

# NEW ZEALAND DX TIMES

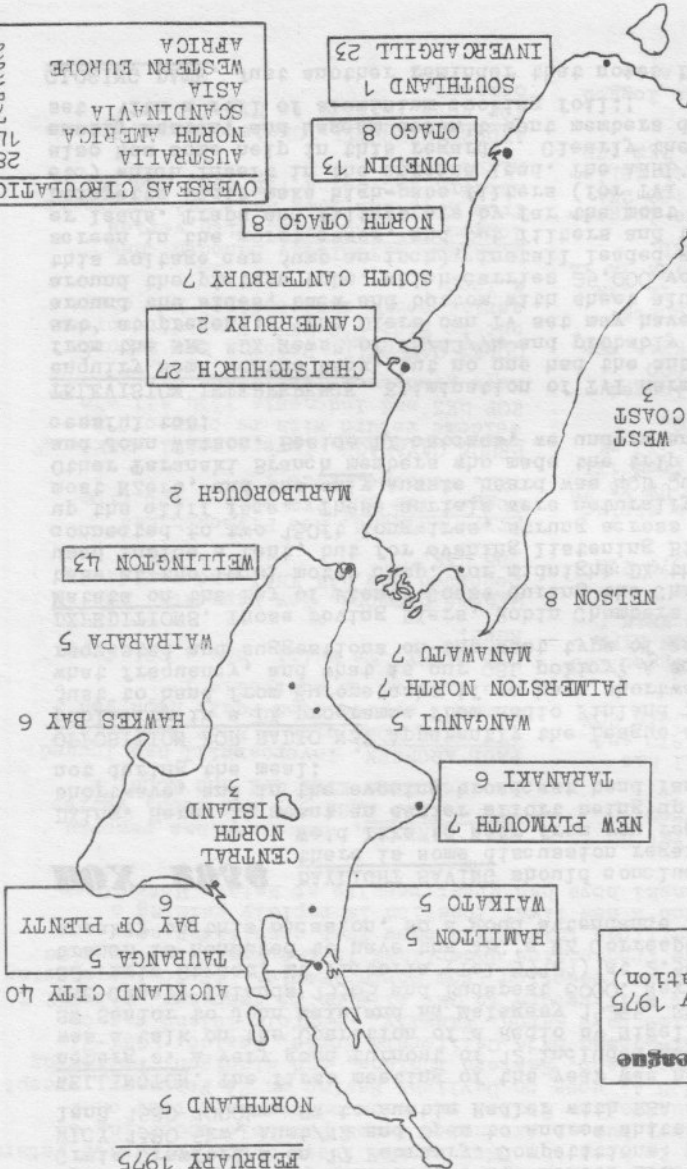


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MEMBERSHIP DISTRIBUTION  
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PLEASE NOTE.

With most of Magcom off to Australia next month with the DXcursion, the closing date for March will be a week earlier, that is -

WEDNESDAY 26 FEBRUARY.



OVERSEAS CIRCULATION

AUSTRALIA 28

NORTH AMERICA 14

SCANDINAVIA 7

ASIA 7

WESTERN EUROPE 28

AFRICA 28

## 2 FROM THE BRANCHES

**SOUTHLAND.** The branch opened its activities for 1975 with a barbeque at the Oreti River on 25 January. At Paul Aronsens on the 28th January, discussion centred on restructuring of the branch competitions and on the new branch DX listing post at Timaru. Arthur Williams, formerly of Timaru, was welcomed to branch membership. Competition results: Steven Greenyer KONE Nevada 1450 250W and Arthur Gushen VLN1 Norfolk Is., 1570 50W. Merit to Irene Simpson KXIS 990 5Kw. SW winners Lindsay Robinson Iceland 12175 10Kw and Steven Greenyer Chad 14904 30Kw.

**CANTERBURY.** The January meeting was held at David Hicquish's on the 15th. A special welcome was extended to new member Bruce Oliver. Next meeting is at Craig Crawford's on 17 February. Competitions: RB Nth Am to Lance Johnston WICJ 1380 5Kw, Aust/NZ and Open to Andrew White with 2ZA 940 and VORA That-land 1580 1000Kw. SW to Austin Hadler with RSA 11900 and SBC 3985, both 250Kw. WELLINGTON. The first meeting of the year was held on 26 January at Dene Lynn-abeberg's. A very good turnout of 12 included newcomer Brian Oliver. Featured was a talk on the operation of a Radio by Nigel Robins. Competition Results: SW Senior to John Mainland RM Malagasy 15265, SW Junior to Cecil Symmes with RNE Canary Islands 15365 and Budapest 6000. Next meeting at Bruce Williams, 82 Erie Street, Mt Victoria (Tel 59121) at 2.30pm on Sunday 23 February. The speaker on this occasion, so a good attendance is hoped for.

## BOX 2956

DAYLIGHT SAVING should conclude on 22 February, although there is some discussion regarding an extension into March. We'd like to hear from you regarding it's effect on your DXing. Here, it meant an easier effort being up for the morning Africans on shortwave, and in the evening broadcast band Yanks came in after dinner and not during the meal!

OPPOSITION FOR RADIO NZ? Apparently the League and the Times received some publicity in a DX programme from Radio Finland in late November. A letter just to hand from Europe asks if we have shortwave transmissions, if so, what frequency, and what is our QSL policy? A schedule of our broadcasts was requested and suggestions on the best type of aerial to pick us up!

DXPEDITIONS. Those roving DXers, Robin Chambers and Bill Woller journeyed to Natata on the Bay of Plenty Coast during the Christmas vacation, and set up base at the local motor camp. For midnight DX the Hamarlund and MW loop were used inside a tent, but for evening listening Bill's Philips Portable was connected to two 150ft longwires, strung across a road and almost vertically up the cliff face. These aerials were naturally shielded from Australia and most NZers, and the only Aussie heard was QD Queensland on 1550 after 10pm! Other Taranaki Branch members who made the trip to Natata were Kevin Bradley and John Watson. Beside DX catches, we understand the fishing was very successful too!

TELEVISION INTERFERENCE. Elimination of TVI harmonics was the subject of an enquiry some months back, but no one had the answer. The following comes from the NRC "DX News" of 18/11/74 and probably sums up the state of the art' at present: - "The DXers own TV set may have to be completely shielded around the sides, back and bottom with sheet aluminium (leave clearance around the picture tube, which carries 25,000 volts on the inside shell, as this voltage can jump an inch), install leaded glass in front of the antenna and power leads. Traps and filters are by far the most cost-effective approach. Lafayette Radio make high-pass filters (for TVI elimination from CB radios, etc) which insert in the antenna lead. The ARRL's Radio Amateur's Handbook also has some help in this regard." Clearly the source of TVI cannot be easily beaten, and Maccom doesn't want members diving into the family TV set with a roll of aluminium cooking foil!!

CLOSING DATE. Just another reminder that notes for next issue due 26/2/75.

# BROADCAST DX

+ Radio Broom, the station of the Auckland University Students' Association has again been granted a short term broadcasting licence for the beginning of the 1975 academic year. 1KB will be on the air from Saturday 23 February to Saturday 15 March, 5 p.m. to midnight Monday to Friday, and 9 p.m. to midnight Saturdays and Sundays. The frequency again is 950 kHz, with the output 100 watts, bandwidth 10 kHz and the proposed antenna - a forty foot top loaded vertical. Correct reports (don't forget return postage) to Radio Broom, Auckland University Students' Association, Private Bag, Auckland will be verified by their distinctive verification card - a talking point in any QSL collection.

+ Daylight Saving continues to keep the DXer on his toes. N.Z. is due to return to normal time on 23 February, but an extension seems possible according to press reports on 5/2. All Australian States are back on standard time on 2 March. On the other hand, U.S.A. goes on Daylight Saving on 23 February, except for Arizona, Hawaii, southern Idaho, Eastern Indiana, and Michigan. Following suit will be Jamaica (to GMT-4) and Baja California Norte, Mexico, (GMT-7).

For Arizona, Hawaii, southern Idaho, Eastern Indiana, and Michigan. Following Chile reports to standard time on 9 March. Finally, Norfolk Island was on summer time this season, but will return to GMT+12 on 23 February. All OK?

+ This time of the year sees good reception from North America. If you're chasing your first Yanks - check the frequencies underlined in the trail in the time period 0700-0900. More experiments this month show that conditions are holding up - Southern branch's new Tlaxcala location is rapidly gaining a reputation, whilst the Taranaki boys had great results at Matawa Motor Camp in the Bay of Plenty.

ELISABETH HELLAR, Buils is first up this month with only one QSL from 310.

SUTTON BURTESHAM, Invercargill has logged 20N 20J KWPJ DW Maata 1570 and WHAS with veries in from JOGB JOIB 20N 2Jf and JOVR.

BRYAN CLARK, Wellington has logged 2Jf with QSL's in from KOHO KGB KKON KIPA 620 (A/NZ first) Singapore 790 KRAK.

ARTHUR GUSHEN, Invercargill has reported 2Jf and QSL'd Maata 1570 2YM 20N VIZNI.

BRIAN OLIVER, Wellington has a string of reports to 1XA 20H GN 1E NX UW YA ZB 3XA ZC 4XD 5Jf 710. QSL's in from 1X1 XW XX XZ (1140) ZH ZM ZN ZO ZU 2Jf WI ZA ZC ZD ZG ZP ZQ ZR YW ZM 4XO.

AIAN ROBSON, Christchurch has logged 2RE 2Jf KGBS KJIS 3JK Cook Is 600 A3Z and verified KSL WHAS WHO KRAJ WSB.

PAUL RAWDON, Lower Hutt has reports off to 1YA YX YZ YK 2YZ ZH 3YA YZ 4YA YK 2YZ ZH 3YA YZ 4YA YZ and KSL.

