



DX MONITOR

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THE INTERNATIONAL RADIO CLUB OF AMERICA

VOLUME 12 NUMBER 25 MARCH 15, 1975

DX CALENDAR DX CALENDAR DX CALENDAR

All times Eastern Local Time

Mon. Mar. 24 0300-0330	KZUL 1380 Parker, AZ	1kw D1
Mon. Mar. 24 0230-	WOTT 1410 Watertown, NY	5kw U2
Tues. Mar. 25 0200-	KGVO 1290 Missoula, MT	5kw U3
Mon. Mar. 31 0230-0300	WDLB 1450 Marshfield, WI	1/.25kw U1
Mon. May 5 0000-	WIXE 1190 Monroe, NC	.5kw D1
Mon, May 26 0600-0800	KRIZ 1230 Phoenix, AZ	1/.25kw U1

Overlooked was WMBG-740 test Mon. Mar. 17 0000-0600. See writeup on pg. 281.

WOTT-- no program information. Reports go to Steve Behm, Program Director, WOTT, Box 29A, Gifford Road, RD2, Watertown, NY 13601. Arranged by Eugene Vonderembse for NNRC.

KGVO--special IDs will begin at 0206. Reports go to Tom McGinley, Program Director, KGVO, Drawer M, Missoula, MT 59801. Arranged by Tom Blossom for NNRC.

WDLB--this is a 24 hour station, but they will broadcast special Top 40 type music, with frequent IDs. Also the hour will be dedicated to NNRC, with information being given over the air. Arranged for NNRC.

KZUL didn't show on Mar. 3 because of equipment problems, so has been rescheduled. See pg. 305 for details.

CPC Results and FLASH TIPS.

WPEN-950 in Philadelphia is back on, according to Phadz, but should be testing a lot in the next month with both DA and non-DA, according to Geoff Fox who is working for them. Their format is oldies (mostly pre-64), 24 hours a day (SPU for the present). FCC has granted a waiver to simulcast for the next six months. A new transmitter (Gates PDM), center tower, ground system, and complete audio chain have been installed.

KAZM test started 0300 ELT per call to station by Larry Flegle. Strong KVOL-Nashville, TN- interference on frequency, plus a Mexican, so Larry couldn't hear. Heard on top of channel here in San Diego.

KZUL not heard by Larry Flegle, partly because of a dominant UnID Mexican, but mostly because the test wasn't on. Skip Dabelstein has talked to Jerry Hale, PD, and the test is rescheduled for Monday, March 24, from 0300-0330 EDT.

The Inside Story -

- **Membership Committee Report--Mel Hickman
- **Faith for Our Time Radio Log--Mel Hickman
- **President's Report--Rick Evans
- **1975 IRCA Reprint List
- **Contest Standings--Michel Breger
- **NEBE--A DXer's Paradise--Skip Dabelstein and Bob Mitchell
- **A Simple Method of Finding GCD and GCB--Father Jack Pejza
- **Photos--mostly of the Seattle Convention
- **Rock Station Guide--Arthur R. Vuolo, Jr.

BROADCASTING INFORMATION

(as compiled by Mike Worst)

KORK 720	50-U	Las Vegas, Nev.	requests KDMG
new 1060	1-D	Hibbing, Minn.	" WFKQ
KBER 1150	1-D	San Antonio, Tex.	granted EGAM
new 1270	1-D	Buena Vista, Va.	requests WBNV
WBAY 1360	5-U	Green Bay, Wisc.	" WGEE
WNUS 1390	5-U	Chicago, Ill.	granted WVOX
WRAC 1460	1/2-D	Racine, Wisc.	requests WRER
WPTS 1540	1-D	Pittston, Pa.	granted WARD

From the February 24, 1975 issue.

Geomagnetic Indices

Feb. 26-Mar. 4 8 5 11 17 11 10 10

Geomagnetic activity was expected to drop gradually but became disturbed again about 9 Mar. Solar activity is predicted to be very low.

IRCA AT ELEVEN YEARS -- AN EDITORIAL

Man is by nature a gregarious creature; he tends to group together with those who share common interests. In this way he can share his accomplishments with those who will appreciate their worth; he can be reinforced by their approval of what he is doing; he can show his approval of the exploits of others.

Radio listening is ordinarily an individual accomplishment. The DXer listens for distant stations by himself. Yet, because of his nature as a social being, he wants to share his achievements with others.

It is because of this that an organization called IRCA was established eleven years ago. The common interests which inspired a group of DXers to break away from the National Radio Club and form a new organization (first known as NRC, Inc. and later as IRCA) were two: a shared interest in broadcast band DXing, and a desire to share these interests in a democratically run club.

The second of these objectives should be in our minds as we once again prepare to nominate and elect new officers for IRCA. The main reason any organization elects officers instead of simply appointing them is to allow all the members to express their views of how the club should be run through their votes. Each member has the opportunity to vote for candidates whom he feels will lead the club the way it should be run. Democracy is not always the most efficient way of running an organization; it is not always the fastest way to make changes, but it certainly is one way in which everyone can participate in running the club.

As an organization, IRCA has survived since 1964 because of the dedication and hard work of many individuals. The club office has conscientiously tried to run the club for the betterment of the hobby. The publishing staffs and editors have spent hundreds of hours each year in preparing material for the bulletin; it is the continued interest and enthusiasm of a devoted group that is responsible for the continued high caliber of DX Monitor. And now, all together..."Happy Birthday to you..." FJP

eastern dx roundup

Editor: Mike Milock,
Box 533
Lorain, OH 44052

DEADLINES: 3/24; 4/7; 4/21; 5/12

560 **WEBC** MN, Duluth was noted w/call ID at 0104 on 2/17. Believe TT heard later was from them. Good sig and dominant. (ELK-OH)

WHBQ TN, Memphis at 2355 2/21, ID, nx, on top of unID and others. (DHM-PA)

570 **CJEM** NB, Edmundston noted 0003 2/22, FF talk, and mx, tentative. (DHM-PA)

MCA NY, New York City, 2/10, noted on ET-TT-CC 0040 thru 0102 ID, t/out. (TRS-NJ)

610 ****WSNG**** CT, Torrington, 2/14 0012-0047 tune out. Tent on TEST w/1 kHz TT only @ 0012, 0030, 0040, 0045-0047. Sustained QRM f/WIP/WIOD/CKTB. (RA-MA)

+ TEST tried for but not hrd as WIP was not off. (DHM-PA)

WTVN OH, Columbus tent w/part of ad for business establishment "in Columbus" hrd between end of song and begin of ancr talk, or #IP 2/14 0008. (DHM-PA)

630 **CFCY** PE, Charlottetown; 2/9, 2330 ID & into sports poor sig filtering thru CMHQ, and not hrd again this a.m. Still no CHTN-1190 w/R. Cordillera (Columbia) blocking channel, But Foxy tells me CHTN was dominating the freq at his location. (TRS-NJ)

WPRO RI, Providence; 2/17 noted off in checking freq. for #EJL DX @ 0010 but back on by 0310 on later check. (RA-MA)

****EJL**** PA, Scranton; 2/17 0012-0037 tune out. Poor to fair on TEST w/1 kHz TT & Voice IDs. QRM from CFCO mostly. (RA-MA)

