

MONITOR

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THE INTERNATIONAL RADIO CLUB OF AMERICA

VOLUME THREE, NUMBER EIGHT ENGLEWOOD, COLORADO NOVEMBER 20, 1965

DX SPECIALS

Nov. 29	KHUB	1340 kc.	Fremont, Nebraska	500/250w.	0300-0400	NRC
Dec. 5	WTCA	1050	Plymouth, Indiana	250w.	0300-0330	TEST
20	KYME	740	Boise, Idaho	500w.	0330-0400	TEST
27	WIGS	1230	Gouverneur, New York	250w.	0300-0330	NRC
Jan. 3	WNXT	1260	Portsmouth, Ohio	5kw/1kw	0200-0230	NRC

TOP TEN...DOMESTIC CONTEST

SP-DX-PFS

1.	Jeff Kadet, Bethesda, Md.	NRC	20- 0-50
2.	Larry Lehmer, Council Bluffs, Ia.	NRC-IRCA	15- 3-42
3.	Bruce Reynolds, Warrensburg, Mo.	NRC	22- 0-37
4.	Ken Butterfield, Plymouth, Mich.	NRC	19- 0-31
5.	Ron Coleman, San Diego, Calif.	IRCA	16- 0-31
6.	Jim Morey, Cleveland, Ohio	IRCA	12- 0-24
7.	Walt Breville, St. Louis, Mo.	NRC	16- 0-22
8.	Fred Nordquist, Tulsa, Okla.	NRC	8- 0-20
9.	Steve Weinstein, Pittsburgh, Pa.	NRC	10- 1-19
10.	Bill Nittler, Englewood, Colo.	IRCA	8- 1-17

NEW MEMBER

457. Jeff Kadet, 8047 Park Overlook Drive, Bethesda, Md. 20034
Renewals: Jim Foley, Milwaukee, Wisc. R.A. Karchvski, Wakefield, Mass.

NEW EDITORS

Effective immediately, send your reports to the following editors:
East Coast Forum: Steve Russell, 8914 Mohawk Lane, Bethesda, Md. 20034
West Coast Forum: (all states but California) (West of Mississippi)
Larry Snouffer, Box 98, Perkins Hall, Ohio U.
Athens, Ohio 45701

California: Gray Scrimgeour, 1105 Virginia, La Jolla, California
DXWW: Ed Krejny, 6538 Belmeadow Drive, Middleburg Heights, Ohio
DTI: Dave Johnson 949 Veta, Pueblo, Colo. (No column again this week)

IRCA STATIONERY

The red, white, and blue stationery of the IRCA is once again available to our members. Cost is \$1.30 per hundred sheets. Dress up your correspondence and reception reports. Order today from HQ: Box 112, Englewood, Colorado.

FCC GRANTS NEW STATIONS

Dumas, Ark. 1560 kc. 500w D Friona, Texas 1070 kc. 250 w. D
Piedmont, Mo. 1140 kc. 250 w D Memphis, Texas 1130 kc. 1kw DA
Oconto, Wisc. 1260 kc. 1kw. D
WXVW-1450 granted increased daytime power to 1kw.
KRIB-1490 " " " " " "
KTLO-1490 granted change to 1240 kc. and day power increase to 1kw.
KSEY-1230 kc. granted increase of daytime power to 1kw.
KCIK-1530 incr. to 5kw. WMNC-1430 from D to U-5/1 DA-N
KGIW-1450 granted daytime increase to 1kw.

Glen Kippel - 73-358 Highway 111 - Palm Desert, California, 92260.

Well, after being treated for a mild case of nerves, my doctor says, "What you need is a hobby!!" So here I am reporting in again. And what's more, I took a nice 2½-hour log on Belize-834.1 on 11/10 until 2237 s/off. Apparently they are no longer "British Honduras" as they announce "The Voice of the American Nation of Belize, Central America." I just got some RG-8U and made up a shielded loop, not for any directional effect (even though it is directional) but to cut through all the electrical interference at my location. Construction of a coaxial loop is incredibly simple, and it takes about 5 minutes. Just about any kind of shielded cable will do, RG-17 probably would be best, but it's expensive. Anyway, get about 20 or 25 feet of it. Remove the insulation at one end (a razor blade works well) then pull the shield braid back, clip it off and tape around it so it won't short out anything. Remove the inner dielectric to expose about ½" of the inner conductor. Count back about 12 feet and with the razor blade, cut a hole in the outer insulation so that the shield braid is exposed. Solder the end of the inner conductor to the shield at this point, making sure that you don't use too much heat and melt the dielectric. Next strip the other end, connect the inner conductor to your receiver antenna terminal, shield to ground. Drape the loop over a door or window, build a wooden framework, slip it inside an old hula-hoop or something, and you're in business. It will work best into a low-impedance antenna output. Mine works fairly well. This AM, 11/11 got Pyongyang-656 at 0800 with time pips. Will try to develop a matching device so it can be used with high-impedance inputs. **HEY, LOOP PEOPLE!** Don't leave your loop perpendicular all the time. Did you know that tilting a loop alters its directional characteristic? I've found that the null deepens in the direction to which the loop is tilted, while it broadens to the other side. Also, since the null exists in a vertical plane as well as the horizontal, it is sometimes possible to separate two stations which lie in approximately the same direction. Due to variations in the reflected signal path, it is not possible to hold them for long, however. Oh, all the trade magazines had blurbs on the new 500-kw medium wave transmitter to be delivered to Enugu, Eastern Nigeria, along with three 840-foot towers. Will try to remember to write to the transmitter manufacturer for frequency and delivery date. This one should be audible in the U.S. if the frequency is right. 73

Arne Henden - 1565 S. Esperanza - Las Cruces, New Mexico.

Hi. 5 months since I last reported; a reintroduction is in order. I am 15, an avid DXer (when I get the time, hi), and have been in the hobby for a little over a year. Equipment is a S-38D rx with a 10' longwire (?) hooked right now. I moved here from Roswell during the summer, and haven't had the time to really get my setup going. On 11/4, WBZ in at 1850 (beautiful signal for so early in the evening). XEFV, 1000 at 1852. New verie - WTIX. The SS stations really boom in here; will devote more time to these next week. Some info on the El Paso, Texas stations...KHIP will NOT verify ANY report from the U.S. KROD is glad to verify; KELP and KINT will if a SASE is included. All stations in El Paso have v/i ideas. A tip for you fellows without much room for an antenna... try making it in a round shape instead of the conventional style--saves room. Another idea: my old one of putting up a vertical using a kite, hot-air balloon, or a helium balloon. See you next week. (Arne - your report was very neat. Please, everyone, type or write neatly. kgs).

John H. Oldfield - 11623 84 Street - Edmonton, Alberta - Canada.

10/18-AN DX session at Dave Lopetinsky's brought some new ones (see separate column; kgs). 10/19-Radio Americas, 1155 0515; ZBMI, 1235 Bermuda 0600 with hurricane reports, for country #26. 10/19 rare ones heard; WNOE, WBT, WRVA, WCKY, WQXR all over \$5. V/q-KMIII, WCBS, WIRE, CHSM, CFGR, CJMS; v/i- CFUN, KRWB, WKBH, CFGT FF, for 366/919 & a "big" 11 contest points. Ron Schatz: CFGP, 1050 currently runs NSP w/CBC AN mx 0300-0800, 0400 on weekends. Top 40 played until "s/off"; on MM CFGP either tests w/mx or TT. Unlike CBC stations, CFGP has been noted here as having NO ID following CBC ID and the station is usually unmanned. CJNB/CKSB FF 1050 do not carry CBC AN. Application for 2 (dual) stations at Rosetown & Kindersley, Sask: One of two bidders is CJDV, 910 who want 51% ownership. Questions: Is CJGX, 940 using 50 kw U3 yet? Where is CHTK, 560? Re 10/23 WCOX Forum, I wrote 11 "DXers" who sent these reports. The one reply I got "...heard your CHED-1080 last weekend..." (our CHED switched to 630 May 13/63) so I would say it isn't worth trying to get these "DXers" to repent. 73. (Neatly done, John. kgs).