ANDREW WHITE, Christchurch has logged KFRG KGA KGO KJK 2ZN 2ZG 1ZC 1ZB 2ZA 2ZM 4ZB 4ZC 2ZM 1ZD 2ZC with QSL's in from XEROK KPOI 2ZN 2ZG 2ZD 2ZM 1ZD 1ZA 1ZB 1ZC 2ZA.

DENNE LYNNBERG, Titahi Bay, has logged KXOR 1450 WABG WBN 2Jf and QSL's in from KKON 4G 600 and 2YM.

STAN LARKING, Whakatane has reports off to 2Jf HISA 595 and KOON. Veries in from CHQM KTWQ 4JK and KOON.

PAUL ARONSEN, Invercargill has logged 1XX KJIS KDKA with a KRAJ verie. Comment appreciated Paul. Hope you can make it to Australia!

DES DAVEY, Te Kuiti has a QSL from KGB.

Graeme Hammond, New Plymouth has reported 3AW LAK KNDI and verified 3DB LAK.

Bryce Holland, New Plymouth has logged 1ZB and 2XW with a QSL from 1X1. Welcome Bryce!

BRUCE CAVANAGH, Invercargill makes a welcome return with reports off to 2CP 4KZ and Indiana 1334 all who have graciously verified.

COLIN CAMPBELL, Rotorna has reports out to 5Jf 710 2ZH. Your firecreen aerial sounds interesting. How about a loop!

JONATHAN ALTONSON, Dunedin has logged 3GJ and KRAJ, with veries from KPOI and 3GJ. National programme

ANDREW WHITE, Christchurch has logged KFRG KGA KGO KJK 2ZN 2ZG 1ZC 1ZB 2ZA 2ZM 4ZB 4ZC 2ZM 1ZD 2ZC with QSL's in from XEROK KPOI 2ZN 2ZG 2ZD 2ZM 1ZD 1ZA 1ZB 1ZC 2ZA.

ANDREW MITCHELL, Christchurch. Thanks for note. Passed to Nigel for comment.

SINCLAIR BENNETT, Christchurch has logged 2JJ KGIL KEX and CKFH 1430. CKFH always a good one Sinclair. 4

PAUL ORMANDY, Oamaru has logged 1YE 2YX YM JJ 4XD KXYZ 1320. QSL's are 2PK 3SH 4GY. 13K is KXYZ 1602 Fannin Bank Building, Houston, Texas 77025. No clues yet on 'Jive & Jazz Radio' 630. Afriad waiting list for radio already too long!

LINDSAY ROBINSON, Invercargill has reported KXYZ CJVB with QSL's in from 2BS KPNW and CJVB.

BILL WOLLER, Opunake is proud recipient of a QSL from WIZM 1410. First class Bill.

NIGEL GREENE, Paremata reported all but eight of the NZ BOB stations while holidaying in Whitianga, plus Tonga and two Fijians. Send ABC reports to the State capital. Ident of your 15110 is certainly Mexico. According to U.S. DX sources the station operates both as Tricolor and Fiesta at different times. Results from a frequency switch on MW.

STUART FORSYTH, Auckland has reported 2KY 2WG 2MG 3GL 2JJ with QSL's in from 1ZN 2NX WL ZN 3AR TR YW YZ and KNX. Don't worry re A3Z yet. They took seven months for me last year. A loop is worth the effort - hope you'll try building one again soon. See elsewhere for your second Yank.

JOHN DAVIES, Auckland has sent a report to 2JJ. Welcome John. Believe 4YQ will be 2kw in a month or so - certainly not audible here. Note that 2ZE is mornings only; Saturday evenings.

ROBIN CHAMBERS, Opunake has reports out to KCMO KDON JOIR KOVO KELI KJJJ 2JJ Libertad Panama 840 KUAI WHAS JOUB 2YM KPOK. Veries in from A3Z Libya 1448 SDR WKLE AFNT 1570 Titograd 881 and Nuie 620. A great holiday in Matata, Robin. Thanks for trails.

### DX SPECIALS

Monday 17 February 0900 - 1000 GMT

KGRL Reno, Nevada 780 khz 50kw (NNRC)

Monday 24 February 0730 - GMT

WOTT Watertown, N.Y. 1410 5/1kw (NNRC)

wednesday 26 February 0530-0600 GMT

WEXT West Hartford, Conn. 1550 1 kw D (NNRC)

## BEST OF THE MONTH

### SENIOR

WIZM La Crosse, Wisconsin  
1410 khz 5kw 137 points  
Bill Woller

### JUNIOR

WSB Atlanta, Georgia  
750 khz 50kw 110 points  
Alan Robson

## BROADCAST TRAIL

### EVENING

550	KMVI exc 0825	
600	Cook Is VG 0800	AR
	KOGO good 0915	
	CJOR news 0900 Mxd	
610	KFRG good 0758-0815	
	KUAM strong full ID 0830	
620	KGW good ID 0822	
650	WSM exc G & W over KORL 0850	
690	KKUA dominant 0715	
709	Pyongyang good //800	
730	CKLG good 0730	
750	KFQD exc 0740	
770	KOB exc from 0910	
	JOUB exc //750 0845	
778	Cuban good 0810 variable	
780	SSB 0801 WBBM off ?	
790	KABC strong 0850	
800	XEROK strong 0859	
	CKLW fair 0715 6/1	
820	WBAP exc 0730	
840	WHAS thru NZ 0745	
	Libertad, Panama fair good SS 0949-1008	
844	Gilbert & Ellice Exc 0845	
850	KOA strong around 0900	
870	KAIM fair 0845	T
910	KNEW exc regular 0700	
940	KFRE strong 0855	
950	KJR strong most nights	
960	KOOL dominant 0650-0706 5/1	
990	KKIS fair 0800	AR
	XET strong SS 0825-0835	T
	XET/KKIS/HJDB 0830	AR
1020	KGBS fair 0830	T
	KDKA and KGBS 0840	T
1040	KHVH exc 0708 Nx Wx	
1070	KNX thru 12B 0830	T
1090	KING strong 0815	
1120	Majak strong RR 1130	
	WVUV here 0815	T
1150	KEJP exc SS 0745	
1160	WJJD ? under KSL 0805	
1170	KOHO mixed 0640	
	KVOO strong 0815	T
1190	KEX strong 0815	T
1260	KGIL heard 0815	T

5

## DX FORECAST

1260 KGIL heard 0815 T  
CFRN good 0830  
1265 Paradise 0830 (a/n?)  
1270 KNDI exc 0840  
1269 Pops here 0813. Philippines ?  
1300 KOL good 0845. KWKW in SS thru at times.  
1330 KPOK good with KFAC 0740  
1360 KRYS good 0715  
KGB strong 0835-0845  
1375 Unid SS 0820-0840. Ann' Radio Interamericana...radio politica.'  
1380 KPOI dominant evenings  
1410 CFUN over 2YM 0800 T  
1420 KCCN hawaii 0800 T  
Strong tone test 0810 3/1 Who ?  
1430 KALI strong 0835. KELI testing 0802-0820 13/1  
1460 KDCN fair 0650-0704  
KSO dominant 0710  
1500 KSTP good 0800 T  
KXRX call 0900 T  
1510 WLAC & KGA mxd 0845 T  
1520 KOMA over NZ 0720 T  
1530 KPEK and WKY mxd 0800 T  
1540 KPOL good from 0555  
1570 XERF exc SS 0900  
1578 GSB5 Lisbon good 0755 19/1  
1580 KDAY good 0555  
1600 KATZ 0825 mixed

## MORNING

550 KMVI 1525 exc  
580 JOHG good 1420  
610 KUAM mxd 1515 all night now ?  
650 KORL exc 1330  
750 KXL/KFQD mxd 1320  
810 KCMO strong dom. 1328-1335 5/1  
880 KRYN exc 1400 5/1  
910 KNEW mxd 1335 7/1  
960 KOOL good dom. 1310-1320 5/1  
KOVO good briefly 1442 7/1  
900 GJVI news Exc 1503 7/1  
1020 KGBS exc 1445  
1120 KPNW exc wx 1500 7/1  
1130 CKWX exc 1500 Wx 7/1  
1190 KEX exc 1425  
1260 JOIR good 1435  
1300 KWKW call fair 1450 7/1  
1300 JJ mxd SS mxd 1350.

Credits: All unmarked the work of Robin Chambers at Matata and Opunake. T - Paul Aronsen and Ray Crawford at Tiwai Point. AR Alan Robson



## FEBRUARY

0655-0715 Portugal/Europe (especially late in Month)  
0700-0845 United States  
0800-0945 U.S. East Coast may peak  
0945-1030 Central Americans  
1300-1500 U.S. Pacific & East Coast  
1600 Hawaiians  
1645 onwards Middle East  
1800-1830 Europeans

## MARCH

0620-0715 Portugal, Europe - from 7 early in the month.  
0700-0745 Cubans, Central and South Americans; Canadians; East Coast U.S. to 0815.  
0700-0820 USA Mexico  
0915-0950 South Americans  
1600-1615 Hawaiians  
1645 onwards Europe, Middle East;  
1815-1845 North Africa, Europe.