+ Was noted w/TT 0150-0205 on 2/17. Fair at best. Only one simple ID noted at 0150½. (ELK-OH)

+ 2/17 DX hrd w/IDs 0001, 0015 w/fair-to-good sig atop freq as expected (semi-local here). (TRS-NJ)

+ Fair on DX w/TT 0046, 0057, u/Mor stn, prob WKAL. This 2/17. (PRM-NJ)

650 ***SM*** TN, Nashville on 2/17 ET-TT 0116-0130 ID. (PRM-NJ)

680 ***CFTR*** ON, Toronto on 2/17 ET (?), rock mx 0101-0115 non stop, then ID. (PRM-NJ)

740 ****WEG**** VA, Williamsburg; IRCA TEST of 2/17 not hrd at any time this AM...A No Show? (RA-MA)

+ 2/17 DX not hrd in random checks 0000-0145, but Kurt Nelson of PA tells me he did hear stn c. 0335 (TRS-NJ)

780 ****KRL**** NY, Reno; 2/17 DX not hrd despite attempt. #BBM on. Nelson (PA) says he hrd TT looping #S which I hrd too, but perhaps a Cuban off freq. (TRS-NJ)

790 **WEAN** RI, Providence; 2/10 Fair w/WABC off, w/Mo rock 0350-0400. (PRM-NJ)

800 ***KLA*** ON, Windsor was off the air for transmitter adjustments on 2/20 @ 0015 & 2/21 @ 0035. (RA-MA)

CJAD PA, Montreal; 2/21 0100-0103. End of Mor, ID & CJAD News...weak u/RJB w/CKLA off. (RA-MA)

810 **WKBC** NC, N. Wilkesboro at 0730 2/15 w/Mutual Nx, Singer Sewing Machine ad, and NC wx.(FDP-OH)

850 **WJW** OH, Cleveland fair w/s/off 0000 and vocal SSB 2/17. (PRM-NJ)

WKIX NC, Raleigh; 1/31 0230-0515, pop music, "20-20 News" 20 min. before the hour, Poor-fair w/much fading & QRM from KOA. (CH-FL)

930 **WPAT** NJ, Paterson, w/lite mx, ID on top of several stns, no sign of #BEN, which usually dominates. 0020 2/14. (DHM-PA)

WBEW NY, Buffalo fair-poor u/WPAT, 6 miles away, w/talk 0333, mx 0336-39. 2/17. (PRM-NJ)

940 **WYLD** LA, New Orleans, 0430 2/8 good o/KIOA/WINZ w/soul. (SF-TN)

950 **WRYT** MA, Boston; 2/9, s/off 1715 w/SSB, atop freq. (TRS-NJ)

960 **WEAV** NY, Plattsburg, "Big weave" good 0308 2/10 o/#ERC w/rr & "5,000 watts of mx Power" promo; plug for CBS Mystery Theater at 2207 that nite. (SF-TN)

WJCM FL, Sebring, 1/30 1735 pop mx, hrd ads mentioning "Sebring" on previous occasion, but call not hrd till this date. (CH-FL)

970 **WVOP** GA, Vidalia at 1730 1/26 w/WAVE nulled. s/off mixed w/WIIN also s'ing off. (FDP-OH)

980 **WPGA** GA, Perry, 2/6 1818 s/off hrd thru heavy static. (CH-FL)

990 ****WNO**** WI, Wisconsin Dells; 2/10 DX not hrd due to WJBG putting CC on air 0300+. (TRS-NJ)

+ Maybe on DX, TT hrd only 0307-0309 2/17 u/WINS slop. Anyone in this area hear it? (PRM-NJ)

1070 **WAPI** AL, Birmingham; 2/12 1838 lite & pop mx, ID. Good reception. (DHM-PA)

1080 **WPIV** FL, Kissimmee, weak u/WRLD/WKLO w/wx, c&w 0704 2/12. (SF-TN)

1090 **WBAF** GA, Barnesville, fair o/WBAL 0715 2/10 w/s/on read o/"Dixie", then into c&w. (SF-TN)

WBUS MI, Muskegon good w/ID 0217 1/27 during ET-rr. (SF-TN)

1190 **WPUP** MO, Bay St. Louis at 1815 1/20 w/WOWO nulled, mx & Insurance agency ad. (FDP-OH)

1220 **WENC** NC, Whiteville, 2/3 1800 s/off; first hrd in Jan. at 1730, "WENC.(sounded like WANC).. ...??? Carolina now leaves the air"...; Hrd again 2/3 w/suggestion to turn to FM on 99.1. (CH-FL)

1240 **WGBB** NY, Freeport, 0315-0410 2/3 fair w/pop mx, frequent IDs. (CH-FL)

WROV VA, Roanoke, faded in 0324 2/3 in between WGBB. (CH-FL)

1250 **CHAC** ON, Oakville fair u/WTAE 2/12 w/Flyers-Flames game, hockey from Oakville Stadium 0025-30. (PRM-NJ)

1270 **WLBH** PA, Lebanon; 2/15 1730-1745, mixing w/WTSN w/rr & SID @ 1740. Spot for a local merchant. (RA-MA)

1280 **WSAT** NC, Salisbury first noticed 1900 1/20 w/ID. Hrd later days w/pop mx, mentions of "Super Sat", has "Trading Post" program at 1815 w/private "for sale" ads. (CH-FL)

1290 **WTMC** FL, Ocala; 2/17 1730-1740 w/ads, nx, QRM from WIRK. (LVF-FL)

1310 **CROY** ON, Ottawa, 2/17 0425-0431 tune out while trying for WIBA. Even w/WLOB w/promo for CROY Pepsi-Cola Lottery Sweepstakes Contest and light rr. (RA-MA)

****WIBA**** WI, Madison, 2/17 TEST tried but not heard. Only WLCB/CROY. (RA-MA)

+ 2/17 DX not tried due to powerful AN local WCAK. (TRS-NJ)

+ In reasonably well on their DX 2/17 twixt 0403-25. (ELK-OH)

1340 **WLOK** TN, Memphis, 2/24 0300-0315 w/rr squeezed through usual graveyard mess. (LVF-FL)

WKRM TN, Columbia at 1915 2/3 o/WRM w/ID jingle. (FDP-OH)

KLID MO, Poplar Bluff at 0700 2/14 o/WRM w/wx & ID. (FDP-OH)

1350 **WSLR** OH, Akron atop 0400 2/17 w/ID and c&w mx. Often hrd mornings. (PRM-NJ)

1360 ****WLBK**** IL, De Kalb, 2/13 DX TEST fair/good o/u/WCHL w/instrumental Mor & IDs, 0310 & 0321. (SF-TN)

1370 **KAPB** LA, Marksville fair o/WSED at s/off w/"Dixie" 1900 2/10. (SF-TN)

WDXE TN, Lawrenceburg at 1800 1/20 w/s/off. Poor Copy. (FDP-OH)

1400 ****WGIL**** IL, Galesburg, 2/10 on DX, two partial code IDs taped at 0134:52 - 0135:20 and 0152:15-38. Second ended by spelling out "...I L L I N O I S" but call (if any) ahead, not discernable. Tried phones, no answer. Verie rcvd 2/18. (TRS-NJ)