Ron Schatz, Box 5308, South, Univ. of Fla., Gainesville, Fla. 32603

Greetings! Long time - no rpt to Forum, thanks to hard studies, but I have to speak out-mostly about DX subjects, hi. Domestic DX here has been ignored for the most part. KFI-640 was hrd here for the first time in years, and for several evenings in a row at that! CMQ is a real pain here as many of you know. The easiest Californian to log from the East at present is KPMC-1560; try for their hillbilly programming any morning before 0230. KFBK-1530 can also be hrd any MM if you can't manage KFMC. Local WRUF skeds 0530 to about 0010 (s/off varies) weekdays, later s/off weekends. To this week's DXWW, I have submitted some alien DX and a tretise on R. Americas' location, the first part of the latter anyway. The Portuguese report form that everyone keeps asking me about is presently being duplicated in quantity for the BoD's observation and vote. Look for it within a few weeks. WPE calls? Mine is WPE4EVF. It's useful for reporting to Pop'tronics magazine, as it gives your tips a better chance of getting into print, but for nothing else. Any other use of the "callsigns", such as card swapping or "announcing" them at every opportunity in the Forum or else where, is no better than playing cowboys and Indians with cap pistols. Having passed my childhood some time ago, you'll never find me playing "radio station" with my WPE "calls"! I will propose to the BoD that they be banned from mention in the bulletin. Finally in the news, there will be a DX'ers get-together, possibly including a banquet and visits to local stations, to be held in Miami during the Xmas weekend. All IRCA and NRC members are invited, and we already have several takers. If you plan to come, pse write to me, so we can make preparations, OK? I note that the number of "good" DXers in the IRCA has increased tremendously since I made that statement in the August issue about our club's having only 6 or 7 "good" DXers who report regularly to DX MONITOR, which was what I meant in the first place. Of course, no really good DXer in the club has criticised the statement, but the poor ones revealed themselves plainly, hi. That's always the case. Enough for this week. 73's and be sure to be in Miami this Christmas for the big tropical get-together!

T.A. Mulvaney III, 1768 Coventry Ave. NE, Warren OHIO 44483

(This is a continuation of a list sent in byt T.A.M.-the first part was last week. These are BCB stns that were on in 1945-pb) OHIO- WADC-1350 Akron 5kw, WAKR-1590 Akron 5kw, WBNS-1460 Col. 5000d, 1000n, WCKY-1530 Cinn. 50kw, WCOL-1230 Col. 250, WCPO-1230 Cinn. 250, WFIN-1330 Findlay 1000d, WFMJ-1450 Youngstn. 250, WGAR-1220 Cleve. 5kw, WHBC-1480 Canton 1kw, WHIO-1290 Dayton 5kw, WHIZ-1240 Zanesville 250, WHK-1420 Cleve. 5kw, WHKC-610Col. 1kw, WHKK-640 Akron 1000d L-1000n, WICA-970 Ashtabula 1000d, WING-1410 Dayton 5kw, WIZE-1340 Springfield 250, WJW-850 Cleve. 5kw, WKBN-570 Youngstn. 5kw. WKRC-550 Cinn. 5000d, 1000n, WLOK-1240 Lima 250, WLW-700 Cinn. 50kw, WMAN-1400 Mansfield 250, WMOH-1450 Hamilton 250, WMRN-1490 Marion 250, WOSU-820 Col. 5000d, L-1000n, WPAY-1400 Ptsmth. 250, WPRN-1400 Warren 250, WSAI-1360 Cinn. 5kw, WSPD-1370 Toledo 5kw, WSTV-1340 Stbntville 250, WTAM-1100 Cleve. 50kw, WTOL-1230 Toledo 250. Const. Permits:-1400 Marietta 250,-1340 Marietta 250. WEST VIRGINIA- WBLK-1400 Clrksbg. 250, WETH-1400 Wil,msn 250, WCHS-580Ch'rston 5kw, WGV-1490 Ch'rston 100, WHIS-1440 Blue'flm 1000d, 500n, WJLS-560 Beckley 250d-100n, WKWK-1400 Wheeling 250, WMMN-920 Fairmont 5kw, WMON-1400 Montg'ry ???, WPAR-1450 Parkersbg. 250, WSAZ-930 Hunt'gtn 1kw, WWVA-1170 Wheeling 50kw. ARIZONA- KGLU-1450 Safford 250, KOY-550 Phoenix-1kw, KPHO-1230 Phoenix 250, KTAR-620 Phoenix 5kw, KSUN-1230 Lowell 250, KTUC-1400 Tucson 250, KVOA-1290, Tucson 1kw, KWJB-1240 Globe 250, KYCA-1490 Prsctt. 250, KYUM-1240 Yuma 250. ALASKA- KFAR-610 Fairbks. 5kw, KFQD-790 Anchorage 1kw, KTKN-930 Ketchikan 1kw. HAWAII- KGMB-590 Hono. 5kw, KGU-760 Hono. 2500d-L-2500n, KHBC-1230 Hilo 250, #KHON-1400 Hono. 250, KTOH-1490 Lihue 250. NEVADA-#KBNE-1450 Boulder Cy. 250, KENO-1400 L. Vegas 250, KOH-630 Reno 1kw, Const. Permits:-1230 Ely 250, NEW JERSEY- WAAT_970 Newark 1kw, WAWZ-1380 Zarepath 5000d-1000n, WEBW-1490 Atlantic Cy. 250, WCAM-1310 Camden 500, WCAP-1310 Asbury Pk. 500, WFFG-1450 Atlantic Cy. 250, WHBI-1280 Newark 2500d-1000n, WHOM-1480 Jersey Cy. 1000d-500n, WPAT-930 Patterson 1kw-d, WSNJ-1240 Bridgeton 250, WTNJ-1310 Trenton 500, WTTM920 Trenton 1kw. DELWARE- WDEL-1150 5kw & WILM-1450 250-both Wilmington. #-Under construction.

Bill Woodfield, 7633 Gloudestar Ave., Norfolk, Virginia 23505

Hi Gang, still nothing new hrd here, but have been hearing the stronger TAs what few times I've tried for them. Finally got a verie from CMCA for country #11, and a pp from WNNT for the only new veries in the last month or so. 73.
 NOW THAT DX HAS STARTED TO PICK UP FOR THE SEASON AND EVERYONE IS REPORTING MORE OFTEN, BE SURE TO KEEP YOUR REPORTS RESTRICTED TO DX AND RELATED SUBJECTS-AND REMEMBER THAT RELATED SUBJECTS DOES NOT INCLUDE WPE "calls" or SC's. AND PLEASE REMEMBER TO DOUBLE SPACE.

Walt Snyder 801 E. Seneca St., Ithaca, N.Y.

Here's a rundown of two nights of roaming ovdr the dials with no details on any one stn. and no rpts sent. 10/20 2400-0200:675-YND Nicaragua S-4, 872-AFN-Frankfort GFR S-2, 962-??? (maybe Finland or Tunesia), 675-prob. Costa Rica, 1106-GFR Munich, 1125 ???, 1157-CMEM 10/S-9, 1165-Swan Is. S-6, 1195-VOA Munich S-4, 1205-Bordeaus Fr. 10/S-9, 1214-G.B. S-9, 1235 Bermuda S-9, 1252-???, 1295 BBC in German 10/S-9, 1322-Leipsig GDR S-6, 1376-Lille Fr., 1385 ???, 1403 ???, 1457 ???, 1466-Monte Carlo S-9 very clear, 1475-porb. Wien Austria with bells then mx, 1485-???, 1555-???, 1585-GFR? w/mx, also 602-Lyon Fr. at S-7 and fluctuation, and finally 584-believed Wien II Aus. w/mx. 10/22 2400-0200: 655-YSS El Salva. S-4, 647-Daventry GB, 625-Costa Rica S-6, 875-TISS Costa Rica S-6, 908-believed Brookman's Park GB, 953-Prague S-6, 965-Panama, 1005 Ecuador S-8, 1015-El Salva. S-7, 1025-???, 1106-Munich S-5, 1115-???, 1156-CMEM S-9, 1196-VOA GFR very clear at S-9, ID'd at 2400 "You are listening to the V-O-America from Munich", 1205-Bordeaux Fr. very clear S-7, 1214-believed GB with mx very clear at S-5, 1235-Bermuda S-7 mx at 2410, 1367 possib. Italy w/mx at S-5, 1465-Ecuador S-7, 1295-BBC S-9 w/Gr. bcstg. at 0010 and prog. in EE on Vietnam at 0055. Also SS on 1225, 836-Nanch Fr. very clear, 928-Costa Rica S-5, 935 ??? drums at 0015, 945-France? w/singing S-6. 728-GFR S-7, 683-SS w/EErr, 854-Gr. prob. Bucharest S-6, 925 ??? mx very cl., 935 singing ???, 944-Toulouse Fr. S-6, 1035???, 1043-GDR Dresden w/mx, 985-??? singing S-3, 836-Nancy I, Fr. very clear at S-7, 775 possib. HRNQ w/singing, 678 Peter Paul & Mary on RIAS GFR very clear S-6, 1376 Lille Fr. strong S-9, 1457 GB w/strong S-9 talk on farming-new devel in seed 2450 1466-Monaco mx at S-9, 1475-Wien Austria S-8, 1448-???, 1403-???, 1124-TA possib. USSR, 683-RNE Sp. S-8, 692 GDR-GDR S-5, 735-Spain RNE S-6, 746 Possib. on Holland, 818-Poland S-7, 863 Paris I Fr. S-8, and finally 926-Brussels at S-9. TAs have weakened since, and presently are hard to come by. IAs have been strong at times. Best of DX to all. (Walt, why not report your foreign DX to DXWW-I'm sure Ed would love to have you with all this fine DX-hi. pb)

Authur Zimmerman, 275 Newbury St., Boston, Mass. 02116

CJCH is first verie in 2 wks. with over 100 rpts unanswered, (many with return postage included), you'd think I'd here from at least one per day. (For best results, Authur, return postage should be sent with ALL reports-pb) Homework & no RX prevent me from DXing up here, but I have a few proposals which I believe might make for more successful conventions. First I would suggest regional or semi-regional conventions resulting in 2 (or more) conventions per year. This would include dividing the US & Canada into 4 (or 6) main regions: NE, NW, SE, & SW; and possibly N-Central and S-Central for the 5th and 6th regions. If 2 conventions were to be held each year, one might be in August (as is the time of the present convention), and the other in December (Xmas or New Years) or April (Easter), or they might be held simultaneously, sharing the expenses of a phone call, or keeping in contact by SW using a member's ham equipment. I would also suggest that the selection of the convention sights be left to all IRCA members, and not only those attending the convention; as it is not only the members who attend one convention that will attend the one in the year following. I would greatly appreciate comments and suggestions on the proposals from all IRCAers. Meanwhile: 73 to all.

