operation) and YV1RL operating on exactly 5,930 kc (50.59), the transmitter being at Sabaneta Larga (a suburb of Maracaibo) fed by a 3-mile zero level line from the center of Maracaibo, the location of which is 10' 37" North 71' 41" West, our time consequently being 13 minutes 16 seconds ahead of your Eastern Standard Time. The transmitter proper is a Collins engineered and built 300 BA with 300 Watts in the antenna and was contracted through Baer & Company of Caracas who are Collins agents in









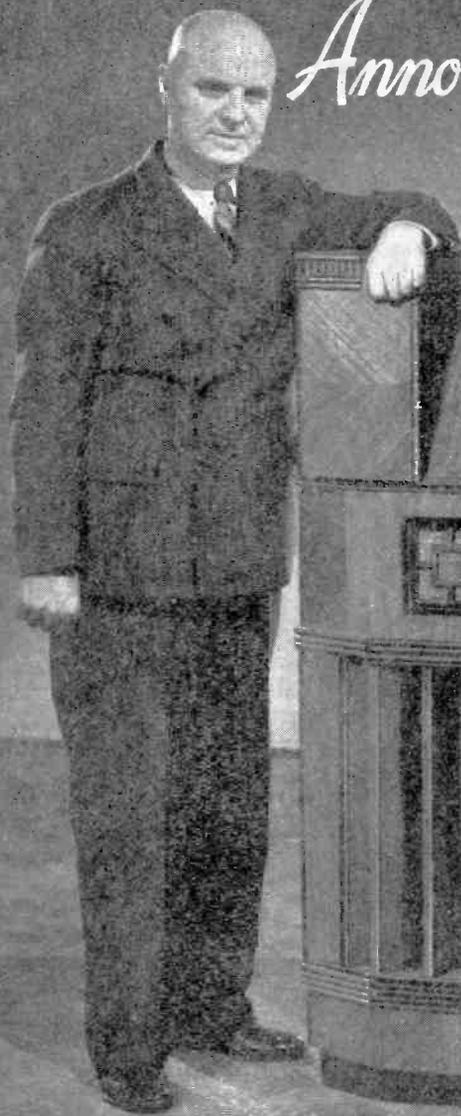




BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
																	T W F
11,960	25.08	Trujillo City, D. R.	H1-2X														S
12,005	25.00	Moscow	R N E								4-5						M W F
12,235	24.52	Reykjavik	T F J			10-11											S
12,300	24.39	Santiago de Chile								132 1/2							M T W T F S
13,635	22.00	Warsaw	S P W								4						S
14,535	20.64	Geneva, Switzerland	H B J								4						M W F
14,915	20.11	Sofia	L Z A														S
15,110	19.85	Berlin	D J L														M T W T F S
15,121	19.84	Vatican City	H V J														S
15,140	19.82	London	G S F														M T W T F S
15,150	19.80	Bandoeng, Java	Y D C														S
15,180	19.76	London	G S O														M T W T F S
15,200	19.74	Berlin	D J B														S
15,210	19.72	Pittsburgh	W8-XK														M T W T F S
15,220	19.71	Hilversum, Holland	P C J														S
15,230	19.70	Prague, Czechoslovakia	OLP5A														M T W T F S
15,245	19.66	Paris	TPA-2														S
15,250	19.67	Boston	W1XAL-														M T W T F S
15,250	19.66	London	G S I														S
15,270	19.65	New York	W2-XE														M T W T F S
15,280	19.63	Ciudad Trujillo, D. R.	H1-3X														S
15,280	19.63	Berlin	D J Q														M T W T F S
15,330	19.56	Schenectady	W2XAD														S
15,340	19.55	Berlin	D J R														M T W T F S
15,370	19.52	Budapest	HAS-3														S
15,440	19.43	Mazatlan	XE-BM														M T W T F S
17,760	16.89	New York	W2XE														S
17,760	16.89	Berlin	D J E														M T W T F S
17,770	16.88	Huizen, Holland	P H I														S
17,780	16.87	Bound Brook	W3XAL														M T W T F S
17,790	16.86	London	G S G														S
21,470	13.97	London	G S H														M T W T F S
21,520	13.94	New York	W2-XE														S
21,540	13.93	Pittsburgh	W8-XK														M T W T F S

*Announcing the New*

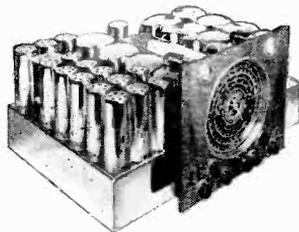


**YOUR CHOICE OF FIFTEEN EXQUISITE CABINETS**



# SCOTT *Philharmonic*

# 30



# TUBES

## Clearer, MORE Powerful, FOREIGN Reception!

You'll find hearing the 30-tube Scott Philharmonic a *stirring* new musical experience. Scott Research Laboratories have accomplished in this new receiver standards of performance considered impossible by many radio engineers and masters of music. Eight startling improvements (patents applied for) are built into this new instrument. Now, perfect reproduction of the entire tonal range of the human ear is a reality. *Every tone*, from the very lowest to the highest, is captured with an almost uncanny realism that seems to bring you into the very presence of the musical rendition. New developments give more power, greater sensitivity and sharper selectivity. Again, Scott leadership as the World's Supreme Long Distance Receiver is established. The Philharmonic is custom built by hand and is guaranteed for 5 years.

### A STUDY OF THE TECHNICAL DETAILS

A Comparison of Its Overall Fidelity, Selectivity, Sensitivity, Power Output, Tone Balance, 10,000 Cycle Attenuation, Loud Speaker Response, Noise Suppression, and Automatic Gain Control, as shown by proved Laboratory Curves (sent upon request) will prove conclusively that The Philharmonic:

1. Covers a *Greater Wave Length Range*. (3.75 to 2000 Meters.)
2. Has *Finer Tone and Higher Overall Fidelity*. (From 30 to 16,000 Cycles.)
3. Has a *Smoother and More Highly Perfected Continuously Variable High Fidelity Range*.
4. Has *Sharper and More Complete Attenuation* at 10,000 Cycles.
5. Has *Purer and More Perfect Fundamental Bass Response* which is Free from Cabinet Boom and Resonance.
6. Has *More Perfect Tonal Balance* at all degrees of Volume—giving the Same Perfect Reproduction of the Bass and Higher Frequencies at Low as well as High Volumes.
7. Has *Greater Pure Class A Output* with Less Harmonic Distortion.
8. Has *Smoother Loud Speaker Frequency Response* from 30 to 16,000 Cycles.
9. Has a *Higher Degree of Selectivity*, which is Continuously Variable from 2 to 16 Kc.
10. Has *More Perfect Automatic Gain Control Systems* on both R.F. and I.F. Amplifiers.
11. Has *More Usable Sensitivity*.
12. Will Give *Smoother and More Noise-Free Reception* of All Programs, Especially in Difficult Receiving Locations.
13. Has a *More Highly Developed and Distortionless Program Volume Range Expansion System*.
14. Will Give *More Perfect Reproduction from Phonograph Recordings*, Especially the Latest High Fidelity Records.
15. Will Eliminate Phonograph Needle Scratch at Low Volumes, *Without Affecting Reproduction of Low, Mid, or High Frequencies* in Any Way at Normal or High Volumes.
16. Is *Custom Built with Greater Precision*—And from Higher Quality Parts.
17. Has *More Advanced Engineering Features* Incorporated in Its Design.

More, WE BELIEVE, THAN ANY OTHER RADIO RECEIVER IN THE WORLD TODAY.

**GET ALL THE STARTLING DETAILS • MAIL THE COUPON NOW!**



## E. H. SCOTT RADIO LABORATORIES, INC.

4491 N. RAVENSWOOD AVE., DEPT. 44H7, CHICAGO, U. S. A.

Please send details about the new Scott Philharmonic. (No dealers. Sold only direct from Scott Laboratories. 30-day free trial.)

Name .....

Address .....

Venezuela. We open and close our transmissions with the 'National Emblem March' and identify every fifteen minutes (in accordance with Madrid Convention agreements which are standard in Venezuela) in Spanish and in English every half hour. Slogan: 'Radio Popular.' Address: Box 247, Maracaibo. Both stations are owned and operated by Sr. Jose A. Higuera M., a young and enterprising Venezuelan business man. In fairness to the fans who employ their time so unselfishly and often see their 'catches' equalled, if not surpassed, by veries carelessly handed out, we verify only reports that tally with our log."

#### YUGOSLAVIA

Belgrade Short Wave Radio Station announces the inauguration of relays twice monthly over PCJ Hilversum of programs addressed to nationals resident overseas. In substance the announcement follows: For years our leading intellectual circles have been pointing out the necessity of keeping in close touch with our emigrants in various transatlantic countries. The Belgrade Station which started work last year was not sufficiently equipped for this purpose. The Government has therefore authorized the appropriation of five million dinars for the erection of a new 10 kilowatt shortwave broadcasting station, to be under the direction of the Central Press Bureau. Meanwhile, arrangements have been made with station PCJ Hilversum, Holland, to relay the Belgrade station on two wavelengths: 9.59 and 15.22 mc. Emissions will be given twice monthly and the programmes will be made up according to the wishes of emigrants themselves.

The inaugural relay appears to have been April 1 from 6 to 7:15 p. m. EST, greetings to Yugoslav nationals having been conveyed by Dr. Milan Stayadinovitch, Prime Minister and Minister for Foreign Affairs.

Listeners report PHI 11.730 relaying Radio Beograd in parallel with PCJ from 7 till 8:30 p. m. Wednesday, 14th.

#### SLEEPY TIME

Having observed the very high quality of DX Program broadcast Sunday mornings, 12:45 till 1 a. m. EST, by the Golden Gate Station, KGGC San Francisco 100 w 1,420 kc, edited by the Universal Radio DX Club of San Francisco, the QRC has assented to the broadcast of REPORTER headlines. The station would be interested in receiving reports of its reception.

#### SWL CARD EXCHANGE

Swappers may send the QRC ten of their SWL Cards and five cents and receive in return an assortment of ten different SWL Cards. All should be printed cards with no writing other than your signature. Tie the cards with a string, insert 5 cents in stamps between the cards, and mail in an open envelope for 1½ cents postage.

## CASTELLANO

In our study of Spanish we find that, in contrast with English, vowels have but a single sound and are not altered in any manner by the letters that follow. In English, if a vowel is to have a short sound, we double the following consonant, or if it is a long vowel sound, we may tack a silent *e* to the end of the word. The tendency to give a short vowel sound to any vowel followed by a double consonant is responsible for our atrocious accent at times in pronouncing Spanish words. Americans have to guard particularly against giving the vowel *a* a short instead of its invariably broad sound. Consonants in Spanish are not doubled unless both are sounded; that is, they are not used as expedients to denote the sound of other letters. In the Spanish alphabet there are some compound letters and while we would suppose that *rr* and *ll* are double letters, they are not so regarded. The first must be rolled slightly by placing the tip of the tongue gently behind the upper teeth. The *ll* has the sound in America of *y*. In dividing syllables, these letters are never divided, but they always begin a syllable. Take the word *carro*, meaning "car." There are in Spanish as many syllables as vowels, hence two syllables. Since *rr* begins one syllable, there can be no mistake: ca'rro. As another example, *caballero* meaning "gentleman." We note four vowels, hence four syllables, and they should end in a vowel when possible. Though simple, it is of the greatest importance, and the division is as follows: ca'ba-lle'ro.

The reason the division of syllables is so very important is because it determines the accent, and it also enables you to pronounce even the most difficult appearing words. Divide them in syllables and sound each separately and evenly until the whole rolls off your tongue. On the other hand, if we divide a word improperly, the result will be disastrous. As an example, we may recite a personal experience. Stepping into an elevator we announce our destination as "cuat-ro." Never having before heard of such a thing, the operator was at a loss to understand what it was all about. A grammatical rule has been violated. The liquid consonants *l* and *r*, when preceded by any consonant other than *s*, must not be separated from that consonant, except in uniting parts of compound words. If we want the elevator to stop at floor four, we had better learn to divide the word correctly and say: "cua'tro." It will be recalled that an unaccented weak vowel coalesces with a strong vowel, forming a diphthong, and "ua" is one of these species; so, putting *kwa* and *tro* together, we find it makes four.

## STATION DATA

**ANGOLA**

CR6AA "Radio Eddystone," Lobito 1 kw input 9.660. Manica Trading Co., Ltd., Owners. Caixa Postal 118.

**ARGENTINA**

LRU "Radio El Mundo," Buenos Aires 5 kw 15.290—LRX 5 kw 9.660—Relay LR-uno 50 kw 1.070 (s) Special composition without title by Maestro Alberto Castellanos. Interval: 4 vibrophone notes. Editorial Haynes, Ltd., Owners. Calle Maipu, 555.

**AUSTRALIA**

VK2ME "The Voice of Australia," Sydney (Pennant Hills) 20 kw 9.590 (i) Kookaburra laughter. P. M. Farmer, Announcer. Amalgamated Wireless (A/sia) Ltd., Owners. Verifications: V. M. Brooker, Broadcasting Department, "Wireless House," 47 York Street, Box 2516 BB G.P.O., Sydney, N. S. W.

VK3LR "National Station," Melbourne (Lyndhurst) 1 kw 9.580. Radiates programmes of Australian Broadcasting Commission. Postmaster-General's Department, Treasury Gardens, Melbourne, C.2.

VK3ME Melbourne (Braybrook) 1.5 kw 9.510. C. T. Sproule, Announcer. Amalgamated Wireless (A/sia) Ltd., Owners. Verifications: Broadcasting Department, "Wireless House," 167-169 Queen Street, P. O. Box 1674 N, Melbourne, C.1., Victoria.

VK6ME Perth (Applecross) 500 w 9.589. Amalgamated Wireless (A/sia) Ltd.

VK9MI M/V Kanimbla 50 w 6.010, 11.170 (s) "Sweet Dreams" followed by God Save the King. McIlwraith & McEacharn, Ltd., Owners, 94 William St., Melbourne.

**AUSTRIA**

OER-2 "Radio Wien," Wien (Vienna) 1.5 kw 11.801. Oesterr. Radioverkehrs A. G., Wien 1, Johannesgasse 4b, Osterreich.

**BELGIUM**

ORK "Radio Ruysselede," West Flanders 9 kw 10.330 (s) "Brabanconne" National Anthem. Languages: French and Flemish. Announcement: "Ici Bruxelles I. N. R. Emission speciale pour le Congo par la station de Ruysselede ORK 29 m 04." Regis des Telegraphes et des Telephones, Direction des Radiocommunications, Bruxelles.

**BRAZIL**

PRF-5 Rio de Janeiro (Marapicu) 50 kw 9.501. Companhia Radio Internacional do Brasil, Caixa Postal 709.

**BRITISH GUIANA**

VP3BG Georgetown (Demerara) 6.130. J. L. Kerr, 1 Wellington St.

VP3MR "The Voice of Guiana," Georgetown (Demerara) 250 w 6.010. Opens with "The Empire Parade." (s) Ted Lewis' "Goodnight Melody." Station announcements every fifteen minutes. BGT one hour and a quarter ahead of EST. Studios: Luckie's Chambers. The British Guiana Broadcasting Company, Limited, 16, Robb & Hincks Streets.

**BULGARIA**

LZA "Radio Sofia," Sofia 1.5 w 14.970. Interval: Opening bars of a "ratchenitza," a folk dance. Moskovska rue, 19.

**CANADA**

CFCX Montreal, P. Q. (ex VE9DR) 6.005. Relays CFCF. "Power output is in excess of 75 watts." M. J. Humphreys, Mgr., Canadian Marconi Co., Box 1690.

CFRX "The Rogers Short Wave Station," Toronto, Ont., 6.070. Relays CFRB. Studios a stone's throw from Ontario's Parliament Buildings. Harry Sedgwick, Managing Director.

CJRO Winnipeg, Man. (ex VE9CL) 2 kw input 6.150—CJRX (ex VE9JR) 2 kw input 11.720. H. R. McLaughlin, Mgr. of Radio Division, James Richardson & Sons, Ltd., 157 Royal Alexandra Hotel.

CRCX Toronto, Ont. 500 w 6.090. F. J. Garrod, Chief Engineer, Canadian Radio Broadcasting Commission, 905 Davenport Road. (Won't verify.)

VE9BK Vancouver, B. C. 4.795. A. M. Jagoe, Mgr., Radio Sales Service, Ltd., 780 Beatty Street.

VE9CA Calgary, Alta. (Strathmore) 6.030. Relays CFCN. The Voice of the Prairies, Ltd., Toronto General Trusts Building, Calgary, Alta.

VE9CS Vancouver, B. C. 6.070. Relays CKCF 1410. Standard Broadcasting System, Ltd., 1001-1004 Stock Exchange Building

VE9DN Drummondville (Montreal) P. Q. 6 kw input 6.005. In winter, relays "Northern Messenger" program. Canadian Marconi Co., Owners, 211 St. Sacrament St., Montreal, P. Q. Verifications: Canadian Radio Broadcasting Commission, King's Hall Building, 1231 St. Catherine Street W., Montreal, P. Q.

VE9HX Halifax, N. S. 200 w 6.130. Relays CHNS. The Maritime Broadcasting Company, Ltd., P. O. Box 998.

**CEYLON**

"Radio Colombo," Colombo 6.160. Chief Engineer, Broadcasting Office, Torrington Square, Colombo, Ceylon.

**CHILE**

CB960 "Radio Difusora Pilot," Santiago 9.600. Opens with: "Babes in Toyland." (s) "Rhapsody in Blue." Tx San Jose 475. Studios: Compania 1288, No. 5, 3d floor. Godoy, Humeres y Rocuant, Owners, Casilla 1342.

CB615 "Radio Service," Santiago 12.300 (s) "Washington Post March." Luis Desmaras & Co., Owners, Bandera 176, Casilla 761.

**CHINA**

XGOX Nanking 500 w 6.820. Relays XGOA. Time signal 7 a. m. P. F. Woo, Director. Central Broadcasting Administration, Central Executive Committee of Kuomintang, Nanking, China.

ZBW-3 Hongkong 2.5 kw 9.525. Tx Marconi Type SWB8. Hongkong Time 8 hours ahead of GMT. Hongkong Broadcasting Committee, Box 200.

**COLOMBIA**

HJ1ABB "La Voz de Barranquilla," Barranquilla 6.128 & 9.560. Relays HJ1ABA. (s) "La Golondrina" (The Swallow) organ. Elias J. Pellet B., Owner, Apartado 715.

HJ1ABC "La Voz del Choco," Quibdo, Department of Choco 6.000. Government station under direction of the Department of Education. V. Barrios Ferrer, Director.

HJ1ABE "La Voz de los Laboratorios Fuentes," Cartagena 1 kw 9.500. Relays "El Progreso Cartagenero." (s) "Relator" March. DX (s) "Aloha Oe" organ. Antonio Fuentes L., Mgr. Apartado 31.

HJ1ABG "Emisora Atlantico," Barranquilla 6.042.5 & 9.583. Andres G. Jimeno, Owner. Apartado Nacional 674.

HJ1ABJ "La Voz de Santa Marta," Santa Marta 1.5 kw 6.025. Julio A. Sanchez T., Owner.

HJ1ABP "Radio Cartagena," Cartagena 1 kw 9.600. Relays HJ1ABR. (s) "Under the Double Eagle" March. R. Lequerica, Mgr., Radiodifusora Cartagena, S. A., Apartado 37.

HJ2ABC "La Voz de Cucuta," Cucuta 9.575. J. Alejandro Sanchez C., Director. Pompilio Sanchez C., Owner.

HJ2ABD "Radio Bucaramanga," Bucaramanga 670 w 5.980. (Sold by Hector McCormick to unknown parties.)

HJ3ABD "Emisora Nueva Granada," Bogota 6.050 (s) "For Thee, Rio Rita" followed by National Anthem. Roberto Ramirez, Mgr., Colombia Broadcasting, S. A., Carrera 7a, No. 21-14. Apartado 509.

HJ3ABF "La Voz de Bogota," Bogota (ex HKF) 6.070 (s) "Good night, Sweetheart." Interval: 6 chimes. Uribe & Moreno, Owners. Edificio Lievano No. 301. Apartado 312. (Won't verify.)

HJ3ABH "La Voz de la Victor," Bogota 1 kw 6.012 (s) "Russian Lullaby," organ solo by Jesse Crawford. J. Garcia, Mgr. Manuel J. Gaitan, Owner, Edificio Lievano No. 112. Apartado 565.

HJ3ABX "La Voz de Colombia," Bogota 6.122. Dr. Rios Hoyos, Mgr. Cesar Estevez, Technician. Apartado 26-65.

HJ4ABB "Radio Manizales," Manizales 6.110. Apartado 175.

HJ4ABC "Ecos del Combeima," Ibague 6.090. Tx Tolima Conservatory Building. Mario M. Barrios, Managing Partner. Lamus & Rivera, Owners. Apartado 39.

HJ4ABD "La Voz Catia sobre el Valle del Aburra," Medellin 5.780, 5.900 & 6.138 (s) "William Tell Overture, Part IV." Equipment, studios and offices in City Hall (Palacio Municipal). Luis Emiro Mejia, Managing Director.

HJ4ABE "La Voz de Antioquia," Medellin, Department of Antioquia (ex HKO) 1 kw 6.097. Relays HJ4ABK 1250 (s) "Dos de Abril," March. Luis Ramos, Mgr., Cia. Radiodifusora de Medellin.

HJ4ABH "La Voz de Armenia," Armenia, Caldas 1 kw 9.520. Relays HJ4ABN. German Hoyos G., Mgr. Hoyos, Gutierrez & Aristizabal, Owners.

HJ4ABP "Emisora Philco," Medellin 2.5 kw 6.030. Relays HJ4ABQ 1320. (s) "Marcha de los Soldaditos de Madera" (Parade of the Wooden Soldiers).

HJ4ABU "La Voz de Pereira," Pereira, Caldas 6.150 (s) "El Hombre Payaso" (The Clown). Cesar & Mario Arango Mejia, Owners.

HJ5ABD "La Voz del Valle," Cali, Valle 8.085 & 9.540. Eduardo Cordoba V., Mgr. Miguel A. Rivas, Chief Engr.

HJU "La Voz del Pacifico," Buenaventura 1 kw 9.510 (s) "Palmira" March. Alberto Pinzon Neira, Station Manager. Pacific Railway, Owner.

**COSTA RICA**

TI-4NRH Heredia 100 w 9.670. Amando Cespedes Marin, Engineer & Director. Amando Cespedes junior, Operator. Lidylia Cespedes Arias, Secretary. Apartado 40.

TI-5HH "La Voz de San Ramon," San Ramon 200 w 5.500. R. Herrera O., Mgr. Herrera Hermanos (Herrera Brothers), Owners.

TI-8WS "Ecos del Pacifico," Puntarenas 120 w 7.500 (s) "San Lorenzo" March. Abel Salazar F., Owner. Apartado 75.

TI-EP "La Voz del Istmo," San Jose 500 w 6.690 (s) "Under Hawaiian Skies." Eduardo Pinto Hernandez, Owner. Apartado 257.

TI-GPH "Alma Tica," San Jose 1.5 kw 5.830. Gonzalo Pinto Hernandez, Owner and Operator. Apartado 800.

TI-XGP3 Estacion "X" La Reina del Aire, San Jose 1 kw 5.830. Gonzalo Pinto Hernandez, Owner and Operator. Apartado 800.

TI-LS San Jose 5.905. Apartado 3.

TI-OW Limon 6.850. O. F. Wimmer, TI-6OW, Operator.

TI-PG "La Voz de la Victor," San Jose 1 kw 6.410, 9.550 (s) "Parade of the Wooden Soldiers." Perry Girton, Owner. Apartado 225.

TI-RCC "Radioemisora Catolica Costarricense," San Jose 500 w 6.550. Rev. Monsenor Dr. Carlos Borge C., Director. Apartado 1064.

**CUBA**

CO-9JQ Camaguey 150 w 8.665. Relays CMJA. Rafael Grimany Varona, Owner. Calle del Gral. Gomez No. 4. Apartado 64.

CO-CD "La Voz del Aire," Habana (Vedado) 250 w 6.130. Relays CMCD. J. Benitez, Mgr., Hotel Palace, Calle 25 y G., Vedado. Apartado 2,294.

CO-CH Habana (Vedado) 750 w 9.428. Relays CMBC. (s) "Maria la O" (Maria My Own), composition of Ernesto Lecuona. Dr. A. Zayas Bazan, Mgr. General Electric Company of Cuba, Owner, Calle "B" No. 2, Vedado. Apartado, 41.

CO-CO Habana 2.5 kw 6.010. Relays CMCF 810. Luis Casas, Jr., Engr. Apartado 98.

CO-CQ de la Crema Dental Colgate y el Jabon Embellecedor Palmolive, Habana 9.750. Relays CMQ del Jabon Candado 880. s) "Siboney." Angel Cambo, Director. Miguel Gabriel, Manager. 25 No. 225, entre 6 y 8, Vedado.

CO-CX "La Voz del Radio Philco" Habana 2 kw 11.435. Relays CMX 920 de la Casa Lavin. (s) "Pajarillo Barranqueno." Francisco A. Lavin, Mgr. Edificio "Calle," Oficios y Obrapia. Apartado 32.

CO-HB Sancti-Spiritus (ex CO-9WR) 6.280. Relays CMHB 1240. Vicente Weiss Arias, Mgr., Weiss, Ramirez & Madrigal, Owners, Independencia 33. Apartado 85.

CO-KG Santiago de Cuba (Loma de Quintero) 2.4 kw 6.200. Relays CMKG 1160. Emilio Grau Medina, Mgr., Manuel Grau Medina, Technician. Apartado 137.

**CZECHOSLOVAKIA**

OLR Radiojournal, Prague (Praha) 24-34 kw. (s) From Dvorak's New World Symphony. Bells at sign-off. Praha XII Fochova Tr. 16, Czechoslovakia.

**YOUR PROTECTION**

In the aggregate, QRC Members are the owners of many thousands of dollars worth of radio equipment. Each year, on the average, at least a fifth of this is replaced by new equipment. Our buying power is sufficient to win for each member the greatest courtesy on the part of manufacturers and dealers, but you must not fail to state, when buying, that you are acting on the advice of the QRC. Then, if you have cause for complaint, let us know and we'll help you get satisfaction. But, if you failed to state, at the time of purchase that it was on our advice, we shall have no license to interfere.

Perhaps the most valuable privilege your membership affords you is the opportunity to consult others as to their experience with the equipment you contemplate buying. And if a dealer knows that other members may consult you, he will be more than anxious that you shall be pleased. Exercise your privileges and make the most of your Club's buying power. Let us know if you have any unsatisfactory dealings, in order that others may be on their guard.

**CHAPTERS**

A Member has asked for instructions on how to conduct a Chapter, prompting us to offer our views on the subject, especially since they differ slightly with the more common methods. In the first place, we do not favor the kind of chapters that require to be "conducted," but prefer instead the less formal gatherings of friends at the home of first one and then another of their number, in rotation. The cohesive force is congeniality and the opportunity to cultivate personal friendships cannot be overestimated. Units of four would seem best for they may be assembled on short notice whenever the next host finds a date convenient. Each unit should have a secretary or contact officer who may be notified and in turn notify members of dates, but otherwise the election of officers would be entirely unnecessary.

In any event the number should not exceed eight, lest the host find his house a total wreck, and so large a number should contribute toward refreshments for the burden would be too great for one alone and by the time it became the turn of the last to serve as host, the membership might be greatly changed. The smaller unit enjoys a different atmosphere—that of intimate friendship—not marred by the payment of dues, for the members are guests and will in their turn entertain. With the permission of the host, a visitor or two may also be admitted to these informal gatherings of the smaller units.

## ILLUSTRATED STATION LIST

Frequently we are requested to explain the F. B. Log. Without knowing what it may be that isn't understood, such an explanation might be a long story and aside from the point. Questions give an idea of what should be explained and it is far easier to answer them than to give a general explanation. To dispel any mystery which may envelop this log, we shall here endeavor to anticipate such questions. First of all an understanding is necessary of what is meant by "frequency" for the figures represent frequency in channels of 10 kilocycles. These channels are likewise shown on the dial of radio receivers, and the figures on the log indicate the place on the dial at which the stations should be heard. To some the fact that we have not repeated the entire figure over each channel may be confusing. At the extreme left, by reading down, will be found the number of megacycles carried out two places. If it is wished to convert this figure into kilocycles, add a cipher and change the decimal point to a comma. Thus 9.60 M/c becomes 9,600 K/c. The next channel to the right will be 9,610 and so on successively. If it is wished to convert kilocycles into megacycles, the operation is simpler still for it is done merely by changing the comma to a decimal point.

The call letters of the stations read down, excepting them a dot indicates their channel and the call is written across the page. Stations using voice or music are shown in CAPITAL LETTERS, while commercial telegraph stations are in small letters as frequency markers. The only difference between this log and other station lists is that they run the figures from top to bottom of the page, instead of across the page, and that here the stations are spaced in the exact relative positions in which they will be found on the dial of your receiver.

If your receiver is not calibrated in megacycles, when you have identified a station, mark its dial reading in the space above its frequency on the log. Never mark the dial itself for it will become unsightly. This will guide you to the exact spot where other nearby stations of known frequency should be found. For instance, after noting the dial reading of two nearby stations if you wish to find a third listed between them on the log, it will be found in the same position on the dial. In some cases, receivers are designed with the higher frequency to the left instead of the right. In this instance, the position of the stations on the dial will be exactly the reverse of that on the log.

# QUIXOTE RADIO CLUB

The 'F. B.' Log

## 30.61 - 31.25 Meters

9. M/c																				9.	
6																				8	
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
RH	H	I	H	D	C	Y	D	T	L	G				C	W	V				G	
AP	J	2	H	O	T	N	Z	I	Q	C				O	O	L				C	
NS	1	R	3	U	1	L	A	4	A	A				O	O	F	J			C	
J	A	O	W	A	F			N						Q						W	
	B	3		A				R					dr			V				c	
	P				LRX			H					fv		L					P	
					.								oi		Z					s	
C	c	f	F	J	J		l	f	t	ttt	p	f	f	f	l	eee				c	l
B	m	t	Z	2	bb		s	t	g	sss	t	z	d	z	s	aaa				p	s
9	l	w	R	A	u	FCJ	o	v	a	zzz	b	h	m	h	z	mmn				p	i
6				B							S									p	5
0	fzr			D	CR6AA																

## 30.00 - 30.61 Meters

9. M/c																				10.	
8																				0	
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
D		I	J		E	W	L				HC		C	I						K	W
F		R	Y		A	O	S				JS		C	R						A	W
E		M	S		Q	N	N				YW		U	S						Z	V
d		I	F				rkc				H			j		o					
f		R	Y				.				K			k		l					
e		F	C				rrj				B			e		g					
		.	2																		
l	l	e	irm	p	j		dd			d	j	U	x	x	ff	x	l			f	z
s	s	a	.	l	d		ge			f	d	I	x	d	tt	dc					
i	l	k	kyd	u	d		cn			n	y	F	n	m	l	h	j				o
			fy2				n			e											

## 29.41 - 30.00 Meters

10. M/c																				10.	
0																				2	
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
W			H	Z	E	R					P		O	R	H						
W			I	F	H	I					S		P	I	S						
V			I	B	Y	R					I		M	O	G						
	.	x																			
	k	g	f	o	D	S	T			weew	t	p		h	w					w	
	.	i	e	Z	U	D				.	d	s		j	a					e	
	w	j	q	n	r	B	V	E		weex	b	i		w	u					w	
f	p	t	t	H	p	p	E			k	p	h	j	x	d	j	w	w	w	p	
z	v	m	a	J	v	l	D			g	v	j	e	a	l	n	i	j	e	v	
o	r	a	a	A	g	y	N			x	g	w	i	m	e	e	u	d	e	m	
	7	3	2	3	9					q	4									x	6

## 28.85 - 29.41 Meters

10. M/c																				10.
2																				4
0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
		P	C		L	P	H	D	L	P		O	Z	L		E	W			K
		S	E		S	M	P	Z	S	P		R	F	S		H	C			E
		H	D	Z	L	N	D	C	Q	M		K	D	X		'Z	G			Z
		d	j			h	hh				R	r			p	J				k
		g	a			p	pp	lsq3			V	q			l	V				e
		d	v			d	dd				V	g			s	O				r
p	p	f	w	p	p	p	l			p	x			x	E					p
v	v	y	q	v	v	y	s			v	f			o	D					v
m	m	d	e	g	c	g	l			m	i			q	R					c
c	c	e	r	5	8	5	2			3	m			3						5













### VERIFICATIONS GUARANTEED

The verification of any Connoisseur Report will be requested in behalf of the member by the QRC upon deposit of 6 cents. Merely mark with a "v" in the left-hand margin, the reports desired verified. List them in a note to the QRC for convenience in entering them upon our records. To complete our records, all verifications are requested sent the QRC for delivery. Of the 6 cents, 5 is to pay for a copy of our mimeo bulletin which we offer the stations in exchange for the verification requested. If no verification is forthcoming the 5 cent deposit is refunded, thus guaranteeing you against loss as might be the case if reply coupons be used.

### STAMP CONTEST

Similar to the Connoisseur Plan in every respect except that the number of reports on any one station is not restricted to ten, only the total number of reports being counted, the Stamp Contest has since been devised. This also takes care of reports on stations not expected to be logged ten times. Upon completing 300 reports on any number of shortwave broadcast stations whatever, you may select your prize which may be an assortment of 600 foreign postage stamps, or any other prize not in excess of 75 cents. The stamp prize was suggested by the fact that some collectors of verifications are also collectors of stamps and, since the verifications obtained by the QRC are usually received in a covering envelope and do not bear stamps, the deficiency is made up by the offer of this prize.

A word about remittances: The safest and most convenient manner is to remit in dimes securely fastened to the letter itself with Scotch Cellulose Mending Tape which may be purchased in almost any 5 & 10 cent store for a dime. For fractions of a dime, unused stamps are acceptable.

### DUPLICATE STAMP EXCHANGE

For the benefit of Members who are also stamp collectors, they may, through the medium of the QRC, exchange duplicate stamps. Trading lots of 100 varieties should be mounted with peelable hinges on onion-skin sheets  $5\frac{1}{2} \times 8\frac{1}{2}$ " in size, that is, 25 stamps to the page. Send them, with a stamped self-addressed envelope, to the QRC and in return you'll receive a similar lot supplied by another Member. Remove the stamps you wish, replacing them with others, and return for another trade. Endorse the sheets with your membership number to avoid the return of those you've already seen. There are no restrictions except that mutilated stamps, whether cut or torn, are of no value and should never be offered in trade.



10 CENTS

DECEMBER

# SHORT WAVE REPORTER



OFFICIAL DATA AND FREQUENCIES  
TUNING TIPS  
IDENTIFICATION AIDS  
NEW STATIONS AND STATION NEWS

★

★

## CLUB STATIONERY

A new supply of Club Stationery is to be printed for those Members who place their orders now. The names of all Members whose orders are received not later than December 10 will be listed in the left-hand margin as members of the QRC "Committee on Publicity." In their correspondence with stations that desire publicity, this designation should be most helpful. Price: 31c for 50 sheets, post-paid.

I think your service of QRC Reply Vouchers an excellent idea for Members, as even with IRC's it is impossible to get replies from some stations. I have about 100 verifications from Latin America and have found Cuba and Venezuela the best for QSL's and the Dominican Republic (3 replies) and Mexico (5 replies) the hardest. Have just purchased a Hallicrafters Sky Champion Rx and find the Sta-

tion Selector list in the REPORTER very useful in operating same.—S. Pearce, QRC 1248, Eng.

Short wave fans in the Chicago area are cordially invited to be present at meetings of the World Wide Dial Club, the date of the next meeting being December 14. Time: 8 p. m. the second Wednesday of each month. Place: Central YMCA, 19 S. La Salle Street, Chicago.

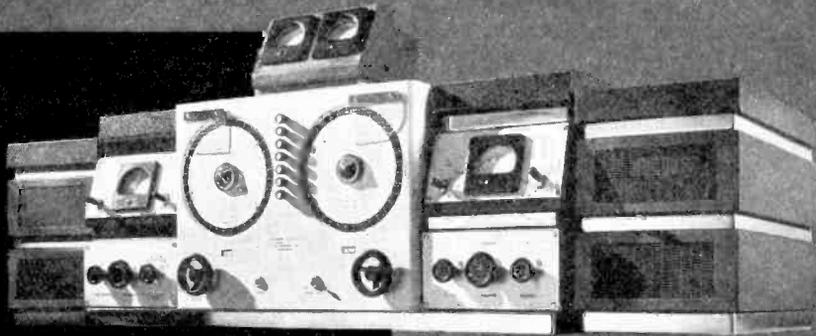
## QRC REPLY VOUCHERS

It has ever been the endeavor of the Quixote Radio Club to be of service to Members not only in the logging of new stations, but as well in obtaining the verification of new stations logged. In this endeavor the QRC has neither sought nor enjoyed any lucrative profit, hoping only by its service to earn the appreciation of the Members thus freely served.

The use of International Reply Coupons was found responsible for much disappointment in requesting verifications for, in a number of countries, they are of little or no value. For the convenience of Members and without vestige of profit to the Club, QRC Reply Vouchers were authorized for use instead of IRC. Priced 11c each (plus postage on whatever quantity purchased) they yield the stations of any country 10c net. It is recommended, however, that they be sent only to those stations that have given the QRC complete assurance that all correct reports, accompanied by these Vouchers, will promptly and unflinchingly be verified. These stations—more than 80 in number—are designated in the Station Selector by a star (★).

Star stations include Radio-Suisse/Radio-Nations, the stations of Poland, Argentine, Brazil, etc., the caliber of which offers ample guaranty of their integrity. They, of course, verify DIRECT and the QRC can have no knowledge of any failure so to do unless Members report such failure.

# WHY DIVERSITY RECEPTION?



## WHAT THE SKYRIDER DIVERSITY DOES FOR AMATEUR RECEPTION!

All amateurs are more or less familiar with the principles of Diversity Reception. The idea of using two or more receivers with individual antennae for the reception of short wave signals is not new. Receiving stations built by the commercial radio companies to operate on this principle have been phenomenally successful in the reduction of fading and improvement in the quality of reception.

However, Diversity Reception as practiced commercially, where each receiver is individually tuned, the second detector outputs being tied together across a common load, and the signals combined after rectification, is not practical for amateur communications work, where ease and rapidity of tuning to a number of signals is essential.