WRDO ME, Augusta, 2/10, call floated to top of jumble 0119 but rest of programming not readable. New England very difficult for me and this has to be one of better GY catches. Taped. (TRS-NJ)

WKWK WV, Wheeling, 2/10, Valentine contest promo noted 0112 atop freq w/SID, good level. Taped. (TRS-NJ)

WOND NJ, Pleasantville logged w/yet another ET-TT 2/24 0008-17. (ELK-OH)

1410 **WGMT** TN, Martin at 1800 1/27 s/off, w/WING nulled. (FDP-OH)

1480 **WJLE** TN, Smithville at 0700 2/10 s/on w/NA. Local WCIN nulled. (FDP-OH)

KTHS AR, Berryville at 1845 2/3 s/off w/NA. Local WCIN nulled. (FDP-OH)

1490 **WFOR** ME, Portland atop w/ID 0025 2/17 then faded, but unn. (PRM-NJ)

1500 ****WBFN**** MS, Quitman, 2/17 DX noted from 0400 w/best ID circa 0404, announcing ET. Splash from WBCB-1490 on peaks of music, best when latter talking. Fair signal when WBCB quieted down. (TRS-NJ)

+ 2/17, 0400-0420 tune out. TEST hrd with fair signal, no QRM but periods of QRM

March 15, 1975

during reception. Numerous voice IDs & 1 kHz TT w/some MoR. (RA-MA)
1510 *KMSD* SD, Milbank was logged 2/24 0212-25 w/Xmtr and ET. This "newie" easily overrode CJRS QRM w/c&w. According to all maps I've seen this is spelled w/only one "l".(ELK-CH)
WPUT NY, Brewster, 2/10 0200 s/on bombed in here following WLAC s/off and just ahead of WMEX s/on for ET. Very good signals despite WMEX OC, as would be expected at this close range. (TRS-NJ)
+ 2/10 DX TEST generally good o/CJRS w/rr & plenty of IDs 0200-0233. (SF-TN)
+ 2/10 DX TEST exc. on 895 w, hrd u/CJRS on 50w, once readable on 4.2w 0226-0300. MoR mx and long IDs. One of closest unheards. (PRM-NJ)
1540 KXEL IA, Waterloo on 1/31 0648 hrd John Wayne reciting the Pledge of Allegiance, slogan "Country Giant". Good 'till 0700, when another station came on. (CH-FL)
WYRD NY, East Syracuse, "deird radio" fair o/u/KXEL/unID SSS at 0700 s/on 2/3. No anthem heard. (SF-TN)
1550 WOKI TN, Oak Ridge at 1900 2/14 s/off w/FR "100" plug. Said Oak ridge's only 24 hour stn. (FDP-OH)
1570 WQHC GA, Clayton at 0600 2/14 s/on giving their location as Hwy 441, ??? mi. So. of Clayton. Hrd o/SSB of other station signing on in background, quickly lost in mess. (CH-FL)
WFLC MA, Beverly DX TEST 1/6 finally IDed courtesy of local ham who picked several code "W K L O"s off my 0203 tape; mostly atop XERF/CKLM, but no voice IDs hrd.(SF-TN)
1580 WAKR IN, Washington, 2/17 0300-0330. Band mx, with ID every 2-3 min. wonder how many thought this to be WCRV, Washington NY DX Test? No sign of WCRV. (FAW-PA)
WEXX AL, Talladega, 1/25 1800 s/off. Caught the end of their s/off long time ago; finally heard the whole thing. (CH-FL)
WDRF FL, Fort Lauderdale in nicely 2/17 on ET-TT 0207-16. Frequent IDs which sounded pre-taped. S-1 QRM (WCLB?) but hvy co-channel QRM from WAKR. (ELK-OH)
+ 2/17 s/on 0115 w/ID, into ET-1kHz TT with fair sig strength on LW, but CKLM really beating adjacent channels this a.m.(TRS-NJ)
+ 2/17, 0000-0600 test, ID every 3 to 4 min. QRM from WAKR. (FAW-PA)
+ 0035 2/17 TT w/voice IDs every 3 1/2 minutes approx. very good reception w/slight QRM de Radio Pacifico, Mexico. Some QRG.(DHE-PA)
+ 2/17 ET-TT 0159-0215, still there 0315 w/ long ID. Good sig, only CKLM slop.(PRM-NJ)
+ 2/17 ET-TT & complete voice IDs most of AM "conducting a test transmission during the experimental hours of Midnight to 6AM Local Standard Time." (RA-MA)
+ 2/24 0317-0345 t/out. Again ETing w/TT & complete voice IDs. Good sig, no QRM.(RA-MA)
WCRV NJ, Washington 2/17 0300-0315 t/out, sked TEST not hrd, apparently not on. (RA-MA)
+ 2/17 DX not tried (a local). (TRS-NJ)
+ Prob. not on DX TEST since they've been hrd at SSS here. (PRM-NJ)
1590 **WAUB** NY, Auburn, 2/24 0203-0228. I think this was them on WRC TEST w/varying TT & code IDs. No voice announcements or music heard due to severe QRM from WJCE ET & WAKR. Tentative report sent. (RA-MA)
WAKR OH, Akron good 2/17 w/rr and Holland Tires spot. 0305-14. Often hrd on AMs with others off. (PRM-NJ)
WLFV GA, Lafayette, 1/31 0600 calls hrd under mess, nothing else. Think they were the stn that just signed on. (CH-FL)

PER THE LIST:

710 WAPA MS, Eupora fair u/WCR w/unlisted r/c 0245-50 1/24. DT (dial tone?...mm) w/IDs every minute. (SF-TN)
790 WFGC ND, Fargo weak but readable u/WAXY teletalk w/long ID at end of r/c-TT 0245 2/10.(SF-TN)
980 WROH MS, Starkville fair o/WJCE w/unlisted r/c 0330-45 2/6; DT w/IDs every couple of minutes. (SF-TN)
1370 WPAZ PA, Pottstown fair u/WSPD w/unlisted r/c-TT 0104 t/in to 0113 s/off w/no ID. quick "WPAZ, Pottstown PA" at 0107. (SF-TN)

1450 WNSC SC, Hartsville in vy well 2/24 w/TT-FC 0054-0101 1/2 s/off. (ELK-CH)
1470 WJDY MD, Salisbury noted w/TT-FC 2/24 0017-29. (ELK-CH)
1550 WOCR IL, Urbana, 2/24 r/c heard for 1st time w/ good signal alone on freq....1kHz TT and voice ID @ beginning & end of check 0300-0316. (RA-MA)
??
UNIDENTIFIED:

560Station w/promo for pgm "Carolina report" at 10:00 (AM or PM???) Sundays. 2355 2/21. Either WGAJ or WIS, most likely, probably WIS. Comments please if you have any ideas on it. (DHE-PA)
790who, w/1000 Hz IT u/WBAN/WBEM 2/10 from 0350--0400. (PAI-NJ)
980/90...Bible show on XM 2/10, w/talk and rock 0307-0344, no ID hrd. This w/WANC?/WINS. (PRM-NJ)
1490....Soul mx after WFOR fade 2/17 w/black DJ 0027-34, maybe WUSS on NSP and new calls? (PRM-NJ)
??
BRUGHT TO YOU THIS WEEK BY:
(TRS)-Tom Sundstrom/Williamsboro NJ/HQ-150 w/SS-620; SR-4; SM-2; 2 Lws; 1 CB omni
(ELK)-Ed Krejny/Aiddleburg Hts OH/
(LVF)-Larry Fleckle/Tampa FL/A-389/JAA w/SK-2
(FAW)-Frank Wheeler/Erie PA/S-40B & 200' LJ
(SF)-Stephen Francis/Alcoa TN/realistic TSP w/internal loop
(FDP)-Fred Prechtl/Cincinnati OH/
(Ch)-Charles Heffelfinger/Tampa FL/Zenith Trans-Oceanic w/ internal ant.
(RA)-Ray Arruda/W. Dartmouth MA/SK-122 & SM-1
(DHE)-Don Moore/Milesburg PA/ACR-30 & 60' LW
(FAW)-Paul Mount/Teaneck NJ/Panasonic HQ-446S

Really great job this week! First let me say I'm sorry for no EDXR last week due to illness. Never fear, as I have combined last weeks reports (all 4) with this weeks, and printed ALL material I had.
To IRCA, Happy anniversary and many more to come! As I didn't get a chance to write a forum report, I'll give my annual re-intro: I'm 27 years old, have been DXing on and off since 1964. My rx is a realistic DX-120 with a SK-2. I'm employed at the National Gypsum Wallboard plant in Lorain, in the warehouse. And, for all the eligible YLs, I'm single....hi! Hope all of you, and the IRCA, have a very good year ahead! FJP and SDPC, a very sincere "Job well done", for without you, the members wouldn't be reading these words of wit....hi! Until next week, 73 to all, and to all....good DX!

KWJJD PORTLAND OREGON U.S.A.
CONFIRMS YOUR RECEPTION OF
September 14, 19 70
AT 1:22 - 1:29:30 AM P. ST.
50,000 watts L.S. 10,000 watts night. 1080 KC.
By Jeannine Padgley Traffic Department

CBC
GRAND FALLS, NEWFOUNDLAND
THE CANADIAN BROADCASTING CORPORATION
is pleased to verify your reception on February 1, 19 67
of its transmission from 7.30 am NST
Station C B T Frequency 540 Kcs. Power 10 Kw.
The station is on the CBC Radio Network
Per J.J. Maloney
Date February 10, 1967

central dx roundup

Reports go to Jim Pogue, Box 972
Lafayette, IN 47902

I am sorry if anyone was misled last week; Jim has not announced where he wants the mail sent yet, but I assume it is to the P.O.Box.

THE HAT TIPPED THIS WEEK TO:

- GG - GEORGE GREEN, 10502 Bob White Drive, Houston, TX 77035 (Soundesign 5-band and Astronaut-6) (Welcome. I'm sure Jim will be glad to get your reports. In the future please put initials after items-JCK)
- RFK - RALPH KEMPER, 297 - 27 3/8 Rd., Grand Junction, CO 81501 (Norelco portable)
- DP - DAVID PETERSON, 80C Humboldt Ave., Winnetka, IL 60093 (old Zenith table rx, built-in loop)
- JCK - Editor, me, Charley (XCR-30, loopstick)

- 880 WRPD OH, Columbus-Worthington, not DX, but promos as "The Best Music in Columbus," both locations given in IDs, this 1700 3/2, probably multiple license
- 890 WLS IL, Chicago, 1230 1/29, poor reception, could hardly make out (GG)
- 90C *WEAS GA, Savannah 3/3 1252-0111, testing with religious songs, phonetic IDs Whiskey-Echo-Alpha-Sierra, exlnt(JCK)
- 910 KRRV TX, Sherman 1905 1/28, fair to exlnt with excess fading. Having info about Sherman High (GG)
- 93C WBEN NY, Buffalo 3/2 1824, on top briefly w/ID and Wx for western NY, on a full daytime path, WBCK/WHON nulled (JCK)
- 940 KIOA IA, Des Moines superbest noted off C321 3/3. Only a weak southerner on the channel, probably WYLD. Now that KGRL no longer has a f/c, KIOA decides to go off, nice of them (JCK)
- 1020 KGBS CA, Los Angeles noted w/C&W pgm(something new for them?) and ID 0045 3/3. KDKA had OC on (JCK)
- KSWS NE, Roswell 1/28 1917, fair to good, KSWS fades out, KDKA fades in. Having a message about the energy crisis (GG)
- 1130 *KXSI IA, Mount Pleasant 0348 2/10, tearing up CKWX w/ID and fight songs, poor signal prior to 0345 (RFK)
- 1170 KSTT IA, Davenport 2/10 0356, rather weak o/WVA, u/KV00 OC w/ID, R&R (RFK)
- 1160 WJJD IL, Chicago 1/29 1630, fair, "having the news and sports with WJJD!" (GG)
- 1240 *KWCL ID, McCall, testing w/TT, voice and code IDs, ended 0329 2/3 (RFK)
- 1290 KOIL NE, Omaha 1/28 1845, in background of KTRN (GG)
- 1300 WAAC IN, Terre Haute s/off 1959 3/1, in mess, no SSB hrd (JCK)
- WMAK TN, Nashville 2/24 0300, bombing in with end of Nx and contest promo, then into rock. Don't know why I never had 'em before (DF)
- *WKCY VA, Harrisonburg, good signal on ET with half an hour of C&W Mx, then ID at 0300 2/24 (DP)
- 1320 WCLU KY, Covington 3/4 0605 w/promo for sports show, not hrd here before (JCK)
- 1360 KGB CA, San Diego 0310 2/17, fair w/ID, R&R. UnID intermittent TTer on. NSP pest KRUX off for first time in memory
- 1420 WPLY WI, Plymouth 2/22 1815, poor in horrendous WVVX/WRMN slop with s/off (DP)
- 1440 KEWI KS, Topeka 1/29 2000, poor, received in the confusion of this frequency (GG)
- KDMT TX, Denton noted 1910 2/2 w/SID and C&W, good till 1915 pwr/ptn change (RFK)
- 1450 KFIZ WI, Fond du Lac 2/22 1817, poor in mess with IB (DP)
- 1470 *KNDE CA, Sacramento, 0346 2/17, testing with R&R, strong signal (RFK)

- *UnID, a tester hrd here 0213-37 3/3 probably not KAZM-AZ, altho looped right. This would be before test period if AZ is on MST, same as PDT. Another UnID testing at same time, looping SE, much weaker. No chance at any IDs due to WOHO, CHOW and rest of mess (JCK)
- 1550 *WVNTN MA, Newton testing w/upbeat MoR 0403 3/3, ID and off 0415, superb signal (JCK)
- WOKJ MS, Jackson s/off 0203 2/28, o-o Tri-Cities B'casting, inv. to WJMI-FM, no SSB
- 1580 *WPUV VA, Pulaski exlnt 2/26 0147 on Pop test, varying tones, annmct and off 0204 (JCK)
- 1590 *WAUB NY, Auburn 2/24 0205, on DX, poor u/WAKR with code ID "WAUB" (DP)
- 1600 CHNR ONT, Simcoe 2/21 0005, fair u/WWRL with hockey scores. New stn (DP)

Sorry there's not much of a column this week, but I guess the editorial transfer caused a lot of reporters to hold back. Next week's column will probably be my last. I hope that Jim has plenty of support for his first issue, and that IRCA will have a hundred more happy anniversaries, and that every member finds all the stations off the air except the ones he wants to hear. Can't really add much to that, so 73 - - - - - Charley

Membership Committee

The purpose of this report is to acquaint IRCA members with the Membership Committee and how it functions.