Lawson Allez, 6 Kidd Ave., Grimsby, Ontario

I will start with the DX as it has been a while since I made the deadline: 10/22: KAAY-1090 1858, WNBF-1290 2152, 10/24 WDOK-1260 2351, CJGX-940 0030, CJCA-930 0100, WTPG-1290 2138, KFYR-550 2312, 10/26 CHNS-960 0107, WWSW-970 0130, WJRZ-970 0154, WCHB-1440 0347, WRDW-1480 0307, WCIS-1580 0408, WMBR-1460 0433, CBH-860 0505, WJTC-730 0524, WINZ-1600 0545, KOMA-1520 2313, KVOC-1170 2347, 10/27 WOSU-820 1800, 11/19 CJRL-1220 0005, CKCK-620 0330, WFGM-960 1600, WTHM-1530 1630, 10/24 WKLO-1080 0029, 10/27 WVHB-1000 1600, Those underlined have sent veries, plus the following: CFAM-1290 (after 6 mos), CJMS-1280 (after 11½ mos), R. Americas-1160, WORK-1350, XEWA-540, RNE-683, ZEM-1-1235, I have been spending most of my time monitoring foreign stns (see DXWW). Does anyone know if WINK verifies? I've sent several reports with no answers. I'm using 175' of aerial on my transistor radio with fabulous results. I received 10 states and 2 provinces at noon yesterday. My totals are now: sts. 38/36, Prov. 7/7, Count. 13/8, totals 376/301. By the way, on Sept. 27 I monitored XEJP at 0205. At the same time another SS was coming through with an equally strong signal. It was playing SS and RR in EE and ID as something like R. Nacional. Anybody know who? Bye for now and 73.

BE SURE AND SEND THOSE DX TIPS TO DOMESTIC TIP INDEX-YOU MIGHT HELP SOMEONE HEAR A STN."

(John) Navin, 1403 Wildwood, Chapel Hill, North Carolina

Welcome back to the wide wierd world! New address of WQXI-Atlanta, Ga. is 2970 Peachtree Rd. N.W. WJBK is going to be 50,000 daytime power someday in the coming months. They're in Detroit on 1500 kcs. WCBL-1290 Ky. is now 5kw, according to their CE. Is H. Modell a turtle??? (No, John, he is a sway-back tortoise-pb). 11-1: WFKN-1220 checked in w/DX test between 0347 and 0415. 11/8 much more exciting MM w/2 (count them) Californians in. First was KGBS-1020 at 0304 -0306 w/good signals until the Cuban beat it down into the QRM. At 0330 KNBR-680 IDed w/good loggable signals u/WMAQ's carrier. On 1200 I'm hearing a very strong SS time-every-minute stn. SEE DXWW for details. At 0340 I thought I hrd XEW on late, but it turned out to be CHML-900 apparently an AN'er. On 1480 at 0414 there's a wierdo case. An OC TT was hrd til 0416 at which time a shotgun-gong type of arrangement hit every 15 seconds. At 0417 Peggy Leo (i.e. mx) joined i in the fun until 0418. Then only a carrier until 0419 and after that dead air. WHO was it??? Also caught WRCH-910 s/on 0400-anybody needing another Connect. stn ought to watch for it. v/q: XEG, CFRB, WQOK, WBAP. v/l: KCMO, WGUN WORD, WCBL, WIPR. I won't be in Milwaukee in '66-I probably be in either England of Spain or maybe Kansas! 73 & good DX to everybody who hasn't written (i.e.-everybody).

Mike Shannon and Hugh Ducklow, 316(M.S.)-322(H.D.) South Court, Appleton, Wis.

Guess who's back! Us! We haven't done any DX for months. School and convention planning have taken all our time, including a trip by Mike to Milwaukee, where the first convention planning meeting was held at the Sheraton-Schroedor Hotel. The S-S has been tentatively selected as convention HQ for the early August convention. Veries in (to Mike) from KREX-920, & CJCH-920 for 8-2 rpts. The Nov. PE has WPE form and a provinces-verified contest-how about getting some IRCAers listed in their pages? We probably won't be doing much DX this winter because of school, convention planning, and otherwork for the club. We're anxious to meet you all at the great Milwaukee convention in '66! In the mean time, we kist might be able to catch up on correspondence--if not, we'll answer your letters in person in Milwaukee. Blatz, Schlitz, Pabst and Miller in Old Milwaukee in '66! 73 to all.

Jim Foley, 5121 N. Berkeley Blvd., Milwaukee, Wisconsin 53217

Hello everyone! My unknown FF-Canadian on 1050 turned out to be CKSB, St. Bonivace, Man. Tnx for the tip, J. Walsh. Lots of new DX: 11/1 WTTN-1580 1554; 11/3 WKYX-570 2020, WNAX-570 2029; 11/4 WWJ-950 2050; 11/6 WITY-980 0037, CKDM-730 0045, WPTF-680 0100 (signed/off 0105 w/SSB), KNBR-680 0100, SS-550 0115 (Who?, not XEWA)(Probably Cuban-real strong here every night-pb), KUSD-690 1755, R. Bolize-834 2026, KFH-1330 2125; 11/8 KAB-about 1610 kc/s 0331 (call in code K-A-B, Who?), KOB u/WABC-770 2027, and during power gailure in NE, WCAU relay of WCBS-1210 1950. Rpts out to: WTTN, WKYX, WNAX, WWJ, CKDM, WPTF, KNER, KUSD, KFH, WONE, WKBN & WCAU relay of WCBS. New veries: v/qCBF, WNBC, WTAD, WHBF, & WNAX (#1 f/S.D.). v/l-WIBV, KCMO, & WOW. Does WREN or WIRL verify? Lets have more rpts from the inactive members, OK? Be seeing you here in Milwaukee. Gud DX and 73.

Philip L. Sullivan, 94 11th, Troy, New York

Greetings to all IRCA members from a new member. I am 22, a senior in Electrical Eng. at RPI. Home QTH is near Cleveland, Ohio (Solon). RX is HQ-100C, and I have both a long-wire(about 50') and a loop (42" square) antenna. From here my totals run: Stns-243/14, sts-40/10, prov.-9/1, Count.-16/6. (seems I have time to hear them but not to get out a rpt!) I've been BCB DKing a little over a year (since 9/27/64) now and my best catches have been KORL-650, KENO-1460, R. Caroline N.-1520, and Cairo-773. KENO has been in here 0200-0300 last 2 MMs (11/1 & 11/8), KYSN-1460 hrd 0200-0230 11/8 with ET. 4VEH-1035 very strong here 11/5 @ 1900-1930. R. Barbados-785 quite strong most nights around 2200 w/BEC news. Does anybody know if ZEBI (780kc., Road Town, Br. Virgin Is.) has gotten on the air yet? I remember reading (probably POP'tronics)that such a stn was planned but I haven't hrd anything since. Good DXing everybody! 73.

Park Barton, P.O. Box 43, Troy, Alabama 36081

Greetings! Boy, do I feel like kicking myself! The night of the power failure in the NE, I sat around and watched TV until about 2300 and then went to bed and slept like a baby until 0630 next morning. About 0800 it finally hit me that where there is no electricity, there can be no radio stns. I'm sure that some of them had other power sources, but I imagine some of them were off the air. Anyway, what I want the kick for is that I feel that I could have hrd some new stns on the vacated freqs. Oh, well, maybe next!!! No new DX here-hope to hear some tomorrow morning-11/15. Veries in from-WFKN, WMRE, & KNWS. Totals here now stand at 1251/763, sts. 46/45, count. 29/23, prov. 8/8. Guess that's about it for another week. Hope to see you in MILWAUKEE IN '66. 73.