The SKYRIDER DIVERSITY is the result of several years of intensive experimental work, directed toward one object—the development of a means to provide the highly desirable advantages of Diversity Reception for the amateur in practical and easily operable form. It is the first receiving system to offer these advantages with a single tuning control—entirely practical for amateur operation,—and consists of two complete r.f., i.f. and second detector circuits with a common r.f. heterodyne oscillator, common AVC and one audio amplifier.

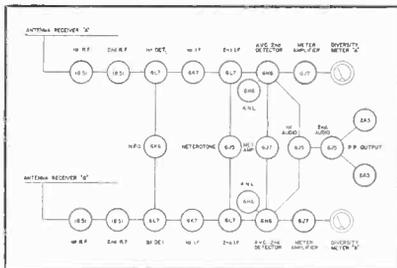
The principle advantages of Diversity Reception as offered by the SKYRIDER DIVERSITY are as follows:

1. Reduction of fading to negligible proportions.
2. An increase of Signal Strength over any single receiver.
3. Improvement of Signal-to-Noise ratio over any single receiver.
4. Reduction of Heterodyne Beat Note Interference.

The Diversity action of the SKYRIDER DIVERSITY is clearly demonstrated by the two diversity meters, which indicate the fading effect in the two separate circuits. Under normal conditions in long-distance, high-frequency reception, they will rise and fall from zero to plus 9, rather rapidly, but will seldom rise or fall in unison. In fact, they give the illusion of being oppositely geared together—as one falls the other rises and vice versa. Meanwhile the signal level meter on the main panel, reading the combined signal strength from both antennae, shows that the resultant output of both receivers remains practically stationary and indicates the improvement effected by the Dual Diversity System.

While it has been generally understood that proper diversity action could be obtained only with widely separated antennae, experience has proved the contrary. Fair Diversity action can be obtained with paralleled antennae separated as little as 10 feet, although it is desirable, where circumstances require antennae in such close proximity, to have them at right angles to one another or in different planes, as one horizontal and the other vertical.

It is with a real sense of achievement that the Hallicrafters offer Diversity Reception to the amateur with the SKYRIDER DIVERSITY. For a more complete discussion write for reprint of QST articles by J. L. A. McLaughlin and Karl W. Miles on Diversity Reception.



TUBE LAYOUT OF SKYRIDER DIVERSITY!

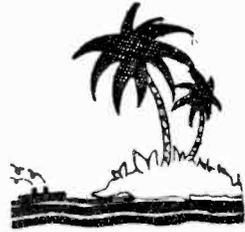
## the hallicrafters, inc.

2611 INDIANA AVE., CHICAGO, U.S.A.

Cable Address, "HALLICRAFT" Chicago

"World's Largest  
Builders of Amateur  
Communications Equipment"

# Short Wave Reporter



## HEAR Khabarovsk!

The Siberian station RV-15 of Khabarovsk (penultimate syllable "ba" accented) is now broadcasting on 6,050 kc, a new frequency, where it is heard on the Pacific Coast with excellent signal strength and clarity from about 10 p. m. PST until well after daylight. Reception is best at dawn, although the musical program ends at 6 a. m. PST after which lengthy press dispatches are sometimes read for copying by all eastern newspapers. For a time, RFN operated on 6,800 kc in parallel with RV-15, but that has been discontinued as has RV-15's lower frequency of 4,270 kc.

Normally RV-15 on 6,050 kc operates from noon PST until 6 a. m. the following morning (midnight municipal time at Khabarovsk). From 1:40 till 3:50 a. m. PST Moscow is relayed, the Moscow transmitter then being audible in northern latitudes on 6,030 kc. Moscow closes down at 3:50 a. m. whereupon RV-15 announces the following calls and wavelengths: RV-15 on 49.587 meters, RV-69 on 555.5 meters and RV-54, the City or Inner-City transmitter with programs for the local audience. The musical programs offered by Khabarovsk are noteworthy for their excellence.

Reports may be addressed to the Radio Committee, Khabarovsk, U.S.S.R., but it is only rarely that they are acknowledged. Instead of reply postage, a number of scenic postals might be more successful in eliciting reciprocal courtesy.

## SUPPLEMENTARY SCHEDULES

11.705 SBP	11----4½		S
	1-----4½		MTWTF
11.730 PHI		616½	MTWTF
		717½	S
17.830 LRA-5	3-4½		F

SHORT WAVE REPORTER published monthly (excepting July and August) by Quixote Radio Club, Box 772, Santa Barbara, California.  
 10 Cents a Copy, \$1 a Year (10 issues).  
 Entire contents copyright 1938 by E. J. Shields, Chats.  
 Advertising accepted of reputable firms only. Rates on application.

**BOLIVIA**

CP-7 Radio Illimani of La Paz 15.300 kc is on the air! See footnote for details.

**PARAGUAY**

Flash: Those who have not yet logged station ZP-8 of Asuncion should try its new frequency, 9,640 kc. CXA-8 of Colonia, Uruguay, may cause some interference. Full details were given at p. 17 October REPORTER.—QRC 917 Arg.

Scoop: From the Argentine by air mail comes advice that, since November 1, "Radio Cultura" ZP-14 of Villarrica, Paraguay, a QRC Star Station, has been broadcasting with increased power on a new frequency of 11,720 kcs. Only Argentine racing results are broadcast at present. Listeners on the Atlantic seaboard should look for ZP-14 in the late afternoon—not at night. Even if horse races could be held in the dark, interference would be encountered on this channel after 7 p. m. EST. For further details see page 17 of the October REPORTER.—QRC 917 Arg.

**MACAU**

Estacao Radio CRY9 Macau, Asia 6,080 kc heard on Pacific Coast with excellent signal Mondays 5:30 till 7 a. m. PST; Wednesdays 5:30 till 6:10. Blots out Malay station first ten minutes; QRM de CKFX at 7 a. m. PST. Call in Portuguese and English given after every second selection. Best Macau signal yet.

**HAITI**

Gerard Bourke-Denis, Manager of the English program service sponsored by The West Indian Broadcasting Company of Jamaica over Station HH2S of Port-au-Prince, welcomes reports on their broadcasts. These begin at 7 p. m. EST Sundays and 8:30 p. m. EST weekdays. Classical music is presented Sundays at 7 p. m., and Tuesdays and Thursdays at 9 p. m. Dance programs are offered at 9 p. m. Mondays and Saturdays, and 9:30 p. m. Wednesdays. The station's assigned frequency is 5,915 kcs. Reports should be addressed as indicated in the footnote on Station HH2S herein.

CP-7 "Radio Illimani," La Paz, Bolivia, 1 kw 15.300 relays CP-4 10 kw 1,040 kc (o) Folk Music. (s) "Mir Sein die Kaiserjager." Sta. Olga Granier P., Sr. Benjamin Oviedo Rodas, Lizardo Soares, Jorje Gutierrez, Gustavo Velasco, Announcers. Mr. Smith, Technician. Dr. Manuel Elias P., Manager. Government Station under the direction of the Ministry of Communications. Studios: Ingavi 321.

15.300 CP-7 7 $\frac{1}{2}$ —9 11 $\frac{1}{2}$ —1 $\frac{1}{4}$  6 $\frac{1}{2}$ -----11 SMTWTFSS

HH2S Port-au-Prince, Haiti, W. I., 300 w 5,915. French programs: (s) "Le Cygne" (The Swan). Paul Jeantils, Announcer. Emile Anacreon, Technician. Armand Mallebranche, Manager. Societe Haitienne de Radio-diffusion, Owners. Studios: 15th Street & Avenue D. P. O. Box 146-B. English programs: (s) "Fair Rosemary" by Kreisler. Edward Bell, Announcer. Gerard Bourke-Denis, Manager. The West Indian Broadcasting Company of 71 Harbour Street, Kingston, Jamaica, sponsors. Address reports to WIBC, Station HH2S, Box 146-B, Port-au-Prince, Haiti, W. I.

5.915 HH-2S 7-----10 S  
6 $\frac{1}{2}$ -----10 MTWTFSS

**COLOMBIA**

Station HJ1ABE of Cartagena advises the QRC officially of its new frequency 4,835 kc. For details, see footnote in this issue.

A tuning tip: In the new Colombian calls, not all of which have yet been corrected, the letter immediately following the district number agrees with that number, i.e., district one is followed by the first letter of the alphabet: A. District two by the second letter: B. District three by the third letter: C. and so on. Thus we have HJ1ABE, HJ2BAI, HJ3CAH, HJ4D., HJ5E., HJ6FAH, HJ7GAB, etc.

**PHILIPPINES**

KZIB Manilla 9.503, a new station, heard with good signal from 3 a. m. PST onward; signed near 4:40 a. m. Best Sunday mornings. Other nights VK3ME Melbourne interferes.—QRC 1116 B. C. Heard just below XFEWW Mexico City Sunday morning with operatic program until 6:30 and dance music until sign-off at 7 a. m. PST. Signal clear with good strength. Channel meets with less interference than that of KZRM 9.570.

**PERU**

OAX2A Trujillo (old Rancho Grande) now on 11,840 kc nightly before 7 p. m. EST, R9.—QRC 215 Ohio.

**VENEZUELA**

On or before January 1, 1939, all Venezuelan shortwave stations will have changed frequency to within the new tropical band. YV5RD Radiodifusora Venezuela 6,158 changes December 1 to YV5RM 5,010 kc.

**TURKEY**

Regular operation of the Government Radio Station at Ankara was inaugurated October 29 in commemoration of the 15th Anniversary of the Turkish Republic, the schedule of preliminary tests having been: TAQ 15.195 kc 5:30 till 7 a. m. EST; TAP 9,465 kc 2:30 till 4 p. m. EST. A third frequency of 14,780 kc may be used. Announcements are in Turkish, French, English and German, by male and female announcers. Reception reports sent to Government Radio Station TA-, Ankara, Turkey, are acknowledged over the air in English. They expect to be on the air about ten hours each day.—QRC 1462 Eng.

★HI-9B "Broadcasting Hotel Mercedes," Santiago de los Caballeros, 350 w 6.675 (s) "Himno Nacional Dominicano." Expedy Pou, Announcer. Marcial Smester, Engr. Juan B. Sanchez C., Mgr. J. L. Sanchez, Jr., Owner & Director. Studios: Calle 30 de Marzo esq. a Libertad. Apartado 95. 7---9 12---3 5-----9 MTWTFSS  
6.675 HI-9B 1---3 S

HJ1ABE "La Voz de los Laboratorios Fuentes," Cartagena, 1 kw 4.835 relays HJ1ABF "El Progreso Cartagenero" 1 kw 1,240 kc (o) "Song of the Islands," organ. (i) Two electric bells. (s) "Aloha Oe," organ. Jose Vellojin, Daniel Caseres, Ramon Mendez, Announcers. Bernardo Mendez V., Technician. Antonio Fuentes L., Director. Ramon Mendez V., manager. Laboratorios Fuentes L., Owners. Studios: Calle Universidad 114. Apartado 31.

4.835 H-J1ABE 8½-----10½

SMTWTFSS

**VATICAN CITY**

"Today (October 23) I listened to Radio Vaticano HVJ 15.121 from 1:20 to 1:35 p. m. EST. The program was in English with talks about Catholic organizations and operations. At the end of the program it was announced that these programs would be continued Sundays commencing at 7 p. m. Rome Time or 1 p. m. EST. The signal was very strong with perfect modulation. When I first tuned in this station I thought it was WIXAL Boston, but on hearing the announcement so clear and strong was surprised to learn that it was Vatican City. Listeners were requested to send reports on their reception." — QRC 1208 La.

**PANAMA**

M. Lombardo Vega, Owner & Operator of Station HP5H of Panama City 6.122 kcs, invites listeners to enjoy the typically Panaman programs offered by his station Mondays and Saturdays from 8:30 p. m. EST onward; also the special concert Sundays from 8 till 9:30 p. m.

by the Banda Republicana de Panama, and Thursdays at the same time by the Firemen's Band. The Newspaper of the Air, or Diario Hablado, may be heard from 7:15 till 7:30 p. m. EST daily.

**U.S.S.R.**

Radio Centre, Moscow, writes: "Enclosed you will find our current schedule of broadcasts in the English language and we hope it will be of use to your club in picking up our different stations. From this schedule you will see that we are broadcasting daily on 19.76 meters at 8 a. m. Greenwich Mean Time which is also 15,182 kilocycles. We should be very glad to receive your further reports of our broadcasts as these we find are extremely interesting and useful to us. In appreciation of these, we are sending you, under separate cover, three different copies of the Moscow News and hope that some of your members will find these interesting. Also if any of your members have questions on life here in our country, we shall be pleased to help them."

HP-5H "La Voz del Pueblo," Panama City, 1.5 kw 6.122 (s) "El Silbador y su Perro" (Whistler and his Dog), (i) Chinese Gong. De Mena y Herrera, Announcers. Emerito Nunez, Technician. M. Lombardo Vega, Owner & Operator. Studios: Calle 3a. 19. Apartado 1045.

6.122 HP-5H  $\overset{8}{\text{-----}}\overset{1}{\text{-----}}\overset{7\frac{1}{2}\text{--}9\frac{3}{4}}{6\text{-----}}\overset{10\frac{1}{2}}{\text{-----}}\overset{S}{\text{-----}}$  MTWTFSS

TG-2 "Radio Morse." (In honor of Samuel F. B. Morse) Guatemala City 200 w 6.190 & TG-3 100 w 2.340 relay TG-1 w 1,310 kc (s) "La flor del cafe" (The Coffee Flower) marimba waltz composed by German Alcantara. Announcers: Various. C. H. W. Nason, Technician. Julio Meza Caballeros, Director General of Electrical Communications. Government station. Studios: 7a. Avenida Sur 35. (Verifications or any information about Guatemala will be sent Members gladly by these stations, absolutely free. Send neither stamps, coin nor IRC.)

6.190 TG-2  $\overset{7\frac{1}{2}\text{--}10}{\text{-----}}\overset{2.340}{\text{-----}}\overset{3\text{-----}8}{\text{-----}}\overset{6\text{-----}11}{\text{-----}}\overset{S}{\text{-----}}$  MTWTFSS



9,650, station YDA appears to have abandoned these channels in favor of the lower frequencies. Boy-Landry of Saigon is heard until 6:15 a. m. PST on 6,210 kc only, the 9,760 kc frequency apparently having long since been discontinued. And the report that Siam's Monday broadcasts are on 15 megacycles instead of 15 meters (19,020 kc) is false.

### SWITZERLAND

Members now enjoy absolute assurance that the verification of all correct reports, accompanied by QRC Reply Vouchers, will unfailingly be granted by Radio-Suisse/Radio Nations, 12, Quai de la Poste, Geneva, for any of their eight stations indicated in the Station Selector by a star (★). New schedules are given elsewhere herein. A similar courtesy has not yet been requested of the Information Section of the League of Nations Secretariat, Geneva, nor the Swiss Broadcasting Corporation at Berne, pending which Vouchers should be sent only to Radio-Suisse/Radio Nations at the above address. Your wishes will receive immediate attention.

### EIRE

It is said that the 3.5 kw short-wave transmitter under construction at Moydrum, near Athlone, will be testing soon and certainly be in operation before New Year's. The frequencies to be used are listed in the Station Selector sans call pending further official advice.—QRC 1462 Eng.

### F. I. C.

"Radio Hanoi," Hanoi 11.908 signs off at 6:23 a. m. PST with "Ici Radio Hanoi" and La Marseillaise. Heard Sundays.—QRC 1116 B. C. It is understood this station has but 150 watts power and reception at interior points or southern latitudes is improbable.

### SPAIN

Between stations CB-1180 of Santiago de Chile on 11,980 kc and RNE Moscow near 12,000 kc, Radio Salamanca has been heard testing afternoons simultaneously with their normal frequency of 7.500 kc.

EAQ Madrid 9.860 heard with English news until 1 a. m. PST giving their new schedule as: 8:45 a. m., 9:40 p. m.; 12:30 a. m.; 1:30 a. m., all G.M.T. —QRC 1116 B. C.

KEYU "Radio Universidad Nacional," Mexico, D. F., 1 kw 9.600 relays XEXX 1,170 kc (s) "Riberius March." (i) Chimes. Tomas G. Perrin, Rafael A. Perez, Enrique J. Flores, Announcers. Ing. Ignacio Diaz R., Technician. Joaquin de la Garza, Studio Chief. Prof. Jose F. Vasquez, Director. National University, Owner. Studios: Justo Sierra 16.

9.600 KEYU

3-4½

8

-----

12

SMTWTFS

W8XNU Cincinnati, Ohio, 500 w 25.950 relays WSAI Crosley Radio Corp. (s) "Beautiful Ohio." Studio & Transmitter: Clifton Heights, Cincinnati, Ohio. 6 a. m. till 1 a. m. EST daily.

★YV5RM "Radiodifusora Venezuela," Caracas 2.5 kw 5.010 relays YV5RB 5 kw 1,200 (s) "Unidos para Siempre." (i) Six note chime. Ten announcers. G. Siblesz, Technician. Degwitz & Siblesz, Owners & Operators. Plant: Catia. Studios: Interior del Pasaje Ramella.

5.010 YV5RM 7-8

11

-----

10½

SMTWTFS

## SWITZERLAND

★"Radio-Suisse/Radio-Nations," Geneva. C. H. Calame, Chief of the Wireless Service. Address reports to: Radio-Suisse/Radio-Nations, 12 Quai de la Poste, Geneva. If verification desired, please send QRC Reply Voucher.

18.450 HBF	14.535 HBJ	9.345 HBL	7.797 HBP
18.480 HBH	9.595 HBL	11.402 HBO	6.675 HBQ

LEAGUE OF NATIONS  
SCHEDULE OF BROADCASTS

14.535 HBJ	1. For India (English):		Sunday
	10 $\frac{3}{4}$ 11 $\frac{1}{2}$		
6.675 HBQ	2. For Africa and Europe (English):		Sunday
	11.402 HBO 1 $\frac{3}{4}$ 2 $\frac{1}{2}$		
6.675 HBQ	3. For Europe (French):		Sunday
	2 $\frac{1}{2}$ 2 $\frac{3}{4}$		
9.345 HBL	4. For North America (English):		Sunday
	7-7 $\frac{3}{4}$		
9.345 HBL	5. For South America (Spanish):		Sunday
	8-8 $\frac{3}{4}$		
11.402 HBO	6. For Australia and New Zealand (English):		Monday
	November 2 $\frac{1}{2}$ 2 $\frac{3}{4}$		Monday
	December 3 $\frac{1}{4}$ 3 $\frac{3}{4}$		Monday
	January 3-3 $\frac{1}{4}$	February	Monday
	March 2 $\frac{1}{2}$ 2 $\frac{3}{4}$		Monday
14.535 HBJ	November 3-3 $\frac{1}{4}$		Monday
	December 4-4 $\frac{1}{4}$		Monday
	January 3 $\frac{1}{4}$ 3 $\frac{3}{4}$	February	Monday
	March 3-3 $\frac{1}{4}$		Monday

## SWISS PROGRAM

7.797 HBP	9.345 HBL	6 $\frac{1}{4}$ -8 $\frac{3}{4}$	Monday
-----------	-----------	----------------------------------	--------

## FRANCE

TP- "Paris Mondial," Paris 12 & 20 kw (s) "La Marseillaise," French National Anthem. Government Station. Broadcasting Department: 107, Rue de Grenelle, Paris VIIIe. Administration: 98 bis. Boulevard Haussmann, 98 bis., Paris (8e).

21.490 TPB-1	15.240 TPB-5	11.720 TPB-9	6.145 TPB-14
17.810 TPB-3	15.130 TPB-6	9.585 TPB-10	6.090 TPB-15
15.295 TPB-4	11.845 TPB-8	9.520 TPB-13	6.040 TPB-16

## For the East and Far East:

15.243 TPA-2	6-----11	SMTWTFS
17.810 TPB3	9 $\frac{1}{2}$ ---11	SMTWTFS

## For Africa and East Mediterranean:

9.550 TPB-11	-----6	11 $\frac{1}{2}$ -----	SMTWTFS
--------------	--------	------------------------	---------

## For Africa:

11.885 TPA-3	11 $\frac{1}{2}$ -----6	2---	SMTWTFS
----5			

## For South America:

11.718 TPB9	7---9 $\frac{1}{2}$	SMTWTFS
-------------	---------------------	---------

## For North and Central America:

15.130 TPB-6		2---	SMTWTFS
----5			
11.885 TPB-7	9 $\frac{1}{2}$ -----12	SMTWTFS	

## For America:

11.718 TPA-4	7---9 $\frac{1}{2}$	SMTWTFS
	9 $\frac{1}{2}$ -----12	SMTWTFS

## STATION SELECTOR

Dial	Location	Call	Dial	Location	Call
2,340	Guatemala City	T G 3	6,000	Quibdo, Colombia	HJ1ABC
3,040	Batavia, Java	Y D A	6,000	Moscow, U.S.S.R.	RV-59
3,488	Rangoon, Burma		6,000	Mexico City	XE-BT
3,490	L. Marques, P.E.A.	CR7AB	6,005	Montreal, Quebec	CF-CX
3,750	Addis Abeba, Ethiopia		6,005	Colon, Panama	★HP-5K
4,107	Quito, Ecuador	HC:JB	6,005	Drummondville, Que.	VE9DN
4,600	Guayaquil, Ecuador	HC2ET	6,007	Rangoon, Burma	X Y O
4,775	Bucaramanga, Col.	★HJ7GAB	6,007	Roberts Heights, S. Af.	Z R H
4,785	Barranquilla, Col.	HJ1ABB	6,007	Maraisburg, S. Africa	Z R J
4,795	Ibague, Colombia	HJ6FAC	6,010	Praha, Czech.	OLR2A
4,815	Cucuta, Colombia	★HJ2BAC	6,010	Sydney, Nova Scotia	CJ-CX
4,835	Cartagena, Colombia	HJ1ABE	6,010	M/V KANIMBLA	VK9MI
4,841	Bogota, Colombia	★HJ3CAD	6,010	Recife, Brazil	★PRA-8
4,850	Bogota, Colombia	HJ3CAF	6,010	Habana, Cuba	CO-CO
4,865	Santa Marta, Col.	HJ2BAJ	6,015	Bogota, Colombia	★HJ3ABX
4,875	Armenia, Colombia	★HJ6FAH	6,015	Santiago, D. R.	★HI-3U
4,880	Calcutta, India	VUC-2	6,020	Zeesen, Germany	D J C
4,885	Medellin, Colombia	★HJ4ABP	6,020	Veracruz, Mexico	★XE-UW
4,895	Bogota, Colombia	★HJ3CAH	6,024	Villarrica, Paraguay	★ZP-14
4,905	Bombay, India	VUB-2	6,030	Praha, Czech	OLR2B
4,950	Madras, India	VUM-2	6,030	Panama City	★HP-5B
4,995	Delhi, India	VUD-2	6,030	Vatican City	H V J
<u>5.1-50.0</u> 5,010	Caracas, Venezuela	★YV5RM	6,030	Calgary, Alberta	CF-VP
5,138	Bandoeng, Java	P M Y	6,040	Boston, Mass.	W1XAL
5,145	Praha, Czech.	OK1MPT	6,040	Miami, Fla.	W4-XB
5,175	Medan, Sumatra	Y D X	6,040	Paris, France	TPB-16
5,713	Guatemala City	T G S	6,040	Batavia, Java	Y D A
5,725	Quito, Ecuador	★HC1PM	6,042	Barranquilla, Col.	★HJ1ABG
<u>5.88-50.0</u> 5,745	San Cristobal, Ven.	★YV2RA	6,045	Tampico, Mexico	XE-TW
5,758	Managua, Nicaragua	YN-OP	6,050	Daventry, England	G S A
5,830	San Jose, Costa Rica	TI-GPH	6,050	Colon, Panama	HP-5F
5,830	San Jose, Costa Rica	TIXGP3	6,050	Khabarovsk, Siberia	RV-15
5,835	Caracas, Venezuela	YV5RR	6,054	Pereira, Colombia	HJ6ABA
5,850	Maracaibo, Ven.	★YV1RB	6,060	Philadelphia, Pa.	W3XAU
5,865	San Pedro, D. R.	HI-1J	6,060	Cincinnati, Ohio	W8XAL
5,875	Tegucigalpa, Hond.	★H R N	6,065	Motala, Sweden	S B O
5,880	Barquisimeto, Ven.	YV3RB	6,070	Toronto, Ontario	CF-RX
5,882	Salisbury, Rhodesia	Z E A	6,072	Zeesen, Germany	D J Y
5,885	Quito, Ecuador	H C K	6,072	Tananarive, Madagascar	FIQA
5,900	Mafeking, S. Africa	Z N B	6,075	Guadalajara, Mexico	★XE-CU
5,905	San Jose, Costa Rica	TI-LS	6,079	Zeesen, Germany	D J M
5,910	Valencia, Venezuela	YV4RH	6,080	Wellington, N. Z.	ZLT-1
5,915	Port-au-Prince, Haiti	HH-2S	6,080	Maracaibo, Venezuela	YVIRD
5,930	Willemstad, Curacao	PJC-1	6,080	Chicago, Ill.	W9XAA
5,930	Maracaibo, Ven.	★YV1RL	6,080	North Vancouver, B.C.	CK-FX
5,940	Guatemala City	TG-2X	6,080	Macau, Asia	CRY-9
5,970	Caracas, Venezuela	★YV5RC	6,080	Penang, Malaya	Z H J
5,977	Lisbon, Portugal	CS2WD	6,082	Nairobi, Kenya	VQ7LO
5,990	Huancayo, Peru	OAX4P	6,082	Lima, Peru	OAX4Z
6,000	Montevideo, Uruguay	CXA-2	6,085	Cali, Colombia	★HJ5ABD

Dial	Location	Call	Dial	Location	Call
6.090	Jalapa, Mexico	XE-BF	6.316	Trujillo City, D. R.	★H I Z
6.090	Paris, France	TPB-15	6.330	Habana, Cuba	CO-CW
6.090	Hong Kong	ZBW-2	6.335	Chiclayo, Peru	OAXIA
6.090	La Paz, Bolivia	CP-5	6.340	Trujillo City, D. R.	HI-IX
6.095	Tokio, Japan	J Z H	6.351	San Pedro Sula, Hond.	HRP-1
6.097	Maraisburg, S. Africa	Z R J	6.355	Rome, Italy	I C C
6.097	Klipheuvcl, S. Africa	Z R K	6.360	Maracaibo, Ven.	★YVIRH
6.100	Belgrade, Yugoslavia	Y U A	6.370	Puntarenas, C. R.	TI-WS
6.100	Chicago, Ill.	W9-XF	6.375	Caracas, Venezuela	YV5RF
6.100	Bound Brook, N. J.	W3-XL	6.383	La Vega Real, D. R.	HI-8J
6.110	Manizales, Colombia	HJ4ABB	6.384	St. Kitts, B. W. I.	★Z I Z
6.110	Daventry, England	G S L	6.400	Caracas, Venezuela	YV5RH
6.115	Praha, Czech.	ORL2C	6.400	Quezaltenango, Guat.	TG-QA
6.120	New York City	W2-XE	6.410	San Jose, Costa Rica	TI-PG
6.120	Mexico City	XE-UZ	6.420	Santiago, D. R.	HI-1S
6.122	Arequipa, Peru	OAX6A	6.420	Bolivar City, Ven.	★YV6RC
6.122	Panama City	HP-5H	6.450	S. F. de Macoris, D.R.	★HI-4V
6.125	Montevideo, Uruguay	CXA-4	6.465	Barquisimeto, Ven.	★YV3RD
6.130	Halifax, Nova Scotia	CHNX	6.480	Santiago, D. R.	★HI-1L
6.130	Georgetown, B. G.	VP3BG	6.490	Guatemala City	TGWB
6.130	Kuala Lumpur, Malaya	Z G E	6.500	Trujillo City, D. R.	H I L
6.130	Jeloy, Norway	L K J	6.520	Valencia, Venezuela	YV4RB
6.130	Habana, Cuba	CO-CD	6.533	Managua, Nicaragua	YNIGG
6.137	L. Marques, P.E.A.	CR7AA	6.545	Bolivar City, Ven.	★YV6RB
6.140	Pittsburgh, Pa.	W8-XK	6.550	Ambato, Ecuador	HC-VT
6.145	Medellin, Colombia	HJ4ABE	6.550	San Jose, Costa Rica	★TIRCC
6.145	Paris, France	TPB-14	6.555	Trujillo City, D. R.	HI-4D
6.147	Durban, S. Africa	Z R D	6.565	Puerto Plata, D. R.	HI-5P
6.148	Bulawayo, Rhodesia	Z E B	6.610	Managua, Nicaragua	★YN-LG
6.150	Winnipeg, Manitoba	CJ-RO	6.618	Riobamba, Ecuador	Prado
6.150	Moca, D. R.	★HI-5N	6.630	Trujillo City, D. R.	★H I T
6.158	Caracas, Venezuela	YV5RD	6.668	Guayaquil, Ecuador	★HC2RL
6.160	Colombo, Ceylon		6.675	Santiago, D. R.	★HI-9B
6.170	New York City	W2-XE	6.675	Geneva, Switzerland	★H B Q
6.174	Mexico City	XE-XA	6.700	San Jose, Costa Rica	★TI-EP-50.0
6.175	Singapore, S. S.	Z H O	6.727	Bandoeng, Java	P M H
6.180	Buenos Aires, Arg.	L R A	6.730	La Romana, D. R.	★HI-3C
6.182	Santiago, D. R.	HI-1A	6.750	Tokio, Japan	J V T
6.190	Moydrum, Eire		6.750	Madrid Front	A Z
6.190	Guatemala City	T G 26.89	6.765	Managua, Nicaragua	YN-RS
6.206	Trujillo City, D. R.	★HI-8Q	6.775	S. P. de Macoris, D.R.	H I H
6.210	Saigon, Fr. I. C.	Boy-Landry	6.790	Paramaribo, Surinam	P Z H
6.210	Coro, Venezuela	YVIRI	6.800	Khabarovsk, Siberia	R F N
6.225	Valera, Venezuela	★YVIRG	6.800	Trujillo City, D. R.	★HI-7P
6.230	Quito, Ecuador	HC-JB	6.820	Nanking, China	XG-OX
6.230	Lima, Peru	★OAX4G	6.850	Puerto Limon, C. R.	TI-OW
6.235	La Ceiba, Honduras	H R D	6.900	San Jose, Costa Rica	TI-RS
6.243	Trujillo City, D. R.	★H I N	6.900	Trujillo City, D. R.	HI-2D
6.250	Caracas, Venezuela	★YV5RJ	6.977	Kweiyang, Kweichow	XG-FA
6.270	Caracas, Venezuela	YV5RP	7.000	Valladolid, Spain	FET-1
6.280	Trujillo City, D. R.	★H I G	7.000	San Jose, Costa Rica	TI-VL
6.300	Maracay, Venezuela	YV4RD	7.050	Madrid Front	A Z

Dial	Location	Call	Dial	Location	Call
7.100	Papeete, Tahiti	FO8AA	9.465	Ankara, Turkey	T A P
7.125	Alcazarquivir	EA9BJ	9.480	Ica, Peru	OAX5C
7.128	Leon, Nicaragua	★YN3DG	9.480	Madrid, Spain	E A R
7.152	Las Palmas, C. Is.	EA8AE	9.490	Manila, P. I.	KZ-1B
7.177	Lobito, P. W. A.	CR6AA	9.500	Lahti, Finland	O F D
7.200	Managua, Nicaragua	YN-AM	9.500	Mexico City	XE-WW
7.204	San Sebastian, Spain	EAJ-8	9.500	Bangkok, Siam	HS8PJ
7.220	Malaga, Spain		9.501	Rio de Janeiro	★PRF-5
7.248	Bilbao, Spain		9.504	Praha, Czech.	OLR3B
7.290	Zeesen, Germany	D J 1	9.510	Melbourne, Australia	VK3ME
7.351	Burgos, Spain	FET-5	9.510	Daventry, England	G S B ✓ 9.51
7.360	Moscow, U.S.S.R.		9.520	Skamlebaek, Denmark	O Z F
7.360	Mexico City	XE:CR	9.520	Moscow, U. S. S. R.	
7.400	Batavia, Java	Y D A	9.520	San Salvador	Y S H
7.450	San Jose, Costa Rica	TI-2LC	9.520	Guadalajara, Mexico	★XE-DQ
7.500	Burgos (ex Salamanca)		9.520	Paris, France	TPB-13
7.500	S.C. de Tenerife, C.Is.	★EA8AB	9.523	Roberts Heights, S. Af.	Z R H
7.510	Tokio, Japan	J V P	9.525	Hong Kong	ZBW-3
7.520	Moscow, U.S.S.R.	RK1-2	9.530	Jeloy, Norway	L K C
7.660	Managua, Nicaragua	★YN-LF	9.530	Calcutta, India	VUC-2
7.717	Jaca, Spain	EA2BH	9.530	Schenectady, N. Y.	W2XAF
7.797	Geneva, Switzerland	★H B P	9.535	Tokio, Japan	J Z I
7.854	Guayaquil, Ecuador	HC2JSB	9.535	Berne, Switzerland	
7.894	San Salvador	Y S D	9.536	Suva, Fiji	VPD-2
8.090	Medan, Sumatra	Y D X	9.540	Wellington, N. Z.	ZLT-2
8.465	Sofia, Bulgaria	L Z A	9.540	Zeesen, Germany	D J N
8.580	Managua, Nicaragua	YN-PR	9.550	Schenectady, N. Y.	W2XAD
8.650	Medellin, Colombia	★HJ4ABU	9.550	Veracruz, Mexico	★XE-FT
8.663	Camaguey, Cuba	CO-JK	9.550	Bombay, India	VUB-2
8.831	Quito, Ecuador	HC-JB	9.550	Paris, France	TPB-11
8.935	Santiago de Cuba	CO-KG	9.550	Vatican City	H V J
9.030	Habana, Cuba	CO-BZ	9.550	Soerabaia, Java	Y D B
9.095	Willemstad, Curacao	PJC-2	9.550	Praha, Czech.	OLR3A
9.100	Habana, Cuba	CO-CA	9.553	Addis Abeba, Ethiopia	
9.120	La Paz, Bolivia	CP-6	9.560	Zeesen, Germany	D J A
9.125	Budapest, Hungary	HAT-4	9.562	Lima, Peru	OAX4T
9.150	Tananarive, Madagascar	FIQA	9.565	Barquisimeto, Ven.	YV3RC
9.163	Quito, Ecuador	★HC1-GQ	9.570	Millis, Mass.	W1-XK
9.200	Habana, Cuba	CO-BX	9.570	Manila, P. I.	KZ-RM
9.280	Asuncion, Paraguay	Z P 8	9.580	Daventry, England	G S C
9.300	Trujillo City, D. R.	★H I G	9.580	Melbourne, Australia	V L R
9.300	Managua, Nicaragua	★YN-GU	9.585	Paris, France	TPB-10
9.300	Guayaquil, Ecuador	★HC2CW	9.590	Cincinnati, Ohio	W8XAL
9.315	Kaunas, Lithuania	L Y R	9.590	Philadelphia, Pa.	W3XAU
9.330	Lima, Peru	★OAX4J	9.590	Sydney, Australia	VK2ME
9.345	Geneva, Switzerland	★H B L	9.590	Perth, Australia	VK6ME
9.355	Quito, Ecuador	HC1ETC	9.590	Delhi, India	VUD-2
9.370	Chengtu, China	X O Y	9.590	Delhi, India	VUD-3
9.400	Guayaquil, Ecuador	HC-ODA	9.590	Hilversum, Holland	P C J
9.437	Habana, Cuba	CO-CH	9.595	Geneva, Switzerland	★H B L
9.440	Montevideo, Uruguay	CXA-9	9.595	Moydrum, Eire	
9.460	Santiago de Chile	CB-946	9.600	Moscow, U.S.S.R.	R A N

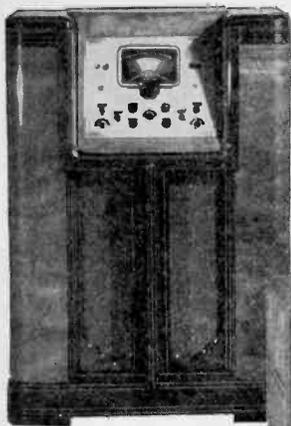
Dial	Location	Call	Dial	Location	Call
9.600	Mexico City	XE-YU	11.700	Santiago de Chile	★CB-1170
9.605	Panama City	HP-5J	11.705	Motala, Sweden	S B P
9.606	Klipheuvcl, S. Af.	Z R K	11.710	Moscow, U. S. S. R.	
9.616	Cartagena, Colombia	HJIABP	11.710	San Salvador	Y S M
9.630	Bucaramanga, Col.	★HJ7ABD	11.710	Saigon, Fr. I. C.	Boy-Landry
9.635	Rome, Italy	I2RO-3	11.710	M/V KANIMBLA	VK9MI
9.636	Taihoku, Taiwan	JF-AK	11.718	L. Marques, P.E.A.	CR7BH
9.640	Asuncion, Paraguay	Z P 8	11.718	Paris, France	TPA-4
9.640	Colonia, Uruguay	CXA-8	11.720	Paris, France	TPB-9
9.645	Port-au-Prince, Haiti	HH-3W	11.720	Villarrica, Paraguay	★ZP-14
9.650	Zeesen, Germany	D J W	11.720	Winnipeg, Man.	CJ-RX
9.650	Lisbon, Portugal	CS2WA	11.730	Buenos Aires, Arg.	L R A
9.650	New York City	W2-XE	11.730	Boston, Mass.	WIXAL
9.660	Buenos Aires, Arg.	★L R X	11.730	Huizen, Holland	P H I
9.660	Managua, Nicaragua	★YN-LF	11.740	Vatican City	H V J
9.666	Lobito, P. W. A.	CR6AA	11.740	Habana, Cuba	CO-CX
9.670	Rome, Italy		11.740	Warsaw, Poland	★SP-25
9.670	Bound Brook, N. J.	W3XAL	11.740	Santiago, Chile	CB-1174
9.675	Zeesen, Germany	D J X	11.740	Moydrum, Eire	
9.685	Guatemala City	TG-WA	11.745	Zeesen, Germany	D J F
9.690	Singapore, Malaya	Z H P	11.750	Daventry, England	G S D
9.690	Buenos Aires, Arg.	LRA-1	11.760	Guatemala City	TG-WA
9.690	Heredia, Costa Rica	TI-4NRH	11.760	Praha, Czech.	OLR4B
9.700	Fort-de-France, F.W.I.	Seri	11.760	Monterrey, Mexico	XE-TA
9.700	Valparaiso, Chile	CB-970	11.770	Zeesen, Germany	D J D
9.710	Habana, Cuba	CO-CQ	11.780	Panama City	★HP-5G
9.737	Lisbon, Portugal	C S W	11.780	Lahti, Finland	O F E
9.830	Rome, Italy	I R F	11.780	Wellington, N. Z.	ZTL-3
9.833	Habana, Cuba	CO-CM	11.790	Boston, Mass.	WIXAL
9.860	Madrid, Spain	E A Q	11.800	Zeesen, Germany	D J O
9.890	Sucre, Bolivia	C P I	11.800	Habana, Cuba	CO-CF
9.925	Dairen, Manchuria	J D Y	11.800	Tokio, Japan	J Z J
9.940	Lisbon, Portugal	CSW-3	11.801	Zeesen, Germany	D J Z
9.960	Habana, Cuba	CO-BC	11.805	Skamlebaek, Denmark	O Z G
10.050	San Jose, Costa Rica	★TIEMC	11.810	Rome, Italy	I2RO-4
10.220	Rio de Janeiro	★P S H	11.820	Daventry, England	G S N
10.260	Bandoeng, Java	P M N	11.820	Hermosillo, Mexico	XE-BR
10.290	Zeesen, Germany	D Z C	11.830	New York City	W2-XE
10.330	Brussels, Belgium	O R K	11.830	Chicago, Ill.	W9XAA
10.350	Buenos Aires, Arg.	L S X	11.840	Manila, P. I.	KZ-RW
10.370	S. C. de Tenerife	★EAJ-43	11.840	Lisbon, Portugal	CSW-4
10.600	Belize, Br. Hond.	ZIK-2	11.840	Trujillo, Peru	OAX2A
10.660	Tokio, Japan	J V N	11.845	Paris, France	TPB-8
10.740	Tokio, Japan	J V M	11.850	Santiago de Chile	★CB-1185
11.000	Bandoeng, Java	P L P	11.855	Zeesen, Germany	D J P
11.040	Lisbon, Portugal	CSW-2	11.860	Daventry, England	G S E
11.402	Geneva, Switzerland	★H B O	11.865	Berne, Switzerland	
11.535	Warsaw, Poland	★S P D	11.870	Pittsburgh, Pa.	W8-XK
11.676	Rome, Italy	I Q Y	11.870	Cincinnati, Ohio	W8XAL
11.691	Hankow, China	X T J	11.875	Praha, Czech.	OLR4C
11.695	Montevideo, Uruguay	CXA-19	11.880	Melbourne, Austr.	V L R
11.700	Panama City	★HP-5A	11.885	Paris, France	TPA-3