There are, presently, four members of the committee. Each has a separate section of the continent to work with - Albert Lobel is handling the Southwest, Hal Christianson is handling Canada, Jim Pogue the Midwest, and I try to take care of the rest.

We contact, usually through the mail, people who have expressed interest in IRCA and those who have sent reception reports to different radio stations. We are also starting a program of contacting members who do not renew their memberships, inquiring into their reasons for dropping out.

In response to recent Forum reports, I might point out the following reasons members have failed to renew.

- a) No longer interested in BCB DX. This is probably the major reason and correspondence with other clubs confirm this to be their number one reason.
- b) Lack of money. This seems to be more applicable to the younger members.
- c) Dissatisfaction with the club. Every club loses members because it doesn't live up to their standards in one way or another. In IRCA's case, there has been some negative reaction to the format of the bulletin.

I have explained these reactions to FJP and should the SDPC find the comments and criticisms to be well founded, I am sure you will see appropriate changes in DXM.

I must add that I have not found a case where the Second Class Mail experiment led to a loss in membership. I think the past membership realizes it was an honest attempt on the part of the SDPC to save them money.

To summarize; the committee is alive, it is working, but it needs more help from you, the membership. There are two ways you can be of service: by volunteering to handle or to assist in handling the area in which you live and by supplying the committee with the names of possible members. The best way to get such names is to contact your local stations and ask them for the names of persons who have sent in reception reports. It is usually best to contact the station's GE.

As FJP noted, if you help the committee, you are actually helping yourself by keeping membership dues down.

Submitted by Mel Hickman, Chairman, 7409 S.E. 82nd, Portland, OR 97266.



NANCY HARDY, Editor

2301 PACIFIC AVE.
ABERDEEN, WA 98520

western dx roundup

March 15, 1975

Deadlines: March 19, April 2, April 16, April 30

Reporters for this anniversary issue are:

- (EC) Erland Carlson-RR 1 Camp Rd.-Winfield, EC
York AM-FM clock radio
- (JEC) James E. Critchett-1103 North St.-Yreka, CA
Drake SPR-4, 2' FET ECB loop
- (DJF) Derek Ford-4B-1385 West 15th Ave.-Vancouver,
Eddystone 830/2, 50' longwire BC
- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA
Lafayette HE-30, SM-1
- (EL) Eldon Luoma-10653-137A St.-Surrey, BC
Sears AM-FM 1222
- (RW) Randy Markwell-309 Rainier-Ellensburg, WA
Halli Crafters S-120, 30' longwire
- (JFO) Jon Orren-529 N.E. 83rd St.-Seattle, WA
Halli Crafters S-120, SM-1
(JFO*) indicates DX using HC-180, SM-1
- (bp) Bruce Portzer-7021 Sand Point Way N.E. #215-
Seattle, WA
HC-180A, SM-2
- (MW) Mike Worst-4618 Fremont N. #104-Seattle, WA
Collins 5LJ-4, Sanserino loop,
McKay Dymek DA3

- 540 KWIP SA, Redding 2/24 1005-1039 weak but
clear w/gospel mx. (EC-EC)
- 540 KDLT UT, Delta fair w/JRW 0940 2/6 w/JBK
nulled. (bp-WA)
- 620 KIPA HI, Hilo 2/17 0400 fair w/progressive
rock w/KGW nulled. (bp-WA)
- 630 KHOW CO, Denver 3/3 0625 good, no JRM w/song
by Billy Preston. (RM-WA)
- 660 KBYK TX, Dallas 2/17 0726 clear KBYK IDs &
PSA for crime prevention mentioning
Exchange Club of America. Slight JRM
from KOWH. (JFC*-WA)
- 710 KERE CO, Denver 2/24 0425 w/JRW, finally
found out what the mysterious JRW
station was. (RM-WA) 2/24 0425 fair/
good, alone w/JRW. (bp-WA)
- 730 KLMK NE, Dauphin 2/17 0740 EC, ID heard
loud in 2KLG null, JRW or MOR format.
- 740 KTRH TX, Houston 3/3 0455 finally (JFO*)
hrd ID thru static, then fade out and
came back w/JBS nx & local nx till
0530, good, finally got something be-
sides KCBS, JBX at night. (RM-WA)
- 750 KHWJ NE, Grand Island 3/2 0310 w/"Outdoor
Nebraska" ending, good, no JRM. (RM)
- 750 WSB GA, Atlanta 2/5 0315-0345 fair, MOR
mx, always 2 selections back to back,
wiped out at 0346 by KLB ET. (DJF-BJ)
- 770 WABC NY, New York 3/3 0630 w/mx very good
u/MOB. Anybody know MOB's JP? Used to
be Mr. 0300. (RM-WA) (Don't know of any
SP for MOB.-RM)
- 870 KIEV CA, Glendale 2/11 0930 poor, alone;
spot for State Employment Agency, then
religion. (DJF-BJ)
- 910 KALL UT, Salt Lake City dominant 0233-0255
1/24 w/local KIKI in a hairline null.
Mostly uptempo MOR, also had the "old
Weird Weather Forecaster" at 0251.(bp)
- 920 KVEC CA, San Luis Obispo 2/13 2030-2045 fair
o/2 Unid. Evening News Watch; cut out
w/power reduction 2045. Again on 2/18
2128-2145, big surprise-good & alone
K3AL, KMLY, K6LO, KXWL all missing!
Hx, jingle "K-V-E-3 radio 92", into
light rock mx. (DJF-BJ)
- 920 K0LO NV, Reno 3/2 0730 w/nx & wx, good w/no
JRM. (RM-WA)
- 940 KERE UT, Cedar City 3/4 2130-2145 vocals,
s/off SSB 2145. KJR-950 nulled, CJIB
weakly dominated freq after s/off. (MW)
- 950 KIRM CO, Denver good 0533 2/24 w/bgm of
classical mx from Denver Public Schools
KJR & KEGM off. (bp-WA)
- 1010 KICI CA, San Francisco good w/s/off 2045
2/14. Had theme from "2001" played by
what sounded like a Grade School
orchestra warming up. (bp-WA)
- 1010 KCHJ CA, Delano 2/10 2020-2045 fair to
excellent w/EL/Big Band mx. (EC-EC)