Robin Chambers

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# CAN-AM REPORT

## STATION NEWS from National Radio Club's DX NEWS

- |   |   |
|---|---|
| 670 WMAQ is going country & western. Slogans "All American Radio", "67-Q" | 1470 KAZM Senoda Arizona new 5kw day callsign to be approved.                                       |
| 710 CKZO Clareville, Newfoundland ET with 10kw first noted November.      | 1470 KKEP Colorado granted call KSIR  |
| 720 KQRX Las Vegas, Nevada is on with 50kw day, 10kw nights.              | 1490 WCKC Milton Florida is CP.   |
| 740 KBRG Calif new call (presume ex KBIG)                                 | 1490 KEDI Colorado granted call KIIQ.   |
| 860 KTRB Calif is 24hrs. 1kw nights.                                      | 1520 KYXI Oregon now NBC network.   |
| 950 WRMA Alabama now NSF. (Orig 1kw day)                                  | 1560 KKAAB Aberdeen Sth Dakota now on with 5kw day and night. Regularly hrd on American East Coast. |
| 1100 KFAZ Calif is 1kw ND 0600-1100 GMT and 50kw DA 1300 to local sunset. | 1570 WHRF NY granted call WRON.   |
| 1270 KWVB Nth Dakota requests old call of KBOM.                           | 1600 WAYC Bedford, Pa. is CP.   |
|   | 1600 CHNR here since 11/74 ex CFRS on 1560. Shd be 10kw day and night.                              |

## CARRIBEAN NEWS from NRC.

Drifting Cubans observed by Ron Schatz: CMAQ 744, CMJN 783, CMDC 855, CMKG 1059 CMAD 1159, CMKD 1208, CMHK 1307, CMJI 1394, CMKQ 1317. A Radio Reloj Nacional outlet is noted on 1217kHz. A new Cuban has been observed on 1490 - call CMHL, relaying CMHW on 840kHz.

Radio Cristal, David City, Panama hrd on 1320 ex listed 1340, with fair signal till close 0500 GMT. Geoff Trower UK via WWDXC. (Chance here in few months?)

ZJB Plymouth, Montserrat observed with religious prgm on 885kHz at 0955GMT.

Radio Sonora, Guatemala on 1187 at 1210. YSCF Ondas Orientales, El Salvador on 1155 at 0528.



## PACIFIC ASIAN REPORT

LAOS. Split frequency Laotians - Radiodiffusion National Lao, Luang Prabang on 705kHz, 1100-1500 GMT. Military Station, Savannakhet 20kw on 575,000-1400. Pakse Military Station 20kw on 885kHz 2300-1400. DSWCI via NRC.

NORTH KOREA. Since 1/12/74, the North Korean based clandestine Voice of the Revolutionary Party for Reunification has operated on 1135kHz variable, in Korean from 1000-1600, with English no longer scheduled in this time period. NASWA Clandestine Bulletin 1/75

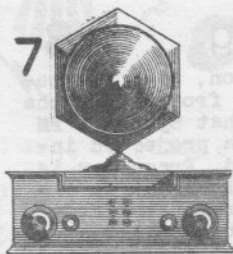
SOUTH KOREA. Latest schedule of HLDA, the FEBC 250kw outlet on 1570kHz is- 1000 sign-on, then Korean, 1230 Japanese, 1330 Chinese, 1600 Russian, and off at 1900 GMT. The station returns to the air at 2100 with Chinese and later English programming. K.Ushigome JSWC.

AUSTRALIA. Recent changes - 8GO Gove, NT, is a new ABC repeater on 990kHz with 500w, relaying 8DR/8AL/8TC/8KN. Arthur Cushen. VL5UV Adelaide University has been granted full time operation on 1560kHz with power of 600 watts. The station was formerly on 1630kHz. Callsign now is 5UV. Eric McIntosh.

PHILIPPINES. FEBC Manila are proceeding with erection of a new MW station at Iba, Zambales in Northern Luzon, to beam broadcasts to Hong Kong, South China and South East Asia. The station will have callsign DZRF, have an output of 250kw on 1470kHz, and completion is due in April 1975. K.Ushigome via SCDX.

HAWAII. Alan Roycroft advises he has applied for KPOI 1380 to move to 990kHz with 10kw, and hopes for a decision very shortly. He also expects that KIPA 620 will increase power from 1kw to 5kw by March. EC.

Closing date for March 'Times' - 26 February!



More news of the equipment that members use for their DX: PAUL EDWARDS of Wellington has a Hammarlund HQ200 and a Philco 5 valve receiver. Aerials are a 45ft longwire, a 36 inch MW loop, and a 30ft whip is on order. Also to help with those reception reports, Paul has a portable typewriter.

STEVEN GREENYER, Invercargill DX's with a Trio 9R.59, with assistance from a Phillips 4407 tape recorder, an Electronics Australia designed digital frequency meter and a Tech TE-20 RF signal generator. Antennas are two longwires and a medium wave loop.

PETER ELLERY, Fielding listens-in on a recently purchased Sony ICF 8000 six-band receiver with 14 transistors and 1 IC, and a Hamilton 6 valve, 2-band set. A big line-up of antennae includes a 100ft inverted L at 35ft, a 16ft whip, a 40ft vertical, a 60ft longwire at a height of 15ft and a MW loop. A National RQ206S cassette recorder and Sony DR9 headphones complete the set-up.

From RAY CRAWFORD of Invercargill comes detail of the Otatara DX site operated by himself, brother Alan, Trevor Service and Eddy MacAskill. The 3 roomed bach is well set up for extended DXpeditions with two water tanks, 5 bunks, a coal range/kitchen, an open fire to keep warm into the night, and a few armchairs for fireside comfort. The site is not linked to electricity, but a 24v battery system provides lighting and power for the sets. Batteries are recharged with a petrol driven generator giving 28v at 2kw. Permanent receiver is a 5-valve Ultimate of some 30 or 40 years vintage, with assistance from Ray's AR88, an Eddystone or Marsh Special from Eddies, or Alans CR100. Facilities are completed with antennas - 800ft NW, 100ft N, 400ft NNE, 400ft NE and 300ft W. At home Ray DX's with an RCA AR88D, Phillips taperecorders, Wavemeter Class D. Antenna is about 60ft long running westwards at a height of 12ft.

DELLAE MCKENZIE, Waipu, Northland uses a Murphy series 9 stereo tuner with S-meter, Sony 6-transistor portable and Tait CB4 transceiver. Aerials are a 46 ft ground plane, 42ft longwire at a height of 6.37m and a 6.37m converted crossarm TV aerial. A medium wave loop and booster are under construction.

TO BE CONTINUED - HAVE WE HEARD FROM YOU?

BARLOW WADLEY XCR-30  
CRYSTAL CONTROLLED RECEIVER



Dallas McKenzie of Christchurch comments:- "In my 16 years of

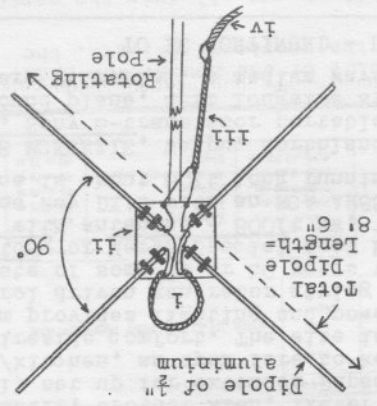
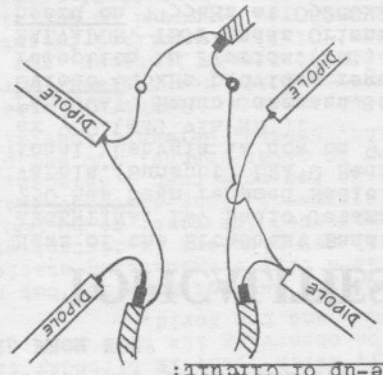
DXing in Australia and NZ, I've used many sets, including Eddystones, Trios, the Grundig Satelit and military surplus receivers. All had good points, but all with one common failing - not a good accurate dial. Well, the BW XCR30

does away with guess work. Its simple - dial up your frequency, adjust the antenna trim until the signal peaks on the strength meter, and you're on the station! I actually brought my Barlow Wadley as a second set but now use it full time. If you get the opportunity to try one out, don't miss it. You'll be pleasantly surprised!"

## TOPICALITIES

News of the Broadcast Band....  
ARGENTINA. LW7 Radio Catamarca 730 has been renamed Radio Felipe Varela. (Sunspot) LRA10 Radio Nacional, Ushvaia is now on 910kHz ex 900. (MWC via NRC).  
PARAGUAY. Radio Caaguazu, Coronel Oviedo 645kHz provides regular reception in Florida. (NRC)  
SALVADOR. YSCF Ondas Orientales heard on 1155kHz at 0528GMT (NRC)  
GUATEMALA. Radio Sonora presently on 1187kHz. Hrd 1210GMT. (NRC)  
COLOMBIA. New on 1170kHz is La Voz de la Heroica, Cartagena.  
CHILE. Radio Magallanes CB138, heard a few years ago in NZ on 1380kHz is now Radio Colo Colo, with the address Casilla 244V, Correo 15, Santiago. Sked 0900 -0300 but has been heard prior to 0900 occasionally. Power 50kw.

To date it's been a very quiet season, with few reports of co-channel TV interference from across the Tasman. CHRIS MARTIN, NSW advises that Sydney's FM transmitter output of 15 watts, with a protected increase to 1kw, does not auger well for FM-DX from New Zealand. Frequency is either 90.0 or 90.8mhz - one of these frequencies will be Melbourne FM. some aussie TV channels during the summer months. He has just obtained a verification was received last year from ABV Melbourne. G.S. CHOWLEY, Launceston has a 14 transistor "Mare" receiver with FM bands covering 88 to 174mhz, and asks for help in learning more about TV & FM DX. NZ TV channels are listed pretty in the World Radio TV Handbook and comprehensively in the NZART Call Book (right down to the lowestest transistor). The annual publication "How to Listen to the World" has interesting articles on this type of DXing some years. The TV sound frequencies here are 50.75mhz (Ch.1), 60.75 (Ch.2), 67.75 (Ch.3), 180.75 (Ch.4) etc, none falling within the FM Bands. Your 96mhz signal might be connected with a 1 watt transistor at Mount Maunganui on Channel 6 - 194.75mhz, twice your frequency. JACK BARROW, Lower Hut, submits details of a broad-band TV dipole with very effective performance. Construction is reasonably easy and is based on the same principles as the MW loop. It should be mounted as high as possible and clear of any possible obstruction which might cause reflection - ghosts. The pole should be revolved till maximum signal is attained. The dipoles are 2" aluminium or duralium. Thanks, Jack! (1) Matching Stub, 35 1/2" of 75ohm coax. (1) Matching Stub, 35 1/2" of 75ohm coax. Use metal saddles to hold dipoles. (11) 18" x 18" x 1" Mounting Block. Use (11) Matching Stub, 35 1/2" of 50ohm coax. (11) Lead-in to receiver. Any length of 75ohm coax. Close-up of circuit:



FM FOR NZ? In Parliament on 14/10, the Postmaster General stated that the introduction of FM would be the decision of the Broadcasting Council and Radio New Zealand. It was envisaged that FM Radio would have a place "at some time in the future". However NZ was free of the overcrowding of MW stations and it was still possible to provide a high quality AM service free from congestion interference, he said. Further to the notes above, NIGEL ROBINS reports that the Sydney FM station, 2MBS operated by the Music Broadcasting Society of NSW, was officially opened by the Prime Minister on 1 February.