0-9.65-

✓

R7

Dial	Location	Call	Dial	Location	Call
11.885	Paris, France	TPB-7	15.295	Paris, France	TPB-4
11.900	Praha, Czech.	OLR4D	15.300	La Paz, Bolivia	C P 7
11.900	Mexico City	XE-W1	15.300	Rome, Italy	12RO-5
11.900	Valdivia, Chile	CD-1190	15.305	Berne, Switzerland	
11.920	San Jose, Costa Rica	★TI-2XD	15.310	Daventry, England	G S P
11.960	Trujillo City, D. R.	HI-2X	15.320	Praha, Czech.	OLR5B
0-12 253	11.980 Santiago de Chile	CB-1180	15.330	Schenectady, N. Y.	W2XAD
11.991	Vitoria, Spain	R R 6	15.340	Zeesen, Germany	D J R
12.000	Moscow, U.S.S.R.	R N E	15.370	Budapest, Hungary	HAS-3
12.235	Reykjavik, Iceland	T F J	17.640	Paramaribo, Surinam	P Z F
12.460	Quito, Ecuador	HC-JB	17.750	Skamlebaek, Denmark	O Z I
13.635	Warsaw, Poland	★S P W	17.755	Hong Kong	ZBW-5
14.004	Tetuan, Sp. Morocco	EA9AH	17.760	Zeesen, Germany	D J E
14.535	Geneva, Switzerland	★H B J	17.760	New York City	W2-XE
14.935	Rio de Janeiro	★P S E	17.770	Wellington, N. Z.	ZLT-5
15.040	Moscow, U.S.S.R.	R K I	17.770	Huizen, Holland	PHI-2
15.080	Moscow, U.S.S.R.	R A N	17.780	Paris, France	TPB-2
15.110	Zeesen, Germany	D J L	17.780	Bound Brook, N. J.	W3-XL
15.120	Moydrum, Eire		17.785	Tokio, Japan	J Z L
15.121	Vatican City	H V J	17.790	Daventry, England	G S G
TUES	15.121 Warsaw, Poland	★SP-19	17.800	Guatemala City	TG-WA
15.130	Boston, Mass.	WIXAL	17.810	Paris, France	TPB-3
15.130	Paris, France	TPB-6	17.815	Zeesen, Germany	D J G
15.140	Daventry, England	G S F	17.820	Rome, Italy	12RO-6
15.150	Bandoeng, Java	Y D C	17.830	Buenos Aires, Arg.	LRA-5
✓	15.155 Stockholm, Sweden	SM5SX	17.840	Moydrum, Eire	
15.160	Tokio, Japan	J Z K	17.840	Vatican City	H V J
15.160	Delhi, India	VUD-3	17.845	Zeesen, Germany	D J H
15.160	Mexico City	XE-WW	18.450	Geneva, Switzerland	★H B F
15.160	Praha, Czech.	OLR5C	18.480	Geneva, Switzerland	★H B H
15.165	Skamlebaek, Denmark	O Z H	19.020	Bangkok, Siam	HS6PJ
15.170	Guatemala City	TG-WA	21.080	Rio de Janeiro	★P S A
15.180	Daventry, England	G S O	21.440	Zeesen, Germany	J Z S
15.182	Moscow, U.S.S.R.	RV-96	21.450	Praha, Czech.	OLR6A
15.190	Rome, Italy		21.450	Zeesen, Germany	D J S
15.190	Hong Kong	ZBW-4	21.460	Boston, Mass.	WIXAL
15.195	Ankara, Turkey	T A Q	21.470	Daventry, England	G S H
15.200	Zeesen, Germany	D J B	21.480	Huizen, Holland	PHI-3
15.210	Pittsburgh, Pa.	W8-XK	21.490	Paris, France	TPB-1
15.220	Hilversum, Holland	PCJ-2	21.500	Schenectady, N. Y.	W2XAD
15.230	Praha, Czech.	OLR5A	21.515	New York City	W2-XE
15.240	Paris, France	TPB-5	21.520	Tokio, Japan	J Z M
15.243	Paris, France	TPA-2	21.520	Philadelphia, Pa.	W3XAU
15.250	Boston, Mass.	WIXAL	21.530	Daventry, England	G S J
15.260	Daventry, England	G S I	21.540	Pittsburgh, Pa.	W8XK
15.270	Moscow, U.S.S.R.	RV-56	21.550	Daventry, England	G S T
15.270	New York City	W2-XE	21.565	Zeesen, Germany	D J I
15.270	Cincinnati, Ohio	W8XAL	21.570	New York City	W2-XE
15.280	Zeesen, Germany	D J Q	21.630	Bound Brook, N. J.	W3XAL
15.280	Wellington, N. Z.	ZTL-4	21.640	Zeesen, Germany	D J K
15.280	Trujillo City, D. R.	HI-3X	25.725	Newtown Square, Pa.	W3XAU
15.290	Buenos Aires, Arg.	★L R U	25.800	Wellington, N. Z.	ZTL-6



DELUXE CONSOLE



TABLE MODEL

*(Available in Black, Silver or Grey Finish)*

**A  
PROFESSIONAL  
RECEIVER  
for  
THE TRUE DX'er**

**PR-15**

**THE RECEIVER THAT HAS EVERYTHING!**

- ★ 2 Stages of RF all Bands.
- ★ Iron Core IF's.
- ★ Automatic Noise Silencer.
- ★ Series-Parallel band - pass type Crystal to give you the *Last Word* in Selectivity.
- ★ Hi-Fidelity Control for Real Tone.
- ★ Dual Tone Control.
- ★ Unsurpassed DX Reception.
- ★ Professional Metal Case Table Model available to those who may not desire the Console.
- ★ If you can't hear them on a PR-15, they *can't* be heard!

*Send for Descriptive Folder*

**PIERSON-DeLANE, Inc.**

2345-47 W. WASHINGTON BLVD.  
LOS ANGELES CALIFORNIA

10 CENTS

NOVEMBER

# SHORT WAVE REPORTER



OFFICIAL DATA AND FREQUENCIES  
TUNING TIPS  
IDENTIFICATION AIDS  
NEW STATIONS AND STATION NEWS

★

★

## STATION DATA

Instead of a portion monthly of the data on the Short Wave Broadcast Stations of the World, it is believed more convenient periodically to publish this data in its entirety under a single cover. In the past, a third of this section has been presented monthly—complete in three issues—with the resultant revision thrice yearly. The September and October REPORTERS contained this information complete. To the end that new subscribers may have this data complete, copies of those issues will be furnished them free while they last. There should be no immediate need to reprint all or part of this same information. Pending the advent of the semi-annual "super colossal" edition, smaller intermediate issues will be devoted exclusively to changes, additions and station news in general.

## VERI FOTOS

Veries that bear pictures—and many do—require screening, an expensive process. The insertion of four pages of veri fotos would add 2½c or more to the cost of each book. This expense would be unwarranted unless at least 250 new subscribers were interested in this feature alone. There the matter stands. Get the members for the QRC and you shall have the pictures.

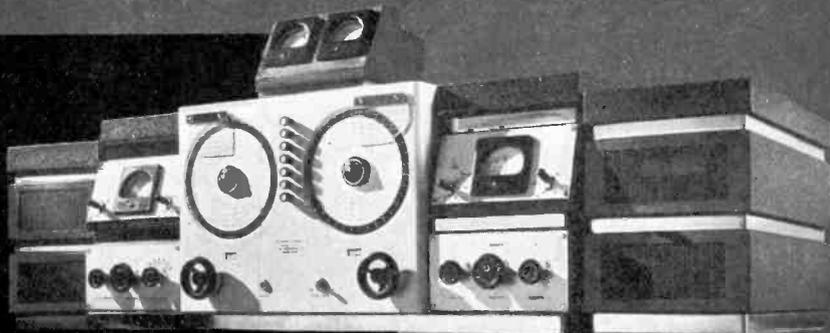
## QRC REPLY VOUCHERS

It is well known that in a number of countries International Reply Coupons are of little or no value. Their use is not only wasteful, but they afford no assurance of a reply. On the other hand, QRC Reply Vouchers costing 11c each (plus 3c postage on the lot purchased) yield the stations of any country 10c net. It is recommended, however, that they be sent only to those stations that have given the QRC advance assurance they will unfailingly be honored. These stations are indicated in the REPORTER by a star (★) and include among others HIN, HIZ, HRN, TIEP. Each and every Star Station verifies DIRECT if requests are accompanied by QRC Reply Vouchers. Failure of any so to do should be brought to the attention of the QRC.

## STATION SELECTOR

Reasons which prompted the transfer of schedules to the Station Data section were several: Nine pages proved too few for a complete station list, the excess having each month to be weeded out. Failure of stations to adhere to announced schedules rendered these of doubtful value. Certainly they were not worth the space required to list them in duplicate. A more nearly perfect station list was believed of greater value.

# WHY DIVERSITY RECEPTION?



## WHAT THE SKYRIDER DIVERSITY DOES FOR AMATEUR RECEPTION!

All amateurs are more or less familiar with the principles of Diversity Reception. The idea of using two or more receivers, with individual antennae for the reception of short wave signals is not new. Receiving stations built by the commercial radio companies to operate on this principle have been phenomenally successful in the reduction of fading and improvement in the quality of reception.

However, Diversity Reception as practiced commercially, where each receiver is individually tuned, the second detector outputs being tied together across a common load, and the signals combined after rectification, is not practical for amateur communications work, where ease and rapidity of tuning to a number of signals is essential.

The SKYRIDER DIVERSITY is the result of several years of intensive experimental work, directed toward one object—the development of a means to provide the highly desirable advantages of Diversity Reception for the amateur in practical and easily operable form. It is the first receiving system to offer these advantages with a single tuning control—entirely practical for amateur operation,—and consists of two complete r.f., i.f. and second detector circuits with a common r.f. heterodyne oscillator, common AVC and one audio amplifier.

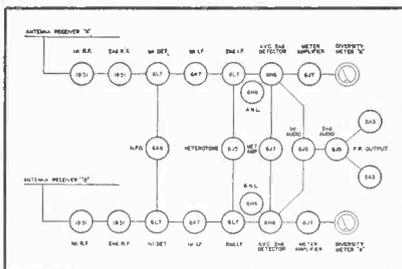
The principle advantages of Diversity Reception as offered by the SKYRIDER DIVERSITY are as follows:

1. Reduction of fading to negligible proportions.
2. An increase of Signal Strength over any single receiver.
3. Improvement of Signal-to-Noise ratio over any single receiver.
4. Reduction of Heterodyne Beat Note Interference.

The Diversity action of the SKYRIDER DIVERSITY is clearly demonstrated by the two diversity meters, which indicate the fading effect in the two separate circuits. Under normal conditions in long-distance, high-frequency reception, they will rise and fall from zero to plus 9, rather rapidly, but will seldom rise or fall in unison. In fact, they give the illusion of being oppositely geared together—as one falls the other rises and vice versa. Meanwhile the signal level meter on the main panel, reading the combined signal strength from both antennae, shows that the resultant output of both receivers remains practically stationary and indicates the improvement effected by the Dual Diversity System.

While it has been generally understood that proper diversity action could be obtained only with widely separated antennae, experience has proved the contrary. Fair Diversity action can be obtained with paralleled antennae separated as little as 10 feet, although it is desirable, where circumstances require antennae in such close proximity, to have them at right angles to one another or in different planes, as one horizontal and the other vertical.

It is with a real sense of achievement that the Hallicrafters offer Diversity Reception to the amateur with the SKYRIDER DIVERSITY. For a more complete discussion write for reprint of QST articles by J. L. A. McLaughlin and Karl W. Miles on Diversity Reception.



TUBE LAYOUT OF SKYRIDER DIVERSITY!

# the hallicrafters, inc.

2611 INDIANA AVE., CHICAGO, U.S.A.  
Cable Address, "HALLICRAFT" Chicago

"World's Largest  
Builders of Amateur  
Communications Equipment"

# Short Wave Reporter



## HEAR VALPARAISO!

A new station with a strong clear signal—when not interfered with by COCQ—is CB-970 "La Voz de Chile para toda America" on an announced frequency of 9,700 kc (actually on the high frequency fringe of COCQ) alternately relaying CB-76 of Valparaiso or CB-78 of Santiago, both belonging to "Radio Cooperativa Vitalicia" (Mutual Life). The Valparaiso address is calle Lira 543, while the Santiago address is calle Agustinas 1253.

When active, they may be heard at 10 p. m. EST relaying a 15 minute news period introduced and concluded by a bugle call. Musical programs usually follow from the Embassy Night Club with sign-off at 11:30 p. m. EST with a medley march, which terminates in "Land of Hope and Glory." They thank listeners and announce their return to the air at 8:30 the next morning.

CB-93 Radio Hucke, with studios at Av. Bernardo O'Higgins 924, Santiago, Chile, is being relayed on 11.742 by a station heard often mentioning "Radio Service," but COCX prevents logging them satisfactorily. When the latter takes a holiday, possibly December 7, the channel may be clear.

## VERIFICATIONS

A word to the wise: As penalty for operating off its assigned frequency, a station may lose its license. Naturally no station cares to admit itself at fault as it would do in verifying that it had been off frequency. If you want a verification, report the station's official frequency—announced or assigned—these being the frequencies listed by the QRC. Never use the split frequencies of any so-called Frequency Checking Bureau for they are neither accurate nor official.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by Quixote Radio Club, Box 772, Santa Barbara, California.

10 Cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1938 by E. J. Shields, Chots.

Advertising accepted of reputable firms only. Rates on application.

**AUSTRALIA**

VLR Melbourne on 11.880 until midnight PST. At 12:15 a. m. PST they switch to 9.580 and request reports.—QRC 1116 B. C.

**B. W. I.**

Director R. D. Stewart of Station ZIZ (formerly VP2LO) St. Kitts, kindly advises of the new call and adds: "We are prepared to give a special broadcast for SWL members of the QRC. The transmitter is now an established one, and is in regular service."

Members who wish to log this station will please suggest the most convenient day of the week and hour for a special program to be dedicated to them. As a reciprocal courtesy, your reception should be reported to the station even though verification be not desired. This is a voluntary courtesy on the part of the station for it is not the policy of the QRC to solicit the dedication of special broadcasts.

**DOMINICAN REPUBLIC**

According to the best obtainable information, stations HI5G and HI6H are amateurs, the former relaying an occasional ball game or special event, but neither operates regularly as a commercial broadcaster. These stations are being deleted from our list.

**BURMA**

Rangoon is being heard well from sunrise until about 6:50 a. m. PST when fading sets in. Tijuana harmonics are also in evidence at times toward sign-off at 7 a. m. PST, about the only time an announcement is certain to be made. It is then 9:30 p. m. Burma Time, and with the information that it is the Government Experimental Station at Rangoon operating simulanteously on 6.007 (49.94) and a longer wave, they take leave until 9 a. m. Burma Time. Announcements are exceptionally clear but the identity of the station seldom given during programs. "Good Save the King" ends the transmission.

**DENMARK**

Success may now attend the efforts of West Coast listeners to log Denmark if they delve between GSB and W2XAF at sundown, there to find OZF 9.520 mc with 6 kw power from 5 till 6:30 p. m. PST for South America and Eastern Asia, and 6:30 till 8 p. m. PST for North America. Through courtesy of QRC 1429 Cal., this information is supplied from a verification of such reception.

The station adds that OZH 15.165 transmits Sundays only from about 8 a. m. till about 1:45 p. m. EST.

---

CFVP "The Voice of the Prairies," Calgary (Strathmore) Alberta, Canada, (ex VE9CA) 6.030 relays CFCN 10 kw. "The Voice of the Prairies, Limited," Owners. Studios: Toronto General Trusts Building.

CKFX "The Short-Wave Voice of British Columbia," North Vancouver, 30 watts input, 6.080. (i) 4 notes on gong. Bert Porter, Announcer. Verifies by card for reply postage. Studios: 339 Eighth Street, East.

6.080 CKFX

10-11

1 1/2 ----- 8 1/2 10 1/2 --- 12

6 --- 8

S

MTWTFS

## COLOMBIA

In advising the QRC of change in call letters, etc., of "La Voz de Cucuta" HJ2BAC 4.815, Manager J. Alejandro Sanchez C. courteously adds, "This Station is constructed in accordance with modern technique and operates daily in Cucuta, the first and most beautiful land port in Colombia."

## CHINA

By letter of verification to QRC 1379 Cal., Station XTJ Hankow 11.691 kc supplies the following official information: "The Voice of China" program is broadcast twice daily: 1 p. m. and 8 p. m. Central China Time (12 midnight and 7 a. m. EST). The afternoon program is entirely in English, while the evening program is in five different languages: Chinese, Japanese, English, French and German. XTJ is the only broadcast station in China which can be heard by listeners abroad. Suggestions for its improvement are desired. China Information Committee, P. O. Box 90,

## NICARAGUA

Dennis E. Gallo, Owner & Operator of Station YN3DG at Leon, courteously advises by air mail of the use of a new non-directional doublet antenna for their commercial programs on a frequency of 7,128 kc. This antenna is said to give better results than the former four half-wave in phase directional antenna, although this serves well for amateur contacts on 14.256 and 28.512 mc. Listeners' reports are desired and, when accompanied by QRC Reply Vouchers, will be verified.

"Radio Nicaraguense" of Managua, Nicaragua, 6,765 kc is a new station—not YNLF as some have supposed—the call being YNRS. Their signal is well modulated and they have reports of excellent reception in New York. Pacific listeners will find them best at 7 p. m. PST with a slight fade setting in later. Incidentally announcements are in Spanish and German, at least Fridays.

★HJ1ABG "Emisora Atlantico," Barranquilla (Plant: Barrio Olaya Herrera) 1 kw 6,042.3 relays HJ1ABH 1,080 kc (o) "Himno Nacional" & "Los Cadetes." (i) At 20 minute intervals, Gong followed by Station Identification in Spanish, English and French. (s) "Los Cadetes" & "Himno Nacional." Juan Francisco Soto, Rogelio Camacho, Felix Acosta, Sra. Valentino, Julio Balderama, Announcers. M. A. Blanco, Agent. Andres G. Jimeno, Technician. Alex Blanco S., Manager & Director. Emisora Atlantico, Ltd., Owners. Studios: Paseo Bolivar. Apartado Aereo 174. Apartado Nacional 674.

6.042 HJ1ABG	10-----9	S
	10-----11	MTWTFSS
	10-----1	S

★HJ2BAC "La Voz de Cucuta," Cucuta, Depto. Norte de Santander, 1 kw 4.815 relays HJ2BAB 500 w 1,270 kc (s) "The Song Is Ended" organ solo by Jesse Crawford. (i) "Columna Militar," March. Ernesto Ruan Duran and Luis Eduardo Armas Mendez, Announcers. J. Alejandro Sanchez Cuadros Manager & Technician. Dr. Pompilio Sanchez C., Owner. Studios: Calle 13, Carreras 5a. y 6a.

4.815 HJ2BAC	10-----1	6-----10	SMTWTFSS
--------------	----------	----------	----------

**HAITI**

With the advent of fall weather, Members report improved reception on the 49 meter band. Of particular interest is a special half-hour program in English, beginning nightly at 9 p. m. EST, over station HH2S near 5,960 kc. Intended primarily for Jamaica, reports are invited and, when referring to this program, should be addressed the West Indies Broadcasting Co., Station HH2S, Port-au-Prince, Haiti, W. I. Members describe the program as concluding with the wish "Good night and pleasant dreams... good night," followed by the British National Anthem. This program is then followed by the usual HH2S program material.—QRC 1211 Kans.

**MEXICO**

The power of station XEWI Mexico City 11.900 having recently been increased to 400 watts, reception reports are desired from listeners everywhere. Art Director Francisco C. Alvarado most courteously offers the dedication to Members of the QRC of a two-hour program of songs and music truly Mexican and international as well, provided only that the Members indicate the day and hour most convenient for them

to listen. Courtesy dictates that those shown this singular honor should reciprocate by reporting to the station their reception of this special program. Those willing to reciprocate will please say "Aye!" and, by postal to the QRC, suggest a convenient hour and day of the week so that definite arrangements may be made with Station XEWI.

**SOUTH AFRICA**

Irregularly a station, believed in a weak moment to have announced "Durban calling," but who otherwise keeps its identity a deep dark secret during those hours announcements might be intelligible on the Pacific Coast, operates near 9.720 on the high frequency side of COCQ. The latter often slops over. With a stronger signal, ZRK Klipheuvell 9,606 (actually 9,620) observes a similar schedule, both leaving the air near 8:45 a. m. PST, but not simultaneously nor do they carry the same program. Peak signal is near 7:30 a. m. PST, after which it declines until noise prevails at sign-off.

Apparently a number of Colombian shortwave broadcast stations have been assigned new calls which we expect to catalog in due course.

★HJ3CAH "La Voz de la Victor," Bogota 1 kw 4.895 relays HJ3CAI 2.5 kw 1,160 kc (o) "Serenade from Student Prince in Heidelberg," organ. (i) 3 chimes. (s) "Russian Lullaby," organ. Rafael Valencia Aguirre, Announcer. Cesar Estevez Leon, Technician. Jesus Maria Garcia, Director. Manuel J. Gaitan, Owner. Studios: Edificio Lievano No. 112. Aparatado 565. 11-----2 5-----11 SMTWTFS

★HJ6FAH "La Voz de Armenia," Armenia, Caldas, 1 kw 4.875 (s) "Soldadito Espanol," pasodoble. Juan C. Gutierrez, Technician. German Hoyos Giraldo Manager. Aristizabal, Hoyos y Gutierrez, Owners. 8---10½ 6-----10½ MTWTFSS 4.875 HJ6FAH 6-----10 S

0 8 - 9,52  
 ↓

## QUIXOTE RADIO CLUB

### MALAYA

For several weeks past, ZHP for Progress 9.690 has been silent, the British Malaya Broadcasting Corp. Ltd. having substituted ZHO for Ocean on a new frequency of 6.175. About October 15 ZHO also lapsed into silence. Signal had been clear and strong on the Pacific from sunrise until sign-off at 6:40 a. m. PST, or moments later. Pending the printing of cards, verification is by letter. October 17 ZHP resumed with inferior signal.

For observation: Before retiring, tune in W8XAL Cincinnati 6.060 "on the nose" leaving the dial undisturbed until just before 5:40 a. m. PST. Switch on your radio and—what have you? Probably static, but the Prof. is hearing a station that barely emerges from the mud at 5:30 a. m. PST and abruptly leaves the air ten minutes later. At 5:40 bells chime the hour, the station is identified as that of the Malayan Radio Society "on 49 point 5 meters." A cheery "Good night, everybody, good night," a brief

stanza of "God Save the King" and pop goes the switch. The mystery is complicated by the fact that ZGE Kuala Lumpur of the Malayan Amateur Radio Society is reported by listeners on 6.230, although it is said operation may soon be discontinued for reasons of economy.

### JAPAN

Although not appearing in Tokio's published schedule, station JVP 7.510 kc is heard with a tremendous signal simultaneously with JZI 11.800 from 5 till 6:30 a. m. PST.—QRC 1116 B. C.

### JAVA

Station YDA 6.040 mc with studios at Batavia and transmitter at Tandjong Priok, is occasionally being heard mornings on the West Coast with a very good signal. Best between 5:30 and 6:30 a. m. PST, with sign off an hour later. Stations of the NIROM chain identify themselves at the conclusion of the day's broadcast with a few measures of "The End of a Perfect Day" followed by the Netherlands National Anthem.—QRC 1116 B. C.

★HJ7GAB "Radio Santander," Bucaramanga 750 w 4.775 relays Xylophone and Cuckoo. (s) "Kiss Me Again," organ solo. Hernan Tamayo, Julio C. Garcia and Guillermo Rossi, Announcers. Eduardo Moreno, Technician. Felix M. Antolinez, Director. Francisco A. Bueno, Owner & Manager. "Santander Broadcasting," Operators. Studios: Calle 5, Carrera 12. P. O. Box 37. Airmail Box 3.

4.775 HJ7GAB 11-----1 5½-----10½ SMTWTFS

XEWI "My Voice to the World from Mexico," Mexico City 400 w 11.900 (s) "May Angels Guard Thee." (i) 2 Gong Strokes. Francisco C. Alvarado and Guillermo Leguizamo, Announcers. Manuel Gonzalez E., Technician. Francisco C. Alvarado, Art Director. Luciano Gonzalez Burns, Manager. The World Institute of Impersonal Life, Owner. Studios: 3a Calle de Mina 56. Apartado 2874.

11.900 XEWI 12½--2 9-----12 S M W F S  
 7½-----12 T T

**SWITZERLAND**

By letter of verification to QRC 1462 Eng., the Swiss Telegraphic Service at Berne, with transmitters at Schwarzenburg, advises of test transmissions with no call letters used on the following frequencies: 9,535, 15,305 and 11,865 kc. Subsequently QRC 1062 Ohio reports: The new Swiss national short wave transmitter at Schwarzenburg is now testing every week-day on 9,535 kc, power to be gradually increased. Send reports to Schweizerische Rundspruch-Gesellschaft, 30, Neuen-gasse, Berne.

Letters to QRC 8 and 252 Mass. give schedule of tests 1 till 2 p. m. 6:45 till 7:45 p. m. and 8 till 9 p. m. EST on 9.535 daily excepting Sunday nights. Address: Division des Telegraphes et des Telephones, Section telegraphie et radio, Direction Generale des Postes, Tele-graphes et Telephones, Bern, Speicher-gasse 6, Switzerland.

**TURKEY**

"I think I can now definitely assure you that Turkey is on approx. 15.195 kcs—heard here (B. C.) fair this last Sunday from 11.33 a. m. (or earlier) until 12:47 p. m. PST (or later) and it is definitely Ankara. They announce, according to my observation, in English, German,

French and perhaps other languages, but I'm sure of these three. They are also giving their Post Office Box number very very often—in fact, so often in repetition that I got all mixed up. Finally I took a chance and sent them an hour's report addressing it to Radio Turkey, P. O. Box 6776 or 6766 (?), Ankara, and hope it gets to the right place."—QRC 1116 B. C.

"Ankara calling . . . Turkish Gov-ernment station on 31.70 m 9,465 kc testing . . . Will officially open on 29th October in celebration of . . . anniversary. Frequencies to be an-nounced later." Announcements in French, English, German and Turk-ish with no call letters used. Leaves the air at 4:00 p. m. EST.—QRC 8 Mass.

Moscow also reported till 4 p. m. EST on 9.520 kc. A mystery sta-tion on 9,525 between Moscow and W2XAF from 3 till 5:30 p. m. EST uses French but no English. Who can identify? Listener asks if this Addis Abeba or Lahti, the latter no longer being heard on 9,500 kc.

A new Khabarovsk station near 6.740 kc heard in B. C. with tre-mendous signal from 2 a. m. to 4 a. m. and later, relaying RV-15 of 4.270. According to announcement, call is RFN.—QRC 1116 B. C.

\*YN3DG Station "Gilfillan," Leon, Nicaragua, 200 watts input 7,128 (s) Military March. (i) Y Yesterday, N Nevada, No. 3, D Denver, G Germany. Dennis E. Gallo, Owner & Operator.

7.128 YN3DG 11-12 2-2½ 8-10<sup>S</sup> MTWTFSS

YV5RR "Estudios Universo," Caracas 5 kw 5.835 relays YV5RS 5 kw 1,320 kc (s) None. (i) None. Gerardo Siblesz, Technician. Mario Garcia Arvelia, Director. Studios: Avenida Carabobo, El Paraiso. Apar-tado 185.

5.835 YV5RR 7-8 11-1 4-10½ SMTWTFSS

OUR GARDEN

A verification card received within two months from EAR Madrid portrays aviator in cockpit of plane firing on enemy planes. The correct postal address of EAR is P. O. Box 782, Madrid.—Alfred Sutlick, QRC 1445 Kans.

I like fotos of veri cards, but those of members could just as well be omitted. Stories and pictures of broadcasting studios in foreign countries which I have verified also interest me.—W. A. Mahoney, QRC 1043 Ohio.

The Station Data is most helpful; however, I liked the schedule separately instead of together with data. And I hope the fotos of veries may be continued.—G. T. Beyer, QRC 1186 Ill.

It may be hard to believe but I haven't yet been able to find a radio service man near my home who claims to know anything about fixing my RME receiver. — John O'Leary, QRC 1378 N. Y.

Am having new SWL cards printed and will swap 100 pc with anyone here or abroad.—QRC 1458, George F. Del Grande, 29 Storms Av., Jersey City, N. J.

I QSL 100 pc to anyone in this Club. And anyone interested in a foto of my station need only request it.—QRC 1463, Herman Ruppert, 226 East 81st St., New York City.

Made all preparations for a "night session" over Saturday eve but had tough luck—fell asleep at 3 a. m. and at 7 when I awakened the show was over.—H. Orlaw, QRC 1116 B. C.

U.S.S.R.

A Vancouver Member reports "RKI (formerly near 7.540) heard here irregularly from 10 p. m. till 12:55 a. m. PST, but near 7,366 kcs although they announce '40' meters." From Massachusetts reception at 3 p. m. EST is reported of Moscow on double this frequency, or 14.720. Both stations are being listed sans call pending official advice.

★ZIZ "The Mother Colony of the West Indies," St. Kitts (Basseterre) B.W.I. 500 watts conservatively rated, 6,384. (To change shortly. Notice will be given.) (o) "Rule Britannia." (s) "God Save the King." R. D. Stewart, Director. Caribbean Broadcasting Service (Subsidiary of ICA Radio Sales & Service) Owners. Studios: Ryan Building. P. O. Box 88. 6.384 ZIZ

4-43 718 SMTWTF<sup>w</sup>S

W1XAL "Dedicated to Enlightenment," Boston, Mass. 20 kw (o) Dvorak's New World Symphony. (i) English, Spanish, French, Portuguese. (s) Star Spangled Banner. Louise Ryerson, James C. Dewar, David Hellyer, John Watson, John Dean, Loring Andrews, Announcers. Hollis Baird, Chief Technician; William Flanders, Controls; George Heinkley, Asst. Chief Tech. Loring Andrews, Program Director. F. Faulkner, Departmental Coordinator. C. David Hellyer, Listener Relations. Walter S. Lemmon, Founder & President. Studios: University Club.

15.130 W1XAL		21.460 W1XAL	
15.250 W1XAL	2-3½		MTWTF
11.790 W1XAL		5-6½	MTWTF
6.040 W1XAL		7-9	MTWTF
11.730 W1XAL		9½-11	MTWTF

SUPPLEMENTARY SCHEDULES

9.520 OZF	For South America and Eastern Asia:		8-9 $\frac{1}{2}$	SMTWTFSS
	For North America:		9 $\frac{1}{2}$ ---11	SMTWTFSS
9.535 Berne	1-2	6 $\frac{1}{2}$ 7 $\frac{1}{2}$ 8-9		MTWTFSS
9.670 W3XAL		6-----10		SMTWTFSS
9.690 LRA-1		6-----9		MTWTF
	4-5	7---9		S
15.165 OZH	8-----1 $\frac{1}{2}$			S
15.121 HVJ		1-1 $\frac{1}{2}$		S
17.810 TPB-3	9 $\frac{1}{2}$ ---11 $\frac{1}{2}$			SMTWTFSS

STATION SELECTOR

Dial	Location	Call	Dial	Location	Call
3.040	Batavia, Java	Y D A	5.930	Willemstad, Curacao	PJC-1
3.490	L. Marques, P.E.A.	CR7AA	5.930	Maracaibo, Ven.	★YV1RL
3.750	Addis Abeba, Ethiopia		5.940	Guatemala City	TG-2X
4.107	Quito, Ecuador	HC-JB	5.970	Caracas, Venezuela	★YV5RC
4.245	Khabarovsk, U.S.S.R.	RV-15	5.977	Lisbon, Portugal	CS2WD
4.600	Guayaquil, Ecuador	HC2ET	5.990	Huancayo, Peru	OAX4P
4.740	Ibague, Colombia	HJ6ABC	6.000	Montevideo, Uruguay	CXA-2
4.775	Bucaramanga, Col.	★HJ7GAB	6.000	Quibdo, Colombia	HJ1ABC
4.780	Barranquilla, Col.	HJ1ABB	6.000	Tananarive, Madagascar	FI-QA
4.800	Cartagena, Colombia	HJ1ABE	6.000	Moscow, U.S.S.R.	RV-59
4.815	Cucuta, Colombia	★HJ2BAC	6.000	Mexico City	XE-BT
4.841	Bogota, Colombia	★HJ3ABD	6.005	Montreal, Quebec	CF-CX
4.865	Santa Marta, Col.	HJ2ABJ	6.005	Colon, Panama	★HP-5K
4.875	Armenia, Colombia	★HJ6FAH	6.005	Drummondville, Que.	VE9DN
4.880	Calcutta, India	VUC-2	6.007	Rangoon, Burma	X Y O
4.885	Medellin, Colombia	★HJ4ABP	6.007	Roberts Heights, S. Af.	Z R H
4.895	Bogota, Colombia	★HJ3CAH	6.007	Maraisburg, S. Africa	Z R J
4.905	Bombay, India	VUB-2	6.010	Praha, Czech.	OLR2A
4.950	Madras, India	VUM-2	6.010	Sydney, Nova Scotia	CJ-CX
4.995	Delhi, India	VUD-2	6.010	M/V KANIMBLA	VK9MI
5.138	Bandoeng, Java	P M Y	6.010	Recife, Brazil	★PRA-8
5.145	Praha, Czech.	OK1MPT	6.010	Habana, Cuba	CO-CO
5.500	San Ramon, C. R.	TI-5HH	6.015	Bogota, Colombia	★HJ3ABX
5.713	Guatemala City	T G S	6.015	Santiago, D. R.	★HI-3U
5.725	Quito, Ecuador	★HC1PM	6.020	Zeesen, Germany	D J C
5.745	San Cristobal, Ven.	★YV2RA	6.020	Veracruz, Mexico	★XE-UW
5.758	Managua, Nicaragua	YN-OP	6.024	Villarrica, Paraguay	★ZP-14
5.800	Salisbury, Rhodesia	Z E C	6.030	Praha, Czech	OLR2B
5.830	San Jose, Costa Rica	TI-GPH	6.030	Panama City	★HP-5B
5.830	San Jose, Costa Rica	TIXGP3	6.030	Vatican City	H V J
5.835	Caracas, Venezuela	YV5RR	6.030	Calgary, Alberta	CF-VP
5.850	Maracaibo, Ven.	★YV1RB	6.040	Boston, Mass.	W1XAL
5.865	San Pedro, D. R.	HI-1J	6.040	Miami, Fla.	W4-XB
5.875	Tegucigalpa, Hond.	★H R N	6.040	Paris, France	TPB-16
5.880	Barquisimeto, Ven.	YV3RB	6.040	Batavia, Java	Y D A
5.885	Quito, Ecuador	H C K	6.042	Barranquilla, Col.	★HJ1ABG
5.900	Mafeking, S. Africa	Z N B	6.045	Tampico, Mexico	XE-TW
5.905	San Jose, Costa Rica	TI-LS	6.050	Daventry, England	G S A
5.915	Port-au-Prince, Haiti	IHH-2S	6.050	Colon, Panama	HP-5F