- 1010 WINS NY, New York 3/3 0545 "This is your
News station, WINS, New York" 5th NY
City station, good. (RM-WA)
- 1050 KCFY CA, San Mateo fair to good w/KORE 2/10
2039-2045, then alone till s/off 2059.
All SS except s/off in EE. Many IDs as
"coffee". New. (EC-BJ) 2/18 2057-2100
fair o/RED, SS then EE s/off no anthem
distinctive mx prior to s/off. Q: Why
does KCFY often go off 15 min. after
other central & S. Californians?
(That's a good question.-RM)
- 1070 WFAZ FL, Victoria ID 0424, no JRM. (JBS-JA)
- 1080 KBCO CA, Santa Cruz 2/15 2038-2045 fair w/
WFAZ, KING sloop; nx, very long wx fore-
cast, sports; gone at power cut 2045.
- 1080 KXJJ OR, Portland 2/20 0430-0509 (DJF)
good signal w/slight KRLD JRM, JRW
mx and jingle ID "Your home in the
country K-W-J-J" (male & female jingles
hi) (SL-BJ)
- 1080 KRIA AB, Lloydminster in early w/JRW 2/8
1703-1720. Steady sig to fade out. (BJ)
- 1150 KII3 CA, Los Angeles 2/24 0425 talk & ID.
Weak, mixed w/Mexican & MDEF & possibly
others. KAYO off for 2nd JRM in row. (JFO)
- 1150 KBEF NE, Albuquerque 2/24 0502 wx & ID. (JFO)
Fair o/u KII3/Mexican 2/23 0347 appeared
to be mostly TV & movie themes. KAYO
off. (bp-WA)
- 1150 GKIQ BC, Kelowna 1/30EL/31 0955-1030 fair w/
usually dominant KAYO, O&W mx, "I-C
News", "Country Weather", more JRW-
tough to follow w/JRW on KAYO too. (DJF)
- 1170 KCBQ CA, San Diego 2/12 1940 poor w/rr. (RM)
- 1240 KLEN OR, Roseburg 2/19 0115 "The Morning
After", poor. (RM-WA)
- 1240 KGY WA, Olympia 2/11 1015 excellent to
good w/information, spots, wx, etc...
little mx between 1000-1030. (EL-EC)
- 1240 *KTHE* NY, Thermopolis booming in on JX test
0300-0323 2/24 w/TT & IDs every 3 min.
(bp-WA) DX test hrd 2/24 0312-0326
w/TT & several annets, IDs, 0320 annct
leaving air. Unid JBB 0315, who? (JFO)
2/24 0300 w/maintenance check, frequent
IDs, good. (RM-WA) 2/24 0300-0323
poor-good mixing w/KRCY & someone play-
ing classical mx. (EC-EC)
- 1250 WREK KS, Topeka 2/24 0229 nx & wx at 0230,
good. (RM-WA)
- 1250 JFCW SK, Saskatoon 2/9 0507-0532 good, alone
no KTW, heavy rock, frequent "J-L-O-W
12-50" jingles, nx at 0525. (DJF-BJ)
- 1270 *KQVL* WA, Colville 2/11 0430 testing "This
is KQVL on the air for testing purposes"
then loud uptempo orchestra mx. hrd
till 0454 w/OJ for some periods. Moder-
ate JRM from SHWK, but surprising on
top most of the time. (EL-BJ)
- 1310 WRR TX, Dallas 2/24 0600 ID good. (RM-WA)
- 1320 KOLT NE, Scottsbluff 2/28 0735 w/wx, J&W
mx, fair. (RM-WA)
- 1330 KFW KS, Wichita 2/17 0732 w/wx. New state.
Good. (RM-WA)
- 1330 KQVE NY, Lander 2/17 0306 CBS nx, singing
ID gave call, freq, location. Into
"Blessings from the Bible" meat.
Mountain View Baptist Church in Lander.
- 1340 KBEW NV, Reno 2/14 2059 ID network (JFC*)
nx at 2100 sounded like Amer. Infor-
mation nx, good. (RM-WA)
- 1350 KRAZ IA, Des Moines faded in o/ETJ a few
sec. after ETJ w/loud ID of station
promo 0344- 2/17. (JFC*-WA) 3/3 0443
w/mx, frequent IDs, good. (RM-WA)
- 1350 *KTRJ* TX, Jasper r/c hrd w/1 khz ET. Had to
phone station to get break in TT for
ID 0644 2/17. (JFC*-WA)
- 1360 KRUX AZ, Glendale 2/14 2107 w/mx, first time
hrd since trip to AZ in '73. Poor. (RM)
- 1360 KBCJ IA, Sioux City 2/17 0634 wx. (RM)
- 1370 WFDK GA, Manchester 2/24 0624 rr. Where were
the close stations? The farthest I've
gotten on 1000 w. Good. (RM-WA)
- 1380 *KZUL* AZ, Parker not hrd either 0300 or
0400 for DX. (JBS-JA)
- 1380 KKEZ CA, Lancaster 2/7 2028 brief s/off
w/invitation to tune to KOTL FM,
u/RRKO. (bp-WA)

- 1390 KCRS OK, Enid 2/24 0552 w/complete ID poor, surfaced briefly. (RM-WA)
- 1390 KHLW UT, Logan 3/1 0255 w/wx and s/off 0300, good w/ KBBO QRM. (RM-WA)
- 1400 KARR MT, Great Falls 2/25 2100 excellent w/ID & NBC nx o/everything. (EC-BJ)
- 1420 KYNG OR, Joos Bay 2/24 1023-27 rr and KYNG nx at 1026, fair, mixing w/KUJ.(EC-BC)
- 1430 *KJAY* CA, Sacramento 1/26 0554 good w/ET OC.
- 1430 *KLO* UT, Ogden 2/24 0332-36 in (bp) strong & on top w/rr, ID, then off.
- 1430 KCLK WA, Clarkston 1936-56 2/1 w/C&W(EC) good, o/usual KBR3/KGAY/KLO. (EC-BC)
- 1430 CKFH ON, Toronto 3/2 0615 w/nx & wx, rr.
- 1440 WHHY AL, Montgomery 2/24 0505 rr (RM) good-fair, enough info for QSL, new state. (RM-WA)
- 1440 CJOI AB, Wetaskiwin 2/21 0300 s/off good.
- 1450 KGMV MT, Missoula 2/17 0700 w/UPI (RM) World Nx, good. 2nd MT in two weeks on 1370. (RM-WA)
- 1470 *KAZM* AZ, Sedona on top 0300-0400 3/3 on DX test. (JEC-CA)
- 1470 JFRW NE, Winnipeg 2/17 0717 dominant o/GY mess w/wx, spot for Southman Chev. ID. (JFO*-WA) 3/3 0428 w/song by Grand Funk, good. (RM-WA)
- 1480 *KLEO* KS, Wichita 2/24 0415 w/ET good.(RM)
- 1480 KGCK MT, Sidney 3/4 2345 wx rot. QRM from KRED, KYOS. (MW-WA)
- 1480 KLMS NE, Lincoln 2/17 0600 s/on ment. call, location in mess. Many IDs. (JFO*-WA)
- 1490 *KVAC* WA, Forks 3/3 0319-0321 r/c seems to be back to last year's time once again.
- 1550 KGAR WA, Vancouver in good w/rr (EH) mixing a bit w/KOQT w/u/KRHI/KRGO 2/24 2018-2025. (EC-BC)
- 1560 KKAA SD, Aberdeen 2/5 0413-0437 fair w/CHUB slop, C&W mx, IDs as "K-K-double-A" and "The big 15-60". (DJF-BC) 2/17 0700 s/on w/"KKAA, 1560 khz now begins it's broadcast day" and into CBS nx. (JFO*)
- 1560 KDFL WA, Sumner 2/5 1900-1930 good, vintage radio w/old-time MOR. Many instrumentals. S/off anct. "KDFL owned by Valley Communicators, Inc. w/studio/xmtr located 1 mi. outside city limits. Will return to the air at 7am"..(EL-BC)
- 1570 KCVR CA, Lodi 2/5 2043 SS & EE management anct then s/off w/mention of KWIN-FM. Average, CHUB nulled. (EL-BC)
- 1580 *KWIP* CA, Merced 1/20 0317-0320 fair on ET, TT, voice ID, off. (DJF-BC) 2/10 2030 Mutual News, spot for Blueberry Hills Cafe grand opening, C&W mx. (EL-BC)
- 1580 KLOU LA, Lake Charles 2/17 0553 w/nx, wx, ID, little QRM-much noise, but no static. (JFO*-WA)
- 1590 KPRT MO, Kansas City 2/17 0700 s/on w/SSE mention of KPRT. (JFO*-WA)
- 1590 KTEL OR, Tillamook 3/5 2100 w/KUUU partly nulled, coming in strong like they belonged here, Ae nx, then wx. (MW-WA)
- 1600 KUBA CA, Yuba City good-excellent w/some KUUU-1590 slop w/ABC nx and C&W 2126-2141 2/24. Now have FM-all IDs referred to both KUBA-16 & KHEX (FM 104).
- 1600 KLAC CO, Lakewood 2/17 1955 w/ (EC) local nx, fair u/KASH. (RM-WA)
- 1600 *KYAL* TX, McKinney-Plano 2/17 0658 r/c w/ strong TT o/KLAC w/faint but readable ID. (JFO*-WA)