November 20, 1965

WEST COAST DX FORUM

Page

Jack Alexander, Jr. - 1639 W. Ball Road #3 - Anaheim, California, 927

Hi. Cards in from WCCO & WABC. Reports out to CKCK, KSJB, I just bought another rx, a Federal 1030-T. Covers BCB and 5.4 to 16 mc. New mike (Turner Xtl model 9XM) for recorder - it sure improved the recorder. WOLFGANG IS BACK (on XERF;kgs). I tapespond and I'll send the first tape - 33/4 ips rim. 73.

Lance Clayton Muller - 8895 Halsted - San Diego, California, 92123.

Ever since I joined IRCA, I have been dissatisfied with one thing. I believe the IRCA emblem is (1) quite uncomplementary in its color scheme (clashing red and blue); (2) too large for a letterhead, and (3) too complicated (the number of lines look like a large mass of scribbles). I suggest that the emblem be just one color, such as blue, to lower the cost of printing; and to harmonize the letterhead. The emblem should be reduced in size, and the background "world" should be eliminated. The stars can be kept or forgotten; as with the "International Radio Club," which is repetitious with "International Radio Club of America" on the IRCA stationary. The diamonds, IRCA, and the towers should be kept. (Emblem is official, Lance: chosen by vote of members in May, 1964;kgs). I just discovered that NSP means No Silent Period (thought it was Non-Stop programming). I think WPE's are okay. WHY? (1) Because they help to distinguish between the various DXers by a quick code number, rather than by full name and address. (2) Because it keeps my ego down (??,kgs??). (3) Because I'm not, and DO NOT want to be an amateur, and need a code reference number. (Lance-how about a Social Security #;kgs). (4) Because I'm going to be an "old timer and respected DXer" in probably 10 years, also. I'll be a 27 year old "old timer". I'm proud of my WPE call!!! 73's from WPE6FTT. (And PE is proud of you, Lance!). I'll say something nice about IRCA in my next report. LCM.

Ron Coleman - 5564 Mt. Aconia - San Diego 11, California.

DX seems better every day, or maybe I am in the right place at the right time. Thanks Larry Lehmer for your answer on the 3 or 4 letter call (Letterama). I was worrying about the Q in the context; now maybe KPQ. Veries: KSET (best Texas), KREX, and KDOV (best Colo.). Total now 395/151. The IRCA stationary is a great help - too bad it's out (some more soon; kgs). My verie returns have dropped almost 25% (80% to 55%). Remember to join the contests. Gray, how did you report to Radio Peking? Tape or letter? (Sent an air-letter; no use sending IRC, since China not in UPU;kgs). 73.

Ernie Wesolowski, 1416 Pasadena Ave., Omaha, Nebr.

The last new catch on my NC-183D was CBX-740 in Edmonton, Alta. logged u/ CBL Toronto at 0330 on 11/8 MM. Bob Karchevski bought it last week and it's on its way. Meanwhile, all I have to RX on is a 25 year old Zenith table model with AM & FM. Antenna is all hooked up for tomorrow's specials. Hope to hear KBRV-540 as I visited them last July. Only v/3. this week was from the WFKN test. Plans are almost completed for the big Thanksgiving get-together in Kansas City on 11/26/28. We'll be in the Ambassador Hotel beginning at 10 AM with registration until noon. The tour of Western Electric will begin at 1:30, lasting 2 1/2 hours, followed by the visit to Commercial Radio Monitoring Co. Slides shown that night. Sat. we will visit local KC stations all day long. That evening will be a banquet and a quiz. Come and see us. There'll be 10 DXers from 5 states. Can you make it??? Fill-up with Turkey on Thursday and with DX the next 3 days!!! See you in KC.

Bill Nittler, 4590 So. Julian St., Englewood, Colorado

Not much DX here due to lack of time and need of sleep. This Bulletin is going out late due to my not finding any spare time to get it out. Spent the weekend in Lamar at a State Jaycee conference. Haven't spent an evening at home in more than 2 weeks. Should be caught up again this weekend, though. Only DX was on 11/15 when KWLA-1530 was hrd on r/c. The best signals of the morning were from WPC-881 with an S-6 perfectly readable signal. Also BBC-1214 in fairly well at times. Reports going out to both of these. 11/16 evening (late) found Bordeaux-1205 with fair signal off and on but no report sent as they wouldn't stay in more than a minute at a time. Only verie in is a v/1 from Radio Barbados for reception of new freq. 785 kc. They now list a Channel 3 on TV so the island is progressing. None of the NRC dxes appeared to be on 11/22 but then conditions were bad and I wasn't too wide awake after driving 215 miles from Lamar. 73 'til Saturday.

WEST COAST DX ROUNDUP

Here's the latest batch of domestics reported to the WC DXF. Hope they help you.

- 540 kc KVIP Redding, Calif. At 1945 LSS s/off, 11/3 (LCM,Calif).
- 550 KOAC Corvallis, Ore. 0055 on 11/6 (RC, Calif).
- 560 KMDN Great Falls, Mont. 0610 on 11/7 (RC;Calif).
- WQAM Miami, Fla. 11/1 @ 0424 (DB;Colo).
- 570 WFAA Dallas, Tex. 0735 on 11/8 (RC;Calif).
- 580 KFXD Nampa, Id. 0700 on 11/8 (RC;Calif).
- WIBW Topeka, Kansas. 0550 on 11/8 (RC;Calif).
- KDAV Lubbock, Tex. 0635 on 11/8 (RC;Calif).
- 660 KOWH Omaha, Neb. At 0715 on 10/18 (JO;Alta).
- KFAR Fairbanks, Alaska. 0227-0247 on 10/11 (DB;Colo).
- 720 KUAI Kailua, Hawaii. u/WGN 0110-0205 on 11/13 (RL;Calif).
- 730 CKDM Dauphin, Man. u/CKLG at 0207 on 11/13 (RL;Calif).
- ???? UnID tester to my east; TT and c&w on 11/15 from 0305-0345 (KGS;Calif).
- 800 KINY Juneau, Alaska. 0120 on 11/13 (RL;Calif).
- CJLX Fort William, Ont. 0231 on 11/1 (DB;Colo).
- 900 CHML Hamilton, Ont. 10/11 at 0357 (DB;Colo).
- KPRB ???? 0312 on 11/4 (AH;N.M.).
- 910 KIXI Seattle, Wash. Heard at 0615 on 10/18 (JO;Alta).
- WFDF Flint, Mich. S/on at 0448 on 11/1 (DB;Colo).
- 920 KLDC Ceres, Calif. 0317 on 10/11. (DB;Colo).
- 950 KDEL Delwain, Ia. 0406 -0411 on 10/11. (DB;Colo).
- 960 KOVO Provo, Utah. 1853 on 11/4 (AH;N.M.).
- KGKL San Angelo, Tex. 10/31 at 0004, then KGWA in at 0007 (DB;Colo).
- 980 KUPI Idaho Falls, Id. Quality music; 0545 On 11/7 (JO;Alta).
- 990 WCAZ Carthage, Ill. 11/8 at 0123 (DB;Colo).
- 1010 KCHJ Delano, Calif. 0148-0200 on 10/17 (DB;Colo).
- 1050 WACR Columbus, Miss. 11/1 at 0150. (DB;Colo).
- 1090 KNWS Waterloo, Ia. 11/1 at 0302 (DB;Colo).
- 1130 CKWX Vancouver, B.C. 0305 on 11/4 (AH;N.M.).
- 1150 KIZZ El Paso, Texas. 11/4 at 1848 (AH;N.M.).
- 1180 WHAM Rochester, N.Y. 0305 on 11/4 (AH;N.M.).
- 1200 CJAZ Edmonton, Alta. ID heard on 11/7 at 0200. Strong, with Miles Davis (JO).
- 1220 WFKN Franklin, Ky. 0346 on 11/1. (DB; Colo).
- 1230 KRSY Roswell, N.M. 1856 on 11/4 (AH;N.M.).
- KLAV Las Vegas, Nev. 0350 on 11/7 (RC;Calif).
- KCEN Reno, Nev. 0530 on 10/18 with TT (JO;Alta).
- 1240 KIUL Garden City, Kansas. 0100 on 10/24 (DB;Colo).
- KAVE Carlsbad, N.M. To 0203 s/off on 10/11 (DB;Colo).
- KFOR Lincoln, Neb. 10/25 at 0055-0058 (DB;Colo).
- 1250 KWSC Pullman, Wash. Classical mx., then news at 0200 to 0215 s/off (KTW s/on was 15 sec. later). Ann. 0930 s/on - 11/13. (KGS;Calif).
- KOTE Fergus Falls, Minn. 0600 s/on on 10/18 (JO;Alta).
- 1260 WYUU Greenville, S.C. 0504 news, just after s/on - 11/15. (KGS;Calif).
- KWFR San Angelo, Tex. 0122 on 10/25 (DB;Colo). Nice v/l rec'd (KGS;Calif).
- 1270 CFGT St. Joseph d'Alma, P. Q. in FF at 0545 on 10/22 (JO;Alta).
- ???? Mystery. Temp. and ads for Chicago; 0530-0600 on 10/28. WUCA, Gary, Ind.?? (JO;Alta). Sounds like John. Help!!!!
- KNWC Sioux Falls, S.D. 0108-0113 on 11/8. (DB;Colo).
- 1280 KFOX Long Beach, Calif. To 0200 on 10/25 (DB;Colo).
- 1300 KOMA Tulsa, Okla. 0500 on 10/25 (JO;Alta).
- 1310 WDXI Jackson, Tenn. 0148 On 10/21 (DB;Colo).
- 1340 KICK Springfield, Mo. 10/25 at 0331 (DB;Colo).
- KBRB Springdale, Ark. 0131 on 10/23 (DB;Colo).
- KORK Las Vegas, Nev. 0235 on 10/17 (DB;Colo).
- KYLT Missoula, Mont. ex-KQTE, heard @ 0245 on 10/18. S/off 0400 MM; s/on is 0700 (JO;Alta).
- 1350 KRNT Des Moines, Ia. 0102 s/off on 10/5 (DB;Colo).
- KCKC San Bernardino, Calif. 11/8 at 0158-0203 (DB;Colo).