## TOPICALITIES

Items of medium wave news from our associate clubs overseas - BULGARIA Vidin on 575 till 1630 then on 1223 from 1631 till 2130GMT. Staga Zag- ora has moved from 1223 to 1178kHz. Radio UGANDA now has 100kw on 908kHz. ENGLAND. When a new transmitter site is completed, London Broadcasting Co. will use 25kw on 1451 and Capital Radio 100kw on 1546kHz.



Broadcast

LADDERS

Shortwave

Division	Dec	Feb	Inc	Cnt
GOLD STAR (Over 1250)	15	226	5	140
Arthur Cushman	129	444		
Arthur Cushman	129	444		
Merv Branks	193	4		
Keith Robinson	187	4		
SILVER ACE (751-1000)				
Eric McIntosh	863			
Robn Chambers	766			
Stan Larking	769			
Button Burtenshaw	761			
ACE (501-750)				
Stan Larking	671			
Dene Lynneberg	635			
Greame Shillito	603			
SENIOR (301-500)				
Paul Aronsen	397			
Ray Babbage	372			
Chris Martin	331			
Bryan Clark	313			
INTERMEDIAL (151-300)				
Lance Johnston	272			
Tony King	219			
Dallas McKenzie	199			
Lindsay Robinson	182			
Stanlar Bennett	180			
John Newman	166			
Des Davey	153			
JUNIOR (51-150)				
Alan Robson	145			
Jack Beale	136			
Gay Johnston	110			
Michael Smith	108			
Peter Jackson	97			
Bruce Cavanaugh	93			
John Bathurst	91			
Jonathan Atchison	89			
Philip Garden	55			
Bruce McGregor	54			
Elizabeth Helliar	51			
Greame Hammond	72			
Paul Rawdon	52			
NOVICE (1-50)				
Stuart Forsyth	48			
Andrew White	47			
Gavin Bennett	47			
Norman Clover	45			
Paul Ormandy	45			
Chris Mackereil	28			
Mark Nicholls	23			
Brian Oliver	(2)			
Colin Campbell	21			
Division <th>Dec</th> <th>Feb</th> <th>Inc</th> <th>Cnt</th>	Dec	Feb	Inc	Cnt
GOLD STAR (Over 1250)	15	226	5	140
Arthur Cushman	129	444		
Arthur Cushman	129	444		
Merv Branks	193	4		
Keith Robinson	187	4		
SILVER ACE (751-1000)				
Eric McIntosh	863			
Robn Chambers	766			
Stan Larking	769			
Button Burtenshaw	761			
ACE (501-750)				
Stan Larking	671			
Dene Lynneberg	635			
Greame Shillito	603			
SENIOR (301-500)				
Paul Aronsen	397			
Ray Babbage	372			
Chris Martin	331			
Bryan Clark	313			
INTERMEDIAL (151-300)				
Lance Johnston	272			
Tony King	219			
Dallas McKenzie	199			
Lindsay Robinson	182			
Stanlar Bennett	180			
John Newman	166			
Des Davey	153			
JUNIOR (51-100)				
Austin Hadler	144			
Paul Rawdon	140			
Bruce Cavanaugh	118			
Charles Douglas	116			
Leigh Morris	104			
Bob Boundy	109			
John Martin	(100)			
Ian Wells	96			
Jack Farrow	102			
Greame Hammond	88			
Brian Wollay	87			
Gay Johnston	86			
Chris Mackereil	76			
Cecil Symmes	74			
Andrew White	56			
Paul Edwards	51			
NOVICE (1-50)				
Paul Ormandy	47			
Mark Nicholls	38			

Welcome to new ladder entrants - John Martin, Brian Oliver, Stuart Forsyth, Paul Edwards. Welcome back to Bruce Cavanaugh and congrats to Lindsay Kob-Inson on reaching the 100 in countries verified. Let's see a better response with updated totals for April chaps!

# DIFUSORA HEMISFERIO, S.A.

APARTADO 205 - ZONA 2  
SANTO DOMINGO, R. D.

## RADIO CLARIN

by Chris Davis.

With the slogan "the station with the National soul and International view," Radio Clarin broadcasts 24 hours a day from Santo Domingo, the first city of America and cradle of civilization in the New World, in the Dominican Republic.

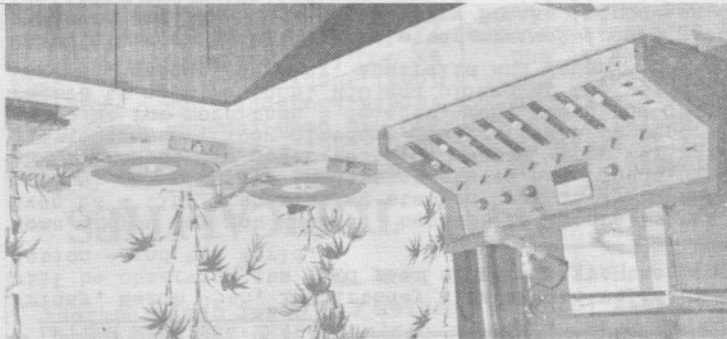
Radio Clarin is a complete broadcasting station, transmitting on medium wave, shortwave and FM. The station began operations in 1970 on 860kHz with a power of 10kw, this equipment being used until 1 July 1972, when the output was increased to 50kw, making it the most powerful medium wave station in the Dominican Republic. In April 1974, they started broadcasting in the 60 metre tropical band, 4850 kilohertz, with a power of 3kw.

Since January 1975, Radio Clarin has been broadcasting with new equipment on the 25 metre band frequency of 11700 kilohertz, with 10 hours of programming a day.

The FM transmitter, 5kw on 105.5MHz, is situated at Alto Bandera, a mountainous region 2834 metres above sea level in the central Dominican Republic. This transmitter effectively covers the entire country.

UHF transmissions link studios with the transmitters, and FM is used to link the studio with three mobile units from any part of the country.

The studio complex is very modern, giving a superior sound to broadcasting. The master studio, where simultaneous programmes for medium wave, shortwave - 60 metres and FM are produced 24 hours a day, consists of a Wilkinson



STUDIO FOR 25 METRE BAND BROADCASTS.

console, 2 Ampex tape recorders, 3 spotmaster cartridges players and 2 turntables. There are also 2 other studios with similar equipment and one is set aside for the 25 metre band broadcasts. An additional studio is used for news broadcasts. The entire complex is located in Avenue Mexico in Santo Domingo.

Radio Clarin has a total of 50 employees, in 5 departments; artistic, administrative, technical, press and commercial. Programmes include: at 0030 GMT "Clarín International", produced Monday to Friday by Teo Veras, in which letters from overseas listeners are answered. From 0300 to 0700 GMT "Show International" is hosted by Joseph Pena, and from 0700 to 0830 by Henry Familia. "Buenos Dias Santo Domingo" is aired at 1200 by Miguel Nunez. Sunday programmes are mainly cultural and informative, with closedown at 0300 GMT and reopening at 0830 GMT Monday.

To listeners who report on the transmissions of Radio Clarin, the station will send a letter, pennant or stamps of the Dominican Republic. IRC's are acceptable and 3 should be sent for an airmail reply. Our thanks go to Radio Clarin for making this interesting information available to DXers.

**SW**  
**QSL**

COLUMBIA. HLTZ La Voz de Cinaruco, Aranca. 4865 KHz, 1kW. QSL card, letter & postcard received by airmail in 19 weeks for report with 3 IRC's. Letter indicated that report was first accurate one from this area. (Fine effort Harry; Heard on and off in NZ in past few years, but no previous verifies to my knowledge. DL)

**La voz del cinaruco**  
**transmite desde aranca, para aranca, colombia y venezuela**

test frequency 5040kHz, power given as 500 watts. (Greenyer) (Seems only way to verify Cooks nowadays is by prepared card. who signed card? DL.)

Ecuador. Radio Paz y Bien, Ambato. Registered SS report sent with mint stamps. station. Verite signer Enrique Pesantez G.