February r/c's heard:

- 4th FRI KSIW-1450 OK (RM-WA)
KGAK-1330 NM (JEC-CA)

March r/c's heard:

- 1st MM KGHL-790 MT (RM-WA)
KOVE-1330 WY (RM-WA)
KVAC-1490 WA (RM-WA) (JEC-CA)
KCUZ-1490 AZ (JEC-CA)
KVSL-1450 AZ (JEC-CA)
- 1st SAT KZUL-1380 AZ (JEC-CA)

The anniversary issue of DXM is a time for re-introducing ourselves, so here goes. I'm 22 years old (I'll not tell you the last number, hi) and married to Special Features Editor Bill Hardy. I'm employed at KGHQ AM-FM in Hoquiam, WA. I've

been a BJB DX'er for nearly 64 years and am currently serving on the IRCA Board of Directors. Happy Anniversary, IRCA!

*** **NEW MEMBERS** ***

Stanley B. Jones, 403 Wayne Ave., Crawfordsville, IN 47933.
Ronald J. Mackee, 9 Tamath Crescent, Vancouver, BC, Canada
V6N 209

Address changes

Jack Charlton, 3810 Greenbriar Dr., Hoise, ID 83705
David Gleason, Metro Broadcasting Corp., El Monte Mall,
Rato Rey, PR 00918
Geoffrey J. Fox, 606 Cooper Landing Road B-612, Cherry Hill,
NJ 08034
David Shapiro, P.O. Box 1048, Des Moines, IA 50311
Michael W. Guerin, 1348 N. Grove Ave., Upland, CA 91786
Arnold Getzelmann, 12831 112th Ave., Youngtown, AZ 85363
Eileen M. Markmann, 100 Tomlinson Rd., Philadelphia, PA 19116

Another one left off the list

Leslie Wood, 1463 Tadmor Rd., North Merrick, L.I., NY 11566

U.S. weighs cutbacks at WWV and WWVH

In response to Government efforts to reduce operating costs and to conserve energy, the National Bureau of Standard is considering alternatives to operating radio stations WWV and WWVH.

The stations have provided standard-frequency and time-signal broadcasts to many users for decades. Station WWV is at Fort Collins, CO, and WWVH near Kekaha, Kauai, HI.

The bureau is asking listeners to these stations to provide information via questionnaire to "help set priorities and guide decision-making processes."

Last year a 50% reduction in power output at 5, 10 and 15 MHz was proposed by the bureau for WWVH. According to James Barnes, chief of the bureau's Time and Frequency Services Section. "We received so many objections to the proposal that we have decided to explore other possible means of cost and energy reductions."

Examples of possible changes, Barnes says, include eliminating some broadcast frequencies from WWV and WWVH or reducing transmitted power on some frequencies.

Users of these stations can get a postage-paid questionnaire by writing to the National Bureau of Standards, Time and Frequency Services Section, Boulder, CO, 80302. The deadline for returning the questionnaires is May 1.

ELECTRONIC DESIGN 5, March 1, 1975

via Bruce Portzer



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KFAC

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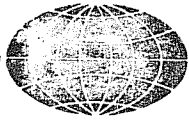


KFAC

**LOS ANGELES
1330 AM/92.3 FM**

DX

Worldwide



BRUCE PORTZER, Editor

Deadline Thursday All times GMT

March 15, 1975

7021 Sand Point Way N.E., #215, Seattle, WA 98115
Phone (206) 522-2521, evenings before 2300 PDT

Greetings and Salutations. Time once more for another edition of DX Worldwide and another year of IIRGA. Happy anniversary, club, and may many more follow!

PACIFIC DX ROUNDUP

- 544 UNID TP looping south of Japan 1135 3/3. Carrier only, measured 543.996. Hong Kong? (Peterson, California)
590 HAWAII, Honolulu, KGMB, 0605 3/3. Not too sure of this one hrd u/CW. Just hrd what I thought may have been the call letters "KGMB." A very tentative rpt is out to this one. Not much s/lop from KOGO-600 (Lobel, CA)
650 HAWAII, Honolulu, KORL w/pgm on Hawaii & health 0635 3/3 PEF ancrs talking about Hawaii being a very healthy place to live. Pgm preceded by ID (Lobel, Calif.) --- 2/7 0919-1011 poor o/WSM on a night when NA easterners were good. Live basketball until 1000, then talk show. Frequent IDs during breaks in ballgame (Ford, BC)
720 HAWAII, Eleele, KUALI. 2/20, 0950-1000 poor w/KIRO s/lop but local CKLG off until after 1000. CBS mystery theatre, spots for Skyhawk cars, Marine Corps, s/off anmt, no anthem (Ford, B.C.)