And there's more to come!!!!

Some good ones,
but only 7 reporters.

WEST COAST DX ROUNDUP

(Continued).

- 1380 WSIZ Ocilla, Ga. 0216 on 10/18 (DB;Colo).
 KBVM Lancaster, Calif. 0205 on 10/25 (DB;Colo).
 KUDL Overland Park, Kan. 10/28 at 0227 (DB;Colo).
 1400 KBYG Big Spring, Tex. 0106 on 10/25 (DB;Colo).
 1410 WKBH LaCrosse, Wisc. S/on at 0515 on 10/18 (JD;Alta).
 KRWB Roseau, Minn. 0702 s/on on 10/18 (JD;Alta).
 WCMT Martin, Tenn. 0232 on 10/28 (DB;Colo).
 1420 KHFH Sierra Vista, Ariz. 11/8 at 0810 (RC; Calif).
 WKCW Warrenton, Va. 11/1 at 0401 s/on (DB;Colo).
 1430 KGFL Roswell, N.M. 1845 on 11/4 (AH;N.M.). 0710 on 11/7 (RC;Calif).
 1440 WJPG Green Bay, Wisc. Hrd at 0515 on 10/22 (JD;Alta).
 1450 WMBH Joplin, Mo. 0106 on 10/13 (DB;Colo).
 1470 KTWD Casper, Wyo. 0734 s/on with SSB - chorus - 11/8. (LCM;Calif).
 KELA Centralia, Wash. 0200 s/off with SSB on 11/15 (KGS;Calif).
 1480 WHBC Canton, Ohio. 0431 on 10/11 (DB;Colo).
 KWEW Hobbs, N. M. 0200 on 10/23 (DB;Colo).
 1510 WLKM Three Rivers, Mich. 0032-0045 on 10/31 (DB;Colo).
 1540 KXEL Waterloo, Ia. 0330 on 11/4. (AH;N.M.).
 1550 KQBB Fargo, N.D. S/on at 0745 on 10/8 (JD;Alta).
 WTHB N. Augusta, S.C. 0226 on 10/18, then WYOU (Tampa, Fla) in at 0228 (DB)
 1590 KTIIL Tillamook, Ore. SSB s/off 11/10 at 0307 (KGS;Calif).
 WSWW Platteville, Wisc. 0117 on 10/28 (DB;Colo).
 1600 KVID Cottonwood, Ariz. 0220 on 11/8 (DB;Colo).

Credits: RC=Ron Coleman; LCM=Lance Muller; AH=Arne Henden; JD=John Oldfield;
 RL=Ron Leonardo; DB=DeWayne Bruce; and KGS=Gray Scrimgeour.

 Ron Leonardo - 4249 Woodland Ave. - Modesto, Calif. 95351.

Not much DX in the busy schedule of this school paper editor. Anybody get a varie from KIMO,850? (Several reported recently, Ron, but definitely NOT automatic - try writing to the owner;kgs). I'll send out reports to KUAL (9th Hawaiian) and CKDM. 73

DeWayne E. Bruce - 2101 S. Logan St. - Denver, Colorado, 80210.

Guten Tag!! Yes, I'm still alive with lots of DX to report. 9/13-CMKL,1200 "R. Reloj" (?) 0441-0500 (seems to be the Cuban, DeWayne;kgs). 10/5-YSS,655 @ 0241-0300. 10/11-CMCI,1260 0305-0317. 10/18-XEHF,1370 0300 s/off; HJAT,1100 0326-0336; JBC,700. 10/23-XET,990 2017;XEK,960 2024. 10/25-CMKP,670;CMCD,760;CMHK,1210 (?); CMK,1180; CMDE,1200 (?); XENV,1340 0343. 10/31-XEHL,0106. 11/1-YSC,1015. 11/8-XEL,1260 0129. I'll clue you in on varies after Gray's fingers heal, hi. !! Would greatly appreciate hearing from dan S., Mike S. Adios! (Welcome back, DeWayne. Lots od DX! kgs).

Gray Scrimgeour - 1105 Virginia Way - La Jolla, California, 92037.

First, to answer some questions: John Oldfield, CHTK,560 is Prince Rupert, BC - 1000/250, U1. To my knowledge, CJQX is not yet using 50 kw. And no, I'm not a former Canuck - still one; have Canadian citizenship! Glen Kippel and others, I think that Belize uses the slogan "Emerging (not American) nation of Belize in Central America." No independence yet, I think. TAs returned at a low level on 11/11 and 11/12, then disappeared for 2 days. On 11/15, BBC-1214 stayed in until about 0335 EST! Tallinn-1034 was in tonight (11/16) until 0130. VDA-1196 is tough, but getting better. Heard Russian lang. at last on 973 kc.; parallel to SW USSR Home Service stations, so must be Sakhalin (0415 on 11/15)-definitely Asian. JJs on almost every 10 kc. from 1410 to 1600 lately on MMs. NHK-II synchro relays on 1470 heard for first time; also JOPK,880. Tapod the 850 Pyongyang station (the clearest TP) on 11/14 at 0600, and heard an extra set of time pips underneath - 5 short, 1 long higher (another China Home Service? Very weak). Letter today from Radio Budapest, saying that my report to Pyongyang was sent to them by Peking by mistake, but has been forwarded. Sent my NK report to R. Peking, since no postal service to North Korea from US; maybe Hungary would forward in future?? Or has anyone tried this before? Bill wants the stencils early this week only, so sent on Monday evening. 73 till next week.

Remember to send your contest standings in NOW

And don't forget that there will be a DXer get-together in Kansas City at Thanksgiving. Perhaps on for Southern Calif. in January.

W. W. AND SUPERPOWER.

Mike Worst has written this article about the development of the 500 kw. transmitter that WLW-700 used in the '30's. Information was taken from Proceedings of the Institute of Radio Engineers, Volume 22, Number 10, October 1934. It was quite an achievement then, and certainly an interesting story today.

On May 2, 1934, WLW put a 500 kw. transmitter into regular service. WLW had always been the first to increase power to successive levels. Crosley Radio Co. had filed with the FRC in May 1932 for an increase in power from 50 to 500 kw., since it was felt that any lesser increase would have shown relatively small improvement; a CP had been issued the following month. The 50 kw. transmitter was to be used as the driver for the 500 kw. transmitter.

The total cost of the improvement was about \$500,000. The annual cost of operation and maintenance was set at \$170,000, for a 20 hour broadcast day. The use of high level class B modulation provided a power saving of \$25,000 yearly.

For economy of both cost and maintenance, the power amplifier was divided into 3 units and the modulator into 2 units so that a failure wouldn't take the whole transmitter off the air. There were a total of twelve 100 kw. power amplifier tubes and eight 100 kw. modulator tubes. All tubes operated at a plate voltage of about 11,800 volts. If a short occurred, the transmitter automatically went off the air for 4 cycles, then went back on the air. If the short persisted, the transmitter again went off and the defective power amplifier unit was automatically cut out and the remainder went back on the air with about 350 kw. The entire off-air time rarely exceeded 3 seconds. If a modulator went out, the transmitter went back on the air after several seconds with full power but with reduced modulation. The 4 power amplifiers and 2 modulator units could be used in almost any arrangement. The power was supplied by two 33,000 volt lines from 2 different distribution centers and came to the transmitter over widely separated routes.