HONDURAS. Radio Progreso, 4920. Printed letter QSL and pennant, in 6 weeks airmail for registered SS report with mint Honduran stamps. Signer Jerry E. Tolle, gerente. (Clark)

ICELAND. Iceland State Broadcast Service, Reykjavik 12175. QSL card with full details in English came airmail, postmarked 30/12/74 for report sent in November 1973; Card shows map of Iceland with slogan "The Voice of Iceland". (Marr) (Very good Tony; They must have come out of hibernation after a very long winter, ht. DL)



MAURITANIA. Nouakchott 7245 green, yellow & black card with full transmission data on reverse. Only verification data was date of report. No signature. Received airmail after registered followup in FR. (Lynneberg)

MAURITIUS. MBC Forestside 4795. QSL card back in 15 days for registered report with 2 IRC's. Signed by Chief Engineer Mr Rambert who commented: "Thank you for the report informing us that you noticed frequency drift from 4850 to 4795kHz. This will be checked. Some more reports will be appreciated". (Clark)

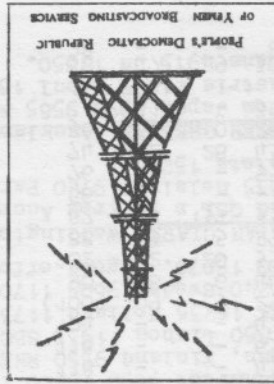
NIGERIA. NBC Calabar 6145. Postcard with full details received by air in two months, together with asked for the Voice of Nigeria. Report sent to Lagos. (Mainland)

YEMEN (Peoples Dem. Rep.) Aden 7190, pink coloured card with full details in English, received by 2nd class air from verite signer H.M. Ahmed. (Mainland)

QIANDWESTINE. Radio Euzkadi. QSL card showing map of the Basque region and photo of transmitting tower. Power is given as 80kW and frequencies 13250, 15080kHz, and times of transmission 2030, 2130 & 2230 GMT. Reported in EE to R.F. 59, Poste Centrale 75, Paris 16, France, with IRC. (Greenyer)

Thanks to Harry, Steven, Bryan, John and Paul Edwards. Closing date for next "SW QSL" feature is 17 March. Send details of your best verifications received in the next two months, to Box 2956, Wellington.

DENE LYNNBERG.



OF YEMEN BROADCASTING SERVICE  
PEOPLES DEMOCRATIC REPUBLIC



Although scheduled broadcasts from Trans World Radio's new station in the Southern African Kingdom began late last year, there has been no definite reception reported by League members in NZ to date. With the approach of our winter and better conditions for African DX, it seems only a matter of time before TWR Swaziland becomes a regular catch here. Till that happens, many a DXer will be scanning the bands in the hope.....

**Trans World Radio**

Swaziland Time (Daily)	Language	More Band
4:45-5:15 pm	Shona, "Swahili", Chinese, "Ndebele"	49 or 41 M
5:15-5:30 pm	Zulu	49 or 41 M
6:00-6:30 pm	German	49 or 41 M
6:00-6:30 pm	German	49 or 41 M
6:45-6:45 am	Afrikaans	41 or 31 M
6:45-7:15 am	Afrikaans and/or English	41 or 31 M
7:15-7:30 am	English - Sunday	41 or 31 M
7:30-10:00 am	English - Monday through Saturday	41 or 31 M


*programme schedule*

Effective: Nov. 1974 - Nov. 1975

Swaziland Time (Daily)	Language	More Band
4:45-5:15 pm	Shona, "Swahili", Chinese (Mandarin), "Ndebele"	49 M
5:15-5:30 pm	Portuguese	49 M
5:45-6:15 pm	German	49 M

**YOUR STATION FOR INSPIRATION**

Swaziland Time (Daily)	Language	More Band
6:55-7:00 pm	Zulu and/or Xhosa	60 or 75 M
7:00-7:30 pm	Zulu	60 or 75 M
7:30-8:00 pm	Afrikaans	60 or 75 M
8:00-8:15 pm	Afrikaans and/or English	60 or 75 M
8:15-11:00 pm	English	60 or 75 M



**TRANS WORLD RADIO**  
P.O. BOX 84 — MANZINI  
SWAZILAND — AFRICA

In a letter to the DX Times dated 22 January, David Fisher, Propagation Director of TWR Swaziland advises that the current schedule of the first 30kW transmit-

ters is 6070kHz at 0440 to 0700 GMT (to 0900 Sundays) and 1615-2000; on 3588kHz at 0350-0430 and 1615-2000. By the time tests will have been completed to put a second frequency into the 0440-0700 service, either 6175, 7250, 9520 or 11760 being most likely. Tests to Angola and Zaire were also planned for late January/early February at 1530-1600 on 1775 or 15165 or 11760kHz, and at 2010-2030 on 11760 or 9579(51c) or 7250. Good luck!

Schedule reproduced with acknowledgement - sent to South Africa DX Club, Times shown are GMT + 2.

Friday, March 15th, is birthday time at the Voice of the South. WSB Radio will be observing its 53rd year of service to the people of Atlanta, the Nation - and the World.

Some of you may not know it, but WSB is literally heard all over the earth. Even as a tiny transmitting station back in 1922, WSB received letters from crystal set pioneers in distant states and Canada. Then in the 30's, when WSB increased its power to 50,000 watts - the maximum power authorized by the government, long-distance dialers began to report it from other continents. So for more than 5 decades, men, women and children have tuned their radios to clear-channel 750 and picked up the voice of Atlanta far away in England, Sweden, Germany, Australia and Japan.

Only this week a delightful letter arrived from a good friend in the city of Invercargill, New Zealand. Merv Branks introduces himself as WSB's oldest continued overseas listener, who is still listening. To quote from Merv's letter: "I first verified reception of WSB for your program of August 15th 1953, when you operated on 740 kilocycles with 5,000 watts. That was 41 yrs ago. These days, because of crowded channels, higher-powered locals, with longer hours, we do not hear nearly so many North American signals so often. I have a listening post right on top of a sandy saddle approaching a rocky promontory, two-thirds surrounded by the waters of the South Pacific on Roanoke Street. A series of 6 long-wire antennas run in various northerly directions up into the sandhills. The one I hear Southern USA best on is 1060 ft long, averaging 16ft high and pointing east-north-east. Being away from power lines and on battery transistorized operation, there's no electrical interference." Reproduced from WSB Newsletter.

# Shortwave Mailbag 13

with JOHN MAINLAND

Austin Hadler, your unidentified station on 11805 around 1800 GMT is as you suggest, probably the Belgian Radio from Brussels. Refer to 'Bandwatch' where Arthur Gushen has noted the station. Several listeners tell of their vacationing, and others send good wishes for the New Year, which we reciprocate. It is pleasing to see the participation of our Australian contributors. Contributions as usual are plentiful.

BRIAN GALT, Palmerston North has received the following QSL's: RM Malaysia 11730 WMB 11775 Ghana 4915 FEBG 11890 Peking 11600 HGB 6130.  
ARTHUR GUSHEN, Invercargill has verified QBC Sackville 9755 Havana 11725 RRI 5965 5955 Lopik 11825 HGB 6175 KGEI 11905 QBC Sack 9945 7290 HGB 6170 QBC Dan. 9685.  
DRS DAVEY, Te Kuiti has QSL's in from AIR 11775 QBC 6140 Tahiti 6135 15170 Ned Bon 11730 Kuwait 9715 KGEI 9520 Peking 15060 NHK 15235 KOIN 11765.  
BRIAN MOLLAY Auckland has 35 out and QSL's in from ROI 6140 Prague 11990 TWR Monaco 11770 Pakistan 17830 21730 Moscow 5960 plus permanent VOA Delano 6110 Havana 11930 RME 11775 APRIS 6030 Bucharest 11940 Kuwait 15415  
HARRY WEATHERLEY, Melbourne has 'em back from RFE 7190 VLBM 9575 VOA Oklahoma 11760 WMB 11775 RA 11810 17715.  
JACK FARROW, Lower Hutt has QSL's from HGB 6085 Israel 7395 DW 9605 ORTF 11710 Spain 11925 Cuba 15155 VLMW 15425 VOA 21610.  
BARRY WILLIAMS, Auckland has QSL's from Tahiti 15170 R. Ned Tahata 11740 FEBA 11740 15255 Ankara Met 6900.  
DALLAS MCKENZIE, Christchurch has 14 out and Verles back from NHK 17880 HGB 9745 RAI 11905.  
HANS DE JONG, Tasmania has QSL's back from RA Lyn 6005 RA Dar 21725 ORTF 11710 Tashkent 11730 Moscow 17730 WMB 11775 RRI Djakarta 11790 Lopik 15260 15415 Malagasy 17715  
RAY SCHENK, Melbourne has one from WMB 11775. See you next month!  
PAUL ORMANDY, Oamaru has 65 out and QSL's from RA Shepp 11970 and RA Lyn 15240 6005.  
NORMAN GLOVER, Hamilton has QSL's from ROI 6140 TWR Bon 11825.  
LINDSAY ROBINSON, Invercargill has QSL's from Iceland 12175 DW Worch 6040 Baghdad 6095 FEBB 11740.

IAN WELLS, Milton has QSL's from Gubtenza 5095 Luxembourg 6090 Iran 9022 FMN Japan 6155 Saudi Arabia 9605 Sri Lanka 11800. Good going Ian.  
BILL HUBBISTON, Auckland has 7 out and QSL's in from RNE Canary 15365 11800 RA 17850 9690 Israel 12025 9815 Austria 17850 WYFR 11850 NHK 5990 SBC 3985 QBC 6110 Tahiti 15170 RSA 17780 BOC Taiwan 15370.  
STAN LARKING, Whakatane has 19 out and QSL's in from La Cruz del Sur 4875 Wien 17800 21675 Mercado 6012 Kuwait 6055 Berne 17840 Tokyo 7195 9585 KGEI 6195 HGB 9760.  
BRUCE GAVANAGE, Invercargill has QSL's from Tahiti 15170 Prague 11990 Morocco 3220 Thailand 9655 RA 11790 VOA del 6095 Phil 9555 6020 11895 Woorf 7200 Moscow 11880 15180 DW Kigali 11925 DW 7130 NHK 9530 9605 11705 15195 15235 HGB Tebran 7180 HGB 9745 Ned Bon 9770 Sweden 11705 Peking 11600 11720.  
TOMATHAN AITCHISON, Dunedin has one from Ghana 4915  
DENE LYNNBERG, Tihati Bay has one out and QSL's from Mauritania 7245 and DW Worch 9510.  
AUSTIN HADLER, Christchurch has QSL's in from Yugoslavia 6100 Cairo 9475 Romania 7225 RSA 11900 SBC 3985 6165 Vattian 9615 WMB 11775 ORTF 9620

NIGEL ROBINS, "Ainulomata has two out and QSL's from VORC 11825 plus permanent and Vatican 15120.  
LANCE ANDREWS, Dunedin has QSL's in from Cairo 9475 Spain 11775 HGB 11915 Ned 15415 Japan 17725.  
GRAEME HAMMOND, New Plymouth has 2 out and awards in from Ned Had 15110 Israel 7395 BGC 7185 DW 9545. JOHN DURHAM, Meremere has 23 out and QSL's in from DW Koin 6185 6040 Tereid 9815 BGC Tebran 3915 Lome 5047.