506-605

Dial	Location	Call	Dial	Location	Call
6.054	Pereira, Colombia	HJ6ABA	6.190	Guatemala City	T G 2
6.060	Philadelphia, Pa.	W3XAU	6.206	Trujillo City, D. R.	★HI-8Q
6.060	Cincinnati, Ohio	W8XAL	6.210	Saigon, Fr. I. C.	Boy-Landry
6.065	Motala, Sweden	S B O	6.210	Coro, Venezuela	YVIRI
6.070	Toronto, Ontario	CF-RX	6.225	Valera, Venezuela	★YVIRG
6.070	Bogota, Colombia	HJ3ABF	6.230	Lima, Peru	★OAX4G
6.072	Zeesen, Germany	D J Y	6.235	La Ceiba, Honduras	H R D
6.075	Guadalajara, Mexico	★XE-CU	6.243	Trujillo City, D. R.	★H I N
6.079	Zeesen, Germany	D J M	6.250	Caracas, Venezuela	★YV5RJ
6.080	Penang, Malaya	Z H J	6.270	Caracas, Venezuela	YV5RP
6.080	North Vancouver, B.C.	CK-FX	6.280	Trujillo City, D. R.	★H I G
6.080	Maracaibo, Venezuela	YVIRD	6.280	Sancti-Spiritus, Cuba	CO-HB
6.080	Chicago, Ill.	W9XAA	6.300	Maracay, Venezuela	YV4RD
6.082	Lima, Peru	OAX4Z	6.316	Trujillo City, D. R.	★H I Z
6.082	Nairobi, Kenya	VQ7LO	6.330	Habana, Cuba	CO-CW
6.085	Cali, Colombia	★HJ5ABD	6.335	Chiclayo, Peru	OAXIA
6.090	Jalapa, Mexico	XE-BF	6.340	Trujillo City, D. R.	HI-1X
6.090	Paris, France	TPB-15	6.351	San Pedro Sula, Hond.	HRP-I
6.090	Hong Kong	ZBW-2	6.355	Rome, Italy	I C C
6.095	Tokio, Japan	J Z H	6.360	Maracaibo, Ven.	★YVIRH
6.097	Maraisburg, S. Africa	Z R J	6.370	Puntarenas, C. R.	TI-WS
6.097	Klipheuvell, S. Africa	Z R K	6.375	Caracas, Venezuela	YV5RF
6.100	Belgrade, Yugoslavia	Y U A	6.383	La Vega Real, D. R.	HI-8J
6.100	Chicago, Ill.	W9-XF	6.384	St. Kitts, B. W. I.	★Z1Z
6.100	Bound Brook, N. J.	W3XAL	6.400	Caracas, Venezuela	YV5RH
6.110	Manizales, Colombia	HJ4ABB	6.400	Quezaltenango, Guat.	TC-QA
6.110	Daventry, England	G S L	6.410	San Jose, Costa Rica	TI-PG
6.115	Praha, Czech.	ORL2C	6.420	Santiago, D. R.	HI-1S
6.120	New York City	W2-XE	6.420	Bolivar City, Ven.	★YV6RC
6.120	Mexico City	XE-UZ	6.450	S. F. de Macoris, D.R.	★HI-4V
6.122	Arequipa, Peru	OAX6A	6.465	Barquisimeto, Ven.	★YV3RD
6.122	Panama City	HP-5H	6.480	Santiago, D. R.	★HI-1L
6.125	Montevideo, Uruguay	CXA-4	6.490	Guatemala City	TGWB
6.130	Halifax, N. S.	VE9HX	6.500	Trujillo City, D. R.	H I L
6.130	Georgetown, B. G.	VP3BG	6.520	Valencia, Venezuela	YV4RB
6.130	Kuala Lumpur, Malaya	Z G E	6.533	Managua, Nicaragua	YN1GG
6.130	Jeloy, Norway	L K J	6.545	Bolivar City, Ven.	★YV6RB
6.130	Habana, Cuba	CO-CD	6.550	Ambato, Ecuador	HC-VT
6.137	L. Marques, P.E.A.	CR7AA	6.550	San Jose, Costa Rica	★TIRCC
6.140	Pittsburgh, Pa.	W8-XK	6.555	Trujillo City, D. R.	HI-4D
6.140	Bulawayo, Rhodesia	Z E B	6.565	Puerto Plata, D. R.	HI-5P
6.145	Medellin, Colombia	HJ4ABE	6.610	Managua, Nicaragua	★YN-LG
6.145	Paris, France	TPB-14	6.618	Riobamba, Ecuador	Prado
6.147	Durban, S. Africa	Z R D	6.630	Trujillo City, D. R.	★H I T
6.150	Winnipeg, Manitoba	CJ-RO	6.668	Guayaquil, Ecuador	★HC2RL
6.150	Moca, D. R.	★HI-5N	6.675	Santiago, D. R.	★HI-9B
6.158	Caracas, Venezuela	YV5RD	6.675	Geneva, Switzerland	H B Q
6.160	Colombo, Ceylon		6.700	San Jose, Costa Rica	★TI-EP
6.174	Mexico City	XE-XA	6.727	Bandoeng, Java	P M H
6.175	Singapore, S. S.	Z H O	6.730	La Romana, D. R.	★HI-3C
6.180	Buenos Aires, Arg.	L R A	6.740	Khabarovsk, Siberia	R F N
6.182	Santiago, D. R.	HI-1A	6.750	Tokio, Japan	J V T

Dial	Location	Call	Dial	Location	Call
6.750	Madrid Front	A Z	9.345	Geneva, Switzerland	H B L
6.765	Managua, Nicaragua	YN-RS	9.355	Quito, Ecuador	HC1ETC
6.775	S. P. de Macoris, D.R.	H I H	9.400	Guayaquil, Ecuador	HC-ODA
6.790	Paramaribo, Surinam	P Z H	9.437	Habana, Cuba	CO-CH
6.800	Trujillo City, D. R.	★HI-7P	9.440	Montevideo, Uruguay	CXA-9
6.850	Puerto Limon, C. R.	TI-OW	9.465	Ankara, Turkey	T A O
6.900	San Jose, Costa Rica	TI-RS	9.480	Ica, Peru	OAX5C
6.900	Trujillo City, D. R.	HI-2D	9.480	Madrid, Spain	E A R
7.000	Valladolid, Spain	FET-1	9.500	Lahti, Finland	O F D
7.000	San Jose, Costa Rica	TI-VL	9.500	Mexico City	XE-WW
7.050	Madrid Front	A Z	9.500	Bangkok, Siam	HS8PJ
7.100	Papeete, Tahiti	FO8AA	9.501	Rio de Janeiro	★PRF-5
7.125	Alcazarquivir	EA9BJ	9.504	Praha, Czech.	OLR3B
7.128	Leon, Nicaragua	★YN3DG	9.510	Melbourne, Australia	VK3ME
7.152	Las Palmas, C. Is.	EA8AE	9.510	Daventry, England	G S B
7.177	Lobito, P. W. A.	CR6AA	9.520	Skamlebaek, Denmark	O Z F
7.200	Managua, Nicaragua	YN-AM	9.520	Moscow, U. S. S. R.	
7.204	San Sebastián, Spain	EAJ-8	9.520	San Salvador	Y S H
7.220	Malaga, Spain		9.520	Guadalajara, Mexico	★XE-DQ
7.248	Bilbao, Spain		9.520	Paris, France	TPB-13
7.290	Zeesen, Germany	D J I	9.523	Roberts Heights, S. Af.	Z R H
7.351	Burgos, Spain	FET-5	9.525	Hong Kong	ZBW-3
7.360	Moscow, U.S.S.R.		9.530	Jeloy, Norway	L K C
7.380	Mexico City	XE-CR	9.530	Calcutta, India	VUC-2
7.400	Batavia, Java	Y D A	9.530	Schenectady, N. Y.	W2XAF 9.49
7.450	San Jose, Costa Rica	TI-2LC	9.535	Tokio, Japan	J Z I
7.500	Burgos (ex Salamanca)		9.535	Berne, Switzerland	
7.500	S.C. de Tenerife, C.Is.	★EA8AB	9.536	Suva, Fiji	VPD-2
7.510	Tokio, Japan	J V P	9.540	Zeesen, Germany	D J N
7.520	Moscow, U.S.S.R.	RKI-2	9.550	Schenectady, N. Y.	W2XAD
7.660	Managua, Nicaragua	★YN-LF	9.550	Veracruz, Mexico	★XE-FT
7.717	Jaca, Spain	EA2BH	9.550	Bombay, India	VUB-2
7.797	Geneva, Switzerland	H B P	9.550	Paris, France	TPB-11
7.854	Guayaquil, Ecuador	HC2JSB	9.550	Vatican City	H V J
7.894	San Salvador	Y S D	9.550	Soerabaya, Java	Y D B
8.465	Sofia, Bulgaria	L Z A	9.550	Praha, Czech.	OLR3A
8.580	Managua, Nicaragua	YN-PR	9.553	Addis Abeba, Ethiopia	
8.650	Medellin, Colombia	★HJ4ABU	9.560	Zeesen, Germany	D J A
8.663	Camaguey, Cuba	CO-JK	9.562	Lima, Peru	OAX4T
8.831	Quito, Ecuador	HC-JB	9.565	Barquisimeto, Ven.	YV3RC
8.935	Santiago de Cuba	CO-KG	9.570	Millis, Mass.	WI-XK
9.030	Habana, Cuba	CO-BZ	9.570	Manila, P. I.	KZ-RM
9.095	Willemstad, Curacao	PJC-2	9.580	Daventry, England	G S C ✓9.59
9.100	Habana, Cuba	CO-CA	9.580	Melbourne, Australia	V L R
9.125	Budapest, Hungary	HAT-4	9.585	Paris, France	TPB-10
9.163	Quito, Ecuador	★HC1-GQ	9.590	Cincinnati, Ohio	W8XAL
9.200	Habana, Cuba	CO-BX	9.590	Philadelphia, Pa.	W3XAU
9.280	Asuncion, Paraguay	Z P 8	9.590	Sydney, Australia	VK2ME
9.300	Trujillo City, D. R.	★H I G	9.590	Perth, Australia	VK6ME
9.300	Managua, Nicaragua	★YN-GU	9.590	Delhi, India	VUD-2
9.300	Guayaquil, Ecuador	★HC2CW	9.590	Delhi, India	VUD-3
9.330	Lima, Peru	★OAX4J	9.590	Hilversum, Holland	P C J ✓9.60

## QUIXOTE RADIO CLUB

Dial	Location	Call	Dial	Location	Call
9.595	Geneva, Switzerland	H B L	11.700	Panama City	★HP-5A
9.600	Moscow, U.S.S.R.	R A N	11.705	Motala, Sweden	S B P
9.600	Mexico City	XE-YU	11.710	Moscow, U. S. S. R.	
9.605	Panama City	HP-5J	11.710	San Salvador	Y S M
9.606	Klipheuvcl, S. Af.	Z R K	11.710	Saigon, Fr. Indo-China	
9.616	Cartagena, Colombia	HJIABP	11.710	M/V KANIMBLA	VK9MI
9.630	Bucaramanga, Col.	★HJ7ABD	11.718	L. Marques, P.E.A.	CR7BH
9.635	Rome, Italy	I2RO-3	11.718	Paris, France	TPA-4
9.636	Taihoku, Taiwan	JF-AK	11.720	Paris, France	TPB-9
9.640	Colonia, Uruguay	CXA-8	11.720	Winnipeg, Man.	CJ-RX
9.645	Port-au-Prince, Haiti	HH-3W	11.730	Buenos Aires, Arg.	L R A
9.650	Zeesen, Germany	D J W	11.730	Boston, Mass.	WIXAL
9.650	Lisbon, Portugal	CS2WA	11.730	Huizen, Holland	P H I
9.660	Buenos Aires, Arg.	★L R X	11.740	Vatican City	H V J
9.660	Managua, Nicaragua	★YN-LF	11.740	David, Panama	HP-5L
9.666	Lobito, P. W. A.	CR6AA	11.740	Habana, Cuba	CO-CX
9.670	Rome, Italy		11.740	Warsaw, Poland	★SP-25
9.670	Bound Brook, N. J.	W3XAL	11.740	Santiago de Chile	Service
9.675	Zeesen, Germany	D J X	11.745	Zeesen, Germany	D J F
9.685	Guatemala City	TG-WA	11.750	Daventry, England	G S D
9.690	Singapore, Malaya	Z H P	11.760	Guatemala City	TG-WA
9.690	Buenos Aires, Arg.	LRA-1	11.760	Praha, Czech.	OLR4B
9.690	Heredia, Costa Rica	TI-4NRH	11.760	Monterrey, Mexico	XE-TA
9.700	Fort-de-France, F.W.I.	Seri	11.770	Zeesen, Germany	D J D
9.700	Valparaiso, Chile	CB-970	11.780	Panama City	★HP-5G
9.710	Habana, Cuba	CO-CQ	11.780	Lahti, Finland	O F E
9.737	Lisbon, Portugal	C S W	11.790	Boston, Mass.	WIXAL
9.830	Rome, Italy	I R F	11.800	Zeesen, Germany	D J O
9.833	Habana, Cuba	CO-CM	11.800	Habana, Cuba	CO-GF
9.860	Madrid, Spain	E A Q	11.800	Tokio, Japan	J Z J
9.890	Sucre, Bolivia	C P I	11.801	Zeesen, Germany	D J Z
9.925	Dairen, Manchuria	J D Y	11.805	Skamlebaek, Denmark	O Z G
9.940	Lisbon, Portugal	CSW-3	11.810	Rome, Italy	I2RO-4
9.960	Habana, Cuba	CO-BC	11.820	Daventry, England	G S N
10.050	San Jose, Costa Rica	★TIEMC	11.820	Hermosillo, Mexico	XE-BR
10.220	Rio de Janeiro	★P S H	11.830	New York City	W2-XE
10.260	Bandoeng, Java	P M N	11.830	Chicago, Ill.	W9XAA
10.290	Zeesen, Germany	D Z C	11.840	Manila, P. I.	KZ-RM
10.330	Brussels, Belgium	O R K	11.840	Lisbon, Portugal	CSW-4
10.350	Buenos Aires, Arg.	L S X	11.845	Paris, France	TPB-8
10.370	S. C. de Tenerife	★EAJ-43	11.850	Santiago de Chile	★CB-1185
10.600	Belize, Br. Hond.	ZIK-2	11.855	Zeesen, Germany	D J P
10.600	Tokio, Japan	J V N	11.860	Daventry, England	G S E
10.740	Tokio, Japan	J V M	11.865	Berne, Switzerland	
11.000	Bandoeng, Java	P L P	11.870	Pittsburgh, Pa.	W8.XK
11.040	Lisbon, Portugal	CSW-2	11.870	Cincinnati, Ohio	W8XAL
11.402	Geneva, Switzerland	H B O	11.875	Praha, Czech.	OLR4C
11.535	Warsaw, Poland	★S P D	11.880	Melbourne, Austr.	V L R
11.676	Rome, Italy	I Q Y	11.885	Paris, France	TPA-3
11.691	Hankow, China	X T J	11.885	Paris, France	TPB-7
11.695	Montevideo, Uruguay	CXA-19	11.895	Panama City	★HP-5G
11.700	Santiago de Chile	★CB-1170	11.900	Praha, Czech.	OLR4D

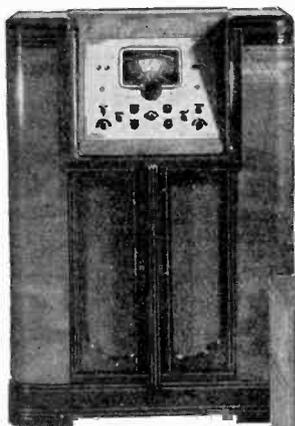
9.68-0

Dial	Location	Call	Dial	Location	Call
11.900	Mexico City	XE-W1	15.295	Paris, France	TPB-4
11.900	Valdivia, Chile	CD-1190	15.300	Soerabaia, Java	Y D B
11.920	San Jose, Costa Rica	★TI-2XD	15.300	Rome, Italy	I2RO-5
11.960	Trujillo City, D. R.	HI-2X	15.305	Berne, Switzerland	
11.980	Santiago de Chile	CB-1180	15.310	Daventry, England	G S P
11.991	Vitoria, Spain	R R 6	15.320	Praha, Czech.	OLR5B
12.000	Trujillo, Peru	R. Grande	15.330	Schenectady, N. Y.	W2XAD
12.000	Moscow, U.S.S.R.	R N E	15.340	Zeesen, Germany	D J R
12.235	Reykjavik, Iceland	T F J	15.370	Budapest, Hungary	HAS-3
12.460	Quito, Ecuador	HC-JB	15.370	Berne, Switzerland	
13.635	Warsaw, Poland	★S P W	17.640	Paramaribo, Surinam	P Z F
13.992	Tetuan, Sp. Morocco	EA9AH	17.750	Skamlebaek, Denmark	O Z I
14.115	Jaca, Spain	EA2BH	17.755	Hong Kong	ZBW-5
14.440	Malaga, Spain		17.760	Zeesen, Germany	D J E
14.535	Geneva, Switzerland	H B J	17.760	New York City	W2-XE
14.600	Tokio, Japan	J V H	17.770	Huizen, Holland	PHI-2
14.935	Rio de Janeiro	★P S E	17.780	Paris, France	TPB-2
15.040	Moscow, U.S.S.R.	R K I	17.780	Bound Brook, N. J.	W3XAL
15.080	Moscow, U.S.S.R.	R A N	17.780	Chicago, Ill.	W9XAA
15.110	Zeesen, Germany	D J L	17.785	Tokio, Japan	J Z L
15.121	Vatican City	H V J	17.790	Daventry, England	G S G
15.121	Warsaw, Poland	★SP-19	17.800	Guatemala City	TG-WA
15.130	Boston, Mass.	W1XAL	17.800	Helsinki, Finland	
15.130	Paris, France	TPB-6	17.810	Paris, France	TPB-3
15.140	Daventry, England	G S F	17.815	Zeesen, Germany	D J G
15.150	Bandoeng, Java	Y D C	17.820	Rome, Italy	I2RO-6
15.155	Stockholm, Sweden	SM5SX	17.840	Vatican City	H V J
15.160	Tokio, Japan	J Z K	17.845	Zeesen, Germany	D J H
15.160	Delhi, India <i>11-14 8:00p</i>	VUD.3	18.115	Buenos Aires, Arg.	LSY-3
15.160	Mexico City <i>11-7-38 10:15p</i>	XE-WW	18.450	Geneva, Switzerland	H B F
15.160	Praha, Czech.	OLR5C	18.480	Geneva, Switzerland	H B H
15.165	Skamlebaek, Denmark	O Z H	19.020	Bangkok, Siam	HS6PJ
15.170	Guatemala City	TG-WA	21.080	Rio de Janeiro	★P S A
15.180	Daventry, England	G S O	21.440	Zeesen, Germany	D J S
15.182	Moscow, U.S.S.R.	RV-96	21.450	Praha, Czech.	OLR6A
15.190	Rome, Italy		21.450	Zeesen, Germany	D J S
15.190	Helsinki, Finland		21.460	Boston, Mass.	W1XAL
15.190	Hong Kong	ZBW-4	21.470	Daventry, England	G S H
15.195	Ankara, Turkey	T A O	21.480	Huizen, Holland	PHI-3
15.200	Zeesen, Germany	D J B	21.490	Paris, France	TPB-1
15.210	Pittsburgh, Pa.	W8-XK	21.500	Schenectady, N. Y.	W2XAD
15.220	Hilversum, Holland	PCJ-2	21.515	New York City	W2-XE
15.230	Praha, Czech.	OLR5A	21.520	Tokio, Japan	J Z M
15.240	Paris, France	TPB-5	21.520	Philadelphia, Pa.	W3XAU
15.243	Paris, France	TPA-2	21.530	Daventry, England	G S J
15.250	Boston, Mass.	W1XAL	21.540	Pittsburgh, Pa.	W8XK
15.260	Daventry, England	G S I	21.550	Daventry, England	G S T
15.270	New York City	W2-XE	21.565	Zeesen, Germany	D J J
15.270	Cincinnati, Ohio	W8XAL	21.640	Zeesen, Germany	D J K
15.280	Zeesen, Germany	D J Q	25.850	Zeesen, Germany	D J T
15.280	Trujillo City, D. R.	HI-3X	25.950	Zeesen, Germany	D J U
15.290	Buenos Aires, Arg.	★L R U	26.450	Zeesen, Germany	D J V

---

---

**A  
PROFESSIONAL  
RECEIVER  
for  
THE TRUE DX'er**



DELUXE CONSOLE



TABLE MODEL

*(Available in Black, Silver or Grey Finish)*

**PR-15**

**THE RECEIVER THAT HAS EVERYTHING!**

- ★ 2 Stages of RF all Bands.
- ★ Iron Core IF's.
- ★ Automatic Noise Silencer.
- ★ Series-Parallel band - pass type Crystal to give you the *Last Word* in Selectivity.
- ★ Hi-Fidelity Control for Real Tone.
- ★ Dual Tone Control.
- ★ Unsurpassed DX Reception.
- ★ Professional Metal Case Table Model available to those who may not desire the Console.
- ★ If you can't hear them on a PR-15, they *can't* be heard!

*Send for Descriptive Folder*

**PIERSON-DeLANE, Inc.**

2345-47 W. WASHINGTON BLVD.

LOS ANGELES

CALIFORNIA

10 CENTS

JANUARY

# SHORT WAVE REPORTER



OFFICIAL DATA AND FREQUENCIES  
TUNING TIPS  
IDENTIFICATION AIDS  
NEW STATIONS AND STATION NEWS

★

★

## BURMA

Rangoon, Burma, 1.5 kw 6,007 kc & 100 w 3,488 kc (s) "God Save the King." Burma Standard Time is 11½ hours ahead of EST. Government of Burma, Owner. Address: The Officer-in-Charge, Burma Independent Wireless Sub-Division, Rangoon.

6.007 Rangoon  $6\frac{3}{4}$ -----10  $9\frac{1}{2}$ ---- $11\frac{1}{2}$  S  
 $9$ ----- $11\frac{1}{2}$  MTWTFSS

**Week-Days:** 6:30 a. m. EST Indian Session: Recorded Programme. 6:45 Burmese Session: Studio Items & Recorded Programme. 8:00 Burmese News & Market Quotations. 8:15 English Session: News, Market Quotations & Announcements. 8:30 Studio Items & Recorded Programme. 9:30 Dance Programme. 10:00 a. m. EST Close down. 9 p. m. EST English News Session. 9:15 Burmese Session: Announcements & Recorded Programme. 9:50 Market Quotations. 10:00 Recorded Programme. 10:30 English Session: Announcements & Recorded Programme. 11:30 p. m. EST Close down.

**Sundays:** 9:30 p. m. EST Burmese Session: Recorded Programme. 10:15 English Session: Recorded Programme. 10:25 News. 10:40 Recorded Programme. 11:00 Indian Session: Recorded Programme. 11:30 p. m. EST Close down.

## BURMA

The Officer-in-Charge, Burma Independent Wireless Sub-Division, Rangoon, informs the QRC, "This service is still in an experimental stage. A new high power transmitter (10 kw aerial rating) is expected in 1939 and this will operate on 6,007 kcs."

Pacific Coast listeners may now log the morning (evening in Burma) English Session from 5:15 to 7 a. m. PST. Eastern U. S. listeners should try at 6:30 a. m. EST. Announcements are exceptionally clear.

## BOLIVIA

"Radio Illimani" of La Paz is reported latterly using CP-5 instead of CP-7, details of which were supplied you last month. The assigned frequency of CP-5 is 6,090 kc, but QRC 917 Arg. states they are heard near 6,190 kc. Operating schedule is shown at frequency 6,090 kc herein.

## ANGOLA

Director Alvaro de Carvalho of CR6AA at Lobito advises of the use of an additional new frequency—7,614 kc—and extends the absolute assurance that QRC Members who submit correct reports, accompanied by QRC Reply Vouchers, will un-failingly receive not only the station's verification card, but views of Lobito as well. Listeners on the Atlantic Coast should be able to log this new frequency, QRM permitting, toward the close of their program. For details, please see footnote.

In this connection, CR6AA also broadcasts on the long-wave channel of 1,300 kc. Listeners who, relying upon a recently published erroneous report, heard this station on 13,000 kc are to be congratulated for their vivid imagination, for this is "sensing" with a vengeance.

## ANGOLA

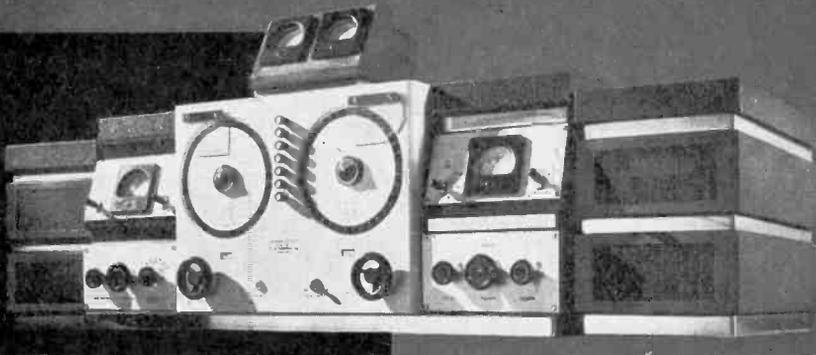
★CR6AA "Estacao Radio Difusora do Lobito," Lobito, 2 kw 7.177 and 7.614 regularly, and 9.666 irregularly. Angola Time 1 hour ahead of GMT. (o) Portuguese Anthem "Maria da Fonte." (i) Three piano notes. (s) Military March "Keepers of the King's Peace" and Portuguese National Anthem. Manuel de Seixas and Mrs. Pepita Silva Graca, Announcers. Alvaro de Carvalho, Owner & Operator. Studios: Avenida da Restinga. P. O. Box 103, Lobito, Angola, Portuguese West Africa.

7.177 & 7.614 CR6AA

2½--4

M W S

# WHY DIVERSITY RECEPTION?



## WHAT THE SKYRIDER DIVERSITY DOES FOR AMATEUR RECEPTION!

All amateurs are more or less familiar with the principles of Diversity Reception. The idea of using two or more receivers with individual antennae for the reception of short wave signals is not new. Receiving stations built by the commercial radio companies to operate on this principle have been phenomenally successful in the reduction of fading and improvement in the quality of reception.

However, Diversity Reception as practiced commercially, where each receiver is individually tuned, the second detector outputs being tied together across a common load, and the signals combined after rectification, is not practical for amateur communications work, where ease and rapidity of tuning to a number of signals is essential.

The SKYRIDER DIVERSITY is the result of several years of intensive experimental work, directed toward one object—the development of a means to provide the highly desirable advantages of Diversity Reception for the amateur in practical and easily operable form. It is the first receiving system to offer these advantages with a single tuning control—entirely practical for amateur operation—and consists of two complete r.f., i.f. and second detector circuits with a common r.f. heterodyne oscillator, common AVC and one audio amplifier.

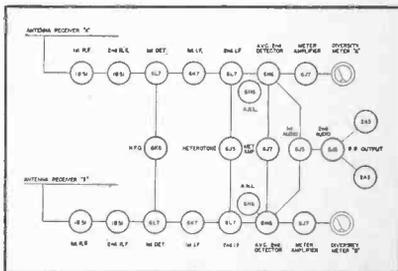
The principle advantages of Diversity Reception as offered by the SKYRIDER DIVERSITY are as follows:

1. Reduction of fading to negligible proportions.
2. An increase of Signal Strength over any single receiver.
3. Improvement of Signal-to-Noise ratio over any single receiver.
4. Reduction of Heterodyne Beat Note Interference.

The Diversity action of the SKYRIDER DIVERSITY is clearly demonstrated by the two diversity meters, which indicate the fading effect in the two separate circuits. Under normal conditions in long-distance, high-frequency reception, they will rise and fall from zero to plus 9, rather rapidly, but will seldom rise or fall in unison. In fact, they give the illusion of being oppositely geared together—as one falls the other rises and vice versa. Meanwhile the signal level meter on the main panel, reading the combined signal strength from both antennae, shows that the resultant output of both receivers remains practically stationary and indicates the improvement effected by the Dual Diversity System.

While it has been generally understood that proper diversity action could be obtained only with widely separated antennae, experience has proved the contrary. Fair Diversity action can be obtained with paralleled antennae separated as little as 10 feet, although it is desirable, where circumstances require antennae in such close proximity, to have them at right angles to one another or in different planes, as one horizontal and the other vertical.

It is with a real sense of achievement that the Hallicrafters offer Diversity Reception to the amateur with the SKYRIDER DIVERSITY. For a more complete discussion write for reprint of QST articles by J. L. A. McLaughlin and Karl W. Miles on Diversity Reception.



TUBE LAYOUT OF SKYRIDER DIVERSITY!

# the hallicrafters, inc.

2611 INDIANA AVE., CHICAGO, U.S.A.

Cable Address, "HALLICRAFT" Chicago

"World's Largest  
Builders of Amateur  
Communications Equipment"

# Short Wave Reporter



## HEAR SANTIAGO DE CHILE!

A new station heard in North America, or at least on the Pacific Coast, with excellent signal strength and clarity made its debut about December 10. It is CB-960 "Radio La Americana" Seguros de Vida (Life Insurance) of Santiago on 9,600 kc (31.25) relaying CB-130. Evidently the former CB-960 has been discontinued. Stating that a north-south beam antenna is being tested, the announcer requests that listeners address their reports to Casilla 13,155, Santiago, Chile, and usually signs off the air at 11 p. m. EST "until the next experimental program." Although not so stated, tests have been almost nightly until that hour. The last half hour should be most favorable for reception.

## BROADCAST SCHEDULES

Inasmuch as few short wave broadcast stations adhere strictly to operating schedules, the QRC regards the publication of these as of little value. A number of members find such schedules helpful, however, so these will be provided at intervals in the REPORTER. Among others, Daventry schedules have been omitted since they advise their audience to "listen for the announcement." Whenever a sunspot puts in appearance, Daventry engineers delight in switching transmitters. As a whole, short wave operating schedules are subject to change without notice.

## POSTAL SERVICE

The December issue, posted November 23, reached subscribers in Los Angeles, 100 miles distant, ten days later; Avalon, just across the channel, in twelve days, and so on all along the line. Henceforth, in order that Members may better judge the encomium due the postal service, the QRC will stamp the mailing date on each REPORTER envelope.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by  
Quixote Radio Club, Box 772, Santa Barbara, California.  
10 Cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1939 by E. J. Shields, Chots.  
Advertising accepted of reputable firms only. Rates on application.

CB-970 Radio La Cooperativa Vitalicia (Mutual Life) "La Voz de Chile para toda America," Valparaiso, Chile, 5 kw 9.700 kc alternately relays CB-76 Valparaiso or CB-78 Santiago (s) March "Pomp and Circumstance" by Elgar. (i) None. Fernando Campos C., Hugo Arteaga Beitia and Lalo Dalton, Announcers. George J. Weshnakow, Technician. Mario Pechini L., Art Director. Luis Falcone Baltra, Manager. Sociedad La Cooperativa Vitalicia, Owner. Studios: Lira 543. Casilla 37-V.

9.700 CB-970 7 $\frac{1}{2}$ 8 11-----11 $\frac{1}{2}$  SMTWTF<sup>S</sup>

**PERU**

OAX2A Radio Rancho Grande de la Hacienda Chiclin en Trujillo, Peru, Sudamerica, is announcing a frequency of 11,970 kc although heard near 11.835 kc. Listeners are still awaiting this station's card.

A rare catch for many listeners will be Radio Huancayo OAX4P, of the city of that name, now on 5,975 kc with a slight increase in power. Tune for them at 10:30 p. m. EST when YV5RC Radio Caracas 5,970 kc leaves the air (Saturday nights excepted). Correct reports accompanied by QRC Reply Vouchers will unfailingly be verified. For details, see footnote. The manager is member QRC 1504 and any radio magazines sent him will be warmly appreciated.

On occasion "Radio Nacional del Peru" of Lima has used a frequency of about 15,300 kc (that corresponding to CP-7) instead of OAX4Z 6,082 kc for their evening transmission. Listeners should not confuse

these stations. A year ago Lima used to announce wavelength of 19.87 meters (15,098 kc) in experimental transmissions for the British Broadcasting Corporation, a different frequency than that currently used.

In broadcasting an official bulletin of the Eighth Pan American Conference at Lima for relay by stations in Argentina, Brazil, Bolivia, Chile, Paraguay and Uruguay, "Radio Nacional del Peru" announced OAX4A long wave and OAX4Z short wave, 15,290 kc. Following the bulletin given in Spanish and English at 7 p. m. EST, variety music completed an excellent program. — QRC 145 Mich.

OAX5C Radio Universal de Ica, relaying OAX5B has been reported by QRC 1116 B. C. near 9.420 kc at 6 p. m. PST and later. Apparently on the move as the Prof. finds them a few days later near 9,390 kc or midway between OAX4J and COCH.

★OAX4P "Radio Huancayo—The Voice of Central Peru," Huancayo, Capital of the Department of Junin, (10,725 feet above sea-level in the Peruvian Andes), 250 w 5.975 kc (o) "'Drunt' in der Lobau" (Heinrich Strecker) by Lajos Kiss and his Zingaros. (i) 3 xylophone notes. (s) "Amanecer Andino" (Andean Dawn) Inca dance by the Peruvian composer Daniel Alomia Robles. Alfredo Elejalde G., Manager, Art Director & Announcer. Alberto Madueno, Owner & Operator. Studios: Loreto 201, 3d floor. Apartado 187.

5.975 OAX4P 12-1 $\frac{1}{2}$  9-----11 $\frac{1}{2}$  SMTWTF<sup>S</sup>

## VATICAN CITY STATE

★HVJ "Radio Vaticano," Vatican City 25 kw, above 80 pc modulation. Characteristics: Ticktack of clock for 5 minutes preceding transmission. Chimes of St. Peter on the hour. Initial and final words: "Laudetur Jesus Christus." Father Philip Soccorsi, Director. Vatican State, Owner, Address: Stazione Radio, Citta del Vaticano, Vatican City State.

	6.030 HVJ	6.190 HVJ	9.550 HVJ	9.660 HVJ	11.740 HVJ	
		15.120 HVJ		17.840 HVJ		
Sunday			1-			15.120
MTWTFSS	5-		2--			9.550 or 9.660
Tuesday		10½-				6.030 or 6.190
Wednesday			2½-			15.120
Wednesday and Saturday			3-			9.550, 9.660 or 11.740
						6.030 or 6.190

## NORWAY

Pacific Coast listeners now have an exceptional opportunity to log station LKC Jely 9,530 kc relaying Oslo Saturday nights at 11:30 p. m. PST (2:30 Sunday mornings for East Coast listeners). Verifications of this program are reported by QRC 1394 Colo. and QRC 1116 B. C.

Afternoon relays of Oslo on a frequency of 11,735 kc are reported

by QRC 8 and QRC 252, both of Mass. Verified by QRC 1002 R. I. as LKQ.

## LITHUANIA

Mystery stations in parallel on 6,140 and 9,525 kc with musical program from 8 till 10:30 p. m. GMT daily. Announcements noted at open and close only, believed in Lithuania. European members please observe and report.

RR6 "Radio Requete," Vitoria, Spain, 500 w 11.991 (o) "Marcha Triunfal del Requete." (i) "Antigua Marcha de las Cortes de Navarra" by bugle corps. (o) Sessions 1 & 2: "Oriamendi," Official Requete Hymn. 3: "Cancion de Falange" or "Cancion del Legionario." 4: National Anthem. "Requete" is name given the valiant Spanish volunteers in the nation's three civil wars of the past century whose motto is "For God, Country and King," now in the service of Generalissimo Franco's Army, uniformed in khaki and red beret. Ramiro Azcona, Elena Fernandez, Concepcion Ochoa, Announcers. Marino Ruiz and Feliz Marin, Technicians. D. Francisco S. Larrauri, Director. Tercio de Radio Requete de Campana, Owner. Address: Radio Requete de Vitoria, R. R. 6, Postas, 19, Vitoria, Spain, via Lisbon.

11.991 RR6 4-4½ 8-10 1-1½ 4-7 8½-10 T F SMTWTFS

Radio Malaga Onda Corta, Malaga, Spain, 700 w input 7.220 & 14.440. Occasionally relays Emisora EAJ-9 1,492 kc 200 w. (o) 7.220 "Suspiros de Espana" pasodoble; 14.440 "Buenas Noches Senores" pasodoble. (i) Gong. (s) "Himno de Falange" e "Himno Nacional." Conchita Villalba, Jose Rico, Manuel Bustos, Announcers. J. Gil, Technician. Juan Merchan Salvador, CW Operator. Jose Rico, Director. Jose Ma. Amado, Manager. Servicio Nacional de Propaganda, Owner. Address: Radio Malaga Onda Corta, Gobierno Civil, Departamento de Radio, Malaga, Spain, via Lisbon.

7.220 Malaga 9-10 3½-5½ SMTWTFS  
 14.440 Malaga 5¾-7½ 19½ SMTWTFS  
 Telegraphic News Bulletin 7½ 8½ SMTWTFS

CXA-2 "Radio Continental," (Una Voz Uruguaya en el Cielo de America) Montevideo, R. O. Uruguay, 5 kw 6.000 kc (o) "Amoreuse" waltz. (i) None. (s) "Isla de los Ceibos." O. A. Rivas and O. Fernandez Vidal, Announcers. Helios Pardo Ing., Technician. Rodolfo Caisiols, Director. Ernesto Racine, Manager. Cia. de Radiopublicidad Continental, Owner. Plant: Camino a Carrasco 5151. Studios: Calle Juan Carlos Gomez 1431.

6.000 CXA-2 10-----10 SMTWTF5

URUGUAY

QRC 1457 of Montevideo favors us with advice that station CXA4 on 6,125 kc with 3 kw power has closed down for alterations. This station will soon reappear on 9,620 kc under the call CXA6 with 20 kw power. Rhombic antennae directed to North America and Europe will be employed.

Despite the announcement of the owners, stations CXA9 and CXA19 for the relay of CX14 and CX18 respectively have not yet put in their appearance. Pending their inauguration, they are being removed from the QRC list.

★YV2RN "La Voz del Tachira," San Cristobal, State of Tachira, 1 kw 4.870 relays YV2RB 1 kw 980 kc (s) "El Capitan," Sousa march. (i) Marimba notes. Jose Antonio Perez, Announcer. Juan A. Chacon, Director & Announcer. Jesus M. Diaz Gonzalez, Owner & Operator. Studios: Barbula 41. Apartado 37.

4.870 YV2RN 11-12½ 5-----9½ SMTWTF5

★YV5RC "Radio Caracas," Caracas, 5 kw 5,970 kc relays YV5RA 5 kw 960 kc (s) "Marcha I.B.C." (i) 4 chimes. Domingo Hurtado, Oscar Rickel, Jose Hurtado, Leon Bravo, Luis R. Betancourt, Antonio Castes, Announcers. Jose Marcano C., Technician. Alcides Toro, Sub-Director. Ricardo Espina, Manager & Director. Compania Anonima Almacen Americano, Owner. Plant: Catia. Studios: Pajaritos a La Palma. Apartado 2009.

5.970 YV5RC 7-----10½ SMTWTF5

★YV5RJ "La Voz de LA ESFERA," Caracas, 1 kw 6,250 kc relays YV5RI 500 k 1,370 kc (s) "La Voz de LA ESFERA" march. (i) Gong. Rafael Marquiz, Juan Olavarrieta and Jose M. Garcia, Announcers. Agustin Espino, Technician. E. Suegart, Manager & Director. Suegart & Cia., Owners. Plant: Colonia Tovar. Studios: Padre Sierra a Munoz 3. Apartado 1908.