The transmitter was made as an integral part of a building with 5 separate rooms. Each room was entirely shielded as a unit and rooms were electrically bonded at numerous points. The problem of radio frequency insulation made a new style of insulation necessary, so GE produced long-bar green-tint Mycalex for this specific application.

The modulation system was unique in several respects: the power required was 10 times greater than ever obtained before from any audio amplifier. The fidelity had to be maintained or advanced, and the output had to have an efficiency as high as possible. Since the modulator stage was divided into 2 units, separate interstage transformers were used to couple them with the previous stage. These transformers weighed over 2 tons each. The modulator stage was then transformer coupled to the load circuit by 2 identical transformers. These transformers were rated at 180 kilovolt-amperes each from 30 to 10,000 cps, and were oil-immersed and weighed 19 tons each. The height was 11 feet and the case around each unit was elliptical in shape, having a maximum dimension of 7 feet and a minimum dimension of 4 3/4 feet. The direct current component of the power amplifier plate current was passed through a modulation inductance reactor rather than through the secondary windings of the transformers. The reactor had 4.5 henrys of inductance at 60 amperes, and was similar in shape to the modulator output transformers but weighed only 12 tons (ONLY!).

With an input to the power amplifier of 700 kw., the output of the modulator system required to give 100% modulation was 350 kw. The power input for 100% modulation was 12.5 milliwatts. This corresponds to a power amplification of 28,000,000 times. Current limiting resistors connected in series with the plates of each of the modulator tubes were of such a size to limit the surge current to 1000 amperes or so. The power dissipated in them was 12,000 kw. for a time of about 1/12 of a second.

The radio-frequency amplifier was composed of 3 identical units each capable of delivering 167 kw. of carrier power. The filaments of the amplifier tubes used 33 volts and drew 207 amperes, which made the total filament current for the power amplifiers and the modulator of 4150 amps.

The concentric transmission line (used because it suppresses harmonic radiation) which transmitted the power to the antenna house was 780 feet long. The surge im-

pedence was 100 ohms, thereby making the line voltage 7070 volts at 70.7 amperes for unmodulated 500 kw. The outer tube was 10 inches in diameter and the inner tube was 1.875 inches. It is believed that this was the first application of the concentric transmission line for a broadcast station in the U.S.

The main rectifier consisted of six RCA-870 mercury-vapor tubes rated at 16,000 volts with 450 amps. The average current was 75 amps so they were operated considerably below their maximum rating. Three single phase plate transformers were used, which were relatively light at 7000 pounds each. They were connected so that the equipment could be tested or warmed up at a lowered voltage of 7000 volts. The rectifier could give a continuous output of 1250 kw., but the load was always varying during modulation, so the direct-current load current varied from 70 amps at zero modulation up to 110 amps at 100% modulation.

Bias voltage today is always taken from the power supply or from the output of the preceding stage, or the circuit can be self-biased. In the WLW transmitter, all bias voltages were supplied directly by DC generators. The generator which supplied bias voltage for the power amplifier tubes was rated at 1.2 kw. at 1000 volts; for the modulators at 1.2 kw. at 100 volts; and the one for the first 4 audio stages at 0.375 kw. at 1500 volts.

With the power of 500 kw. a special study had to be conducted to decide what type of antenna would be used. One of 0.58 wavelength was the best practical type known at the time, which at the frequency of 700 kc. worked out to be 831 feet. The widest part, 35 feet across, was at the 350 foot level (where the WLW neon sign was). The tower rested on a single porcelain base insulator and was held by eight 2-inch guy cables, which were broken up with 7 insulators. The tower was put into use in June 1933 with the 50 kw. transmitter, and by comparing the operation of the T antenna that had been used for years, it was found that the effective power had been doubled for this particular operation. (The T antenna was at 0.75 of the fundamental frequency). In some areas, it was found that the nonfading service had increased 66%. This was nothing, though, compared to when the 500 kw. finally went on.

The first equipment arrived about July 1, 1933, and on November 1st 500 kw. were put on the air. Within a few days this was substantially increased with 100% modulation. The planning had been completed many months before the installation, so no major changes had to be made during construction. The normal output power was 525,000 watts. The normal power input to the power amplifier alone was 1150 kw. for zero modulation, 1600 kw. for 100% modulation, and 1225 kw. for normal average modulation. The frequency characteristics at 50% modulation was one db low at 30 to 50 cycles, 1/2 db low at 150 cycles, zero db to 5000 cycles, 1/2 db low at 8000 cycles, and two db low at 10,000 cycles, using 1000 cycles as zero db. 100% modulation was obtainable at all frequencies between 30 and 10,000 cycles.

With a fundamental field strength of 6 volts per meter at one mile (note that this is 6 million microvolts per meter), the strength of the strongest harmonic (the second) was 400 microvolts per meter at one mile. This is equal to 0.002 watt. The 4th harmonic didn't exceed 200 microvolts, and the 3rd, 5th, and 6th were below 50 microvolts. At the time these characteristics were believed to be in advance of the requirements of the broadcast art, and in general was at the greatest degree of excellence that was economically justifiable.

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Mike Shannon writes that plans are going well for the 1966 IRCA Convention in Milwaukee, Wisconsin. Will be held at the Sheraton-Schroeder Hotel, possibly during the second weekend in August. Definite arrangements to be announced soon. Start saving now, and plan to attend this great function. The Sheraton-Schroeder is being remodelled, and will be all new for the IRCA Convention. (See how famous we are?). Sounds like a nice place to meet; and the menus look good!!! Milwaukee in '66.

How about some more of you domestic DXers reporting, with tips. Where are you all? Send s/on, s/off and test information to DTI, and report good domestic DX in your Forum reports. Cross-country DX is starting to get hot, so why not get in on it. Listen and REPORT.

- 548 Konigslutter, WEST GERMANY was in with a good signal during its s/off - s/on period 11/15 from 2232-2255. Tone noted from 2245-2250 followed by IS until 2253. Positive ID heard at 2253. Reported. (ELK)
- 584 ???? Presumably Austria or Spain was logged here 11/15 with a program of music around 0100. (WS)
- 638 Prague, CZECHOSLOVAKIA was noted with a truly beautiful signal on 11/15 from 0104-0106. (ELK)
- 647 Daventry, ENGLAND was logged at S9 on MM 11/15. (WS)
- 655 Pyongyang, NORTH KOREA was in by 0323 on 10/15 to correct the error in DXWW of 10/23. The North Koreans on 785, 875, and 850 are now heard only a few minutes earlier. (KGS)
- YSS San Salvador, EL SALVADOR was heard 11/9 with moderate strength from 2100-2130 with QRM from a CW beacon (?) on 657 or 658. (LCM) (Lance, EBU indicates beacon "ON" on 657; location not specified - ed)
- 665 Bodensee, WEST GERMANY was presumably the station noted here 11/15 from 0056-0059. Fair signal, but I didn't stop for a log. (ELK)
- 670 JOBK Osaka, JAPAN was heard 11/5 and 11/6 u/ WMAQ at 0330. (KGS)
- 695 TGHR Guatemala City, GUATEMALA, Radio Mundial verified with a v/1 from the v/s listed before. She certainly writes nice veries: "... su recepcion es magnifica y sus datos exactos."! First entry for the contest here. Asked about call for Radio Emperador, but no answer. (ELK)
- 725 Pyongyang, NORTH KOREA was noted weakly 11/7 at 0425 // to 785. (KGS)
- 728 Schwerin, EAST GERMANY was noted from 2209 on 11/15. Couldn't seem to get a log on this needed one, however. Signal was excellent at times, but suffered extended fades. (ELK)
- 746 Hilversum, NETHERLANDS was noted at S6 on MM 11/15. (WS)
- 760 Hue, SOUTH VIETNAM was in fact heard and verified last season, and as far as I can remember it has been heard this season too. Further, it is listed in the VOA frequency schedule as "Vietnam". My personal guess is that they are highly directional towards the north so that no signals can be heard in other directions. (IAR)
- 764 Dakar, SENEGAL was in strong on 11/15 at around 0125. (WS)
- 773 Valencia, SPAIN was probably the SS speaker here with music on MM 11/15 at around 0145. (WS) Was in with a superb signal and lots of US popular music on the program "Musica sin Palabras" 11/15 from 0141-0200. They seem to like Ray Conniff, and I guess his music sneaks in under a broad interpretation of the program title, hi! News from 0201-0211. And underneath it all the while was: (ELK)
- Radio 3-9-0, INTERNATIONAL WATERS must have been the one logged under Valencia above. Dixieland music noted from 0141-0200, and a religious program after 0200. Fair signal at best, but occasionally on top. A tentative report is being sent with crossed fingers. (ELK)
- 782 Burg, EAST GERMANY was also good on 11/15, from 2213 on. Same story here as with 728, however. No report although needed. (ELK)
- 785 Black Rock, BARBADOS was heard 11/8 and 11/10 with BBC news at 2200 followed by an ID as "The Voice of the Eastern Caribbean". Tough log with WBBM booming in, but country #7 logged. (RA) Sent a verie 11/15 for my 10/25 report. V/s is Dennis Vance. They now list a TV station on channel 3. (BN)
- 795 (?), CHINA faded in at about 0500 on 11/5; 0345 on 11/6. 835 faded in at about the same times both days too. However, noted deep fades for several minutes on 835, but this one remained strong! Different location; similar sunset time? (KGS)
- 800 EAJ7 Madrid, SPAIN, Radio Madrid is here now, ex-809. Spain is undergoing massive frequency changes. (NRC)
- 827 Sofia, BULGARIA was presumably the TA noted here 11/15 at 2309 with a fair signal. Man with news. Excellent TA night. (ELK)
- 834 Belize, BRITISH HONDURAS now s/off at 2234 giving the time as 10:04 (2204