PAUL ORMANDY, Oamaru has 65 out and QSL's from RA Shepp 11970 and RA Lyn 15240 6005.  
NORMAN GLOVER, Hamilton has QSL's from ROI 6140 TWR Bon 11825.  
LINDSAY ROBINSON, Invercargill has QSL's from Iceland 12175 DW Worch 6040 Baghdad 6095 FEBB 11740.

5047.

A. MITCHELL, Christchurch has QSL's from Bucharest 11940 BBC 7150 VOA Phil 15210.

PAUL RAWDON, Lower Hutt has nine out this month with QSL's in from DW Sack 6085 Japan 15195 15270 RN Bon 15320 Afghanistan 15195 Moscow 7360 AFRTS G 11790 Liberty Spain 9660 Portugal 11935

ALAN ROBSON, Christchurch has 21 out and QSL's in from SBC 11720 15410 6165 9725 NHK 11725 15430 RA Shepp 15400 Budapest 15220 Sofia 9700 VOA Dixon 21610.

CYRIL SYMMES, Wellington has had a bumper month with QSL's in from RA 6005 11720 11970 15400 17870 Belgium 11855 VOA 21610 Phil 6040 HCJB 9745 11915 Budapest 6000 11910 Japan 9530 Moscow 17900 P & P 21635 Cuba 15155 Kuwait 9715 15345 Austria 21675 Israel 9495 India 11775 France 11735 Spain 9630 BBC 21470 RNE Canary 15365 Greece VOA Kavala 7170 Pakistan 21590 Taiwan 17890.

STEVEN GREENYER Invercargill has QSL's from FEBA 11740 Chad 4904 Sierra Leone 5980 Libertad 5042 Lopik 6045 SIBS 9545.

COLIN CAMPBELL, Rotorua has 21 reports out and QSL's in from RA 11790 11970 both Shepp and Brisbane 11885

BRYAN MARSH, Auckland has veries in from Portugal 11875 11840 Austria 21675 17850 17775 7250 6155 Red Cross 7210 16305 11775 LP from DW.

JACK SEARLE, Haumoana has veries from RN Bon 15220 Singapore 11940 RA Shepp 11840 17850 RA Dar 21725 BBC 3952 DW Koln 9510. It is pleasing to see the BBC giving verification details when replying.

PAUL EDWARDS, Wellington has rewards back from Peking 5, IBA 5 freqs, Bucharest 9690 15240 Iran 9022 plus penn, Finland 9550 RNE 15145 Norway 11850 Lisbon 11935 SBC 9725 11715 NHK 15235 Holland 11730 11825 Belgrade 15240 Sweden 9605 11705 Poland 7285 BBC 15070. A good effort Paul.

BRYAN CLARK, Wellington has 7 out and QSL's in from Accra 6130 SABC 4835 Helsinki 9720 Pakistan 21730 RN Talata 15220.

PETER GREENER, Auckland has QSL's from Japan 5990 9585 Nederland 11825 Austria 21675 Kabul 15195 Norway 15175 Ghana 4915 UN 17850.

JOHN MARTIN, Lower Hutt has 126 reports out and veries in from SBC 3985 BBC 7120 Moscow 7380 NHK 17725 17825 RN Lopik 11825 15110.

JOHN WATSON, Waipawa has veries in from RFE 11835 Vatican 11740 Peking 9640 WYFR 4 freqs BBC 17790 WINB 17775 Sweden 6065 Moscow 4 freqs Japan 9585 RA Dar 17850 15415 7270 Shepp 11930 Singapore 5052. Some interesting ones there John.

JOHN MAINLAND, Wellington has 3 out and QSL's in from UN Dixon 9555 Helsinki 9720 Bucharest 17775 RN Talata 15265 Brussels 9730 21475 Chile 9550.

## BEST OF THE MONTH

### UNDER 9 MHZ

Accra, Ghana 4915 khz 10kw  
Jonathan Aitchison

### OVER 9 MHZ

Iceland 12175 khz 10kw  
Lindsay Robinson



### STATION OF THE MONTH

During the third United Nations Rights of the Sea conference, when the world's attention was upon Caracas, and import -ant advance took place in the development of Venezuelan broadcasting. For the first time in the history of the country, the Voice of Venezuela was heard in foreign lands through the facilities of Radio Nacional de Venezuela whose transmitters carry the official responsibility for broadcasting to overseas listeners. The overseas broadcasts represent a big step ahead in Venezuelan journalism and are the idea of Dr Carlos Gottberg, director of Radio Nacional since March 1974. It should also be noted that a great deal of credit must be given to Sr. Simonides Dominguez, Technical Director of Radio Nacional. In order to be heard overseas in Spanish and English, Radio Nacional has two transmitters of 30kw each with directional antennas beamed to Europe, North and South America. The international service of Radio Nacional is heard Monday to Friday on 15390 with English at 2340.




<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME &amp; RECEPTION DETAILS</u>	<u>INITIALS</u>
6045	0915	INDONESIA	RRI Jakarta	with ident. Poor but improving.	CS
6050	1935	ITALY	RAI Rome	fair in EE to Europe.	AR
6055	0745	CZECHOSLOVAKIA	Prague	good with EE Nx. <u>CS</u> . Fair-good in EE.	HW+
6065	0728	MALTA	DW Malta	relay excellent in GG.	PO
6085	0626	WEST GERMANY	Bayerischer Rundfunk, Munich	mx & advts in GG, good. <u>JD</u> . 0730 fair but noisy. Nx in EE/GG/FF sked 0800.	JS
6085	0410	WEST GERMANY	DW Cologne	good in GG. <u>JS</u> . 6075 at 0805 in GG.	CS
6090	0730	LUXEMBOURG	Radio Luxembourg	fair in GG but mixing VLI6 Sydney	AR
6095	0430	ECUADOR	HCBJ Quito	vg in Russian.	<u>JW</u>
6100	0715	MALTA	Radio Canada	Relay vg in EE & FF //7290 good. <u>PO</u> . 0640 FF Nx good. <u>JF</u> . 6110 RCI to Africa at 1800. Poor due <u>JRM</u> .	<u>JD</u>
6145	0552	NIGERIA	NEC Calabar	in clear after Cologne off. Nx in EE 0600. Poor but improving. Blocked by jammer from 0635.	<u>BC</u>
6155	1836	AUSTRIA	Vienna	fair with sports news.	<u>PR</u>
6165	0710	SWITZERLAND	SBC Berne	good in EE.	<u>FE</u>
6180	0447	CYPRUS	BBC East Mediterranean	Relay good signals, but apologising for inability to relay London due atmos.condx, 1/2.	<u>BC</u>
7065	0630	ALBANIA	Tirana	s/on in EE, then nx, fair. <u>AR</u> . Nx & cmtry, fair.	<u>AM</u>
7100	0815	MONACO	TWR Monte Carlo	good with religious prgm.	<u>CS</u>
7105+	1916	SPAIN	RNE Madrid	good with SS mx prgm and many idents. <u>DW</u> . Exc. <u>JD</u>	<u>RS</u>
7170+	2100	GREECE	VOA Kavala	fair in EE with mx prgm.	<u>RS</u>
7190	0505	YEMEN	DEM. REP. Aden	with AA songs till s/off 0530 with anthem	<u>SG</u>
7225	2015	ROUMANIA	Bucharest	good in EE. Tourist prgm noted Monday.	<u>AR</u>
7260	0045	NEW BRIDES	Radio Vila	poor in FF & EE. <u>CS</u> 0510 on extended sked 16/1 with cyclone warnings in EE, FF & Pidgin. Off 0530. <u>BC</u>	<u>BC</u>
7260+	0915	TAIWAN	Air Force B/casting Station	<u>JJ/CC</u> lang lessons. Hardest/	
7265	0508	GREECE	VOA Kavala	with Breakfast Show in EE. <u>DaM</u>	<u>ASWIC</u>
7265+	0746	WEST GERMANY	SWF Rohrdorf	fair in GG.	<u>HW</u>
7280	1900	MONACO	Trans World Radio,	rlg prgm for Middle East.	<u>PR</u>
7285+	0644	POLAND	Radio Warsaw	fair in EE.	<u>HW</u>
7325	0612	GREAT BRITAIN	VOA Woodferton	fair with Breakfast Show.	<u>PO</u>
9022+	2000	IRAN	Teheran	strong in EE with "Review of the Press".	<u>RS</u>
9415	1220	NORTH KOREA	Pyeongyang	in EE with cmtry after nx at 1200, good.	<u>CC</u>
9445	2107	CANADA	RCI Sackville	good in EE. <u>JMn</u> . 2148 DX prgm. <u>JF</u> 2050 FF. <u>HGJ</u>	<u>CC</u>
9495	0530	ISRAEL	Jerusalem	with Home Service in Hebrew, fair 14/1.	<u>JM</u>
9500+	0630	ALBANIA	Tirana	EE fair. <u>RS</u> . USSR Peace & Progress 1043 in EE.	<u>DW</u>
9520	0915	UNITED STATES	KGEI San Francisco,	fair reception.	<u>DD</u>
9530	1630	SPAIN	RNE	with repeat of 0530 Ukrainian prgm. 1700 Slovak. Good	<u>CC</u>
9530	0506	UNITED NATIONS	UN via Greenville.	Nx in many langs to Africa.	<u>PO</u>
9550+	0700	TANZANIA	Dar es Salaam	s/on in Swahili. Hrd past 0800. Padula	<u>ADNX</u>
9555	2155	SAUDI ARABIA	Riyadh	fair with talks in Arabic Service.	<u>JM</u>
9565	0508	CHILE	Voz de Chile	now here. Good but muffled. SS till off 0520	<u>BC</u>
9570	0513	QATAR	Doha	light mx & AA nx 0530. <u>JRM</u> VOA Greenville from 0530	<u>JD</u>
9575	0450	YEMEN	ARAB REP. Sana	fair in AA most days. <u>SG</u> . 0505 talks, mx.	<u>AR</u>
9600	1214	UZBEK	SSR Tashkent	good with EE commentary. <u>FE</u> 1200 strong.	<u>RS</u>
9605	0500	SAUDI ARABIA	Riyadh	in AA Exc. <u>JW</u> 0600 Id & Nx in AA, good.	<u>DW</u>
9612m	0429	ETHIOPIA	Radio Ethiopia	s/on. Fair around 0530. EE lang lesson noted 0600 Sat. <u>SG</u> 0430 very good in Amharic.	<u>JW</u>
9615	2000	AUSTRIA	Vienna	with DX Session in EE, Sundays.	<u>AC</u>
9615	2210	VATICAN STATE	Vatican Radio	EE rlg nx, good. 11705 in //fair. <u>JMn</u> . 9645 has Holy Rosary 2000, good. EE annots	<u>AH AM</u>
9625+	2241	AUSTRALIA	RA Shepparton	good in Indonesian, with pop mx.	<u>HGJ</u>
9660	1900	WEST GERMANY	Radio Liberty	RR Nx, jammed. <u>FR</u> . 7180 under VOA 1930.	<u>CC</u>
9660	2225	AUSTRALIA	VLQ9 Brisbane	Editorial Opinion. <u>CC</u> Hospital Hr. <u>CS</u> / <u>JW</u>	<u>FE</u>
9675	0637	POLAND	Warsaw	vg with EE Cmtry, Polish panorama. //7270 Exc.	<u>AC</u>
9685	0700	GREAT BRITAIN	CBC	relayed by Daventry, beamed to Africa.	<u>AC</u>
9690	1930	UNITED STATES	WYFR Scituate	//11805. "Radio Reading Circle" fair	<u>JD</u>
9715	1800	KUWAIT	Radio Kuwait	exc with EE pops. <u>AR</u> 1900 World Requests in EE, Friday. <u>DaM</u> . 1905 Exc in EE. <u>IW</u> . 1845 fair signal in EE.	<u>RS+</u>
9728+	0940	BURMA	Rangoon	hrd with Burmese songs to 1000. Padula	<u>ADNX</u>
9750m	1933	IRAQ	Baghdad	here ex 9745 in EE. Tuned out 2005. No sign Tanz.	<u>BC</u>