6.250 YV5RJ 10½-----1½ 3½-----10½ SMTWTF5

MALAYA

Manager Dumeresque of the British Malaya Broadcasting Corporation at Singapore kindly advises the QRC that service on ZHO 6,175 kc has been suspended, only ZHP 9,690 and ZHL 1,333 kc being in operation at present. Of the two short wave stations, ZHO was the better for Pacific Coast listeners.

VENEZUELA

"La Voz de Lara," Barquisimeto is reported on 4,990 kc evenings, announcing YR3RA and YV3RX. Station was formerly on 5,880 kc as YV3RB.—QRC 8 Mass.

**SOUTH INDIA**

At last the Prof. gets even with those of eastern areas who asked that he rise at 4 a. m. to check Asiatic stations! Let them tune for the Madras "School Broadcasts" on 11,905 kc (25.2 meters) from 3:30

to 4 a. m. EST Mondays, Wednesdays and Fridays. Possibly they may be more content to log the 4,950 kc daily broadcasts beginning at 6:30 a. m. EST, which happens not to be so long before that breakfast call.

VUM-2 "All India Radio," Madras 10 kw 4.950 & 11.905 (o) "Madras calling" or "This is the Madras National and Regional Programme." (s) "With that we conclude our programme for this evening. The time now is . . . and we, the Madras Centre of All India Radio, are closing down till . . . tomorrow. Goodnight everybody, goodnight." Victor Paranjoti, M.A., F.I.G.C.M., Station Director. D. S. Major, Station Engineer. P. V. Acharya, M.A., Director of Programmes. Government of India, Owner. Address: Station Director, All India Radio, Marshall's Road, Egmore, Madras, South India.

FIQA "Radio-Tananarive," Tananarive 400 w 6.063 relays FIQ. (o) "Le Chant du depart." (s) "La Marseillaise," French National Anthem. Address: L'Ingenieur en Chef des P.T.T., Chef de la Station Intercoloniale de T.S.F. de Tananarive a Alarobia, Tananarive, Madagascar.

6.063 FIQA	10.11	12 $\frac{1}{2}$ -12 $\frac{3}{4}$	M
$\frac{4}{3\frac{1}{2}4\frac{1}{2}}$	10.11	2 $\frac{1}{2}$	S
		12 $\frac{1}{2}$ -12 $\frac{3}{4}$	TWTF S

★ZP-14 "Radio Cultura de Villarrica—La Voz del Sudamerica," Villarrica, Paraguay. 3 kw 11,725 kc (s) "Campamento Cerro Leon." (i) Whistle every half hour. Juan Arena and Federico Flachslund, Announcers. Ing. Herbert Novotny, Technician. Hector M. Colonna, Director. Eugenio Friedmann, Manager. Friedmann Hnos., Owners.

11.725 ZP-14	11-----5	4-----7	S	S
			MTWTF	

XEWX "La Voz de la America Latina desde Mexico," (The Voice of Latin America from Mexico) Mexico, D. F., 10 kw 9.500 & 15.160 (o) "Marcha Tripoli." (i) Chimes in descending scale. (s) "Marcha Dos de Abril." Divers announcers. Emilio Azcarraga, Director. Othon M. Velez, Manager. Cadena Radiodifusora Mexicana, S. A., Owners. Studios: Ayuntamiento 54. Apartado 2516.

W8XNU Cincinnati, Ohio, 1 kw 25.950 (s) "Beautiful Ohio." Crosley Corporation, Owner. Transmitter: Clifton Heights, Cincinnati, Ohio. Carries programs from NBC Red and Blue, Mutual, WLW, WSAI, and specially produced features. Sundays 8 a. m. to 1 a. m. Week-days 6:30 a. m. till 1 a. m. EST.

W9XA Kansas City, Mo., 1 kw 26.450. Robert F. Wolfskill, Chief Engineer. Everett L. Dillard, Owner & Technical Director. Commercial Radio Equipment Co., 7134-36 Main St., Kansas City, Mo., Owners & Operators. Schedule: 9:30 a. m. to Noon CST; 3 p. m. to 6:30 p. m. daily. Also on at various other hours of day and night, but these transmissions are not regularly scheduled. Has permission to rebroadcast any or all programs of KITE, as well as certain stipulated programs of WLW & KSL.

BROADCAST SCHEDULES

Eastern Standard Time

4.270 RV-15							
-----6			3	-----	-----	SMTWTFS	
4.600 HC2ET				8	-----10	M W T S	
4.775 HJ7GAB	11	-----1	5½	-----	-----10½	SMTWTFS	
4.785 HJ1ABB							

NEW STATIONS

4.825 Cali, Colombia	★HJ5ABD
4.855 Bogota, Colombia	HJ3CAF
4.870 San Cristobal, Ven.	★YV2RN
4.990 Barquisimeto, Ven.	YV3RX
5.460 Managua, Nicaragua	YN-OP
5.975 Huancayo, Peru	★OAX4P
6.015 Bogota, Colombia	★HJ3CAX
6.030 Vatican City	★H V J
6.063 Tananarive, Mad.	FIQA
6.190 Vatican City	★H V J
7.177 Lobito, Angola	★CR6AA
7.614 Lobito, Angola	★CR6AA
9.130 Guayaquil, Ecuador	★HC2CW
9.520 Moscow, U.S.S.R.	RV-96
9.530 San Francisco	W6XBE
9.550 Vatican City	★H V J
9.600 Santiago, Chile	CB-960
9:620 Montevideo, Uruguay	CXA-6
9.660 Vatican City	★H V J
11.725 Villarrica, Paraguay	★ZP-14
11.735 Jeloy, Norway	L K Q
11.740 Vatican City	★H V J
11.840 Praha, Czech.	OLR4A
11.880 Lyndhurst, Australia	VLR3
11.905 Madras, South India	VUM-2
15.120 Vatican City	★H V J
15.190 Lahti, Suomi	○ I E
15.290 Lima, Peru	OAX4Z
15.330 San Francisco	W6XBE
17.760 Cincinnati, Ohio	W8XAL
17.800 Lahti, Suomi	○ I H
17.840 Vatican City	★H V J
21.550 Lahti, Suomi	○ I I
21.650 Cincinnati, Ohio	W8XAL

TREASURE ISLAND

It is announced the new General Electric station W6XBE will be built on Treasure Island in San Francisco Bay, instead of at Belmont, to serve South America and the Far East on frequencies of 9,530 and 15,330 kc between midnight and 6 a. m. EST. Look for this station the middle of February, on the opening of the San Francisco world's fair.

U.S.S.R.

For some time past listeners, particularly in northern latitudes, have been reporting excellent reception of Moscow on 9,520 kc until 7 p. m. EST when they switch to RAN 9,600 kc. The call announced for 9,520 kc is RV-96, the same as for 15,182 kc.—QRC 1116 B. C.

Incidentally RV-15 of Khabarovsk hasn't done right by our Nell for no sooner did the QRC feature their new frequency of 6,050 kc than did they return to 4,270 kc as of yore. It is possible that these frequencies may be used alternately.

6.030 Moscow, U.S.S.R.

VLR National Short-Wave Station, Lyndhurst (near Melbourne) 2 kw 9.580 & VLR3 2 kw 11.880 (s) "God Save the King." (i) Three gong notes in ascending order. The Australian Broadcasting Commission, Owners. G. P. O. Box 1686, Melbourne, Victoria, Australia.

9.580 VLR							
3¼	-----7½					S	
3¼	-----8½					MTWTFS	
3¼	-----9					S	
11.880 VLR3							
		3½	-----7¼	9	-----	3	SMTWTF
			5	-----	10½	12	S

QUIXOTE RADIO CLUB

4.815	HJ2BAC	10-----1	6-----10	SMTWTFS
4.825	HJ5ABD	10-----1	5-----11	SMTWTFS
4.835	H-JIABE	8 $\frac{1}{2}$ -----2	6-----10 $\frac{1}{2}$	SMTWTFS
4.841	HJ3ABD	9-----2	6-----12	SMTWTFS
4.855	HJ3CAF			
4.865	HJ2BAJ	10 $\frac{1}{2}$ -----2	5-----10	SMTWTFS
4.875	HJ6FAH		6-----10	S
		8-----10 $\frac{1}{2}$	6-----10 $\frac{1}{2}$	MTWTFS
4.880	VUC-2	6 $\frac{1}{2}$ -----12		SMTWTFS
4.885	HJ4ABP		6-----11	SMTWTFS
4.895	HJ3CAH	11-----2	5-----11	SMTWTFS
4.905	VUB-2	7-----12 $\frac{1}{2}$		SMTWTFS
4.950	VUM-6 $\frac{1}{2}$	12		SMTWTFS
4.990	YV3RX	10-----11		S
		7.8-----10		MTWTFS
4.995	VUD-2	7 $\frac{1}{2}$ -----12 $\frac{1}{2}$		SMTWTFS
5.010	YV5RM	7.8-----11		SMTWTFS
5.460	YNOP		8 $\frac{1}{2}$ -----10 $\frac{1}{2}$	MTWTFS
5.725	HCIPM		8-----11	M
5.830	TIGPH	12-----2	6-----10	SMTWTFS
5.830	TIXGP3	7 $\frac{1}{2}$ -----11	4-----6	10-----12
5.835	YV5RR	7.8-----11	4-----10 $\frac{1}{2}$	SMTWTFS
5.850	YV1RB	8 $\frac{1}{2}$ -----2	3 $\frac{1}{2}$ -----9 $\frac{1}{2}$	S
		5 $\frac{1}{2}$ -----9 $\frac{1}{2}$	10 $\frac{1}{2}$ -----10 $\frac{3}{4}$	MTWTFS
5.865	HI-1J	12-----2	6-----9	SMTWTFS
5.875	HRN		7-----10 $\frac{1}{2}$	SMTWTFS
5.905	TILS	12-----2	6-----11	SMTWTFS
5.915	HH-2S		6 $\frac{1}{2}$ -----10	MTWTFS
			7-----10	S
5.930	YV1RL	7-----11		S
		6-----9	2-----4	MTWTF
		6-----9	11-----11	S
		7-----11	2-----11	Holidays
5.970	YV5RC	7 $\frac{1}{2}$ -----9 $\frac{1}{2}$	11-----2	4-----10 $\frac{1}{2}$
5.990	OAX4P		12-----1 $\frac{1}{2}$	9-----11 $\frac{1}{2}$
5.990	HJ3ABX		12-----1 $\frac{1}{2}$	6-----11 $\frac{1}{2}$
		10 $\frac{1}{2}$ -----2	5 $\frac{1}{2}$ -----11	S
6.000	XEBT	8-----11		MTWTFS
6.000	CXA-2	10 $\frac{1}{2}$ -----10 $\frac{1}{2}$		SMTWTFS
6.000	RV-59		4-----	SM F
6.005	CFCX	8-----10 $\frac{1}{2}$		S
6.005	HP5K	6 $\frac{3}{4}$ -----12	7-----9	11 $\frac{1}{2}$ -----1
6.005	HP5K	7-----11 $\frac{1}{2}$	1-----1	6-----11
6.007	ZRH Roberts Heights near Pretoria, 5 kw	9-----12 $\frac{1}{2}$	3 $\frac{1}{2}$ -----12 $\frac{3}{4}$	SMTWTF
		10-----3 $\frac{1}{2}$		S
6.007	ZRJ Maraisburg near Johannesburg, 500 w.		3 $\frac{1}{2}$ -----4	MTWTFS
6.010	COCO	8-----12		MTWTFS
6.010	CJCX	7-----1 $\frac{1}{2}$	4-----8 $\frac{1}{2}$	SMTWTFS
6.010	PRA8	9-----12	1-----3	4-----9
6.015	HI3U	7 $\frac{1}{2}$ -----11 $\frac{3}{4}$	1 $\frac{3}{4}$ -----4 $\frac{3}{4}$	6 $\frac{1}{4}$ -----
6.020	DJC		1-----4 $\frac{1}{2}$	SMTWTFS
6.020	XEUW	8-----12		SMTWTFS
6.030	HP5B	9 $\frac{1}{2}$ -----1	5-----10	SMTWTFS
6.040	W4XB	1-----3	4-----6	9-----12
			7-----9	9-----12
6.040	W1XAL			S
6.042	HJ1ABC	10-----11		MTWTF
		10-----11		MTWTFS
		10-----9		S
6.050	RV-15			
6.050	HP5F	8.9-----1	4-----6	9-----10 $\frac{1}{2}$
6.054.3	HJ6ABA	9 $\frac{1}{2}$ -----1	6-----10	SMTWTFS
6.060	W8XAL			11-----2
		5 $\frac{1}{2}$ -----12		S T F
		5 $\frac{1}{2}$ -----2		SMTWTFS
			9-----2	M T S
6.060	W3XAU	12-----11		W
		12-----9		S T F
6.065	SBO		4 $\frac{1}{2}$ -----	W
6.070	CFRX	10-----11		SMTWTFS
		6 $\frac{1}{2}$ -----11		S
				MTWTFS

# SHORT WAVE REPORTER

6.075 XECU	9-----11	SMTWTFS
6.079 DJM	4 $\frac{3}{4}$ -----10 $\frac{3}{4}$	SMTWTFS
6.080 ZHJ	6 $\frac{3}{4}$ --8 $\frac{3}{4}$	SMTWTFS
6.080 CRY9	8 $\frac{1}{2}$ --10	M
6.080 CKFX	10-11	MTWTFS
	1 $\frac{1}{2}$ -----8	S
	7-----8 $\frac{1}{2}$ 10 $\frac{1}{2}$ --12	SMTWTFS
6.082 OAX4Z		T T
6.083 VQ7LO	8 $\frac{1}{2}$ 9 $\frac{1}{2}$	SMTWTFS
	5 $\frac{1}{2}$ 6	T T
	11 $\frac{1}{2}$ -----2 $\frac{1}{2}$	SMTWTFS
6.090 CP-5	7 $\frac{1}{2}$ --9 11 $\frac{1}{2}$ -----1 $\frac{1}{2}$	SMTWTFS
6.097 ZRJ Maraisburg near Johannesburg, 500 w.	6 $\frac{1}{2}$ -----11	SMTWTFS
	11 $\frac{1}{2}$ 12 $\frac{1}{2}$	SMTWTF
	3 $\frac{1}{2}$ --5 $\frac{1}{2}$ --7 9-----11 $\frac{1}{2}$	S
	3 $\frac{1}{2}$ -----7 $\frac{1}{2}$ 9-----11 $\frac{1}{2}$	MTWTF
	3 $\frac{1}{2}$ -----7 $\frac{1}{2}$ 8 $\frac{1}{2}$ -----11 $\frac{1}{2}$	S
6.097 ZRK Klipheuvcl near Capetown, 5 kw		S
	12-----3 $\frac{1}{2}$	MTWTFS
	12-----4	SMTWTFS
6.100 YUA	7-8 $\frac{1}{2}$	12 $\frac{1}{2}$ --2 $\frac{1}{2}$
6.100 W9XF	1-----6 $\frac{1}{2}$	1.2
6.110 HJ6ABB		SMTWTFS
6.120 XEUZ	10-----	8 $\frac{3}{4}$ --10
6.122 HP-5H	10-----	6-----10 $\frac{1}{2}$
	8-----	7 $\frac{1}{2}$ --9 $\frac{1}{2}$ --11
6.122 OAX6A		7-----11
6.130 COCD	10-----	-----1
6.130 CHNX	7-----	12-----11 $\frac{1}{2}$
	8-----	11 $\frac{1}{2}$
6.130 VP3BG	10 $\frac{1}{2}$ 11 $\frac{1}{2}$	3 $\frac{1}{2}$ -----7 $\frac{1}{2}$
	6 $\frac{3}{4}$ --8 $\frac{3}{4}$	4 $\frac{1}{2}$ --6 $\frac{1}{2}$
6.137 CR7AA		11-----1
6.140 W8XK		11 $\frac{1}{2}$ 12 $\frac{1}{2}$
6.145 HJ4ABE	9 $\frac{1}{2}$ -----2 4-----	11 $\frac{1}{2}$ 12 $\frac{1}{2}$
6.147 ZRD Durban, 300 w		11 $\frac{1}{2}$ 12 $\frac{1}{2}$
	3 $\frac{1}{2}$ 5 $\frac{1}{2}$ --7 8-----11 $\frac{1}{2}$ 12-----3 $\frac{1}{2}$	S
	3 $\frac{1}{2}$ -----7 $\frac{1}{2}$ 9-----3 $\frac{1}{2}$	MTWTF
	3 $\frac{1}{2}$ -----7 $\frac{1}{2}$ 9-----4	S
6.150 HI5N	6 $\frac{1}{2}$ 7 $\frac{1}{2}$	11 $\frac{1}{2}$ -----1 $\frac{1}{2}$
6.150 CIRO		5 $\frac{3}{4}$ --7 $\frac{3}{4}$
6.160 Colombo	6 $\frac{1}{2}$ -----12	10-----3
6.170 W2XE		11 $\frac{1}{2}$ -----1
6.174 XEXA	8 $\frac{1}{2}$ -----11 2 $\frac{1}{2}$ --4 $\frac{1}{2}$	7-----12
6.182 HIIA	11 $\frac{1}{2}$ -----2 $\frac{1}{2}$	7 $\frac{1}{2}$ --9 $\frac{1}{2}$
	10 $\frac{3}{4}$ -----1 $\frac{3}{4}$	6 $\frac{3}{4}$ --9 $\frac{3}{4}$
6.190 TG-2	2.340 TG-3	6-----3
	7 $\frac{1}{2}$ -----10	3-----8
		6-----11
6.210 YVIRI		6-----9 $\frac{1}{2}$
6.225 YVIRG	11 $\frac{1}{2}$ -----1	6-----10
6.230 OAX4G		5-----11
6.235 HRD		7-----10
6.243 HIN		12-----2 $\frac{1}{2}$
6.250 YV5RJ	10 $\frac{1}{2}$ -----12 $\frac{1}{2}$	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$
6.270 YV5RP	6 $\frac{1}{2}$ -----	10 $\frac{1}{2}$
6.300 YV4RD		1-----2 5-----10
6.316 HIZ	11 $\frac{1}{2}$ -----2 $\frac{1}{2}$	5-----10
6.330 COCW	7-----	-----12
6.335 OAX1A		8-----11
		8-----12
6.340 HII X		8-----10
	7 $\frac{3}{4}$ -----10 $\frac{3}{4}$	T F
6.360 YVIRH	8 $\frac{1}{2}$ -----2 $\frac{1}{2}$	S
	6 $\frac{1}{2}$ 7 $\frac{1}{2}$	11-----1 $\frac{1}{2}$
6.370 TIWS		4-----11
		3.4
		4-----6 7-----9
6.375 YV5RF	12-----2	5-----10
6.384 ZIZ		4.4 $\frac{3}{4}$ 7 $\frac{1}{2}$ 8
		9-----11
6.400 TGQA		9-----1
		1-----3
6.400 YV5RH	8 $\frac{1}{2}$ -----1 $\frac{1}{2}$	5 $\frac{1}{2}$ -----10 $\frac{1}{2}$

QUILXOTE RADIO CLUB

50.0 - 6.81

9.25

6.410	TIPG	7--9	12--2	4-----11½	SMTWTFSS
6.420	YV6RC		10-----1	6-----10	MTWTFSS
6.450	HI4V			6½-----10½	MTWTFSS
6.465	YV3RD		11-----2	5-----10	SMTWTFSS
6.480	HI1L	9½-----12		7½-----10	SMTWTFSS
6.490	TGWB				
6.520	YV4RB			6½-----9½	MTWTFSS
6.545	YV6RB	10½-----12		4-----8	S
6.550	TI-RCC	11-12		7--9½	SMTWTFSS
				8-----10	S
				9-10	T
6.610	YNLG 6-7		11-----1	4-----8	SMTWTFSS
6.618	Prado				
6.630	HIT		12½1¼	5¾-----8¾	MTWTFSS
6.668	HC2RL			9-----11	T
6.675	HBQ			5½-----7½	S
6.675	HI-9B		2½2¾		Sunday
			1-----3		S
6.700	TIEP	7--9	12-----1	5-----9	MTWTFSS
6.720	PMH Bandoeng	9-----1		6-----11½	MTWTFSS
				9½-----1½	S
6.730	HI-3C	4½	8½9½	11-12½	SMTWTFSS
6.765	YNRS				SMTWTFSS
6.800	HI-7P		10-11	1.2	S
6.977	XGFA	7-----10½		7--9	MTWTFSS
7.100	FO8AA			6½7½	SMTWTFSS
7.128	YN3DG		2.2½	8--10	11-12
					1.2
7.204	EAJ-8	3¼4	11-12	1¾	4¾5--7
7.380	XECR		8--10	7.8	
7.400	YDA Batavia			7½	10½-----2
					2
7.450	TI-2LC	8-----			11
7.500	EA8AB		1.2½	4½--6	7.8
7.510	JVP	8-9½			
7.660	YNLF	9.660	YNLF		7.8
7.854	HC2JSB		11-----2	4-----	11
7.894	YSD			6-----	10
8.580	YNPR		1½2½	6-----	10
8.650	HI4ABU			6-----	10
8.663	COJK		10-----12½	7-----	11
8.800	COCQ		10-----		1
		7-----			12
		7-----			1
8.935	COJK				12
9.030	COBZ	7¾			12½
9.100	COCA				12
9.125	HAT-4			6.7	7.8
9.130	HC2CW		11-----1	7-----	11
9.163	HC1GQ				9-10½
9.200	COBX		8-----		11½
9.300	YNGU		12--2	5-6	
9.300	HIG	7--9	12--2½	4-----	9
9.330	OAX4J		12-----		12
9.345	HBL	7.797	HBP	6¾--8¾	
9.345	HBL			7-7¾	Monday
9.345	HBL			8-8¾	Sunday
9.400	HC-ODA		12.1	4--6	8--10
		9-----11		3--5	8--10
9.437	COCH				12
9.465	TAP				
9.500	XEWW				1½
9.500	OFD		12½-----	5	
9.500	HS8PJ		8--10		
9.510	VK3ME	4-----7			
9.520	RV-96				
9.520	OZF			8-9¾	9¾--11
9.520	XEDQ		12-----		12

SMTWTFSS  
 MTWTFSS  
 MTWTFSS  
 SMTWTFSS  
 SMTWTFSS  
 MTWTFSS  
 S  
 SMTWTFSS  
 S  
 T  
 SMTWTFSS  
 MTWTFSS  
 T  
 S  
 Sunday  
 S  
 MTWTFSS  
 MTWTFSS  
 S  
 SMTWTFSS  
 SMTWTFSS  
 S  
 MTWTFSS  
 SMTWTFSS  
 T F  
 MTWTFSS  
 S  
 SMTWTFSS  
 SMTWTFSS  
 SMTWTFSS  
 SMTWTFSS  
 SMTWTFSS  
 SMTWTFSS  
 SMTWTFSS  
 MTWTFSS  
 SMTWTFSS  
 M  
 S  
 TWTFSS  
 SMTWTFSS  
 SMTWTFSS  
 SMTWTFSS  
 S W  
 S  
 SMTWTFSS  
 M W S  
 SMTWTFSS  
 MTWTFSS  
 MTWTFSS  
 SMTWTFSS  
 Monday  
 Sunday  
 Sunday  
 S  
 MTWTFSS  
 SMTWTFSS  
 SMTWTFSS  
 T  
 MTWTFSS  
 SMTWTFSS  
 SMTWTFSS

# SHORT WAVE REPORTER

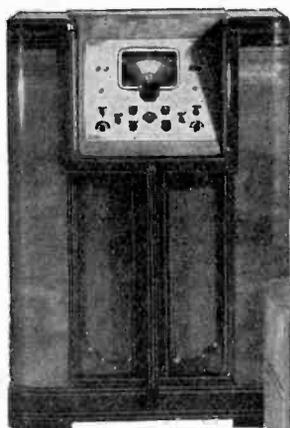
9.523	ZRH Roberts Heights near Pretoria, 5 kw	
	5-7	S
	5-7½	MTWTFSS
9.525	ZBW3	
	4-----10	SMTWTFSS
9.530	LKC 5-----8	SMTWTFSS
9.530	W2XAF	4-----12
9.530	VUC-2	2-4 SMTWTFSS
9.535	Berne	1.2 6¾7¾8-9
9.535	JZI	2½-4 4½5½
9.536	VPD2 5½-7	MTWTFSS
9.540	DJN	4½-----10¾
	-5	12-----
9.550	TPB-11	SMTWTFSS
	-----6 11¼-----	SMTWTFSS
9.550	XEFT 10¾-----4½ 7½-----12¾	SMTWTFSS
9.550	YDB Soerabaia	
	4¾-----10½ 6-7½ 9½10½ 1-3¾	SMTWTFSS
9.550	VUB-2	SMTWTFSS
9.550	W2XAD	6¾-----10
9.560	DJA	4¾-----10¾
	-5	12-----
9.570	W1XK 8-----	SMTWTFSS
	6-----	1
9.570	KZRM	MTWTFSS
	4-----10 4¾-6	S
5.980	VLR	MTWTFSS
9.590	VK6ME 6-8	SMTWTFSS
9.590	VK2ME	12½-2¾
	4¾-----8½9¾-11½	S
9.590	W3XAU	S
	12-----12 9-----12	M T S
	9-----12 11-12	S T F
9.590	VUD-2	8½-10½ 1½-3¾
9.590	VUD-3 7½-----12¾	SMTWTFSS
9.590	PCJ	SMTWTFSS
	2-3 7½-9¾ 8½-9¾ 7-8¾ 8¾-10¾ 7¾-9¾ 7-8¾ 8-12	S
	1¼-3¾	M
	7-8¾ 8¾-10¾ 7-8¾ 8-12	T
	7-8¾ 8-12	W
9.600	RAN	SMTWTFSS
9.600	XEYU	SMTWTFSS
9.600	CB-960	3-4½
9.605	HP5 J	5-----10
9.606	ZRK Klipheuvel near Capetown, 5 kw	11¾12¾
	3¾-5¾-7 9-----11¾	S
	3¾-7¾ 9-----11¾	MTWTFSS
9.616	HJ1ABP	S
	9-----11½ 4½-----9 4½-----10	MTWTFSS
9.620	CXA-6	10½-12¾ 3¾-----9¾
9.630	HJ7ABD	SMTWTFSS
	11-----1 6-----10½ 7½-9¾ 7-8¾ 9	MTWTFSS
9.630	ZP8 7½-9	S
9.635	I2RO3	12-----2½3¾ 7-8¾ 9
9.640	CXA-8 6¾-----	SMTWTFSS
9.645	HH-3W	1.2 7-9
9.650	CS2WA	4-----7
9.650	W2XE	10¾11½
9.660	LRX	9¾-----10¾
9.670	W3XAL	5-----1
9.670	T14NRH	6-7
	7.8	S
	9-10	T T S
9.675	DJX	SMTWTFSS
9.685	TGWA	7-----10-11½
	6-----9 7-----9	SMTWTFSS
9.690	LRA-1	S
	4-5 7-9	MTWTF
	7-9	F
	7-9	S

QUIXOTE RADIO CLUB

9.690 ZHP	5 $\frac{1}{2}$ ---7 $\frac{3}{4}$ 5 $\frac{3}{4}$ -----9 $\frac{1}{4}$ 5 $\frac{3}{4}$ -----9 $\frac{3}{4}$	10 $\frac{3}{4}$ -----1 $\frac{1}{4}$ EST	S	
9.700 Seri	12 $\frac{1}{4}$ 1 $\frac{1}{4}$	3---5	7---9	SMTWTF SMTWTFS
9.737 CSW				S
9.830 IRF	12 $\frac{1}{4}$ 1	3-3 $\frac{1}{2}$	6-----9	SMTWTFS SMTWTFS
9.833 COCM	8-----		12	SMTWTFS
9.890 CP-1		11-12 $\frac{1}{2}$	5 $\frac{1}{2}$ --7 8 $\frac{1}{2}$ --10 $\frac{1}{2}$	SMTWTFS
9.925 JDY	7-8			SMTWTFS
9.960 COBC	7-----		12 $\frac{1}{2}$	SMTWTFS
10.050 TIEMC		11-----	11	SMTWTFS
10.220 PSH			6-7 6-7 $\frac{1}{2}$ 7 $\frac{1}{2}$ 8 $\frac{1}{2}$	MTWTF F
10.260 PMN Bandoeng			7 $\frac{1}{2}$ 8 $\frac{1}{2}$	M
10.330 ORK	4 $\frac{1}{2}$ -----11 $\frac{1}{2}$	1 $\frac{1}{2}$ --3	6-7 $\frac{1}{2}$ -----10 $\frac{1}{2}$ -----2	SMTWTF SMTWTFS
10.370 EAJ43		3---5	7 $\frac{3}{4}$ -----10	SMTWTFS
10.600 ZIK-2		1-2 $\frac{1}{2}$		F
11.000 PLP Bandoeng		1 $\frac{1}{2}$ 2	8 $\frac{1}{2}$ 9	T T S
	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$		6-7 $\frac{1}{2}$ 10 $\frac{1}{2}$ -----2	SMTWTF
	4 $\frac{1}{2}$ -----11 $\frac{1}{2}$		7 $\frac{1}{2}$ -----2	S
11.040 CSW-2		2 $\frac{1}{2}$ -----6		SMTWTF
11.402 HBO	January	1 $\frac{1}{2}$ 2 $\frac{1}{2}$	February	3-3 $\frac{1}{2}$
11.402 HBO	6.675 HBO	1 $\frac{1}{2}$ 2 $\frac{1}{2}$		Monday
11.535 SPD	11.740 SP-25			Sunday
11.676 IQY		12 $\frac{1}{4}$ --2 $\frac{1}{4}$ 3-3 $\frac{1}{2}$		SMTWTFS
11.700 CB-1170		10-----	2 4-----11	MTWTF
		9-----		S
11.700 HP5A		11 $\frac{3}{4}$ -----1	6-----10	SMTWTFS
		9-----	6-----10	S
11.705 SBP		1 $\frac{1}{2}$ -----4 $\frac{1}{4}$		S
		1-----4 $\frac{1}{4}$		MTWTF
			8-9	W
11.710 YSM		12---2		S
11.718 TPA-4			7---9 $\frac{1}{4}$	SMTWTFS
			9 $\frac{1}{4}$ -----12	SMTWTFS
11.718 TPB9			7---9 $\frac{1}{4}$	SMTWTFS
11.718 CR7BH				SMTWTFS
	4 $\frac{1}{2}$ ---6 $\frac{1}{2}$	9 $\frac{1}{2}$ -----11 12 $\frac{1}{4}$ -----4		S
11.720 CJRX			10-----2	MTWTF
11.730 WIXAL				S
11.730 PHI			9 $\frac{1}{4}$ -----11	MTWTF
			6 $\frac{1}{4}$ 6 $\frac{3}{4}$ 7 $\frac{1}{4}$ 7 $\frac{3}{4}$	MTWTF
11.740 COCX		8-----		MTWTF
		8-----	12	S
11.770 DJD		11 $\frac{1}{2}$ -----	4 $\frac{1}{2}$ -----10 $\frac{3}{4}$	SMTWTF
			4 $\frac{1}{2}$ -----10 $\frac{3}{4}$	SMTWTF
11.780 OFE		-----12		SMTWTF
11.780 HP5G			6-----10	SMTWTF
11.790 WIXAL			5-6 $\frac{1}{2}$	MTWTF
11.800 JZ1	7-7 $\frac{1}{2}$	2 $\frac{1}{2}$ ---4		SMTWTF
	8-9 $\frac{1}{2}$		4 $\frac{1}{2}$ 5 $\frac{1}{2}$ 8-8 $\frac{1}{2}$ 12 $\frac{1}{2}$ 1 $\frac{1}{2}$	SMTWTF
11.800 COGF	8-----		9-10	SMTWTF
			9-10	MTWTF
11.801 DJZ			4 $\frac{3}{4}$ -----10 $\frac{3}{4}$	S
11.810 I2RO <sup>4</sup>				SMTWTF
	5-----	12		S
11.820 XEBR		1-----4	9-----12	SMTWTF
		12-----4	9-----11	MTWTF
11.830 W2XE		3-----6		S
			6 $\frac{1}{2}$ -----10	S
11.840 CSW-4		1-2 $\frac{1}{2}$		MTWTF
11.850 CB-1185		11-----1		SMTWTF
			6-----11	SMTWTF
11.870 W8XK			7-----11	S
11.885 TPB-7			9 $\frac{1}{2}$ -----12	SMTWTF
11.885 TPA-3				SMTWTF
	-----5	11 $\frac{1}{4}$ -----6	2---	SMTWTF

# SHORT WAVE REPORTER

11.900 XEWI	12 $\frac{1}{2}$ --2		S
		9-----12	M W F S
11.900 CD-1190	10-----1	3-----6	T T
	11-----1	3-----6	SMTWTF S
11.905 VUM-2		7 $\frac{1}{2}$ -----10	
11.920 TI-2XD	11-----2	6-----11	M W F
11.980 CB-1180	7---9		SMTWTF S
12.000 RNE		10 $\frac{1}{2}$ --	SMTWTF S
	6 $\frac{1}{2}$ --		W
12.235 TFJ			S
12.460 HCJB	7-8 $\frac{1}{2}$	11 $\frac{1}{2}$ -----2 $\frac{1}{2}$	S
13.635 SPW	15.121 SP.19	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$	S T W T F S
14.535 HBJ	January	6-----9	SMTWTF S
14.535 HBJ	10 $\frac{1}{2}$ 11 $\frac{1}{2}$	February	Monday
14.935 PSE		4-4 $\frac{1}{2}$	Sunday
		3-3 $\frac{1}{2}$	W
		4-4 $\frac{1}{2}$	T S
15.083 RK1		7 $\frac{1}{2}$ --9	23rd of Month
15.110 DJL	8-9		SMTWTF S
15.121 HVJ		1-1 $\frac{1}{2}$	SMTWTF S
15.130 TPB-6			S
15.150 YDC Bandoeng			2--- SMTWTF S
	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$	6-7 $\frac{1}{2}$ -----10 $\frac{1}{2}$	SMTWTF S
15.155 SM5SX	9-----5	7 $\frac{1}{2}$ -----2	SMTWTF S
15.160 VUD-3			S
15.165 OZH	8-----1 $\frac{1}{2}$	8 $\frac{1}{2}$ --10 $\frac{1}{2}$	SMTWTF S
15.170 TGWA		1 $\frac{1}{2}$ --3 $\frac{1}{2}$	S
15.190 OIE		12 $\frac{1}{2}$ -----5 $\frac{1}{2}$	SMTWTF S
15.195 TAO			S
15.200 DJB		11 $\frac{1}{2}$ 12 $\frac{1}{2}$	S
15.210 W8XK	8-9	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$	SMTWTF S
15.220 PCJ-2	9-----7		SMTWTF S
15.243 TPA-2	9 $\frac{1}{2}$ --11		T
15.250 W1XAL	6-----11		W
15.270 W2XE		2-3 $\frac{1}{2}$	SMTWTF S
15.280 DJQ		1-----3	MTWTF
		1 $\frac{1}{2}$ 2 $\frac{1}{2}$	S S
15.290 LRU	7---9	4 $\frac{1}{2}$ -----10 $\frac{1}{2}$	SMTWTF S
15.290 OAX4Z			SMTWTF S
15.300 YDB Soerabaia			SMTWTF S
15.330 W2XAD	12 $\frac{1}{2}$ -----6	10 $\frac{1}{2}$ -----2	SMTWTF S
15.340 DJR			SMTWTF S
15.370 HAS-3	9-10		SMTWTF S
17.760 DJE		11 $\frac{1}{2}$ 12 $\frac{1}{2}$	S
17.770 PHI-2	6-7 $\frac{1}{2}$		S
	7 $\frac{1}{2}$ --9 $\frac{1}{2}$		SMTWTF S
	6 $\frac{1}{2}$ -----9 $\frac{1}{2}$		MT TFS
17.780 W3XL		4-----8	S
17.800 OIH			SMTWTF S
17.810 TPB3	9 $\frac{1}{2}$ --11		S
17.830 LRA-5		3-4 $\frac{1}{2}$	SMTWTF S
19.020 HS6PJ	8---10		F
21.080 PSA		11 $\frac{1}{2}$ 12	M
21.450 DJS			First Thursday
21.500 W2XAD	8-----12		SMTWTF S
21.540 W8XK	7---9		SMTWTF S
21.550 OII			MTWTF S
21.565 DJJ	6-7 $\frac{1}{2}$		SMTWTF S
21.570 W2XE	7 $\frac{1}{2}$ -----10		MTWTF S
	8-----1		S S



DELUXE CONSOLE



TABLE MODEL

(Available in Black, Silver or Grey Finish)

---

---

**A  
PROFESSIONAL  
RECEIVER  
for  
THE TRUE DX'er**

**PR-15**

**THE RECEIVER THAT HAS EVERYTHING!**

- ★ 2 Stages of RF all Bands.
- ★ Iron Core IF's.
- ★ Automatic Noise Silencer.
- ★ Series-Parallel band-pass type Crystal to give you the *Last Word* in Selectivity.
- ★ Hi-Fidelity Control for Real Tone.
- ★ Dual Tone Control.
- ★ Unsurpassed DX Reception.
- ★ Professional Metal Case Table Model available to those who may not desire the Console.
- ★ If you can't hear them on a PR-15, they *can't* be heard!

*Send for Descriptive Folder*

**PIERSON-DeLANE, Inc.**

2345-47 W. WASHINGTON BLVD.