- 834 The nation is now Belize not British Honduras. (LCM) (I question whether it's official as yet, Lance - ed)
- 835 Kiangsi, CHINA was heard with 4 positive IDs now. Time pips (4 long ones) differ from 843, Kiangsi. Local opera heard here at 0430 on 11/7 (National operas use different music, I'm told). Now wonder if this is Nanchang, ex-840; with 843 being down-province? Would seem strange to have two powerhouses within 8 kcs. in one city! Or is it Dairen rebroadcasting Kiangsi? (KGS)
- 840 JCQK Niigata, JAPAN is still the only oriental heard here. Noted // to 670 on 11/6 at 0512. (KGS)
- 843 ???? After reading the 10/16 DXWW I am quite convinced that this oriental is HSK in Bangkok. Not listed in WRTVH, but is in FBIS, and is frequently reported by NZ DXers. As I said before, we have reports of a Thai station on 841, but the frequency may vary. (LAR)
- 845 Rome, ITALY was finally logged for a report 11/16 from 2303-2320. News in EE by a woman from 2303-2306. Program of music followed. Rough go with WJW and WHAS sandwiching them! (ELK)
- 863 Paris, FRANCE was in at least as late as 0304 on 11/15. Fair signal. (EL)
- 880 TGJ Guatemala City, GUATEMALA was heard on 11/4 from 2235-2310 with excellent to moderate strength. Heard a spot for "Orange Crush" soft drink. (LCM)
- 881 Washford, WALES was in with a surprising S6, perfectly readable, signal 11/15. IDed as the Home Service at 0300. (BN) Was in at S8 on MM 11/15 around 0145. (WS)
- 885 ???? A weak UnID station was noted with music and an announcer with a British accent at 0530 on 11/15. Presumably Montserrat. (BN)
- 917 ???? An UnID station, presumably Reichenbach, East Germany, was noted in GG (?) from 0109-0113 on 11/15. (ELK)
- 926 Brussels, BELGIUM was logged with a very good signal 11/15 at 0108, and was still in past 0219. (ELK)
- 953 Brno, CZECHOSLOVAKIA was logged for a report with the best signal ever 11/15 from 2315-2340. Folk music from 2315-2330. (ELK)
- ???? A station was noted here 11/15 with a strong S6 signal. Probably Czechoslovakia. (WS)
- 973 ???? A very weak signal was here at about 0410 on 11/6 and 11/7. Is this Sakhalinsk? (KGS)
- 1000 XEOY Mexico City, MEXICO had a beautiful signal on 10/25 from 0015-0027. Call letters were announced clearly several times and the Radio Mil slogan was also used. (RA) Was heard 10/31 after KOMO's s/off at 0301 until 0315. (LCM)
- 1007 Hilversum, NETHERLANDS is the best bet to have been the S9 signal noted here MM 11/15. (WS) Was very good 11/15 at 0220. (ELK)
- 1016 Mainz, WEST GERMANY had an excellent signal 11/15 at 0221, and has been noted many evenings also. Their 300 kws. really get out! (ELK)
- 1020 Radio Peking, CHINA was heard 11/14 from 0407-0500 mixing in with KDKA. Foreign Service? (RJS) Was loud 11/7 from 0334 to after 0415 in Mandarin. Announcing changes in the program sked effective 11/8. "Chungyung Yungming Guangbo Dientsu" as ID (Government of Red China Broadcasting Station). Children's program sked 0525-0555 and 1500-1530. "Program times for Peking broadcasting will not be changed." 1040 kcs. not audible at these times; frequency change permanent too for this time? (KGS)
- 1025 ???? An UnID, in what I took to be SS, was heard 11/14 from 2329-2331. Gong on the ½ hour. TIAC off by 2315. HOU supposed to s/off at 2300. Thought at first it might be Austria at s/on, but no Mozart opera selection. Possibly YNW3, Radio Mundial. WRTVH says it has a gong for its IS and s/off at 2400. KGBS was murder after 2400. (RJS)
- 1034 CSB2 Parede, PORTUGAL was heard well several times recntly (2300-0145). Best TA after BBC-1214. (KGS) Is almost definitely the TA heard here at

- 1034 CSB2 2312 on 11/14 to 0102 on 11/15 when TV cut the festivities short. Sounded like either SS or PP. High at 2340, 2345, 2349 (Man talking), 2356, and 0001 (Best, with man talking). 5 pips at 0100 ($\frac{1}{2}$ second each, $\frac{1}{2}$ second between, $\frac{1}{2}$ second pause and a 5th.) another pause and what seemed to be a short tune (IS?) and then talk (ID?) and fade. (RJS)
- ???? Two stations were battling it out MM 11/15 around 0200. Probably Italy and the AFN (in EE). (WS) (Wait, no AFN stations here. Suspect, if frequency is correct, Radio City the EE, and what about CSB2? - ed)
- 1088 Droitwich, ENGLAND was in around 0240 on 11/15. (WS)
- 1097 EFE14 Madrid, SPAIN, La Voz de Madrid is now here from 1079. (NRC)
- 1106 Vilnius, LITHUANIAN SSR was, I'd like to believe, the UnID TA here 11/15 from 0237-0300. Fair at best, and language stumped me. AFN noted earlier but certainly not they as definitely not EE. Doubt SS either. Gave a friend, born in Russia, the tape, so hope for some help as I would desperately like this one. Time pips noted at 0300 reminded me of Czechoslovakia. This time has me bothered, however; it must have been well past sunrise there! (ELK)
- 1120 ???? Japanese programming heard along with a hum (Peking?) at 0445 on 11/8. US songs. (KGS)
- 1133 Radio London, INTERNATIONAL WATERS was heard with the news at 0231 $\frac{1}{2}$ on 11/15. Mentioned "Next news at half past eight." Signal wasn't good enough for a report - one of these days! (ELK)
- EFE22 Oviedo, SPAIN, Radio Oviedo-La Voz de Principado de Asturias, is here from 1079. Noted at 1955 s/off. (NRC)
- 1160 Radio Americas, SWAN ISLAND is heard every night here in the clear o/ WJJD. (RA)
- 1170 JOJK Kanazawa, JAPAN was heard // to 840 and 670 at 0408-0420 on 11/8. Too weak for a report. (KGS)
- 1196 Munich, WEST GERMANY was heard with EE news and an ID from 0001 on 11/12. Tough one here. Hope to get details for a report soon. (KGS) Was strong S9, playing "Dear Hearts" by Sarah Vaughan, at 0026 on 11/15. All in EE. (WS)
- 1205 Bordeaux, FRANCE was strong S9 with a woman talking in FF on 11/15. (WS) Had a good carrier, but poor audio (For my FF) on 11/11 and 11/12 from 0000-0130. (KGS)
- 1208 ???? Only an OC was noted, but it was strong. East by the loop. This on 11/8 around 0015-0030. Dominican Republic? (KGS)
- 1214 BBC Light Program, ENGLAND is still the best TA; e.g. 11/12 at 0100. (KGS) Was noted at 0315 on 11/15. Weather forecast at 0320. Weaker than 881, but readable. Is this Scotland or what? (BN) (Take your pick, Bill. Three transmitters over 50 kws. listed among others. One of these is in Scotland - ed) Was possibly the EE speaker up very briefly 11/15 at 0045. If so, it was heard earlier this year than last for me. (RJS) Was a strong S9 playing "Oh, Mein Papa" in GG at 0240 on 11/15. (WS)
- 1375 ST. PIERRE & MIQUELON was apparently the FF speaker here 11/15 at 0535, but it was too weak to log. (BN)
- 1457 Clevedon, ENGLAND was strong at S9 on MM 11/15. (WS)
- 1466 3AM2 Monte Carlo, MONACO was very strong, 10 db over S9, on MM 11/15. Played "Ghost Riders In The Sky" at 0120. (WS)
- 1480 JORF Yokohama, JAPAN, Radio Kanto, was loud and clear 11/8 from 0345. 3 chimes and 1 pip at 0400. Clear IDs. (KGS)
- 1502 Warsaw, POLAND was presumably the TA noted with a piano concert on MM 11/15 at 0125. (ELK)
- 1516 Radio Peking Foreign Service in Russian is heard all day and night here. Their signal is very, very strong. You can hear the hum from the transmitter during program pauses, and you can hear them on an ordinary transistor radio. The signal is consistent all PM and evening. My personal guess is that it is a relay from somewhere in southern Europe (Albania?) with super-power, and that it is highly directional