FILE TIME COUNTRY STATION PROGRAMME & RECEPTION DETAILS INTLS

9750	9750	CHILE Radio Soc. Nac. de Minería	vg in SS. Nk 1000, 20/1.	IM
9770	9915	AUSTRIA ORF Vienna	poor in EE to the Far East.	FE
9750	9915	GREAT BRITAIN BBC	London with nx in FF, fair.	JF
10110	0625	CIANESTINE (ROMANIA)	Radio Espana Independiente exc with id	JF
11695	1132	CHINA Radio Peking	vg in FF fill s/ofr 1156.	GH
11700	2005	DOMINICAN REP.	Radio Clarin. Sports, slogans, relay RHPD.	ADPN
11725	0350	CUBA Radio Havana	fair with mx & talk in EE.	JMN
11740	1656	SEYDHELLES REB	good in Farst. EE ident at 1700.	LR
11775	0945	SWITZERLAND REB	cross radio good until AIR S/on 1000. 15305	FR
11775	2130	UNITED STATES WJNB	with EE rlg. 9.51. d in 23 days. AH. 2040 good	Hd+
11780	1927	BRAZIL Radio Nacional de Brasilia	back here. Very good in FF, GG. EE at 2100.	JF
11795	2325	WEST GERMANY DW	Cologne good with mx and talk in SS.	JMN
11800	1900	SRI LANKA Colombo	with EE tx to UK. AC. Rapid fade out. JS. 1926. IM	RS+
11800	0600	ETHIOPIA EITF	adds ababa in EE. AH. 0530 Nk and hymns, poor.	AC
11805	1758	BELGIUM Brussels	interval sig. 1800 opens to Africa.	AC
11805	0758	SPANISH SAHARA EI	Aiatun s/on with int. sig, ident & prgm summ-	

GOBIERNO GENERAL DE SAHARA



Transmitte Radio Sahara, Emisores EAJ202 y 203. Radio Sahara emite en onda media desde EI Aiatun en 656kHz, equivalentes a 457,5 metros, y desde Vila Cisneros en 998kHz equivalentes a 300,6 metros. Followed by date of broadcast and programme summary thru to 2400GMT. SS pricing resumes at 1100. NR

Secretaria General  
RADIO SAHARA  
AIUN

11820	2015	ASCENSION IS. BRC	Atlantic Relay, fair with "Business & Industry" in EE. RS	
11825	0830	HOLLAND RN	"Happy Station" live on Sundays. Different to Bonaire prgm. JM	
11825	0200	TAIWAN Voice of Free China	in EE fair-good. 15370 & 17890 log-Red in // CC. 0312 poor. JMN. 1000 fair-good in Indonesian. JM	JM
11825	1937	KUWAIT Radio Kuwait	good with "Letter Box".	FR
11830	1945	ETHIOPIA EITF	Nx fair. FR. id in EE, then nx, good.	JD
11835	1000	SRI LANKA Colombo	with EE religious prgm fair-good.	JM
11855	0830	CZECHOSLOVAKIA Prague	in EE to Aust/NZ, good. CC. 0850 EE fair DM+	JM
11865	0830	AUSTRIA Vienna	new freq to Aust/NZ ex 21675. EE poor 21/1.	JM
11875	1820	CANADA or MALTA? RCI	Montreal fair in EE. CS. 1850 EE to Atlantic	CC
11875	1800	PORTUGAL Lisbon	in EE with nx to UK and Europe, good level.	CC
11895	0630	ECUADOR HCB	quito fair-good EE. HW. 11830 in RR fair 0234.	HM
11900	2000	NEW ZEALAND NZBC	External Division new freq, ex 17770.	AC
11910	0415	HUNGARY Budapest	fair with news in EE.	JF
11915	2130	LIBERIA VOA	Monrovia good with EE ident, then Hungarian.	AR
11920	1000	SPAIN RNE	operating in SS fair. ST. 11925 at 0200 good in EE.	AR
11925	1900	SOUTH KOREA KBS	Seoul fair in EE with s/on and news.	AR
11935	0715	SOUTH AFRICA Springbok	Radio with hospital request session.	AC
11940	1810	KUWAIT Radio Kuwait	fair in EE to Europe. New freq ex 15415.	JM
11940	1700	FRANCE Radio France	new "Paris Calling Africa" to 1800, poor.	JM
11955	1830	MALGASY REP	Nederland, Palata Relay poor in AA to Nth Africa etc. AR. Poor s/on in AA. 451 in 3 weeks.	BC
12025	0500	ISRAEL IBA	EE Nk good. JE. Jerusalem good in EE. Telegraphy RMDL	DM
15084	0413	IRAN Radio Iran	with prgm of AA vocals. Ident 0415.	DM

STATION PROGRAMME & RECEPTION DETAILS

FREQ	TIME	COUNTRY
15110	0930	HOLLAND RN Lopik good with "Happy Station", Sun, GS 0935 good, FE
15115	1100	PAKISTAN Karachi with slow speed nx in EE. Fair-good.
15120	0535	ISRAEL Iba with RR prgm to 0600, but severe jamming.
15150+	0408	CHILE La Voz de Chile, Santiago nx & politics in RR and EE. HDJ
15155+	0810	SOUTH AFRICA Radio RSA fair in FF.
15165	0725	DENMARK Copenhagen s/on with EE ident, then Danish prgm. Poor. JS
15170	0400	FAHITI Papeete not as good as usual. D. 0634 good with pops. JM
15180+	0545	INDIA AIR Delhi with cricket commentary//15280, good. DW. 15280 with 0340 EE & Tahitian songs, poor. BS+ 0545 good with mx, talks. DW+
15190	1800	CONGO La Voix de la Revolution fair in FF with id, highlight mx BC
15195	1145	GREAT BRITAIN BBC Daventry poor-fair with Farm Nk, Wednesday
15195	2300	JAPAN NHK Tokyo good in EE//15105, 9585, GH, 2312 EE cmtry, fair GS
15200	0940	MALAYSIA BBC Tebrau fair with prgm summary & "My word".
15200	2340	PHILIPPINES VOA Foro/Manila in Thal. Nx 2355. Fair.
15220	0705	SYRIA Damascus very good in AA. Poor signal by 0800.
15220	2130	NETHERLANDS RN Bonaire good with DJ Nx. JE 2222 good Dutch. JS
15220	0512	SOUTH AFRICA Radio RSA, Johannesburg s/on in FF, good. Dam
15230	2340	PHILIPPINES VOA Foro/Manila in Thal. Nx 2355. Fair.
15245	0610	KUWAIT Radio Kuwait in EE "Kuwait Today", good. DW+ 0735 poor. GS
15245	0610	PORTUGAL Lisbon fair in PP to Sao Tome/Mozambique/Angola.
15245	0610	PHILIPPINES VOA Manila (250kw to USSR) with local ident, fair. GS
15280	0645	ROMANIA Bucharest new frequency in EE to Pacific.
15280	0431	JAPAN NHK Vietnamese Service with nx, poor.
15280	2245	AUSTRALIA WIM15 ABC Perth fair with news.
15305+	1226	BANGLADESH Radio Bangladesh good in EE from Dacca.
15320	0408	CHINA Radio Peking here in EE, but poor.
15320	1200	AUSTRIA Vienna in GG to Asia. Fair at s/on. JM, strong in GG.
15320	0645	ROMANIA Radio Bucharest fair in EE to Pacific.
15320	1335	PHILIPPINES FEBC good with nx. GS. 0130 EE nx, very good.
15320	1200	ROMANIA Bucharest in EE to Asia till 1225 //15240, good. JM
15320	0630	AUSTRIA ORF Vienna with GG mx prgm. 0652 ident.
15320	0300	TAIWAN Voice of Free China with lang lessons, nx, very poor. AM
15320	0800	MALAGASY REP. Radio Nederland in Indonesian to S.E. Asia, poor. AR
15320	0703	CZECHOSLOVAKIA Prague fair-good in EE at s/on, then nx. AR
15320	0910	FRANCE Radio France int sig. FF to Africa 0915//17810. Patr. JM