LOS ANGELES

CALIFORNIA

10 CENTS

FEBRUARY

# SHORT WAVE REPORTER



OFFICIAL DATA AND FREQUENCIES  
TUNING TIPS  
IDENTIFICATION AIDS  
NEW STATIONS AND STATION NEWS



## FINLAND

OFD Lahti, Suomi (Finland) 1 kw 9.500; OFE 1 kw 11.780; Finnish Time 7 hours ahead of EST. (i) Bar of five quarter music. (s) Finnish National Anthem. Messrs. Rautio, Enehjelm, Mrs. Jakobsson-Lilius, Miss K. Puuska, Announcers. Arvi Hauvonen, Engineer. J. V. Vakio, Managing Director. Finnish Broadcasting Corporation—O. Y. Suomen Yleisradio A. B. (Joint stock company 90 pc State owned) Operators. Address: Helsinki, 15 Fabianinkatu, Suomi. 21.550 OII

9.500 OFD	12 $\frac{1}{2}$ -----5	SMTWTFS
11.780 OFE	-----12	1----- SMTWTFS
15.190 OIE	9-----5	1----- SMTWTFS
17.800 OII	4-----9	SMTWTFS

## BROADCAST SCHEDULES

Eastern Standard Time

3.490 CR7AB	12-----4	MTWTFS
4.876 ZRD	12-----3 $\frac{1}{2}$ 12-----3 $\frac{1}{2}$ 12-----4	S MTWTF S
6.005 HP5K	7---9    11---1    5-----11	SMTWTFS
6.060 W8XAL	8-----7 $\frac{1}{2}$ 11-11 $\frac{1}{2}$ 5 $\frac{3}{4}$ -----7 $\frac{1}{2}$ 11-11 $\frac{1}{2}$ 1-2 5 $\frac{3}{4}$ -----7 $\frac{1}{2}$ 11-12 1-2 5 $\frac{3}{4}$ -----11 1-2 5 $\frac{3}{4}$ -----12 1-2	S W F T S M T
6.060 W3XAU	7 $\frac{1}{2}$ -----11 11-----2 11 $\frac{1}{2}$ -----1 12-1 12-1	S T W F S S M F M T MTWTFS
6.137 CR7AA	5---7    10-----2 4 $\frac{1}{2}$ --6 $\frac{1}{2}$ 9 $\frac{1}{2}$ --11 12-----4 9-----11	S MTWTFS S
6.170 W2XE	11 $\frac{1}{2}$ ---1 12-1	S S MTWTF
6.210 Saigon	7 $\frac{1}{2}$ ---9 $\frac{1}{2}$ 11 $\frac{1}{2}$ ---1 7---9 $\frac{1}{2}$	S MTWTFS
6.520 YV4RB	11 $\frac{1}{2}$ 12 $\frac{1}{2}$ 5 $\frac{1}{2}$ -----9 $\frac{1}{2}$	SMTWTFS
9.550 TPB-11	11 $\frac{1}{2}$ -----6	SMTWTFS
9.590 W3XAU	7 $\frac{1}{2}$ -----11 $\frac{1}{2}$ 7 $\frac{1}{2}$ -----10 $\frac{3}{4}$ 10 $\frac{3}{4}$ 11 $\frac{1}{2}$	M T S
9.650 W2XE	5-----8 6---8	MTWTF MTWTF S
9.753 ZRD	5 $\frac{1}{2}$ ---7    9-----11 $\frac{1}{2}$ 3 $\frac{1}{2}$ ---7 $\frac{1}{2}$ 9-----11 $\frac{1}{2}$ 4-5	S MTWTFS 3rd Sunday S
11.718 CR7BH	5---7    9-----11 4 $\frac{3}{4}$ --6 $\frac{1}{2}$ 9 $\frac{1}{2}$ --11 12-----4	S MTWTFS T T S
11.740 CS2WD	2-3 $\frac{1}{2}$	S
11.830 W2XE	3-----6 3 $\frac{1}{2}$ -----6 6 $\frac{1}{2}$ -----11 6 $\frac{1}{2}$ -----1	S S MTWTF S
15.270 W3XAU	3-----7	SMTWTFS
15.270 W2XE	1---3 1 $\frac{1}{2}$ 2 $\frac{1}{2}$	MTWTF S
21.520 W3XAU	1-2 $\frac{1}{2}$	SMTWTFS
21.570 W2XE	7 $\frac{1}{2}$ ---10 8-----1	MTWTF S

# Short Wave Reporter



## HEAR OSLO!

The new Norwegian station at Oslo, with 5 kilowatts power, is now broadcasting regularly on a number of channels. Aside from those listed below, it is reported heard in the eastern U. S. on 9,610 kc in parallel with LKC 9,530. The latter station has been well received in the Mountain States near midnight, but with the inauguration of the General Electric station W6XBE at Treasure Island on 9,530 kc, this opportunity may become a thing of the past. Eastern listeners should experience no difficulty in logging the higher frequencies. It should be noted that with the exception of LKJ, a 1 kw station at Jeloy, all of these 5 kw stations are located in Oslo proper. Full details follow:

"Norwegian State Short Wave Broadcasting Station," Oslo 5 kw LKC 9,530, LKQ 11,735, LKV 15,170 & Jeloy 1 kw LKJ 6,130 relaying Norwegian National Program from Oslo. (i) 6 notes, "Hallo, Oslo." (s) National Anthem, "Ja, vi elsker" (Yes, We Love this Country" and motif from Grieg's "Sigurd Jorsalfar." Men announcers. Olav Midttun, Program Director. Government Station. Studios: Norsk Rikskringkasting, Stortingsgaten 28, Oslo. Address reports to: Administration of Telegraphs, Radio Department, Oslo, Norway.

11,735 LKQ	4-----9	SMTWTFS
15,170 LKV	10-----1	SMTWTFS
9,530 LKC	1-----6 8-9 11-12	SMTWTFS
6,130 LKJ	12-----6	SMTWTFS

## SWEDEN

The Office of the Director General of Swedish Telegraphs writes: "Concerning reception of short-wave broadcast transmissions . . . beg to advise you that verification cards are not used by our broadcasting stations." The stations affected are SBO & SBP.

---

SHORT WAVE REPORTER published monthly (excepting July and August) by Quixote Radio Club, Box 772, Santa Barbara, California.  
 10 Cents a Copy, \$1 a Year (10 issues).  
 Entire contents copyright 1939 by E. J. Shields. Chots.  
 Advertising accepted of reputable firms only. Rates on application.

# SX-17 SUPER SKYRIDER

age from 5 meters to the top of the broadest band, fractional microvolt sensitivity on all amateur bands, variable selectivity that ranges from broad high fidelity to better than 1 kc with crystal filter in circuit, 2 stages of Pre-Selection and a built-in Automatic Noise Limiter for cleaner reception on the higher frequencies, the SX-17 provides the amateur with a quality and versatility of performance that is difficult to surpass.

All this at its moderate cost, explains the world-wide preference of the amateur radio fraternity for the SX-17. Your Hallicrafters dealer will gladly show you the SX-17, or complete description will be sent you on request.

**the hallicrafters inc.**

2609 Indiana Avenue, Chicago, U. S. A. Cable Address: HALLCRAFT, Chicago

WORLD'S LARGEST BUILDERS OF AMATEUR COMMUNICATIONS EQUIPMENT

ITALY

2RO Rome (Prato Smeraldo) 50 kw 9.635 & 11.810 (o) "Bells of Rome." (i) Twittering of mechanical Chaffinches. (s) Royal March & Fascist Anthem "Giovinazza." R. O. Andreani, Announcer, American Hour. Ente Italiano per le Audizioni Radiofoniche (E.I.A.R.), Owners & Operators, 5 Via Montello, Rome.

6.035 12RO1	11.810 12RO4	17.770 12RO7	15.100 12RO10
6.930 12RO2	15.170 12RO5	17.820 12RO8	7.220 12RO11
9.635 12RO3	15.300 12RO6	9.667 12RO9	
11.810 12RO4			
4 $\frac{3}{4}$ -----12			SMTWTFS
9.635 12RO3	12-----9		SMTWTFS

Italo Radio, Societa Italiana per i Servizi Radioelettrici, Rome, Via Calabria, 46-48.

6.355 ICC	3-3 $\frac{1}{2}$		SMTWTFS
9.830 IRF	12 $\frac{1}{4}$ 1 $\frac{1}{2}$ 3 $\frac{1}{2}$	6-----9	SMTWTFS
11.676 IQY	12 $\frac{1}{4}$ 1 3-3 $\frac{1}{2}$		SMTWTFS
5-5 $\frac{1}{4}$			MTWTFS

ITALY

Rome advises the QRC officially that, "Transmissions on all wavelengths except 2RO-3 and 2RO-4 are irregular at present. 2RO-5 and 2RO-8 may often be heard relaying regular 2RO programs." Listeners on the Pacific Coast may occasionally log these latter stations just after sunrise.

PHILIPPINES

In verifying the reception of Canadian listeners, Studio Manager Al Naftaly of KZIB Manila 9.500 kc expresses gratification that his station, with an output of "only 1 kw" on short wave, should be heard at such distant points. When all reports are in, he may well be surprised. Radio KZIB is owned and operated by I. Beck, Inc., with studios atop the Crystal Arcade Building, and transmitter at Novaliches. Postal address is Box 440, Manila, P. I.—QRC 1116 B. C.

KZIB Manila, P. I., 1 kw 9.500. I. Beck, Inc., Owners. Plant: Novaliches. Studios: Atop the Crystal Arcade Building. P. O. Box 440.

POLAND

Last month's mystery stations in parallel on 6,140 and 9,525 kc from 3 to 5:30 p. m. EST proved respectively to be SP-48 and SP-31 of Polskie Radio, Mazowiecka 5, Warsaw, Poland—QRC 1462 Eng.

Due to the proximity of other stations, reception of SP-31 is possible in eastern North America only by the use of a crystal. SP-48 suffers less interference until blotted out by COCD of Habana. Announcements are infrequent and the hour much too early for best signal strength in America.

JAPAN

In February, Tokio will introduce a new transmitter—JLG 7.285 kc (41.18m)—for the European broadcast at 2:30 till 4 p. m. EST. Otherwise the Tokio operating schedules continue as shown in the January REPORTER. Reception of JLG in America at the above hour is highly improbable.

## CHINA

QRC 1208 La. reports, "Just received a letter of verification from ZTJ Hankow, 11,691 kc, mailed October 24 via air to Kuming and thence by ordinary mail. It states in part, 'As Hankow has been subjected to constant aerial attacks by the Japanese, the officials of XTJ have decided to move the station into the interior. . . . However, our programme 'The Voice of China' is now broadcast from another short-wave station XGRV in Chungking, operating on 11,540 kc. We broadcast news for half an hour twice daily, beginning from 12 o'clock noon and 7 o'clock p. m. respectively (Western China Time). The noon programme is in Chinese and Japanese, while the evening programme is in English and French."

Western China Time being exactly 12 hours ahead of EST, the foregoing broadcasts occur at midnight and 7 a. m. EST respectively, with conditions favoring reception of the latter broadcast in eastern USA. Reports should now be addressed, of course, to Chungking.

Just when we thought the foregoing information to be definite, QRC 1401 F.M.S. favors us by air mail

with the published schedule of "The Voice of China" with call XRVG and frequency 11.418 kc. Having tuned for this station several mornings at 4 a. m. PST, only to find the 25 meter band silent, we are in a quandary.

Likewise we are indebted to QRC 1401 F.M.S. for air mailing the published program of the Kweiyang Broadcasting Station which gives the call as XPSA and frequency 6.980 kc (42.98 m). Having understood the announced call as XGFA, we are persuaded one should never believe all he hears. A typical program of the morning session in EST—the only session audible in America—follows: 7:50 a. m. Songs; 8 a. m. Speeches, Chinese music, comment on current events and time signal relayed from the Chinese Central Radio Station; 8:25 Talk on war in Chinese, Amoy and Cantonese dialects, and Malay music; 8:45 Reports in Japanese and relayed program! 9:00 News in English and Malay; 9:25 News in Amoy and Cantonese dialects; 9:55 News in Chinese; Memorial song for Dr. Sun Yat-sen; 10:10 a. m. EST Close down.

Radio Hanoi I, Hanoi, 15 watts, 9.510 kc. Discontinued December 31, 1938, due to new copyright tax of Frs. 11 per hour. See Radio Hanoi II, below, for further details.

Radio Haoni II, Hanoi, French Indo-China, 100 watts, 11.900 (s) "La Marseillaise." Operators: Radio Club d'Indochine, 32, Rue de la Pepiniere, Hanoi.

11,900 Hanoi II	8½--10½	S
6-----9½	12---2½	MTWTFS
----5 6-----9½	12-----	S

Radio Volontee Indochinoise, Hanoi, 7.100. Schedule 12 midnight till 2 a. m. EST. Not audible in America. Studios: 15, Bd. Rollandes.

**SOUTH AFRICA**

New operating schedule and frequencies of the 300 watt Durban station are given in this issue. The Chief Engineer suggests that "to obtain immediate response to reception reports . . . address to S. A. Broadcasting Corporation, P. O. Box 4559, Johannesburg, and enclose reply coupons. Imperial reply coupons are necessary in the case of the British Empire and International reply coupons in the case of all other countries."

**FRANCE**

Paris advises that the power of the TPB series of stations is 20 kw while the TPA stations use 12 kw only. However, in the evening the stronger TPB7 on 11.885 is directed to South America, while the weaker TPA4 on 11.718 is directed to North America, no fair contrast being afforded.

**MACAU**

CRY-9 Macau appears to have settled down on 6,100 kc where they may be heard on the Pacific Coast Monday mornings from 5:30 till 7 a. m. PST. Quality is not so good as in November, but at 7 a. m. PST they leave the air with the announcement: "CRY-9 Macau closing down until next Monday at the same time."

**IRAQ**

From QRC 1462 England comes the report of a new station in Baghdad, heard there almost daily from 8:30 a. m. till 3 or 4 p. m. EST. Station is YIJG on a frequency of 7,200 kc. All announcements are in native tongue. Time is 3 hours ahead of GMT and the hour may be heard striking at sign-off. Broadcasts conclude with the National Anthem of Iraq.

The frequency and time of these broadcasts offer little hope of reception in North America.

**RUMANIA**

Daily experimental transmissions from 9 till 10 a. m. EST on a frequency of 7,140 kc (42 meters) are conducted by the station of the physics laboratory of the Technical High School at Timisoara, Rumania.—QRC 1462 Eng. Time and frequency offer no prospect of reception in America.

**GUADELOUPE**

East coast listeners report the reception of Radio Guadeloupe, Pointe-a-Pitre, Guadeloupe, F. W. I., on a frequency of 7,445 kc from 6 till 7 p. m.—sometimes until 7:30 p. m. EST. Postal address is believed to be P. O. Box 125.

---

EAQ "The Voice of Republican Spain," Madrid, 20 kw 9.860. Transradio Espanola, S. A., Owner. Apartado 951.

EAR "La Voz de Espana Republicana," Madrid, 20 kw 9.480 (o) "Desfile Nacional." (s) "Himno de Riego." Fernando Sainz, Carlos Ercilla & Armando de Azevedo, Announcers. Manuel Trigo and Francisco Crespo, Technicians. Alberto Marin Alcalde, Director. Gobierno de la Republica, Owner. Studios: Medinaceli, 2. Apartado 782.

9.480 EAR

4½ 7---

SMTWTFS

**ANGOLA**

Reception of CR6AA Lobito is reported in eastern U. S. on 7,745 kc instead of 7,614 kc, the announced frequency. Tone quality suffers slightly from over-modulation.—QRC 8 Mass.

Operating schedule of CR6AA is 2:30 till 4 p. m. EST Monday, Wednesday and Saturdays.

**ICELAND**

Station TFJ Reykjavik 12.235 still broadcasts its shortwave program "every Sunday 1:40 p. m. EST," giving no closing time. Power of the shortwave transmitter is 7 kw, but the long wave transmitter (and we do mean long wave) on 208 kc has been increased from 16 to 100 kw. Schedule of the latter is 8 till 9 a. m., and 3 till 6:30 p. m. EST daily; Saturday and Sunday nights till 8 p. m. Of course this is not short wave, but might interest someone.—QRC 1394 Colo.

I find the REPORTER excellent—far above our own DX News. Please count my vote for continuance of SWL card reproductions. I also exchange SWL cards, photos or views—anything most interesting to others—so drop me a line, fellows. It takes 27 days for the REPORTER to reach me here, so I hope you'll put me first on the mailing list.—QRC 1471, Fred Bluett, Midhirst P. O. Box 8, Taranaki, New Zealand.

**F. M. S.**

"Kuala Lumpur, ZGE, as intimated in the November issue of the REPORTER, has ceased broadcasting, due largely to economic reasons, I believe, and no statement as to whether broadcasting will be resumed has yet been made (as of December 10, 1938)."—QRC 1401 F.M.S.

**COLOMBIA**

B. Botero Londono, Manager of the partnership Botero, Hoyos, Gutierrez & Company, Owners and operators since December 1, 1938, of station HJ6FAH "The Voice of Armenia," of the city of that name, has had the kindness to inform the QRC of many improvements which the new owners plan to introduce in the service of that station. This station will soon be on the air fourteen hours daily with programs of the highest order. After dark, listeners in eastern U. S. should have little difficulty in logging these interesting programs.

**NORWAY**

Oslo is now operating several new 5 kw stations, LKC 9.530, LKQ 11.735 and LKV 15.170 being on regular schedule. For comparison, they also broadcast on 9,610 kc—call unknown. Listeners in eastern U. S. may log LKV from 10:30 a. m. till 12:45 p. m. EST when TGWA Guatemala comes on the air, blotting out the final quarter hour of their program.

---

Schwarzenburg (Berne) Experimental Short Wave Station (no call letters used) 9.535, 11.865 and 15.305. Address: Direction Generale des Postes, Telegraphes et Telephones, Division des Telegraphes et des Telephones, Section Telegraphie et Radio, Berne, Speichergasse 6, Switzerland.

NEW STATIONS

4.795 Ibague, Colombia	HJ6FAI	9.390 Ica, Peru	OAX5C
4.805 Manizales, Colombia	HJ6FAB	9.500 Manila, P. I.	KZ-1B
4.825 Cali, Colombia	★HJ5EAD	9.525 Warsaw, Poland	SP-31
4.840 Calcutta, India	VUC2	9.530 Oslo, Norway	L K C
4.845 Bogota, Colombia	★HJ3CAD	9.610 Oslo, Norway	L K ?
4.876 Durban, So. Africa	Z R D	9.630 Bucaramanga, Col.	★HJ7GAD
4.885 Medellin, Colombia	★HJ4DAP	9.650 Addis Abeba, I. E. A.	IABA
5.984 Quibdo, Colombia	HJ4DAG	9.667 Rome, Italy	I-2RO-9
6.035 Rome, Italy	I-2RO-1	9.753 Durban, So. Africa	Z R D
6.054 Pereira, Colombia	HJ6FAC	10.400 San Salvador	Y S P
6.140 Warsaw, Poland	SP-48	11.540 Chungking, China	XG-RV
6.145 Medellin, Colombia	HJ4DAE	11.735 Oslo, Norway	L K Q
6.195 La Paz, Bolivia	C P 5	11.740 Lisbon, Portugal	CS2WD
6.210 Saigon, F. I. C.	Boy-Landry	11.900 Hanoi, F. I. C.	Hanoi II
6.280 Trujillo City, D. R.	★HI-1G	15.100 Rome, Italy	I-2RO-10
6.930 Rome, Italy	I-2RO-2	15.170 Rome, Italy	I-2RO-5
7.220 Rome, Italy	I-2RO-11	15.170 Oslo, Norway	L K V
7.285 Tokio, Japan	J L G	15.260 Trujillo City, D. R.	HI-3X
7.445 Pointe-a-Pitre, Guad.	FG8AA	15.290 Delhi, India	VUD-2 ✓ 2-5-11 <sup>PM</sup>
7.745 Lobito, Angola	CR6AA	15.300 Rome, Italy	I-2RO-6
8.650 Medellin, Colombia	★HJ4DAU	15.320 Skamlebaek, Denmark	O Z ?
9.300 Trujillo City, D. R.	★HI-2G	17.770 Rome, Italy	I-2RO-7
		17.820 Rome, Italy	I-2RO-8

Alternate address: Danmarks Kortboelgesender OZF, Statsradiofonien, Heibergsgade 7, Koebenhavn, Danmark.

★HJ6FAH "La Voz de Armenia," Armenia, Caldas, Colombia, 1 kw 4.875 (s) "Soldadito Espanol" pasodoble. Tocayo Ceballos, Announcer. Juan C. Gutierrez A., Technician. Anacleto Gallego, Announcer. Braulio Botero Londono, Gte. German Hoyos Giraldo, Admor. Botero, Hoyos, Gutierrez & Cia. S. C., Owners. Studios: Carrera 3ro entre Calles 6 y 7.  
 4.875 HJ6FAH 8---10½ 5-----10½ SMTWTF5

VUC2 "All India Radio," Calcutta, India, 10 kw 9.530 & 4.840. Government of India, Owners. Address: All India Radio, 1, Garstin Place, Calcutta.

9.530 VUC2 10-----2 S  
 --4 2--- MTWTF5  
 4.840 VUC2 7½-----12 S  
 6½-----12 MTWTF5

YV1RI "Radio Coro," Coro, State of Falcon, 250 w 6.210 (s) "Los Tres Colores" (The Tricolor) march. (i) 4 marimba notes. Gonzalo Marquez Yanez, Announcer. Ernesto Diaz, Technician. Eugenio Grand, Manager. Roger Leyba, Owner & Director. Studios: Casa Urbina.  
 6.210 YV1RI 6-----10 SMTWTF5

★HP5G "Ron Dalley," Exposition Grounds, Panama City, R. de P., 1.5 kw 11.780 & HOA 1.5 kw 2.340 kc (s) "Traviata Prelude." (i) None. Robert Schultz, Inez Nelson, A. Hoffman, Guillermo Munoz U., Announcers. B. Hoffman, Technician. Alfredo Graziani, Director. Salvador Graziani, Manager. National School of Opera, Owner. Studios: 20 East St. P. O. Box 1121.  
 11.780 HP5G 2.340 HOA 6-----10 SMTWTF5

## STATION DATA

Time: Eastern Standard, 5 hours behind GMT.

Symbols: (o) Opening Theme; (i) Interval or Identifying Signal.

(s) Opening and/or Closing Signature.

(★) QRC Reply Vouchers honored.

## ANGOLA

★CR6AA "Estacao Radio Difusora do Lobito," Lobito, 2 kw 7.177 and 7.614 regularly, and 9.666 irregularly. Angola Time 1 hour ahead of GMT. (o) Portuguese Anthem "Maria da Fonte." (i) Three piano notes. (s) Military March "Keepers of the King's Peace" and Portuguese National Anthem. Manuel de Seixas and Mrs. Pepita Silva Graca, Announcers. Alvaro de Carvalho, Owner & Operator. Studios: Avenida da Restinga. P. O. Box 103, Lobito, Angola, Portuguese West Africa.

7.177 & 7.614 CR6AA

2½--4

M W S

## ARGENTINA

LRA "Radio del Estado," (State Radio) Buenos Aires 10 kw (provisionally 500 watts) relays LRA 10 kw 750 kc (s) "Toque de Silencio" (Lights Out). Government Station under the Direction General of Posts & Telegraphs, operated by personnel of the Oficina de Radio-comunicaciones. Address: Oficina de Difusion, Palacio de Correos y Telegrafos, Buenos Aires.

★LRU "Radio El Mundo," Buenos Aires 7.5 kw 15.290, ★LRX 10 kw 9.660—Relay LR-uno 50 kw 1,070 (s) Theme without title composed especially for Radio El Mundo by Maestro Alberto Castellanos. (i) 4 vibraphone notes. Argentine Standard Time one hour ahead of EST. Roydon M. Hummel, Manager. Editorial Haynes Lda. S. A. (publishing house) Owners. Calle Maipu, 555.

## AUSTRALIA

VK2ME "The Voice of Australia," Sydney (Pennant Hills) 20 kw 9.590 (s) National Anthem. (i) Kookaburra laughter. P. Geeves, Announcer. Amalgamated Wireless (A/sia) Ltd., Owners. 47 York Street. Box 2516 BB G.P.O.

VK3ME Melbourne (Braybrook) 1.5 kw 9.510. C. T. Sproule, Announcer. Amalgamated Wireless (A/sia) Ltd., Owners. Verifications: Broadcasting Department, "Wireless House," 167-169 Queen Street, P. O. Box 1674 N, Melbourne, C.1., Victoria. *9.5-0 3-6 39-6-2A*

VK6ME Perth, (Applecross) Western Australia 2 kw 9.590. For veries: Amalgamated Wireless (A/sia) Ltd., Box 2516 B B G.P.O., Sydney N. S. W.

VLR National Short-Wave Station, Lyndhurst (near Melbourne) 2 kw 9.580 & VLR3 2 kw 11.880 (s) "God Save the King." (i) Three gong notes in ascending order. The Australian Broadcasting Commission, Owners. G. P. O. Box 1686, Melbourne, Victoria, Australia.

9.580 VLR

3½-----7½  
3½-----8½  
3½-----9

S  
MTWTF  
S

11.880 VLR3

3½-----7½ 9-----3  
5-----10½ 12-----3

SMTWTF  
S

VK9MI "Only Ship's station in the world licensed to broadcast musical programs," M/v KANIMBLA 50 w 6.010, 11.710 (o) Ship's bell, ship's siren, and KANIMBLA theme song. (s) "Sweet Dreams" followed by "God Save the King." Broadcasts on average thrice weekly, 7 till 7:30 a. m. EST. Miss Eileen Foley, Announcer. C. Robison, Technician. Owners; McIlwraith McEacharn Ltd., 94-96 William St., Melbourne. Box No. 255c G.P.O., Melbourne, Australia.

#### BELGIUM

ORK "Radio Ruysselede," West Flanders 9 kw 10.330 (s) "Brabancenne" National Anthem. Languages: French and Flemish. Announcement: "Ici Bruxelles I. N. R. Emission speciale pour le Congo par la station de Ruysselede ORK 29 m 04." Regis des Telegraphes et des Telephones, Direction des Radiocommunications, Bruxelles.

#### BOLIVIA

CP-1 "Radio Chuquisaca," Sucre, Bolivia, 400 w 9.890, 1.380 & 14.544 (s) "Twenty Years," march. (i) Clarines (Bugles). Carlos Torrez R., Announcer. Antonio Torrez G., Manager. Jose Camacho B., Owner & Director. Studios: Grau No. 19. Casilla No. 15.

CP-7 "Radio Illimani," La Paz, Bolivia, 1 kw 15.300 relays CP-4 10 kw 1,040 kc (o) Folk Music. (s) "Mir Sein die Kaiserjager." Sta. Olga Granier P., Sr. Benjamin Oviedo Rodas, Lizardo Soares, Jorje Gutierrez, Gustavo Velasco, Announcers. Mr. Smith, Technician. Dr. Manuel Elias P., Manager. Government Station under the direction of the Ministry of Communications. Studios: Ingavi 321.

#### BRAZIL

★PRA-8 "A Voz do Norte," Recife 5 kw 6.010 & 25 kw 720 kc (s) "Hymno Nacional Brasileiro." Time signal at noon and 7 p. m. Central Brazilian Time, 2 hours ahead of EST. News at 9:45 a. m. and 4:45 p. m. EST, introduced by sound effects. Nelson Ferreira, Art Director. Otto Sihler, First Operator. Oscar Moreira Pinto, Director-Superintendent. Radio Club de Pernambuco, S. A., Owners. Plant: Estrada do Arraial 3014. Studios & Offices: Av. Cruz Cabuga 394.

★PRF-5, PSA, PSE, PSH Rio de Janeiro (Marapicu) 60 kw (s) "Brazilian National Anthem." ★PSH 10.220 "Hora do Brasil" program daily except Sundays; Portuguese and English Mondays; Spanish Fridays. ★PSE 14.935 to Germany Wednesdays; to Italy Thursdays; to France Saturdays. ★PSA 21.080 first Thursday of each month only. ★PRF-5 9.501 silent at present. Cia. Radio Internacional do Brasil, Owners. Studios: Rua Theophilo Ottoni, 74. Caixa Postal 709.

#### BRITISH GUIANA

VP3BG "The Voice of Georgetown," Georgetown (Demerara) 400 w 6.130 (o) Toselli's "Serenade." (s) "Goodnight" with vocal by Charles Kellman, Announcer. Charles Kellman, Manager & Director. Crystal Broadcasting Co., Owner. Studios: Philharmonic Buildings. P. O. Box 11.

#### BRITISH HONDURAS

ZIK-2 Belize 200 w 10.600. CST April through September; advanced 30 minutes October through March. D. Fairweather, Superintendent. Government Radio Station.

**BRITISH WEST INDIES**

★ZIZ "The Mother Colony of the West Indies," St. Kitts (Basseterre) B.W.I. 500 watts conservatively rated, 6,384. (To change shortly. Notice will be given.) (o) "Rule Britannia." (s) "God Save the King." R. D. Stewart, Director. Caribbean Broadcasting Service (Subsidiary of ICA Radio Sales & Service) Owners. Studios: Ryan Building. P. O. Box 88.

**BULGARIA**

LZA "Radio Sofia, Stara Zagora and LZA," Sofia 1.5 kw 8.465 (s) "Tshoumi Maritza," National Anthem. (i) None. Peter Vitanoff, Elena Shopoff, Ventchi Dobрева, Announcers. Panaote Todoroff, Sirak Skitnik, Directors. Kiril Andreeff, Manager. Government Station. 19, rue Moskovska.

**BURMA**

Rangoon, Burma, 1.5 kw 6,007 kc & 100 w 3,488 kc (s) "God Save the King." Burma Standard Time is 11½ hours ahead of EST. Government of Burma, Owner. Address: The Officer-in-Charge, Burma Independent Wireless Sub-Division, Rangoon.

6.007 Rangoon	9½---11½	S
6½-----10	9----11½	MTWTFSS

**CANADA**

CFCX Montreal, P. Q. (ex VE9DR) 6.005. Relays CFCF. Victor F. Nielsen, Mgr. Canadian Marconi Co., Owners. Box 1690.

CFRX "The Rogers Short Wave Station," Toronto (Aurora) Ontario 300 w 6.070 (o) "Oh! Canada." (i) None. (s) "God Save the King." Harry Sedgwick, Managing Director. Rogers Majestic Corp., Owners. 37 Bloor St. W.

CFVP "The Voice of the Prairies," Calgary (Strathmore) Alberta, Canada, (ex VE9CA) 6.030 relays CFCN 10 kw. "The Voice of the Prairies, Limited," Owners. Studios: Toronto General Trusts Building.

CHNX "The Short Wave Experimental Transmitter of the Key Station of the Maritimes," Halifax (Bedford) 500 w 6.130 relays CHNS (o) "The Maple Leaf for Ever." (i) Four Chimes. (s) "God Save the King." Major Wm. C. Borrett, Managing Director. Maritime Broadcasting Co., Ltd., Owners. Lord Nelson Hotel. Box 400.

CJCX Sydney (South Bar Road) N. S. 1 kw 6.010 relays CJCB 1 kw 1,240 kc. Eastern Broadcasters, Ltd., Owners. Studios: Radio Bldg.

CJRO "Manitoba's Friendly Stations," Winnipeg (Middlechurch) 2 kw 6.150 & CJRX 2 kw 11.720 relay CJRC. (s) "God Save the King." Ken Cameron, Chief Studio Engineer. Norman R. Chamberlin, Publicity Director. H. R. McLaughlin, Manager of Radio Division. James Richardson & Sons, Ltd., Owners & Operators. Studios: Royal Alexandra Hotel.

CKFX "The Short-Wave Voice of British Columbia," North Vancouver, 30 watts input, 6.080. (i) 4 notes on gong. Bert Porter, Announcer. Verifies by card for reply postage. Studios: 339 Eighth Street, East.

## CANARY ISLANDS

★EAJ-43 Santa Cruz de Tenerife 25 kw 10.370 (o) Pasodoble "Los Voluntarios." Spanish News introduced by "Himno de La Legion." (s) Himnos de Falange Espanola, de Requetes, or Himno Nacional Espanol. J. A. Torres and Victoriano Frances, Spanish Announcers. Manuel Ramos Vela, Art Director. Juan Meinke, Technician. Enrique Diaz Exposito, Secretary. Elias Ramos Gonzalez, President. Radio Club Tenerife, Owner. Studios: Alvarez de Lugo, 1. P. O. Box 225.

★EA8AB Santa Cruz de Tenerife 350 w (soon to be 500 w) 7.500. (For further details, please see EAJ-43 above.)

## CEYLON

"Radio Colombo," Colombo 79 52 53 E 6 55 14 N 5 kw 6.160 (i) Bell Record. No call sign, but "Colombo Calling" used during announcements. CST 5½ hours ahead of GMT. Languages: English, Sinhalese, Tamil. Government Station under direction of Postmaster General & Director of Telegraphs. J. Shillitoe, Chief Telecommunication Engineer. Shirley da Silva, Superintendent, Broadcasting Station. Studios: Torrington Square.

## CHILE

CB-960 "Radio La Americana" Seguros de Vida (Life Insurance), Santiago de Chile, 9.600 relays CB-130. Casilla 13,155.

CB-970 Radio La Cooperativa Vitalicia (Mutual Life) "La Voz de Chile para toda America," Valparaiso, Chile, 5 kw 9.700 kc alternately relays CB-76 Valparaiso or CB-78 Santiago (s) March "Pomp and Circumstance" by Elgar. (i) None. Fernando Campos C., Hugo Arteaga Beitia and Lalo Dalton, Announcers. George J. Weshnakow, Technician. Mario Pechini L., Art Director. Luis Falcone Baltra, Manager. Sociedad La Cooperativa Vitalicia, Owner. Studios: Lira 543. Casilla 37-V.

9.700 CB-970 7<sup>38</sup> 11-----11 SMTWTF<sup>S</sup>

★CB-1170 Emisoras "Otto Becker," las Broadcastings populares para toda la America, Santiago de Chile (Los Campos de Sports de Nunoa) 1 kw 11.700 relays CB-89 2 kw 890 kc (s) "Unsere Marine," German March. Raul Braun, Director, assisted by nine announcers. Hector Fernandez, Technician. Bernardo Becker W., Manager. Sucesora Otto Becker Ltda., (Dealers in Musical Instruments—Established 1865) Owners. Studios: Ahumada 113. Casilla 706.

CB-1174 "Radio Hucke," Santiago de Chile, 11.740 relays CB-93. Studios: Av. Bernardo O'Higgins 924.

CB-1180 "Radio Sociedad Nacional de Agricultura," Santiago de Chile, 1 kw 11.980 experimentally. (s) Official time. (i) 3 Chimes. L. Godoy Montt, Technician. Rene Silva Espejo, Director. Mario Undurraga V., Manager. Soc. Nac. de Agricultura, S. A., Owner. Studios: Tenderini 187. Casilla 40-D.

★CB-1185 Radio Estacion "El Mercurio," Santiago de Chile, 1.5 kw 11.850 relays CB-138 "El Mercurio" 1,380 kc (o) "Cancion Nacional Chilena." (s) "La Cancion de Yungay." Jorge Echegoyen, Technician. Jorge Martinez, Agent. Gustavo Campana, Director. L. E. Brain, Manager. Brain & Echegoyen, Owners. Studios: Calle Compania 1214. Casilla 13-D.

CD-1190 "Radio Sur" Voz de Valdivia para todo Chile y America, Valdivia 2 kw 11,900 relays CD-69 5 kw 690 kc (o) "Radetzki March." (i) 4 tone gong. (s) "Fantasias de Serenatas," organ, by Al Bollington. Oscar Leon Cavagnaro, Julio Renard, Jose Bosch, Announcers. Julio Gallardo Cortes, Director. Carlos Kaehler II (CE5AA) Technician. Alberto Carrasco C., Commercial Agent. Arturo Lara Soriano, Manager. C. Kaehler y Co., Ltda., Owners. Studios: Picarte, Edificio Wachsmann, Piso 2, Oficinas 14-18. Casilla 642.

#### CHINA

ZBW-3 Hong Kong 2.5 kw 9.525, ZBW2 6.090, ZBW4 15.190, ZBW5 17.755. Tx Marconi Type SWB8. HKT 8 hrs. ahead of GMT. Hong Kong Broadcasting Committee, Gloucester Hotel Building. Box 200.  
6.090 ZBW2            9.525 ZBW3            15.190 ZBW4            17.755 ZBW5

XPSA "The Kweiyang Broadcasting Station," Kweiyang, Kweichow, China, 6,980 kc.

XRVG "The Voice of China," Chungking, 11,418 or XGRV 11,540.

#### COLOMBIA

HJ1ABB "La Voz de Barranquilla," Barranquilla, 4,785 relays HJ1ABA 1,330 kc. (s) "La Golondrina" (The Swallow) organ solo. Elias J. Pellet B., Owner. Apartado 715. (Won't verify.)

HJ1ABE "La Voz de los Laboratorios Fuentes," Cartagena, 1 kw 4,835 relays HJ1ABF "El Progreso Cartagenero" 1 kw 1,240 kc (o) "Song of the Islands," organ. (i) Two electric bells. (s) "Aloha Oe," organ. Jose Vellojin, Daniel Caseres, Ramon Mendez, Announcers. Bernardo Mendez V., Technician. Antonio Fuentes L., Director. Ramon Mendez V., manager. Laboratorios Fuentes L., Owners. Studios: Calle Universidad 114. Apartado 31.

★HJ1ABG "Emisora Atlantico," Barranquilla (Plant: Barrio Olaya Herrera) 1 kw 6,042.3 relays HJ1ABH 1,080 kc (o) "Himno Nacional" & "Los Cadetes." (i) At 20 minute intervals. Gong followed by Station Identification in Spanish, English and French. (s) "Los Cadetes" & "Himno Nacional." Juan Francisco Soto, Rogelio Camacho, Felix Acosta, Sra. Valentino, Julio Balderama, Announcers. M. A. Blanco, Agent. Andres G. Jimeno, Technician. Alex Blanco S., Manager & Director. Emisora Atlantico, Ltd., Owners. Studios: Paseo Bolivar. Apartado Aereo 174. Apartado Nacional 674.

HJ1ABP "Radio Cartagena," Cartagena 1 kw 9,616 relays HJ1ABR 600 w 1,400 (s) "Under the Double Eagle," March. (i) Xylophone. Alberto Basmagi, Roberto Troncoso N., and Victor Julio, Announcers. J. Balthazar, Director. Roberto Lequerica, Mgr. Radiodifusora Cartagena, Inc., Owners. Apartado 37.

★HJ2BAC "La Voz de Cucuta," Cucuta, Depto. Norte de Santander, 1 kw 4,815 relays HJ2BAB 500 w 1,270 kc (s) "The Song Is Ended" organ solo by Jesse Crawford. (i) "Columna Militar," March. Ernesto Ruan Duran and Luis Eduardo Armas Mendez, Announcers. J. Alejandro Sanchez Cuadros Manager & Technician. Dr. Pompilio Sanchez C., Owner. Studios: Calle 13, Carreras 5a. y 6a.

HJ2BAJ "La Voz de Santa Marta," Santa Marta 1.5 kw 4.865. Julio A. Sanchez T., Owner.

★HJ3CAD Emisora "Nueva Granada," Bogota (Barrio Olaya) 1 kw 4.845 (s) "Para ti Rio Rita," followed by Colombian National Anthem. Jose Roldan-Castello, Eduardo Nieto Umana & Jorge A. Mora, Announcers. Enrique Ramirez, Director. Roberto Ramirez, Manager. Colombia Broadcasting, S. A., Owners. Studios: Carrera 8a. No. 15-91. Apartado 509.

HJ3CAF "La Voz de Bogota," Bogota (ex HKF) 4.855 (s) "Good Night, Sweetheart." (i) 6 chimes. Uribe & Moreno, owners. Studios: Edificio Lievano 301. Apartado 312. (Won't verify.)