- 1516 towards Russia. (LAR) This station has now moved to 1525. Location seems to be in western China. (LAR) (This latter note was taken from an SCDX received at the last minute - ed)
- 1560 ???? Ever heard a JJ graveyard? Several UnID orientals were noted weakly on 11/8 and 11/11 at 0330 on. (KGS)
- 1562 Radio Veronica, INTERNATIONAL WATERS was noted in with a very fine signal 11/15 from 0127-0131. (ELK)
- 1565 Castries, ST. LUCIA was noted here recently from 1843-1905. Weak, but a definite ID was heard. (NRC)

- ALBANIA The new winter sked for Radio Tirana is: FF 1130-1200 and 1530-1600 on 1098 (sic); GG 1700-1730 on 1098 and 1358. (WRB) (I believe the correct frequency above should be 1088 - ed)
- FIJI ISLANDS The Fiji Bcstg. Commission at Suva announced plans to operate a three language network - EE, Fiji, and Hindi - on 710, 930, and 1320. (WRB)
- NORTH VIETNAM Radio Hanoi's Foreign Service now has the following winter sked: EE 0000-0015, 0800-0830 and 1030-1100; FF 1745-1800, 2315-2330, and 0900-0930. Both on 1240. (WRB)
- POLAND Radio Warsaw's Foreign Service for the period 10/65 - 4/66 on 1502 will be: Esperanto 1030-1100; FF 1230-, 1700-; SS 1800-1830. (WRB)
- ZAMBIA The Zambia Bcstg. Corp. lists the following stations:
- | | | | |
|--------------|-------------|----------|---------|
| EE Service | Kitwe | 548 kcs. | 20 kws. |
| | Broken Hill | 596 | 2 |
| | Livingstone | 650 | 2 |
| | Lusaka | 962 | 2 |
| | Ndola | 1215 | 1 |
| Home Service | Lusaka | 698 | 2 |
| | Kitwe | 746 | 20 |
- (WRB)

The THANKS this issue go to:

RA	Bob Astmann	NEW YORK	LAR	Lars Ryden	SWEDEN
ELK	(Your Editor)	OHIO	KGS	Gray Scrimgeour	CALIFORNIA
LCM	Lance Muller	CALIFORNIA	RJS	Randy Seaver	CALIFORNIA
BN	Bill Nittler	COLORADO	WS	Walt Snyder	NEW YORK
NRC	National Radio Club	<u>DX News</u>	WRB	<u>World Radio Bulletin</u>	

The following changes in the European broadcasting spectrum were listed by the EBU in their Report No. 41, Supplement No. 41-B, dated 1 September 1965:

- 665 El Beida, LIBYA is here. ex-676
- 677 Jerusalem, JORDAN is now using 200 kws..
- 887 ECS3 Avila, SPAIN is here since July. ex-885
- 944 Larissa, GREECE was noted here in August.
- 1035 A TURKISH station was noted here in August; probably Izmir.
- 1052 Tetuan, MOROCCO is now here. ex-1040
- 1070 A GREEK station was noted here in July. ex-1049, 1055, and 1064
- 1088 ECS21 Baeza, SPAIN was heard here in August. ex-1105, 1112, and 1115
- 1169 Hyeres, FRANCE was in service during July and August only.
- 1178 Le Cannet, FRANCE was in service during July and August only.
- 1196 A PORTUGUESE station was noted here in July.
- 1253 EFJ60 Valdepenas, SPAIN was logged here in July. Previously on 1263.
- 1280 EFJ50 Calahorra, SPAIN was logged here in August. Previously on 1255.
- 1466 A RUSSIAN station was noted here in August.
- 1507 ECS1 Teruel, SPAIN was here in August. ex-1335, 1346, 1351, and 1493
- 1575 Vinnitza, UKRAINIAN SSR was noted here in August at times; also 1546.
- 1581 Bernburg-Halle, EAST GERMANY was here in August. Normally 1570
- 1583 A GREEK station was logged here in August.

A short time ago an article was published in this column which put forth the argument that Radio Americas was NOT located on Swan Island. Many DXers do not agree with this position or believe that the Swan Island location has been disproved. Inasmuch as no editorial stand was then, or is now, intended to be implied, presented below is an article disputing the conclusions of the aforementioned piece. (ed)

Radio Americas' Location - The Proven Facts

by Ronald F. Schatz

Where is Radio Americas? Only the CIA, of which Radio Americas, Inc., is a cover organization, knows for sure. Certainly, no DXer has yet come up with any information that could possibly support a definite and irrefutable statement this controversial station either is or is not located on Swan Island. However, there are certain facts which have been proven and which must be accepted as Gospel if this dispute over Radio Americas' location is to be considered on a logical basis.

For one, the results of comparative loop bearings performed under precise conditions cannot be rejected by anyone who has even an elementary knowledge of the laws of physics. Such a series of fixes were taken in Miami during the past summer, for which precautions were taken against any known possibilities of declination. And the results, accurate to within 2° , indicate that:

Radio Americas is located within a 4° wide sector with Miami at the vertex and Swan Island exactly midway between its sides.

From the above we can deduce Radio Americas' possible locations: Miami or South Florida? Definitely not, as your reporter can attest from visual and signal strength observations. The upper Florida Keys are out for the same reasons. In fact, no appreciable difference in Radio Americas' daytime signal has been noted anywhere along US Highway 1 between Miami and Key West, so we can further rule out the Florida Straits and (Lord!) Cuba as possible sites for the station.

But considering that Radio Americas on 1157 kcs. can be heard at noon in South Florida, three other possible locations remain: Swan Island is the most likely; the best alternative being the northern coast of Honduras at Brus Laguna (Why not?). Also, a plausible but unlikely location would be a ship anchored on one of the Reynosa Banks, to the north of Swan Island. Nowhere else within the sector could a vessel find water shallow enough for it to lay at anchor, excepting, of course, the coastal areas of Florida, Cuba, Swan Island, and Honduras; the last two being extremely remote possibilities. However, a floating location for Radio Americas may be ruled out by the fact that during times of high seas in the western Caribbean (CLX, the National Observatory station in Habana, broadcasts accurate weather information for that area every afternoon) no trace of fluctuations corresponding to the rolling of a vessel have been detected in Radio Americas' signal (Nor have any of their announcers ever sounded nauseated, hi).

So where is Radio Americas? Until your reporter comes up with some more evidence as the result of planned DF bearings from Gainesville, Florida or from Key West, take your pick between Swan Island or the Honduran coast, excepting the minute possibility of a Reynosa Banks location.

Any comments?

Remember that Foreign Contest entries are due by 30 November

Foreign stamps for use as return postage can be obtained from the DX Stamp Service, 466 Weaver Road, Webster, New York 14581. Write for a price list.

ADDRESS CHANGES

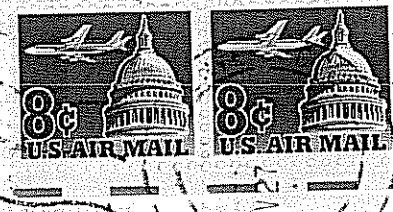
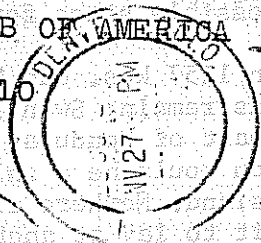
Remember to forward your address change to HQ, Box 112, Englewood, Colo. in plenty of time so that you will receive all your Monitor's. If a change has not been submitted, it is usually 2 or 3 issues before HQ starts getting your issues back. As previously stated, all bulletins received back because of an address change will cost the member 25¢ to get. This is assessed as it costs the club this much in postage, return postage, and handling. THIRD CLASS MAIL IS NOT FORWARDABLE.

EXPIRATIONS

The following member's dues will expire as stated:
with this issue: Johnnie T. Arthur, Murray Bob, and Kern Clapp
November 27 issue; Bob Phipps, Bruce Schulze, Don Webster, William Wilson, Martin Raye, and Garry Stoklas.
December 4 issue: Mike Mitock, John Gifford, Thomas Jasinski, Dan Samer and Thomas Pryts.
December 11 issue: Bruce Kirkpatrick, Charles Callahan and Jody Coles.

Please note these dues expirations and get your dues in as quickly as possible so that you won't miss any issues.

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VIA AIR MAIL

3-8

VIA AIR MAIL

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