Many thanks to 30 contributors this month:

- AC Arthur Cusken
- CS Cecil Symmes
- IM Ian Wells
- DD Des Davey
- DL Dene Lynneberg
- DW Dick Whittington+
- GH Graeme Hammond
- HJ Hans de Jong+
- NR Nigel Robins
- AR Alan Robson
- SG Steven Greenger
- RS Ray Schenk+
- JM John Martin
- JM John Mainland
- LR Lindsay Robinson
- AM Andrew Mithell
- JD John Durham
- ST Stan Larking
- JM John Watson
- FR Paul Rowland
- PO Paul Ormandy
- Australian DX News.
- American SW Listeners Club.
- Union of
- Finnish DX Association.
- + Indicates overseas contributor.



Voice of Turkey's English Service is now scheduled:-  
2200-0115hrs GMT on 1180kHz, with a power of 250kw. Address for your reports: General Mudurlugu, Ankara, TURKEY.



On a recent trip to Haiti, Victor Jear of the National Radio Club visited LVA La Voix de la Revolution Duvalieriste and was told that important changes were going to take place, including the addition of SW. "4VB 5985 & 4VC 9485 have long been inactive.

Voix de la Revolution Duvalieriste  
P.O. Box 1143  
Port-au-Prince, Haiti

The reception of Bahara will mean a new country to many readers, as the signal is particularly good and the station is easily recognised from its interval signal followed by Spanish and Arabic broadcasts. The external service of the NZBC will revert to GMT operation on February 23 when New Zealand returns to standard time - although belated efforts are being made in official circles to have the period of daylight saving extended. With the reversion to standard time New Zealand listeners will hear all their shortwave programmes again at the 'old' time.

All times are GMT - add 13 hours for N.Z. Summer Time. Frequencies kHz

**AUSTRIA** Vienna has a new frequency of 9615 which is heard well on Sundays with a DX session in English from 2000-2015.

**BELGIUM** Brussels is heard on 11805 opening at 1758 with interval signals to Africa. The signal later suffers from GRN from WYFR. The schedule is 1800-2200 on 9550 9725 11805 11930.

**BRAZIL** Radio Nacional Brazilia is now back on 11780 with its European Service, Portuguese at 1900, German 2000 and English at 2100.

**ISRAEL** A new transmission in Russian has been heard 0535-0600 on Sundays on 15130. The signal suffers from severe jamming and was mixed with Radio Australia on the frequency during the cricket tests. English news is broadcast 0500-0515 from Israel on new frequencies of 5900 and 9815, in addition to 6000 7125 7395 9009 9625 and 12025.

**NEW ZEALAND** On January 12 Radio New Zealand dropped the use of 17770 to Australia and replaced it with 11900 from 2000-2230. 15280 will be used from 2245-0545 from February 23 when we return to standard time.

**PHILIPPINES** The VOA is testing on 9550 and 9615 from 0930-1000.

**SAHARA** Radio Sahara has been heard since late December on 11805 opening with an interval signal and Spanish announcement at 0800, followed by popular music and Arabic programmes from 0805.

**SEYCHELLES** RFA on 11855 has been heard closing at 1900, mixed with Saudi Arabia in English on the same frequency.

**SOUTH AFRICA** Springbok Radio is being heard with English commercial programmes on 11935, with a hospital session from 0715-0730.

**SRI LANKA** Colombo has been heard since January 1 with English programmes to Europe and UK on 11800 from 1900-2000. The programme is also carried on 9720 and 15120 with news at 1915.

**SWEDEN** From May, Radio Sweden will use 11790 in place of 11705 in its transmission to Australia and New Zealand from 0230-0500.

**U.S.A.** VOA Greenville has been heard on the RT-band channel of 10230 with the breakfast show at 0730. 9650 is now replacing 9670 for the breakfast show from Greenville up to 0730.

KGEL San Francisco, as from 2 March, will operate as follows:

Language Power Kw GMT

15175	1430-2130	50	Spanish
15280	2130-0300	50	Spanish
9615	0300-1000	50	Spanish
6000	1000-1230	50	Spanish
9615	1230-1430	50	Spanish
11535	2130-0330	250	Portuguese
9520	0330-0700	250	Spanish
11955	0700-0900	250	English
5980	0900-1100	250	Russian
5980	1100-1200	250	Japanese
9520	1200-1400	250	Mandarin
9520	1400-1500	250	English
9520	1500-1700	250	Mandarin

# ..sign off..

**ZAMBIA.** Current schedule of ZBS Lusaka in the External Service- Mon-Sat at 1545-2130 on 4950 & 9580kHz and 1715-2130 on 6165 & 6060kHz. On Sundays at 0545-0715 on 11880, 0545-0745 on 9580 & 7235, 1045-1145 on 9580, 1045-1245 on 17895 & 11880, 1645-2030 on 9580 & 4950, 1715-2030 on 6165 & 6060kHz.  
JSWC.

**RADIO FINLAND** currently has one 100kw, two 75kw and 1 small 1kw transmitter at the Fori shortwave station. Also a 15kw transmitter relays the full home service on 6120kHz. There are dipole circuit antennas on 19 and 31 metres beamed to North and South America and to Europe, and an antenna on 25 metres beamed to Mediterranean areas. A new 250kw transmitter with full shortwave coverage will be put into operation within 2 years. There will also be a rotatable wide-band antenna covering all bands. However, the long term goal is to build a completely new SW station in Southern Finland.

## market square

**FOR SALE:** Sony CRF-160, excellent condition, less than 2 years old. Double conversion portable with nine bands of 600kHz plus LW, MW, FM and low SW. New price \$534. Selling for \$400 or near offer. Write to Lance Andrewes, 83 Cannington Rd, Dunedin.

**FOR SALE:** Trio 9R-59 communications receiver, 9 tubes, 530kHz-30MHz, in good condition. Price \$100 or near offer. Write Dene Lynneberg, 8A John Street, Titahi Bay or phone Titahi Bay 8737(home) or Wellington 768709(work), person-to-person.

**WANTED TO BUY:** 100kHz crystal calibrator in good working order. Send details to Paul Edwards, 25 Donald Street, Karori, Wellington. Tel. 766364.

**FOR SALE:** Grundig Satellit 205 with 7 bands and 6 SW bands spread bands. Complete with mains unit, travelling case and circuit diagrams. Very good condition \$175. Write to B.B.Marsh, 20 Rimu Rd, Mangere Bridge, Auckland.

**FOR SALE:** Trio 9R59DS communications receiver. For details write to:- C. Douglas, 7 Puniu Rd, Te Awamutu.

## NEW ZEALAND RADIO DX LEAGUE

### ADMINISTRATIVE OFFICE.

P.O.Box 1373, Invercargill.

All enquiries re membership, policy matters, stationery requirements, subscriptions and competition awards should be addressed to Invercargill.

### EDITORIAL OFFICE.

P.O.Box 2956, Wellington.

Only queries relating to content and distribution of the Times should be addressed to Wellington.

Closing date for contributions:-

First Wednesday of the month.

Advertising:- 50 cents up to 30 words. Other rates on request.

ANNUAL SUBSCRIPTION:- NZ\$4.00

Joining fee surcharge NZ\$1.00 for new members only. Rates to overseas supplied on request to Invercargill.

**RADIO GHANA's** present schedule for the external service in English is- 2000-2100 to Nth America & Caribbean on 11850, 2045-2215 on 9545 to Europe, 1445-1530 on 15285 to Central & South Africa, and 21545 to Australia, 1400-2215 to West Africa on 6130, & for East Africa 1400-1430 on 15285, 1445-1530 on 21720, 1645-1730 on 15285 and 1815-1900 on 15285. All transmissions are 250kw except 9545, 6130 & 21545 which are 100kw. BC

**SRI LANKA** Broadcasting Corporation's new European Service at 1900-2000 GMT on 9720, 11800 and 15120kHz has the following address for reports and music requests - European Service, SLBC English Services, P.O.Box 1510, Colombo, Sri Lanka. SCDX.

**ISRAEL** now has a new 300kw transmitter in operation and, since 1 Jan., English broadcasts have been sked:- 0500-0515 on 5900, 6000, 7125, 7395, 9009, 9625, 9815 and 12035kHz. From 1130-1200 on 9009, 15100, 15240, 17690 and 21590kHz. The 15240kHz is beamed to Australia and S.E.Asia and reports from this area are especially welcome. Finally at 2000-2055 on 5900, 7395, 9009, 9525, 9630, 9815, 11643, 12025 and 17690kHz. SCDX.

### TWO DATES TO REMEMBER:-

23 FEBRUARY - NZ RETURNS TO GMT+12

26 FEBRUARY - SPECIAL EARLIER

CLOSING DATE FOR MARCH "TIMES"