★HJ3CAH "La Voz de la Victor," Bogota 1 kw 4.895 relays HJ3CAI 2.5 kw 1,160 kc (o) "Serenade from Student Prince in Heidelberg," organ. (i) 3 chimes. (s) "Russian Lullaby," organ. Rafael Valencia Aguirre, Announcer. Cesar Estevez Leon, Technician. Jesus Maria Garcia, Director. Manuel J. Gaitan, Owner. Studios: Edificio Lievano No. 112. Apartado 565.

★HJ3CAX "La Voz de Colombia," Bogota 1 kw 6.012 (s) "Indian Love Call" from Rose Marie. (i) Notes of the Colombian National Anthem. Eduardo Ramos, Announcer. C. Rios Hoyos, Managing Director. Voz de Colombia, Inc., and Cipriano Rios Hoyos, Owners. Apartado 2665.

HJ4DAE "La Voz de Antioquia," Medellin, Dept. of Antioquia (ex HKO) 1.5 kw 6.145 (s) "Rose Marie," organ. (i) 4 chimes. Gustavo Lopez S. and Mario Jaramillo D., Announcers. Luis Ramos H. Director. Carlos Escobar P., Manager. Compania Colombiana de Radiodifusion, S. A., Owner. Studios & Offices: Carrera Junin No. 52-78.

HJ4DAG "La Voz del Choco," Quibdo, Dept. of Choco, Colombia. 5.984 kc 150 w. Government station, under the Department of Education.

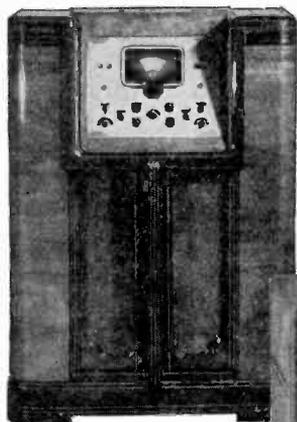
★HJ4DAP "Emisora Claridad," Medellin, 750 w 4.885 relays HJ4DAQ 2.5 kw 1,320 kc (s) "Parade of the Wooden Soldiers." (i) Xylophone. Jorge Sicard and Eduardo Ramos, Announcers. Hugo Jimenez, Technician. Pietro Mascheroni, Director. Jorge Ortiz Rodriguez, Manager. Cia. Antioquena de Radiodifusion, S. A., Owner. Studios: Edificio Uribe Navarro.

★HJ4DAU "Emisora Universidad de Antioquia," Medellin, 75 33 57 W 6 15 06 N 4563 ft alt 350 w (eventually 1 kw) 8.650. (o) "General Vasquez Cobo" March, preceded by ticking of clock and striking of hour. (i) Carrillon of studio clock each quarter hour. Dario Ramirez G., Spanish Announcer; Vicente Uribe, English. Hugo Jimenez A., Technician. Jose J. Sierra C., Director. Clodomiro Ramirez, Rector of the University, Manager. Universidad de Antioquia, Owner. (Transmitter constructed in Physics Laboratories of U. de A.) Studios: Calle 49, Plazuela de la Universidad. Apartado 217.

★HJ5EAD "La Voz del Valle," Cali, Valle 1 kw 4.825 relays HJ5EAB 1,150 kc (s) "Goodnight Melody" by Ted Lewis & Orch. (i) 3 chimes. Samuel Duque & Jorge Mejia, Announcers. Jorge Rivas & Miguel Rivas, Technicians. Eduardo Cordoba, Manager. Eduardo Cordoba, Jorge Rivas & Miguel Rivas, Owners. Studios: Calle 11 Nr. 4-52.

---

**A  
PROFESSIONAL  
RECEIVER  
for  
THE TRUE DX'er**



DELUXE CONSOLE



TABLE MODEL

*(Available in Black, Silver or Grey Finish)*

**PR-15**

**THE RECEIVER THAT HAS EVERYTHING!**

- ★ 2 Stages of RF all Bands.
- ★ Iron Core IF's.
- ★ Automatic Noise Silencer.
- ★ Series-Parallel band - pass type Crystal to give you the *Last Word* in Selectivity.
- ★ Hi-Fidelity Control for Real Tone.
- ★ Dual Tone Control.
- ★ Unsurpassed DX Reception.
- ★ Professional Metal Case Table Model available to those who may not desire the Console.
- ★ If you can't hear them on a PR-15, they *can't* be heard!

*Send for Descriptive Folder*

**PIERSON-DeLANE, Inc.**

2345-47 W. WASHINGTON BLVD.  
LOS ANGELES - - - CALIFORNIA

10 CENTS

FEBRUARY

# SHORT WAVE REPORTER



BROADCAST SCHEDULES  
OFFICIAL IDENTIFICATION AIDS  
NEW STATIONS AND STATION NEWS



## ROLLING OFF A LOG

There is pleasure in logging new stations for it is not unlike a game. The pleasure is intensified—it is more exciting and alluring—if a score be kept for the spirit of contest then enters into the game. With this thought in mind, the QRC devised a plan which embraces all the enjoyable features of a contest, inclusive of prizes, but is distinctly not a contest for it is devoid of chance. You are absolutely certain of winning your prize, and as many of them as you may care to win. There are no losers. Using QRC forms, obtainable at 90 for 9 cents, post-paid, the object is to log 30 different shortwave *broadcast* stations, 10 times each—a total of 300 reports. This entitles you to a prize valued not in excess of 75 cents, such as a National Geographic Society map, on linen, or, for instance, you may add 50 cents and receive an Amateur Call Book. For each additional 30 stations logged ten times, you may select an additional prize.

You may tune at your pleasure, there being no appointed time, but at least an hour should elapse before again logging the same station. Reports should be on shortwave *broadcast* stations only; not point-to-point relays, telephone circuits, special services nor amateurs. By "broadcast" is meant entertainment for reception by the general public. A musical selection or an advertised product, by name, is a sufficient log. Unless in the station's own language, a longer log is not desirable. Reports may be sent the QRC monthly or oftener, at your convenience, each accompanied by a half cent, of which a quarter cent applies toward the prize to be selected by you upon completing 30 stations, ten times each, and the remainder is for forwarding postage. Reports are forwarded by the QRC to the respective stations upon assembly from all sources of a mailing unit. If the postal rate is 3 cents, 15 reports for the same address constitute a mailing unit, or if 5 cents, 25 reports. This is the Connoisseur Plan—a privilege reserved for the exclusive enjoyment of QRC members.

The verification of any Connoisseur Report (Dime Veri stations excepted) will be requested for you if you mark it with a "v" in the left-hand margin and deposit 6 cents additional (6½ cents in all). You have no letter of request to write the station as this the QRC does for you. In requesting your veri, the QRC offers the station a copy of the REPORTER in lieu of reply postage. If no veri is forthcoming, no REPORTER is sent, 5 cents of your deposit being refunded you. This enables the QRC to guarantee "your verification or your money back." For accounting purposes these veries are requested sent by the stations to the QRC for delivery.

# Short Wave Reporter



## HEAR ROBERTS HEIGHTS!

A number of new transmitters have been inaugurated by the South African Broadcasting Corporation, P. O. Box 4559, Johannesburg, South Africa. These we list below, together with their current operating schedules. American listeners from coast to coast may now log the two more powerful of these stations at 11:45 p. m. EST. SAT being 7 hours ahead of EST, the program at this hour consists of morning "physical health" exercises with piano accompaniment. The session opens and closes with bugle calls, while at midnight EST the hour of seven will be heard to strike. Tune for ZRK 9,606 or ZRH 9,523 kc.

6,007	ZRH Roberts Heights near Pretoria, 5 kw		
		10½ --- 12½ --- 3¼	
		10 ----- 4	S
		10 ----- 4¾	MTWTFS
6,097	ZRJ Maraisburg near Johannesburg, 200 w		
		3½ --- 5	8 ----- 11½
		3¾ ----- 7¾	9 ----- 11¾
		3¾ ----- 7½	8½ ----- 11¾
6,097	ZRK Klipheuvcl near Capetown, 5 kw		
		12 ----- 3¾	11¾ 12¾
		12 ----- 4	S
			MTWTFS
6,150	ZRD Durban, 10 w		
		8 ----- 11½ 12 ----- 3¼	
		3¾ ----- 7¾	9 ----- 3¾
		3¾ ----- 7½	9 ----- 4
			11¾ 12¾
			S
			MTWTFS
9,523	ZRH Roberts Heights near Pretoria, 5 kw		
		3½ --- 5	5 --- 7½
			11¾ 12¾
			S
			MTWTFS
9,606	ZRK Klipheuvcl near Capetown, 5 kw		
		3½ --- 5	8 ----- 11¾
		3¾ ----- 7½	9 ----- 11¾
			11¾ 12¾
			S
			MTWTFS

Occasionally West Coast listeners may also log certain of these transmissions at daybreak, particularly ZRK 9,606 and

SHORT WAVE REPORTER published monthly (excepting July and August) by Quixote Radio Club, Box 772, Santa Barbara, California.  
10 Cents a Copy, \$1 a Year (10 issues).

Entire contents copyright 1938 by E. J. Shields, Chots.  
Advertising accepted of reputable firms only. Rates on application.

ZRH 6.007 kc. In this instance the radio path enveloped in darkness is via the longer way round, the difference in time between Johannesburg and the Pacific Coast in this direction being 14 hours. Stretch the darkness of night as we may, two hours of daylight still remain to be traversed by the radio wave. Splitting the difference, peak reception might reasonably be expected exactly one hour after sunrise. Of the seasons, spring and autumn may most nearly conform to these expectations. Reception of the lower powered stations, and particularly ZRD 10 watts is improbable.

### BRITISH GUIANA

Manager Charles Kellman of Station VP3BG Georgetown 400 w 6,130 kc advises that the operating schedule and musical themes of his station are subject to change at any time, programs now opening with Toselli's "Serenade" and closing with "Goodnight" of which he himself renders the vocal refrain. He further remarks that "We answer and verify all reports received, and would appreciate it if shortwave listeners would enclose an International Reply Coupon with their reports." Postal address: Box 11, Georgetown, Demerara, British Guiana, South America.

### COSTA RICA

January 2 Station TI4NRH of Heredia reappeared on 9,690 kc testing with 500 watts power. Using the slogan, "The Voice of Costa Rica," Sr. don Amando Cespedes Marin greets his friends and invites listeners to write him letters—not postcards for these get in his hair.

HP5F "La Voz de Colon," Colon 250 w 6.050 (o) "Washington Post March." (i) Bugle call, twice. (s) "Los Bomberos de Colon" (The Firemen of Colon). C. E. Villalaz & Roy Greene, Announcers. Roy Greene, Commercial Agent. C. E. Villalaz, Director & Manager. Manuel Diaz Doce, Owner. Studios: Cristobal Nuevo 10,091 esq. a Novena. Apartado 427. 8-9 11-11 4-6 8-10½ SMTWTFSS

### ADDITIONS

4.585	Quito, Ecuador	HC1GQ
6.007	Roberts Heights, S. Af.	Z R H
6.015	Pernambuco, Brazil	PRA-8
6.050	Colon, Panama	HP-5F
6.465	Barquisimeto, Ven.	YV3RD
9.100	Habana, Cuba	CO CA
9.300	Trujillo City, D. R.	H I G
9.523	Roberts Heights, S. Af.	Z R H
9.565	Bombay, India	V U B
9.606	Klipheuvcl, S. Africa	Z R K
9.636	Taihoku, Taiwan	JF-AK
9.830	Rome, Italy	I R F

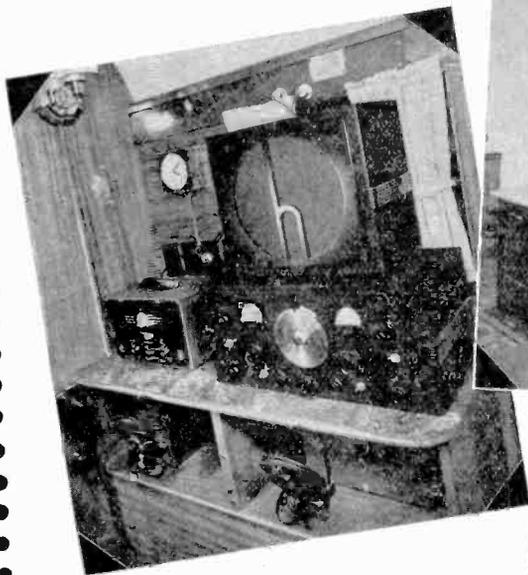
### CHANGES

4.740	Ibague, Colombia	HJ6ABC
4.770	Santa Marta, Col.	HJ2ABJ
5.880	Barquisimeto, Ven.	YV3RB
5.915	Port-au-Prince, Haiti	HH-2S
6.015	Bogota, Colombia	HJ3ABX
6.065	Medellin, Colombia	HJ4ABP
9.290	Cuayaquil, Ecuador	HC2CW
9.600	Santiago de Chile	CB-960
9.610	Ica, Peru	OAX5C
9.690	Heredia, Costa Rica	TI4NRH
9.740	Habana, Cuba	CO-CQ
9.960	Habana, Cuba	CO-BC

Reports for verification should quote some of his remarks instead of naming selections heard since the programs are informal, that is, no record of the musical numbers being kept. Bugle calls are frequent. Address: Apartado 40.

# A page from the hallicrafters Scrapbook

Interior View of WFBR Mobile Transmitters showing 1938 Super Skyrider.



THE CONTROL BOARD OF WFBR, NBC station of Baltimore, Md., showing panel installation of 1938 Super Skyrider.

TED ROGERS—famous short wave radio columnist of the N. Y. World-Telegram spins the dial of his Super Skyrider.



HENRY HOFFMAN, operator for Rev. Father Paul Schulte, "Flying Priest of the Arctic," writes from his post in the Arctic waste—"With the Sky Challenger, low power transmitters were received over a surprisingly long distance, where all other receivers I used this summer in the Hudson Bay failed." Hallicrafters receivers are also used in the MacGregor Expedition now in the Arctic regions.

THUMBING through the Hallicrafters' Scrap Book, one cannot help being impressed by the widespread acceptance of Hallicrafters Communications Receivers. We are proud to show on this page a very few of the outstanding personalities who operate Hallicrafters receivers and their rigs.

the hallicrafters inc.

2611 Indiana Avenue, Chicago, U. S. A. • Cable Address "Hallicraft" Chicago  
WORLD'S LARGEST BUILDERS OF AMATEUR COMMUNICATIONS RECEIVERS

**CHILE**

Messrs. Godoy, Rocuant y Cia. Ltda., Owners & Operators of Radio Station CB-960 of Santiago de Chile, on an assigned frequency of 9,600 kc, inform the QRC that the power of their station is soon to be increased to 1 kw output. This station generally leaves the air too early in the evening to be well received in North America, but may be logged on those special occasions when their programs continue to a later hour than is usual.

**BULGARIA**

Although the QRC does not ordinarily devote space to items relating to long wave broadcasts, at the instance of the Director General of Broadcasting, listeners who may hear Radio Sofia's powerful new transmitter are requested to report their reception, noting particularly the characteristics of fading, clarity or tone quality, signal strength, interference, etc. Power is 100 kw in the antenna, frequency 850 kcs, and location 23 miles southeasterly of Sofia. Schedule in EST: Week-days, midnight till 1:30 a. m.; 5 till 8 a. m.; and noon till 4 p. m. Sundays and holidays, midnight till 3:45 a. m.; 5 till 8 a. m.; and 10 a. m. till 5 p. m. Please address reports to: Radio Sofia, 19, rue Moscovska, Sofia, Bulgaria.

We take this occasion to reiterate our appreciation of courtesies extended the QRC by Radio Sofia and to remind members who may be interested in philately that American collectors are invited by Mr. Ivan Kazansky, whose address is: ulitza "Tzar Samuil," 5, Sofia, Bulgaria, to trade unused pairs of North or South American issues since 1920, mint copies with full gum, for their choice of European stamps on a basis of Michel, Froede's and Ivert catalog.

**INDIA**

Mr. Victor Paranjoti, Asst. Director of All India Radio at Bombay, courteously informs the QRC that the power of Station VUB will be increased to 10 kw from 4½ kw, effective in March, 1938. The operating schedule published elsewhere in this issue, offers promise of morning reception on the Pacific Coast.

**COLOMBIA**

Comes now Radio Bucaramanga, Station HJ7ABD (formerly 2ABD) on a frequency of 9,630 kc, having just received from their printer a supply of attractive verification cards in coffee color—symbolic of one of Colombia's most important products—and they have kindly given assurance that all correct reports, by whoever submitted with a dime and 3 cents postage via the QRC, will be promptly verified.

---

CB-960 Santiago de Chile 1 kw 9.600 (s) Newton's melody "Somewhere a Voice Is Calling," organ solo. O. Robles, Announcer. Ing. L. Godoy Montt, Technical Director. O. Rocuant Figueroa, Manager. Godoy, Rocuant y Cia., Ltda., Owners. Plant: Capitan Orella 2511. Studios: Compania 1288, Fourth Floor, Offices 1-2. Casilla 1342.

9.600 CB-960

10 ½ ----- 1 ----- 4

6 --- 8

S  
MTWTFSS

**MARTINIQUE**

A member comments: "Radio Martinique failed to verify for me so far but I sent them another report. Some say that Radio Martinique is on 9,730 kc and Radio Fort-de-France on 9,680 kc. I received Radio Martinique on 9,680 so I believe it is just the opposite. I notice the REPORTER also states Radio Martinique 9,730 kc."

Assiduous readers of the REPORTER will recall that the former Radio Fort-de-France, owned and operated by Edouard Boullanger Sons, after a brief period of activity on an announced frequency of 9,450 kc, lapsed into silence. When Radio Martinique appeared on 9,680 kc, it was at first believed to be the former on a new frequency, but was later found to be an entirely new and distinct station owned by V. Seri. Although in fact near 9,680 kc, the station announced its frequency as 9,730 kc. In view of the possibility that this deviation might be corrected at any moment, the QRC has found the only practical listing to be the official frequency. Any deviation from this frequency then becomes an error of the station, not ours. Whichever frequency we list, however, there would seem no escape from eternal explanation.

The latest letter-*veri* to come to our attention states still another frequency, so listeners may take their choice: "Please excuse us for not having answered your letter before. We have not yet our QSL cards and therefore regret not to be able to send you one but will do so as soon as we receive them. We can, how-

ever, confirm the similarity of your log and ours. Here is some information on our station that may interest you: Station built by ourselves; frequency 9,700 kcs; power 200 watts; Doublet antenna 20 meters in height. We transmit every night from 7:45 to 8:45 p. m. local time. We would be obliged if you would kindly send us from time to time the results of our transmissions." Radio-Martinique, Boite Postale 136, Fort-de-France, Martinique, F. W. I.

**CANADA**

Manager Allison M. Jagoe has had the kindness to advise that station VE9BK of Vancouver 4,795 kc is now off the air and is not expected to be again in operation for at least three months.

**SPAIN**

Verification by letter has been received from Radio Nacional of Salamanca with frequency stated as 10,630.75 (28.22), although the member states this is not in accordance with his observations.

**PARAGUAY**

The continued operation of Radio Cultura at Villarrica 6,040 kc is said to be somewhat precarious since it broadcasts Buenos Aires racing results, an activity prohibited by law in the neighboring Argentine Republic. Latterly the returns have been broadcast in the guise of mathematical problems, the key to which may be purchased at newsstands, but it is anticipated the authorities may yet find a way to prevent the use of land lines in this connection.



### VENEZUELA

Sr. J. M. Diaz G., Owner of "La Voz del Tachira" YV2RA of San Cristobal, has had the kindness to write the QRC, in translation, as follows: "We have noted part of your publicity in support of your verification agreement with various stations. We, too, believe that the majority of listeners desirous of verification cards will soon avail themselves of the opportunity to forward reports to stations through the QRC, that the practice will quickly become general, at the same time being eminently sound since it saves us from the pretensions of listeners who, never having heard the station, merely mention the call letters, frequency and other data taken from any magazine, thereupon considering themselves entitled to the station's courtesy card.

"We will greatly appreciate your advising readers that in reporting

our station they should mention at least three musical selections and three of our commercial advertisements, an important matter for the checking of logs."

Listeners will please note well these specifications. The QRC reserves the right to decline conveying requests to any station if, in the opinion of the QRC, the report fails to conform to that station's requirements.

### URUGUAY

Sr. R. Caissols, Director of Station CXA-2 of the Cia. de Radiopublicidad Continental with studios at Calle Juan C. Gomez 1431, Montevideo, wishes to advise all listeners who have had the kindness to report reception of his station that if no acknowledgment has yet been received, it is due to the fact that cards ordered printed have not yet been finished. Verifications will soon be supplied.

CO-GF "Ecos del Valle del Yumuri," Matanzas 1 kw 11.800 relays  
CMGF 250 w 1,120 kc (s) "Vals Diana." Salvador de la Torre, Manager.  
Bernabe R. de la Torre, Owner & Director. Studios: General Betancourt (Playa) 51.

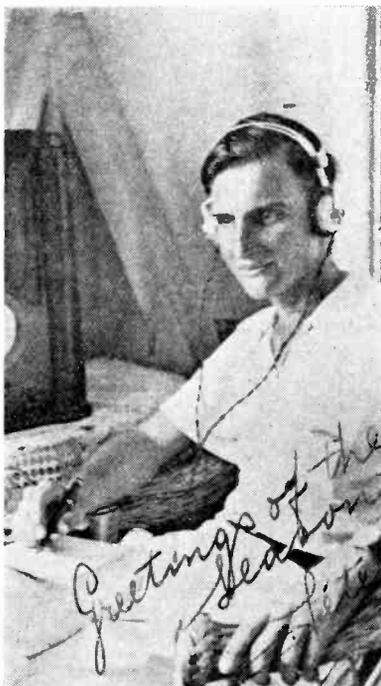
11.800 COGF 8-----10 9\_10 S MTWTFSS

**DOMINICAN REPUBLIC**

Excepting Friday evenings when an hour of music is sponsored by the distributor of Sparton radios, the program of H. I. uno L. Radio-emisora Nacional "El Diario" of Santiago de los Caballeros (6,479 kc) from 8 till 9 p. m. alternate evenings is devoted to propaganda of the Dominican Political Party. On special occasions, sports events are relayed by remote control from the Play Enriqueillo, the City's municipal athletic field.

In addition to the station's verification card, Sr. Julio O. Garcia Alardo, Owner & Operator of Radio Station HI-8Q of Ciudad Trujillo (a QRC "dime veri" station) offers listeners a picture postal card bearing an interesting Dominican view. A dozen assorted views will be sent upon receipt of a dollar. For the address, please see the Station Data section of this issue.

Station HIG Radio "La Opinion" of Trujillo City, broadcasting simultaneously on 6,280 and 9,300 kcs, is one of the latest to give listeners throughout the United States and Canada absolute assurance of the verification of all correct reports submitted with a dime and 3 cents postage via the QRC. Both frequencies have been added to the QRC "Dime Veri" List and full particulars will be found in the Station Data section of this issue.



Clive Peterson, QRC 610, Box 21, Philipsburg, Sint Maarten, N. V. I., wishes to swap SWL cards.

**ECUADOR**

Of special interest is the new station HC1GQ of Quito on a frequency of 4,585 kc with second harmonic at double that frequency, or 9,170 kc, heard occasionally after 9 p. m. EST. Further details have yet to be ascertained.

CXA-2 "Radio Continental," Montevideo 5 kw 6,000 relays LS-2 "Radio Prieto" of Buenos Aires, (o) "Hermosa Primavera" (Beautiful Spring). (s) "Isla de los ceibos." Ricardo Vallarino & Oscar A. Rivas, Announcers. Rodolfo Caissols, Director. Ernesto Racine, Manager. Cia. de Radiopublicidad Continental, Owner. Plant: Camino a Carrasco 5151. Studios: Calle Juan C. Gomez 1431.

6,000 CXA-2

103-----103

SMTWTF5

## OUR GARDEN

## REPORTS

I have some of your QRC forms and would like to know how long you must listen to fill one of them out. If the station is playing a selection you know will that one selection be a sufficient log, or must you listen for a half hour or so and copy all heard?

A single selection definitely logged by name is quite sufficient.

I have only recently joined the QRC and would like your help on the report forms. Do I use these forms to report any station thru you or are they only for the stations you nominate? I would like to take a more active interest in the Club but so far have not received any communication other than the monthly REPORTER which I must say is the best short wave magazine I've seen. I believe there is a competition running and must have missed the beginning of it so if it is not too late can you let me have the details?

—Syd. Leopard QRC 929 England

—Richard Powell QRC 921 N. J.

The forms are for use in reporting any short wave broadcast station you may wish under the Connoisseur Plan described inside the cover of this issue. In some respects this Plan resembles a contest except that there are no losers. Please read details inside cover.

Received HP5A veri by mail in less than a month—pretty good service! They enclosed with veri a very beautiful tourist booklet of Panama of some 35 pages profusely illustrated which is well worth the dime spent.

—Clifford E. Scranton QRC 538 Ct.

Have been a listener for a long while, but on account of the disadvantages (as well as the disappointments) in verifying, I've done very little of it. However, with the simple method of verifying through QRC, I hope to pick up cards from many of the old-timers I've heard for years, as well as any new ones.

—Melvin Oliver QRC 912 Texas

I think the REPORTER is one of the best publications on SW data that I have seen.

—Gustave A. Magnuson,  
QRC 1002 R. I.

This is to request confirmation of broadcast from HJ7ABD Bucaramanga. This is not a dime veri station. I tried twelve stations and received one veri. Now I am going to try it the QRC way.

—Jack Reiter QRC 1000 Calif.

I received a copy of the SHORT WAVE REPORTER with my new Scott 16. As this is my first short wave receiver, I hope you will give me some advice on how to log and verify some foreign stations.

—Ewald H. Kopp QRC 1141 Wis.

HJ7ABD "Radio Bucaramanga," Bucaramanga, Santander, 9,630 & 1,130 kc. (s) "La Guabina," medley of national airs. Vicente Roberto Cadeno R., Manager. Radio Bucaramanga, Inc., Owners. Apartado 34.

9.630 HJ7ABD

11-----1

7<sup>3</sup>-9<sup>1</sup>  
6-----10<sup>3</sup>

S  
MTWTFSS

## FOTOS

While you desire not photos of inanimate objects, would you like one of "La Voz de los Meade Boys" with perhaps brother Bob seated before it? The honorable "La Voz" is entirely CW at present with 25 w on 7186 and 14372. (Maybe that is what the crystal is supposed to be. Haven't checked it yet, other than to see that it is within the band.) The transmitter is not hooked to an aerial as license is missing. Brother Bob is scheduled to take the exam Saturday. If he flunks, there will be a revolution.

—Merton T. Meade QRC 218 Mo.

My mother says I listen to the radio so much that my ears are beginning to look like loudspeakers. When I have new pictures taken of my outfit and self I'll send you some. By the way, how old is the QRC, when formed, by whom, etc.? Would appreciate and answer all mail!

—James Kneeland QRC 761.

Bicknell Manor, 30 Fruit St.  
Worcester, Mass.

The QRC was organized in 1933 at Habana, Cuba, by a lug named Sanchez Mejias, sometimes known as the Professor.

I photograph horribly. Do not have a snapshot of myself alone. Will delve into the wife's archives and see what I can stir up. It will be interesting to get a look at the *mugs* of some of the brother Quixotistas, though.

—G. H. Millican QRC 233 Texas



When good fellows get together we meet, seated, left to right: William M. Hummel, QRC 828; Charles Trezise, QRC 206; Edward Schenk, QRC 412; Frank Anzalone, QRC 344; standing: Lester Pardini, QRC 759; Joseph Seiler, QRC 1101; Richard Spiralke, QRC 1140; Edward Kulowitz, QRC 1102; Eric A. Bristow, QRC 311; Thomas Grey, QRC 165; Frank Grey, QRC 64; and Carl Mues, QRC 837, all of the Chicago area.

I tried taking some pictures with flash bulbs, my first venture. Took one picture of the gang (all QRC'ers) over at Les Pardini's and it turned out fair, but took one of my listening post and it turned out very good in fine detail. I am writing to learn how you make your reproductions in the REPORTER and approximately how expensive it is. Another question, do you know of any atlas publication that gives the geographical locations of principal cities of the world, such as degrees and minutes of longitude and latitude?

—Robert R. Irwin QRC 326 Ill.

## CLUB STATIONERY

Hammermill Bond letter-paper for Members, 50 sheets, 31c.

**THANKS**

Thank you for your letter of October 30 enclosing a large number of reports on the reception of Radio Nations. We are very glad to have this collection of reports from the United States. I enclose a schedule of the transmissions which the Information of the League of Nations is giving every week until the end of this year. Next year's schedule is not yet fixed; I shall make a point of sending it to you as soon as it is and will be glad to have it published in the REPORTER. Thank you again for the collection of reports on Radio Nations.

—M. Barkway, Information Section, League of Nations.

Have purchased another receiver. a Zenith 15 U269, 15 tube 1938 model. In the 30 days I have had it, have heard 41 countries. Will answer letters from any of the QRC members that would care to write.  
—J. R. Priett, QRC 1203, 1409 Kenwood Blvd. S. E., Roanoke, Va.

Chots, I've been a member of a number of radio clubs, but benefited more from the QRC than all the others. It's 100%. Not DX'ing much this year. Have a new 38 Olds and I find too many places to go. So there's not much time for the dials!

—Floyd M. Murphy QRC 297 Ill.

Please advise where I can obtain a list showing the postal addresses of short wave radio transmitting stations of the world, as complete and up to date as possible.—F. A. Cowan, QRC 1264, Egypt.

Am using McMurdo Silver Masterpiece III. Would like to correspond with others using the same make. The REPORTER gets better each issue.—W. B. Bell, QRC 43, Walhalla, S. C.

I haven't been any help to date in the stamp exchange, the reason being that all my duplicates are in the family's possession in Massachusetts—and the collection is there also, so I have no means of comparing stamps with what we already have. However, I'd like to do something along that line for the QRC and have the following to offer: I can understand your inability to find time to prepare stamps correctly, sort, etc. I'd be very glad to do it for you. If you would care to have me do so, I could prepare, sort and make up into 300 or 600 lots and return to you. As I've collected actively for over ten years, I know stamps quite well and could arrive at a fair distribution. This would be merely doing something to help the Club out, so if you are interested don't hesitate to take me at my word.

—Thos. F. Waters QRC 215 Cincinnati

YV5RJ "La Voz de LA ESFERA," Caracas (Colonia Tovar) 1 kw 6.250 relays YV5RI 500 w 1,370 kc (s) "La Voz de LA ESFERA," march. (i )Gong. Rafael Marquis & Francisco Carreno Delgado, Announcers. Edmundo Suegart, Director. Manuel de Goya, Manager. Suegart & Co., (Publishers of the Daily Newspaper LA ESFERA) Owners. Studios. Padre Sierra a Munoz No. 3. Apartado 1908.

6.250 YV5RJ

102---122

42-----102

SMTWTFSS

All the world likes to get mail. If you would enjoy receiving a mimeo news-letter on radio reception every second week, subscribe to the service of the Universal Radio DX Club, Chas. C. Norton, Pres., 2018 Green St., San Francisco, Calif., or the Before Breakfast DX Club, Stanley B. La Rue, Pres., 309 So. Bedford Drive, Beverly Hills, Calif. Specimen copies 5 cents; rates on application.

Say, Chots, would you slip a small line in the SWR that I am willing to exchange SWL cards with anyone outside of North America? I have over 500 cards here, mostly on the 10 and 20 meter band and I prize them very highly. The collecting of QSL's is more than just a passing fad with me, and I'm sure that if the boys knew how much I appreciate their cards, many more would answer. I always send IRC but about 30 per cent is a good average for answers.—Homer Bohlender, QRC 1091, R. R. 2, Brookville, Ohio.

Having a new Scott 16, I'd like to exchange notes with other QRC Members using this receiver, and particularly any in the Brooklyn area.—Harold G. Graeme, QRC 1130, 5413 Fourth Av., Brooklyn, N. Y.

I will start a movement with \$1 for the purpose of writing to short wave stations in C. A. and S. A. to ask them to identify often and in English. What about it?—J. E. Gardner, QRC 956, Ohio. (If obtainable, they might be induced to use recordings.—Chots.)



Roger Legge, Jr., QRC 286, whose excellent reports have been most helpful to the QRC.

### COIN HOLDER

Does the QRC sell those small wax stamp containers (envelopes) and some sort of coin holder? If so, on your next contact (no hurry) enclose price list.

—Alex Farkas QRC 930 Pa.

The envelope was received from another member and we have none for sale. The best way to remit dimes is to fasten them to the letter itself with Scotch Cellulose Mending Tape on sale in all 5 & 10 cent stores at a dime for 100 inches. Other coins should not be enclosed in letters. Stamps are acceptable.

The REPORTER is better than ever. I have just obtained another member who is sending in his dollar. Shortwave interest in this city, apart from amateurs, is at the zero mark, almost. At least, so I've found. One leading club has but 4 members in this city of over 300,000 people. However, let's hope that we can get a better membership than that here. Maybe there is some way in which we could acquaint the general public with the presence of the club, generally.

—Robert B. Park, QRC 571  
Vancouver, B. C.

You may put me on record as having an "Open House" to all enthusiastic QRC members or other short wave fans. This is your authority to send my name and address to all such fans who desire it.

—J. A. Pulvertaft, QRC 1232, N. Y.

A jolly "get-together" of the QRC Bay State Chapter is scheduled at the home of QRC 252 for Sunday, February 13. Members who may wish to attend and get acquainted should drop a line to: Walter L. Chambers, 47 Fern St., Lexington, Mass.

In reading up in several magazines, I find that there are many who are interested in CW. I too am interested. I would like to suggest that the QRC do something to assemble some information as to code stations that verify and other information that is relative to this subject. I am sure it will help get new members and also to keep the old members as well.—Wm. M. Hummel, QRC 826, Ill.

I think you really had a swell magazine out in the December issue but please don't tell me that you are concluding the FB Log! Why, Chots, I believe you will have a national calamity on your hands next month when the boys find out that there won't be any FB Log. You only gave this news two lines in the December issue, but, oh, boy, I bet everybody saw it!

—Thomas G. Grey QRC 165 Ill.

Can you give me a little information on ZBW Hongkong. Are they still on the air? I haven't been able to log them since early November.—Chs. McHanson, QRC 608, Sask. (Now that you've mentioned it, neither do we find them.—Chots.)

I enjoy your new feature, "Our Garden" very much. The magazine improves with every issue.—L. R. Greenman, QRC 542, Ohio.

#### RECEIVER LIST

Kindly report errors or omissions, stating the make and model (number of tubes) of your receiver, or, if using more than one, your favorite.

##### All Star Senior 10

1140 Richard Spiralke

##### Breting 12

1072 Leon Aldridge

##### Breting 14

60 W. J. Ray  
468 Stuart Osgood  
1071 Luman B. Wemple  
1082 Steve Csorgo

##### Browning 8

699 Jack Staley  
945 W. G. Jeffries

##### DeForest-Crossley 10

943 Albert Howarth

##### Doerle 6

406 Harold Levison

**General Electric M-81**

205 Roy Waite

**General Electric M-106**

863 Douglas Worcester

**Grunow 751**

1167 C. R. Peterson

**Grunow 871**

1211 Ray Dissinger

**Grunow 941**

1187 Thomas E. Barske

**Hallicrafter Sky Buddy 5**

585 Hugh N. Siegel

683 Frank J. Schrammeyer

826 William M. Hummel

844 Baker Young

959 Clarence O. Schwengel

1109 Herman Pfeiffer, Jr.

1134 James Petipas

1066 Jack Fitzgerald

**Hallicrafter Sky Chief 6**

389 Normal Schultz

825 E. H. Scofield

837 Ray Gallagher

1015 Robert Truhlar

1019 Wally Hallgren

1022 Edwin Elliston

**Hallicrafter Super 7**

572 Fred Atherton

**Hallicrafter S-8-A**

1186 Gail T. Beyer

**Hallicrafter 9**

538 C. E. Scranton

777 Elmer R. Walker

**Hallicrafter Sky Rider SX11**

761 J. C. Kneeland

**Hallicrafter SX 16**

140 Ray La Rocque

545 Carroll H. Weyrich

1042 Chris Davis Jaffe

**Hammarlund Comet-Pro**

997 Nicholas J. Hock

**Hammarlund Super-Pro**

584 Frank J. Ballantine

**Homebrew 1**

902 Dean F. Meade

**Homebrew 3**

1248 S. Pearce

**Hynes R. S. R.**

48 E. L. Nicholson

**Knight 6**

430 McKee H. Gifford

**Kolster K-165**

674 Rudy R. Sutter

**Lyric 6**

944 Fred R. Smith

**Majestic 6**

947 Robert S. Rea

**Majestic 10**

948 Fred W. Alfred

**Midwest 11**

744 Lawrence Lundberg

**Midwest 16**

100 Richard L. Bullard

187 Dr. Alan E. Smith

**Midwest 18**

329 Donald Adams

564 Ollie A. Landgraf

897 Elmer Caldwell

956 J. E. Gardner

1114 Arthur Nugent

**National AGS**

1006 J. S. Pugh, M. D.

**National SW-3**

4 H. S. Bradley

286 Roger Legge, Jr.

373 Robert Partridge

384 Lewis F. Miller

1091 Homer Bohlender

**National SW-58**

165 Thomas G. Grey

**National NC-100**

217 Charles Miller

277 Carl Weber

407 Donald S. Wright

412 E. D. Schenk

456 Raymond McCullough

583 James G. Shoch, Jr.

904 Dr. F. E. Bedinger

**National HRO**

8 Henry V. Miner

130 Walter H. Kurtz

139 Donald McKesson

215 Thos. F. Waters

252 W. L. Chambers

**Patterson 8**

359 Anthony C. Tarr

**Patterson PR10**

923 Chas. H. Hodge

**Patterson PR15**

- 104 F. B. Hetherington  
300 Roy Myers  
1145 Ray E. Everly

**Patterson PR16**

- 297 Floyd M. Murphy

**Philco 7**

- 944 Fred R. Smith

**Philco 9**

- 887 Dr. S. W. Staads

**Philco 116**

- 6 A. F. G. Bruder  
97 J. R. Mappin  
227 J. Herbert Hyde  
385 Martin P. Miller  
593 Sam Swope

**Philco 610-5**

- 562 Sgt. A. W. Brummund

**Philco 620**

- 64 Frank Grey

**Philco 670-11**

- 44 Irving Van Zandt, Jr.  
534 Bob Thomas  
701 Kendall Walker  
965 Arthur Long

**Pilot 7**

- 610 Clive C. Peterson

**Postal 1935**

- 351 Henry W. Prael

**RCA-Victor C-13-2**

- 818 A. M. Ferrin

**RCA-Victor C-15-3**

- 233 G. H. Millican

**RCA-Victor 121**

- 1002 Gustave A. Magnuson

**RCA-Victor 143 B**

- 849 Robert Evans

**RCA-Victor 7-TI-7**

- 416 Clyde A. Ritter

**RCA-Victor 9-K-2**

- 1163 Geo. C. Graham

**RCA-Victor 240**

- 974 Andrew Shassetz

**RCA-Victor K-15**

- 1168 F. A. Heinisch

**RCA-Victor 1937**

- 1111 J. I. Vaught

**RCA-Victor ACR 111**

- 1271 Bernard B. Kunkle

**RCA-Victor ACR 136**

- 675 Albert Steinmetz

**RCA-Victor ACR 175**

- 720 Harry B. Scheirer  
857 Jack Cowper

**RCA-Victor 813-K**

- 922 Frank Pitone

**RCA-Victor 816-K**

- 111 John L. Balderston

**RME 9-D**

- 326 Robert R. Irwin

**RME-69**

- 398 Martin J. Olthoff

**Rogers 4**

- 1124 Gerald Cote

**RSR Clipper**

- 650 Robert F. Meade

**Scott De Luxe 12**

- 79 O. Ingmar Oleson

- 163 Robert L. Weber

- 542 L. R. Greenman

**Scott 15**

- 311 Eric A. Bristow

- 496 Rudolph Bossert

- 611 Dr. J. R. Stroud

- 1000 Jack Reiter

- 1051 Dr. Hunter R. Smith

- 1135 Sergio Gonzalez

- 1235 Fred C. Woody

**Scott Imperial 23**

- 207 John De Myer

- 296 Donald I. Gross

- 394 Dr. R. C. Kash

- 440 E. L. Frankenstein

- 441 Jules L. Bandelier

- 452 William Keach

- 458 H. E. Vandervoort

- 470 Gilbert A. Engen

- 471 W. Q. Brautigam

- 473 Vincent Tantillo

- 480 Carl C. Hill

- 491 W. M. Fugere

- 496 Rudolph Bossert

- 506 C. F. L. Chamberlaine

- 511 Carl & Anne Eder

- 521 James L. Atsatt

- 538 C. E. Scranton

- 570 John W. Schirmer

- 895 Mrs. Howard Gilpatrick

- 1052 George G. Gross

- 1073 Walter C. Gayhart

**Scott Ravina 28**

600 Dr. Glenn Winslow

**Scott Philharmonic 30**

84 R. B. Hammes  
 167 Paul W. Dilg  
 174 Thos. Van Auken  
 434 O. H. Pullen  
 478 Philip Cass  
 484 Albert H. King  
 580 W. E. Gage, Jr.  
 576 Edwin E. Mullen  
 716 Nicola Cannata  
 806 W. J. Moore  
 811 L. V. Kraus  
 856 W. L. Godkin  
 859 Bert Clemens  
 865 G. E. Kipp  
 870 A. L. Clancy  
 879 I. J. Ackerman  
 882 Fred S. Bair  
 890 Geo. Jay Gibson  
 907 Robt. L. Hawkins  
 919 Dr. A. M. Cancio  
 941 L. H. Warner  
 953 John McW. Marsh  
 986 C. Ernest Liggett  
 1003 W. J. Cox  
 1009 A. A. Schoonmaker II  
 1032 Charles O. Lancaster  
 1053 Jno. E. Romer  
 1086 Ralph C. Littlefield  
 1090 Stanley Martin  
 1208 Chas. A. Marion  
 1231 Dr. R. E. Biber  
 1250 Theo. Dillman  
 1264 F. A. Cowan

**Scott 16**

916 H. Hutcheson  
 1011 Frank Ciskal  
 1023 James F. Dyer  
 1031 Charles F. Miller  
 1118 Harold T. Aller  
 1130 Harold G. Graeme  
 1141 Ewald H. Kopp  
 1151 Geo. A. Mills  
 1160 Chalmer C. Zande  
 1166 L. R. Abbott  
 1232 J. A. Pulvertaft  
 1272 Rev. Thomas A. Rust  
 1274 W. V. Hetchie

**Silver M-III**

43 W. B. Bell

**Silver M-IV**

386 W. H. Jessen  
 392 R. B. Oxrieder  
 596 John Larsen  
 982 J. H. Bachelder

**Silvertone 7**

732 L. E. Mead

**Silvertone 8**

659 G. R. Hobbs

**Silvertone 8 Pro. 5656A**

830 Alex Farkas  
 1087 Edwin G. Granger

**Silvertone 10**

780 Arthur E. Judson

**Sonora 10**

945 W. G. Jeffries

**Stewart Warner R-127-A**

995 William A. Weiss

**Stewart Warner R-136-A**

841 Edward Andrews, Jr.

**Stromberg-Carlson Conv. 4**

218 Merton T. Meade

**Stromberg-Carlson 7**

803 Stanley B. La Rue

**Stromberg-Carlson 11**

145 Margaret Hamilton

**Tiffany Tone 8**

787 Hadley Wilcox

**Truetone 6**

1074 Conrad J. Klauk

**Truetone 10**

921 R. D. Powell

**Warwick 6**

868 Theodore Bottema

**Westinghouse Highboy 5**

571 Robert B. Park

**Wilcox-Gray A-26**

1054 Guy L. Burnham

**Zenith 6**

989 E. H. Clark

**Zenith 9**

855 Stanley Brus

**Zenith 10**

638 Charles Leboeuf  
 912 Melvin W. Oliver  
 1024 Lloyd Johnson  
 1105 L. H. Sartshorn

**Zenith U269 15**

1203 J. R. Pruett

*Super-Powered for*



THE  
*New*

**SCOTT** *Philharmonic*

*Clearer, Stronger Foreign Reception*

30



TUBES

## BRINGS IN THOSE WEAK HARD-TO-GET STATIONS

This new Scott Custom-Built Philharmonic is, we believe, the world's most highly perfected long distance receiver. It far surpasses all previous Long Distance World's Records, held by Scott Receivers. 30 Tubes, all operating at peak efficiency, develop tremendous perfectly controlled power. You can now tune many stations you never have heard before. Greater Sensitivity enables you to take a whisper from the far corners of the earth and amplify it to the volume of a "local."

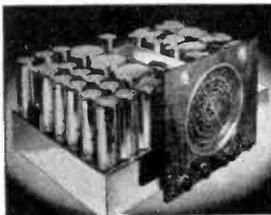
### 3.75 TO 2000 METERS

Greater Wave Length Range, 6 Bands, 3.75 to 2000 meters, gives you complete coverage of practically everything on the air. Every point on the dial is filled with powerful, superb-toned reception. "Years ahead" in design... it will receive Television Sound Broadcasts. The secret of this new Scott Philharmonic's amazing performance lies in its 8 New Features

(patents applied for), which permit you to locate and bring in those far away, weak, hard-to-get stations that are seldom heard on other receivers.

### CUSTOM-BUILT TO ORDER

The Scott Philharmonic is not an ordinary radio. It is Custom-Built by hand to suit receiving conditions in your locality. Constructed with the precision of a fine watch. Incorporates every modern improvement of radio science. The Philharmonic is the only Radio Receiver, we believe, that will perfectly reproduce the entire tonal range of the human ear (30 to 16,000 cycles). Every tone from the very lowest to the highest is captured with an uncanny realism that seems to bring you into the very presence of the musical rendition. Guaranteed 5 years. Fifteen cabinets by master designers await your choice.



**FREE DETAILS • MAIL THE COUPON NOW!**

**E. H. SCOTT RADIO LABORATORIES, INC.**  
4491 N. Ravenswood Ave., Dept. 44K7, Chicago, U. S. A.

Please send details about the new Scott Philharmonic. (No dealers. Sold only direct from Scott Laboratories in New York, Chicago, Los Angeles. 30-day free trial).

Name

Address

## STATION DATA

In this issue the Station Data section will be found replete with detail, but listeners are reminded that only a third of this section is published each month.

## DENMARK

OZF "Danmarks Radio, Koebenhavn, Kalundborg," Skamlebaek (50 miles WNW of Copenhagen) 6 kw 9,520 kc/s (s) "Der er et yndigt Land" (There's a Winsome Land) National Anthem. Government Station. Postog Telegrafvaesenet, Radioingenioertjenesten, Bernstorffsgade 32, 1, Copenhagen, V., Denmark.

## DOMINICAN REPUBLIC

HI-1A "La Voz del Yaque," Santiago de los Caballeros 75 w 6.182 (s) "All Hands." Rafael Western, Owner-BUILDER. Apartado 423.

HI-1J "Nuestra Patria es America" (Our Country Is America) San Pedro de Macoris 40 w 5.865 (s) "Indian Love Call." Miguel Zaglul, Art Director. Fausto M. Donastorg, Builder-Owner. Anacaona Moscoso No. 3. Apartado 204. 12---2 6-----10 SMTWTFS

HI-1L Radioemisora Nacional "El Diario," Santiago de los Caballeros 250 w 6,470 (s) "Himno Nacional Dominicano." (i) Xylophone. Jose Antonio Braga, Announcer. Julio Alberto Hernandez, Manager & Director. Maria J. Tavares, Owner. Studios: Calle Presidente Trujillo No. 97, altos. Apartado 356.

6.479 HI-1L 12---2 5---7 8-9 SMTWTFS

HI-1S "La Voz de la Hispaniola," Santiago de los Caballeros 250 w 6.420. Generoso Sarnelli, Owner. Apartado 112.

HI-2D "La Voz de la Accion Catolica," Ciudad Trujillo 100 w 6.900 (s) "Ave Maria," violin solo. Studios: Templo Patronal de las Mercedes.

HI-3C "La Voz de la Feria" (The Fair) La Romana 30 w 6,730 kc s. Moises Garip & Roberto Palli, Owners.

HI-3U "La Voz del Comercio," Santiago de los Caballeros 125 w 6.015 (s) "Maria la O" (Maria My Own) composition of Ernesto Lecuona by Jesse Crawford, organ, followed by Dominican National Anthem. Fidenicio Garris, Announcer. Delio Franco y Franco, Sub-Director. Moises Franco y Franco, Director. Fernando Bertran Gimeno, Manager. Studios: Calle Beller esquina a Espana. Apartado 23. (Veries via QRC.)

HI-4D "La Voz de Quisqueya" (Native name of the Island) Trujillo City 20 w 6.555. Dr. Luis D. Santamaria, Owner.

HI-4V "La Voz de los Almacenes Hermanos Chabebe," San Francisco de Macoris 250 w 6.450 (s) "Himno Nacional." Jose N. Chabebe Haddad, Ana America Fdez. de Betances & Luis Raul Betances Ricart, Announcers. Luis Betances Ricart, Owner. Studios: Mella No. 25.

Congratulations on very nice issue of REPORTER and also the 24 stations now in Dime Veri class. Wish you could drag Martinique into the group as I need a veri from that fellow. I always suspicioned

that theirs was the House of Cerise — sounds so simple now that I know it's Seri and have remembered that Cer-ee-se could never sound like Ser-ee.

—Lewis F. Miller QRC 384 Mo.

HI-5N "La Voz de Moca," Moca 100 w 6.150 & 1.440 (s) "Himno Nacional." (i) Gong, 5 strokes. Cesar Rojas & J. Belisario Curiel, Announcers. J. Belisario Curiel, Owner & Operator. Studio: Calle Salcedo No. 72. (Veries via QRC.)

HI-7P Emisora "Diario del Comercio," (Commerce Daily) Ciudad Trujillo 25 w 6.800 & 1.300 kc (s) "Lempira," marimba. J. A. Martinez Bonilla, Announcer. Jose M. Roques Roman, Owner & Operator. Studios: Calle Jose Reyes 35. 1.2 7...9 MTWTFSS  
6.800 HI-7P 10.11 S

HI-8A "La Fa-Doc en el Aire" (The Dominican Shoe Factory) Ciudad Trujillo 35 w 6.479 (s) "General Alvaro Obregon," a Mexican march by U. S. Marine Band. Jaime A. Rodriguez G., Owner. Apartado 1312.

HI-8J 6.382. (Details not yet ascertained.)

HI-8Q "La Voz de la Philco," Ciudad Trujillo 200 w 6.206 & 1.475 (s) "Himno Nacional Dominicano." (i) Gong. Julio O. Garcia Alardo, Owner, Director & Announcer. Georgina Minino de Garcia, Manager. Studios: Av. Wenceslao Alvarez No. 3, Reparto Independencia. (Veries via QRC.) 6...10 S

6.206 HI-8Q 8 $\frac{1}{2}$ -----12 2 $\frac{1}{2}$ -----5 MTWTFSS

HI-9B "Broadcasting Hotel Mercedes," Santiago de los Caballeros 200 w 5.885 (s) "Dominican National Anthem." Eugenio Perdomo, Announcer. J. L. Sanchez, Jr., Director. Studios: Calle 30 de Marzo esquina a Libertad. Apartado 95. (Veries via QRC.)

HIG Radio "La Opinion," Ciudad Trujillo 150 w 6.280; 250 w 9.300 simultaneously (s) "Himno Nacional Dominicano." Marco Antonio Cordero P., Announcer. Guarionex Saladin, Manager & Director. Andres Cordero Puello, Owner. Studios: Santiago Rodriguez No 12. 7...9 12---2 $\frac{1}{2}$  4-----9 MTWTFSS

HIH "La Voz del Higuamo," (River) San Pedro de Macoris 75 w 6.775. Domingo Dominguez, Owner & Operator.

HIL Ciudad Trujillo 50 w 6.500. L. J. Pelicot, Art Director. J. C. Pellicer, Director. F. C. Teixido, Owner. Studios: Av. Independencia 103. Apartado 623.

HIN "Broadcasting Nacional," Ciudad Trujillo 740 w (Collins) 6,243.75 & 1,090 kc (s) "Himno Nacional." Vinivio Saladin, Announcer. Rafael Pellerano, Asst. Announcer. Juan Jose Bravo, Reporter. Juan Salazar, Chief Engineer. Juan J. Bravo, Director. Frank Hatton, Manager. Dominican Government, Owner. Studios: Calle Arzobispo Merino 79. 6.243 HIN 12---2 $\frac{1}{2}$  5 $\frac{1}{2}$ -----10 MTWTFSS

HIT "La Voz de la RCA-Victor," Ciudad Trujillo 200 w 6.630 & 50 w 1.050 (s) "Himno Nacional de la Republica Dominicana." (i) Bells. F. A. Sanabria, Manager. A. L. Pichardo, Owner. Studios: Nicolas de Ovando No. 14. Apartado 1105. (Veries via QRC.)

HIX Trujillo City HI-1X 900 w 6.340; HI-2X 300 w 11.960; HI-3X 300 w 15.280 (s) "Dominican National Anthem" by Jose Reyes. Government Station. J. R. Saladin, Director of Radio-Communications, Sria. de E. de Comunicaciones y Obras Publicas.

HIZ "La Voz de los Muchachos (Dept. Store)," Trujillo City 125 w 6.316 (s) "National Anthem by Jose Reyes." Carlos Vallejo, Announcer & Director. Rafael Pellerano, Announcer and Manager. Frank Hatton, Owner. Studios: Avenida Mella No. 44.

**ECUADOR**

Estacion de "El Prado," Riobamba 6.618. Srta. Judy Leon, Announcer. Carlos Cordovez, Manager. "El Prado" Textile Mills, Owners. Apartado 98. (For veries send 5 cents in U. S. stamps instead of IRC for these may be cashed at Quito only.)

HCICE Emisora "El Condor," Quito 7.411 Th 9-10 p. m. EST. R. Enriquez, Operator. Studios: Av. Colombia 170. Casilla 485.

HCIGQ Quito 4.585 with 9.170 harmonic. Details pending.

HCIPM Estacion "El Palomar" (The Dove-Cote) Quito 5.725 (s) "March from Aida." J. Leonardo Ponce, Operator. Casilla 664.

HC2CW "Ondas del Pacifico" (Waves of the Pacific) Guayaquil 9.290 (s) Sousa march. A. Wilmot, Director. Alvarado & Wilmot, Owners. Casilla 1166.

HC2ET Radio Difusora de "El Telegrafo," (Newspaper) Guayaquil 4.600 (i) 12 chimes. Casilla 824.

HC2JSB "Ecuador Radio," Guayaquil 7.854 (i) Single stroke of deep-toned gong. Juan S. Behr, Owner. Apartado 805.

HC2ODA "La Voz del Alma," Guayaquil 9.447.

HC2RL "Quinta Piedad," Guayaquil 200 w 6.668 (s) Ecuadoran National Anthem. (i) "Hello, America." Dr. Roberto Levi, Manager. Mrs. Maria Piedad Castillo de Levi, Owner. Studios: Calle Tomas Martinez No. 309. Casilla 759. (Veries via QRC.)

HCETC "Radio del Teatro Bolivar," Quito 6.895. Manuel Mantilla, Director. Empresa de Teatros y Cinemas, Owner. Apartado 134.

HCJB "La Voz de los Andes," Quito 1 kw 8.846 in parallel with HCJB "Broadcasting Provincial," 200 w 4.107. Clarence W. Jones, Director. Casilla 691.

HCVT "La Voz del Tungurahua," Ambato 6.550 (i) Small Bell. Casilla 109.

**FIJI ISLANDS**

VPD-2 "Radio Suva," Suva 400 w unmodulated 9.536. Amalgamated Wireless (A/sia) Ltd., Owners. Victoria Parade, Suva. For veries: "Wireless House," 47 York St., Box 2516-BB G.P.O., Sydney, Australia.

**FRANCE**

TPA "Radio Coloniale," Paris (Pontoise) 12 kw (s) "La Marseillaise," French National Anthem. Government Station. Broadcasting Department: 103, Rue de Grenelle, Paris VIIe. Address: Station Radio-Coloniale de l'Etat Francaise, Service de la Radiodiffusion, 98 bis. Boulevard Haussmann, 98 bis., Paris (8e).

**FRENCH INDO-CHINA**

"Radio Philco," Saigon 6.010 & 11.710 (s) "La Marseillaise." (i) 9 chimes. Boy-Landry Institution, Owners. 211-213, Rue Catinat.

**GERMANY**

DJ- Berlin (Zeesen). Interval: 9 notes from folk song "Ub immer Treu and Redlichkeit (Ever be True and Honest), melody of the chimes of Garrison Church in Potsdam in memory of the opening there in March, 1933, of the first Reichstag under the National Socialist (Nazi) rule. (s) "Horst-Wessel Lied," Nazi marching song, followed by "Deutschlandlied." Reichs-Rundfunk-Gesellschaft mit beschränkter Haftung, Deutscher Kurz-



HRD "La Voz de Atlantida," La Ceiba, Atlantida Department, 250 w (o) "Solo Tuyo" (Thine Alone), marimba fox-trot. (s) "Intermezzo No. 1 de Luis Calvo." Juan Ferez h., & Emilio Crespo, Announcers. Dr. Tulio Castaneda G., Director. Emilio Crespo, Manager. Dr. Tulio Castaneda & Emilio Crespo, Owners. Studios: Avenida 14 de Julio.

HRK Tegucigalpa 5.715. (Details not yet ascertained.)

HRN "La Voz de Honduras," Tegucigalpa 500 w 5.875 & 50 w 1.250 (s) "Goodnight Melody" by Ted Lewis & Orch. (i) Notes of National Anthem. Manuel Bonilla R., Rodolfo Rios & Francisco Medina, Announcers. F. Diaz Zelaya, Musical Director. Coronado Henriquez, Operator. Paul John, Co-Owner & Chief Engineer. Rafael Ferrari, Co-Owner, Manager & Chief Announcer in Charge of Programs.

#### HUNGARY

HAS-3 "Radio Budapest," Budapest (Szekesfehervar) 5 kw 15,370 & HAT-4 5 kw 9.125. B. Marschalko, Manager. State Owned under direction of Postal Administration. Address: Radiolabor, Budapest IX, Gyali-ut 22.

#### ICELAND

TFJ "Utvarp Reykjavik!" Reykjavik 7 kw 12.235 (s) "O, Gud Vors Lands," National Anthem. Jonas Thorbergsson, Director. Government Station under direction of Rikisutvarpid (Iceland State Broadcasting Service). P. O. Box 547.

#### INDIA

VUB "All India Radio," Bombay 10 kw 9.565 (s) "God Save the King." (i) Nil. IST 5½ hours ahead of GMT. Lieut. N. A. S. Lakshmanan, M. A. (Oxon), Director. Victor Paranjoti, M. A., F.I.G.C.M., Asst. Director. A. S. Dholekar, Program Director. T. K. Garudachar, M. A., Engineer. Government Station. "Irwin House," Sprott Road, Ballard Estate, Bombay.

9.565 VUB 7-----12½

9½10½

1½--3½ SMTWTFS

#### ITALY

2RO Roma (Prato Smeraldo) 25 kw 9.635 & 11.810 (o) "Bells of Rome." (i) Twittering of mechanical Chaffinches. (s) Royal March & Fascist Anthem "Giovinezza." R. O. Andreani, Announcer, American Hour. Ente Italiano per le Audizioni Radiofoniche (E.I.A.R.), Owners & Operators, 5 Via Montello, Rome.

9.635 12RO3

11.810 12RO4

15.170 12RO5

15.300 12RO6

#### JAPAN

J—Tokio (Nazaki) 50 kw (s) "Kimigayo," National Anthem. (i) Ten Chimes. Final word of closing announcement: "Sayonara!" Shinroku Tanomogi, Chief of Overseas Section. Naomichi Kataoka, Managing Director. Shichiro Komori, President. Broadcasts sponsored by Kokusai-ka (Overseas Section) Nippon Hoso Kyokai (The Broadcasting Corporation of Japan.) General Offices: Hibiya-park, Kojimachi-ku, Tokio. Studios: Atago-yama, Shiba-ku, Tokio. (For veries, address the studios.)

JFAK "Taihoku Broadcasting Station," Taihoku, Taiwan (Formosa) 9.636 (i) 7 tinkling chimes. (s) "JFAK" twice repeated. Jiro Hayashi, Manager.

JDY Dairen 10 kw 9.925 relays JQAK. Isao Sugiyama, Director. Studios: Shotokugai 3, Dairen, Kwantung Leased Territory.

9.925 JDY 7-8

SMTWTFS

**KENYA COLONY**

VQZLO Nairobi 500 w 6.083 & 750 w 810 (i) Six pip time signal at 7 and 9 p. m. Nairobi Time, 2½ hours ahead of GMT. (Lion's roar discontinued.) Male announcer. H. L. N. Ascough, Manager. Cable & Wireless, Ltd., London, Owners. P. O. Box 777.

**MACAU**

CQN Macau, South China 300 w (frequency variable) (o) "Maria da Fonte." (s) "A Portuguesa," National Anthem. Government Broadcasting Station, Post Office Building.

**MADAGASCAR**

"Radio-Tananarive," Tananarive 400 w 6.000 (o) "Le Chant du depart." (s) "La Marseillaise," French National Anthem. "Radio-Tananarive" has no call letters. Government Station operated by Administration des Postes, des Telegraphes et des Telephones.

**MARTINIQUE**

"Radio-Martinique," (Poste Seri) Fort-de-France 200 w 9.730 (s) "La Marseillaise," French National Anthem. (i) Chimes. R. Seri, Announcer. Antoine Seri, Director. R. Finucci-Seri, Operator. V. Seri, Owner. Studios: 3d kilometer, Route de la Dillon. Boite Postale 136.

"Radio Fort-de-France," Fort-de-France 9.450 (s) "La Marseillaise." Edouard Boullanger Fils, Owners.

**MEXICO**

XEBF Jalapa, Ver. 100 w 6.090. Pedro Coronel Aburto, Owner. Studios: Insurgentes No. 34.

XEBM "El Pregonero del Pacifico," Mazatlan 50 w 15.440 relays XEBL 1.220 (s) "Quimbamba." Heriberto H. Mejia, Announcer. Manuel Gallardo, Jr., Director. Jose F. Azcona, Manager. Difusora del Pacifico, S. A., Owners. Studios: Av. Angel Flores 153. Apartado 78.

XEBQ "La Voz del Pacifico," Mazatlan, Sinaloa 100 w 6.030 (s) "Luxemburg" March. (i) 4 chimes, sol, mi, do, sol. Correct time signal (sol, mi) every second hour. Alejandro A. Schober, Manager; Adolfo V. Rivera, Art Director; Domingo Vega and Luis Felipe Ferreiro, Announcers; Eduardo Schober F., Technician. Plant: Av. Sacrificio 60. Studios: Av. Sacrificio 60 and Muralla Athletic Club. Apartado 95.

XEBR "El Herald de Sonora desde Hermosillo," Hermosillo 150 w 11.820 relays XEBH 930 kc (s) "Sobre las Olas" (Over the Waves) waltz. (i) 4 chimes in descending scale. Jorge J. Le Brun and Guillermo Nunez, Announcers. Luis Hoeffler, Director. Jose Remigio Agraz, Manager. Carlos G. Balderrama, Owner. Studios & Offices: Hidalgo 23. Apartado 68.

XEBT Mexico City 1 kw 6.000 (o) "Las Mananitas." (s) "Liebes-traum" or "Dream of Love" by Liszt, piano solo (i) Cuckoo call twice. Henry Guerrero, Announcer. El Buen Tono, S. A., (Cigarette Company) Owner. Apartado 7944.

XECR Mexico City 20 kw 7.380 Government Station under direction of the Foreign Office. Oficina del Departamento de Publicidad. Sria. de Relaciones Exteriores, Mexico, D. F.

XECU Guadalajara, Jalisco 6.075 (s) "Ojos Tapatios." (i) Two-tone train whistle. Arturo Contreras V., Mgr. Union Nacional de Industria y Comercio, Owner. Address: Hidalgo 579.

XEDQ "Hablando a los Continentes desde Guadalajara" (Speaking to the Continents from Guadalajara) Guadalajara, Jalisco 500 w 9,520 relays XED (s) "Jarabe Tapatio." (i) 4 chimes in ascending scale. Jose Suarez and Jose Betiz, Announcers. Indalecio Nunez, Director. Mario E. Bozzano, Manager. Radio Fonografica de Guadalajara, S. A., Owners. Studios: Edificio Mosler, Avenida 16 de Septiembre 170. Apartado 197.

XEFT "La Voz de Veracruz," Veracruz 20 w 9,550 relays XETF 1,220 and occasionally XEB-XEBT (s) "Vals Poetico" by Felipe Villanueva. Jose Rodriguez Lopez, Manager. Studios: Av. Independencia No. 28.

XEPW "La Voz del Aguila Azteca (Aztec Eagle) Mexico City 6.110 relays XEJW 870 (s) "Valladolid Azteca." (i) 5 chimes in ascending scale and five at random, or four strokes of a gong. Enrique Arzamendi, Managing Director. Jose G. Garza Fox & Son, Owners. Studios: Carpio No. 137 altos, Colonia de Santa Maria. Apartado 8403, Mexico, D. F.

XETA "El Pregonero del Norte," Monterrey, N. L., 1 kw 11.760 relays XET 690 kc. Apartado 203.

XETM Villahermosa, Tabasco 11.730 (s) Waltz with tenor refrain in Spanish. Studios at Hotel Palacio. Apartado 74.

XETW "La Voz de Tampico," Tampico, Tamps. 6.045 relays XEFW 1310 kc. Flores & Martinez, Owners. Studios: Fco. I. Madero, 10.

XEUW "El Eco de Sotavento desde Veracruz," (The Echo from Leeward of Veracruz) Veracruz 25 w 6.020 (s) "Las Golondrinas." (i) Chimes. Mario Ronzon & Victor M. Martinez, Announcers. Fernando Pazos Sosa, Owner & Operator. Studios: Av. Gomez Farias 33.

XEUZ "Cadena Radio Nacional," Mexico City 1 kw 6.120 relays XEFO 5 kw 940 kc/s (s) "Marcha Dragona." (i) Chimes. Alfonso Garcia Munguia, English Announcer. Enrique Dorsch, Chief Engineer. Lic. Roberto Lara y Lopez, Manager & Director. National Revolutionary Party, Owner. Studios: Av. 5 de Mayo No. 21. Apartado 2641.

XEWB "Radio-Emisora Cultural," Guadalajara, Jalisco 11.710. Raul Salaman, Sub-Dir. Artistico. Primitivo Padilla Haro, Manager. Camara de Proprietarios de Guadalajara, Owners. Studios: Hospicio 50. Offices. Juarez 289.

XEWI "My Voice to the World from Mexico," Mexico City 250 w 11.900 (s) "Ah! Sweet Mystery of Life!" by Victor Herbert. (i) 2 strokes of gong every half hour. Francisco Alvarado, Director & Announcer. Luciano Gonzalez Burns, Manager. World Institute of Impersonal Life, Owner. Studios: 3a de Mina, 56. Apartado 2874.

XEWW "La Voz de la America Latina desde Mexico," Mexico City 7.5-9 kw 9,500 & 15.160 relays XEW (s) "Military March" by guitars. (i) 4 chimes in descending scale. Emilio Azcarraga, Director. Othon M. Velez, Manager. Cadena Radiodifusora Mexicana, S. A., Owners. Calle Ayuntamiento 54. Apartado 2516.

XEXA Mexico City 300 w 6.130 relays XEDP 1,080 (s) "Mexican Pentaphonic Motif." (i) 4 Telechime Notes. Alfonso Garcia, Juan Roca and Juan Jenkins, Announcers. Guillermo Morales B., Manager. Government Station under direction of the Oficina de Propaganda, Departamento Automatico de Publicidad y Propaganda, Av. Argentina y Luis Gonzalez Obregon. For veries: Oficina de Propaganda (DAPP), Bucareli 12, Desp. 103, Mexico, D. F.

**CUBA**

It appears that Apartado 33 of Habana may have been the recipient of unacknowledged mail. Of general interest may be the incidental mention of Station COCM by a member in his letter to the QRC: "I am very much in favor of the QRC's getting veri cards from the foreign stations. I only wish all short wave stations would fall in line and then the DXer's worry as to whether or not he would get his card would be ended. More power to the QRC! Some that I have reported to are headaches like CMCM-COCM. They frequently announce that anyone reporting this program to Box 33 will receive a card of verification. I have yet to receive mine from 4 reports, but am again being a sucker and sending in a fifth. I venture to say that of all the SW BC stations to which I have reported, not more than 40 per cent have answered. The rest of my money, you might say, is shot."

By a coincidence we are privileged to quote the introductory remarks of a member in a letter addressed Station COCM: "I have before me copies of six reports made to your station at *your* request, the first being dated August 23, 1937. Each time a reply coupon was enclosed for your kind verification and I wonder . . ."

For the protection of members, since the autumn of 1935, the QRC has been requesting the verification

of their reports by stations under the Connoisseur Plan, advancing neither coupons nor cash, but offering instead a copy of the REPORTER for each veri received. At the same time a vastly greater number of reports—more than 50,000—have been forwarded the stations with no request whatever, that is, with no favors asked. The rejection of a quantity of these "courtesy reports" caused the QRC to cease forwarding Connoisseur reports to COCM, whether or not verification might be desired. The notice to the effect that the QRC declined to waste postage, etc., related to the forwarding of Connoisseur Reports by the QRC. Whether postage expended by members in writing direct to COCM might be wasted or not is a question for members themselves to decide.

Since writing the above, the QRC has received an attractive card from station COCM, apparently fresh off the press. In all probability, the delay has been due to printing, and listeners may now expect to receive the promised cards.

**SPANISH MOROCCO**

Radio Tetuan of the city by that name, operating on 14,004 kcs, is reported by a member to have been relaying Radio Nacional of Salamanca, after which Radio Tetuan continues with its usual broadcast. Recently, instead of the call EA9AH as formerly, the call EAHH appears now to be in use.

---

HP-5A "Radio-Teatro Estrella de Panama," (Star & Herald Radio Theatre) Panama City 300 w 11.700 (s) "Anvil Chorus." Brandon Eisenman, Announcer. A. Villegas Arango, Managing Director. Radio-Teatro, Inc., Owners. Studios: Av. Sur No. 8. Apartado 954. (Veries via QRC.)



BROADCAST SCHEDULE—EASTERN STANDARD TIME

Megs.	Mets.	Location	Call	3	4	5	6	7	8	9	10	11	12	1	2	3	Days
6.015	49.88	Santiago	HU3U														SMTWTFSS
6.020	49.83	Berlin	DJ1C	7:48 $\frac{1}{2}$													SMTWTFSS
6.050	49.83	Veracruz	XEUJY	10 $\frac{1}{2}$	11 $\frac{1}{2}$	11 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$	6 $\frac{1}{2}$	10 $\frac{1}{2}$							SMTWTFSS
6.050	49.75	Panama City	HP5B														SMTWTFSS
6.040	49.67	Boston	W1XAL	8.9 $\frac{1}{2}$			2	4									SMTWTFSS
6.040	49.67	Barranquilla, Col.	HJ1ABC														S
6.050	49.58	Colon, Panama	HP5F														SMTWTFSS
6.054	49.55	Ferreira, Colombia	HJ6ABA	9 $\frac{1}{2}$			1 $\frac{1}{2}$	3	5	8							SMTWTFSS
6.060	49.50	Philadelphia	W3XAU														SMTWTFSS
6.060	49.50	Cincinnati	W8XAL	6													SMTWTFSS
6.065	49.46	Motala, Sweden	S B O														SMTWTFSS
6.065	49.46	Medellin, Colombia	HJ4ABP														SMTWTFSS
6.070	49.42	Toronto, Canada	CF-RX	8			1 $\frac{1}{2}$	5	6	9 $\frac{1}{2}$							SMTWTFSS
6.070	49.92	Georgetown, Br. Guiana	VP3MR	7 $\frac{1}{2}$													SMTWTFSS
6.070	49.42	Maracaibo, Ven.	YV1RD														MTWTFSS
6.073	49.40	Bogota	HJ3ABF														SMTWTFSS
6.075	49.38	Guadalajara, Mexico	XE-CU	9			1	2	4	6							SMTWTFSS
6.082	49.32	Lima, Peru	OAX4Z														M W F
6.085	49.30	Cal	HJ5ABD														SMTWTFSS
6.090	49.26	Toronto	CRCX														SMTWTFSS
6.097	49.20	Medellin, Colombia	HJ4ABE	9 $\frac{1}{2}$			1	4	6	9							SMTWTFSS
6.100	49.18	Chicago	W9-XF														SMTWTFSS
6.100	49.18	Bound Brook	W3XAL														SMTWTFSS
6.110	49.10	Manizales, Col.	HJ6ABB														SMTWTFSS
6.110	49.10	Davenport, England	G S L														SMTWTFSS
6.110	49.10	Mexico City	XE-PW														S
6.120	49.02	Mexico City	XE-UZ	9			11		4	7							M
6.122	49.00	Arequipa, Peru	OAX6A	10					4	7							SMTWTFSS
6.125	48.98	Montevideo, Uruguay	CXA-4	10 $\frac{1}{2}$			12 $\frac{1}{2}$		3 $\frac{1}{2}$	7							SMTWTFSS
6.130	48.94	Habana	COCD	10													SMTWTFSS
6.130	48.94	Halifax	VE9HX	5 $\frac{1}{2}$													S
6.130	48.94	Georgetown, B. G.	VP3BC	6 $\frac{1}{2}$													SMTWTFSS
6.140	48.86	Medellin	HJ4ABD	10 $\frac{1}{2}$			11 $\frac{1}{2}$		3	4 $\frac{1}{2}$							SMTWTFSS
6.140	48.86	Pittsburgh	W8-XK	10					2	4							SMTWTFSS
6.150	48.78	Winnipeg	CJRO						3	6							S











## VERI ASSURANCE

To save listeners from loss or disappointment, the QRC has obtained of the stations listed below, absolute assurance that all correct reports, accompanied by a dime (instead of a reply coupon) and submitted via the QRC by listeners in the United States and Canada, will be instantly verified. The pro-rata expense to the QRC in the handling of such requests is estimated at 3 cents each.

No letter of request need be written. Just send your report with a dime and 3 cents to the QRC and the QRC will convey your report to the station with the request that it be verified. In due course you will unfailingly receive your verification, issued and mailed by the station direct to you.

### DIME VERI STATIONS

4.841 HJ3ABD Bogota, Colombia	Roberto Ramirez, Gerente
5.755 YV2RA San Cristobal, Ven.	Jesus M. Diaz G., Propietario
5.850 YV1RB Maracaibo, Ven.	Juan Suarez C., Manager
5.875 H R N Tegucigalpa, Hond.	Rafael Ferrari, Manager
5.885 HI-9B Santiago, Rep. Dom.	J. L. Sanchez, Jr., Director
6.015 HI-3U Santiago, Rep. Dom.	Moises Franco Franco, Director
6.015 HJ3ABX Bogota, Colombia	C. Rios Hoyos, Gerente
6.030 XE-BQ Mazatlan, Mexico	Alejandro A. Schober, Gerente
6.085 HJ5ABD Cali, Colombia	Jorge E. Rivas, Gerente
6.150 HI-5N Moca, Rep. Dom.	J. B. Curiel, Propietario
6.206 HI-8Q Trujillo City, D. R.	Julio O. Garcia Alardo, Owner
6.243 H I N Trujillo City, D. R.	Ernesto Soler, Director
6.280 H I G Ciudad Trujillo, D. R.	G. Saladin, Manager
6.360 YV1RH Maracaibo, Ven.	G. Nouel, Director Tecnico
6.610 YN-LG Managua, Nica.	Benjamin J. Guerra L., Manager
6.630 H I T Ciudad Trujillo, D. R.	F. A. Sanabria, Manager
6.668 HC2RL Guayaquil, Ecuador	Dr. Roberto Levi, Manager
6.800 HI-7P Trujillo City, D. R.	Jose M. Roques Roman, Owner
9.300 H I G Ciudad Trujillo, D. R.	G. Saladin, Manager
9.300 YN-GU Managua, Nicaragua	Miss Matilde Haydee Diaz, Dir
9.330 OAX4J Lima, Peru	Antonio Vazquez P., Gerente
9.500 H J U Buenaventura, Col.	Alberto Pinzon Neira, Gerente
9.520 XE-DQ Guadalajara, Mex.	Mario E. Bozzano, Manager
9.550 XE-FT Veracruz, Mexico	Jose Rodriguez Lopez, Gerente
9.630 HJ7ABD Bucaramanga, Col.	V. R. Cadeno R., Manager
11.700 HP5A Panama City	A. Villegas Arango, Manager
11.700 CB-1170 Santiago, Chile	Luis M. Desmaras, Gerente
15.440 XE-BM Mazatlan, Mexico	Jose F. Azcona, Gerente

(See Inside Front Cover)