PAN AMERICAN DX ROUNDUP

- 535 GRENADA, R. Grenada noted here nightly as an OC, but never any detectable audio. Carrier very strong 2/26 0900 & DF was right for Grenada (Schatz, Florida)
540 MEXICO, San Luis Potosi, S.L.P., XEWA in like a local w/many ads for "Banco de Mexico". Were telling here in the world branches of the bank are located. Nk 0400, first hrd from 0355 2/28. May have been YNOW hrd underneath at 0405 very faintly (Lobel, Calif.)
590 CUBA, La Habana, CMW hrd here 3/3 at 0600 w/many IDs. Not much s/lop from local KOGO-600. May have hrd KGMB here briefly, see TP section. (Lobel, Calif.)
600 COLOMBIA, Barranquilla, HJHJ good o/Guban, s/opped onto WIP w/SS mx & singing 2/14 0500-0541. Several R. Libertad mentions, TCs, woodpecker sounds. Full ID w/calls, QTH, freq & power 0531 (Mount, New Jersey)
605 CUBA, Trinidad, mention of R. Rebelde, Cadena Nacional. Pgm was entitled "Concierto del Domingo" 0200 2/23.
655 EL SALVADOR, San Salvador, YSS, R. Nacional playing cl mx 0250 2/23. QRM from WSB-650 (WSM-bp) & XERP-660. Listened for about an hour, hrd ID "transmite R. Nacional de El Salvador, San Salvador." (Quiroz, Texas, last two)
660 COLOMBIA, HJJM w/many "R. Uno" IDs after each song. Hrd 3/3 0645. Played U.S. pop mx, also some rr mx. Very clear ID w/freq 0705. Their ID sounds a bit funny; almost an outer space type sound (i.e., the type of sound you'd expect on Star Trek). Dominant w/no sign of any other stations. (Lobel, CA) (Hate to tell you this AL, but this was XERP, not HJJM. Both have R. Uno IDs, but XERP has rr & weird electronic sounds until s/off around 0800; HJJM is AN & carries easy listening mor. Everyone, please be careful here! Caveat DXor: bp)
660 MEXICO, Mexico, D.F., ID as "R. Uno, Canal de Juventud" playing EE pops "Nothing For Nothing" by Billy Preston 0257 2/23 (Quiroz, Texas)
660 VENEZUELA, Coro, YVNA, booming in 0958 3/3 w/Venezuelan NA sung by chorus. The same propagation rules that apply on domestics worked here as sig suddenly took a nosedive at end of anthem & faded into a mass of hets, tho I managed to pick a weak Ondas de los Medanos ID out of the mess 1000. Faded back in w/Venezuelan harp mx 1002. (Portzer, Wash.)
670 CUBA, Holguin, CMKP in fair w/no WNEC s/lop on aural AM 2726 w/Habana mention 0430 (Mount, N.J.)
670 VENEZUELA, Caracas, YVLL, hrd mention of R. Rumbos, playing inst mx, QRM from WMAQ & Cuban 0326 2/23 (Quiroz)
675 COSTA RICA, San Jose, ID was "Aqui en Costa Rica esta es R. Sonora." Stn kept fading, playing SS mx, gave out phone number 0333 2/23 (Quiroz, Texas)
680 COLOMBIA, R. Ligusora fair-good between Cubans 2/26 w/ lively SS mx 0352-0410, then chimes 0410, man read s/off mentioning R. Ligusora (or Iiquisora/can't read your writing Paul) - bp) & Colombia, then NA (Mount, N.J.) (Can't find this in any of my logs, Paul, U sure it's not R. Nacional? Tape requested if possible - bp)
720 CUBA, CHGN probably the SS stn hrd u/WGN 0720 3/3. Very very faint ID hrd 0730 (Lobel, CA)

- 730 COLOMBIA, Bogota, HJCU, R. Melodia suspected 2/20 0939-951 w/local pest CKLG off temporarily until 1005. ID 0949; some mx (including theme from "The Sting"); much SS talk, mostly male, & ads. Fair o/vry faint unid, moderate fading; 0951 disappeared (Ford, B.C.) (XXX more likely - bp)
730 CUBA, 2/26 man said "desde Habana" 0430, fair-good o/net. Think it was this, are they on 0430 & what is call? (Mount, NJ) (CMKJ, Holguin-bp)
730 MEXICO, Mexico, D.F., KFX in on 3/3 0735 w/many IDs. Male ancr, not much else of anything audible here (Lobel, Calif.)
740 HAITI, Pignon, R. Lumiere, per Richard Clark, likely my strong FF nx 2/23 at local SSS. A disappointment, as I was hoping for Montserrat (Schatz)
750 COLOMBIA, Medellin, HJDK, IV de Antioquia, 0052 2/19 OM nx, ID, QRM de other LA (Moore, PA)
750 NICARAGUA, Managua, YNX, Estacion X. Was able to completely null out WGN (WSB? - bp), jingle by a man & a woman. Playing SS mx 0341 2/23 (Quiroz, Texas)
760 VENEZUELA, Puerto la Cruz, R. PIC ID 0051 2/19 (Moore)
765 EL SALVADOR, San Miguel, commercial for Mundo Electronics. They were having a talk show, same prg was on 770 0359 2/23 (Quiroz, Texas)
800 NETHERLANDS ANTILLES, Bonaire, PJB, TFR 1/20 0900-0930. Someone's pest is another's DX - local CJJC off for FT 0800-1000. PJB boomed in w/antenna switch 0900, into Back to the Bible, faded, then back in w/final ID 0929 before switch to SS. In between, dominated by unid w/ Lutheran Gospel Hour - who? (Ford, BC) (CHAB? bp) --- PJB w/FP pgm & relig mx sung in PP. M/ann. Quite dominant from 0743 3/3 w/S-5 reading on scale of 10. After awhile it sounded like they switched to Hawaiian mx complete w/steel guitar; only sounded that way (Lobel)
810 COLOMBIA, Bogota, HJCY, R. Sutatenza 1/20 0932-1001 good w/almost no fades; s/lop from CJJC TT; mx w/some 5 min spoken segments; 0935 spot for something called "Cuadros Campesinos" & ment of Radiofonica Bogota; frequent IDs as "En R. Sutatenza la hora exacta"/two chimes/time/two chimes (Ford, B.C.)
820 COLOMBIA, Cali, HJED bombing in 0901 2/10 w/calls & R. Hora Sutatenza, then man welcomed listeners, had door beel sound (Mount, N.J.) (You sure you didn't have HJCY-810, HJED is not part of Sutatenza net - bp)
834 BELIZE, Belize, R. Belize, BBC World Service nx, QRM from WOCO-830 0307 2/24. (Quiroz, Texas)
850 UNID SS 2359 12/25, stn IDed as Onda 85. I have logged XSER here before, so this could be the same stn (Quiroz)
930 MONTSERRAT, R. Antillas may be tried for by DXers along the Mexican border 0200-0800 daily during SS pgmning when they beam that way. Owned by the Deutsche Welle, per letter. (Schatz, Fla.)
1000 VENEZUELA, San Cristobal, R. Tachira, 2335 2/18, ranchera mx, ID & QTH at 2340, Banco-Italo Venezolano (sic) ad, on top WCFL for just a few minutes, then fade. Funny, WCFL was barely audible the whole time, even after fade. (Moore, PA)
1000 VIRGIN ISLANDS, Charlotte Amalie, WWI suspected as the SSB 0958 3/3 just before WCFL SSB 1000; faded out before anmt began. No U.S. stn could legally s/on before 1000 GMT & most of those that could s/on 1000 have small PSA pwr (Bytheway, Wash.) (s/on time agrees w/WRTH -bp)
1010 COLOMBIA, Bogota, Emis. Mil Miente, mentions Colombia & "Emisora ..." hrd u/Sutatenza 2348 2/18 (Moore, PA)
1010 COLOMBIA, Barranquilla, R. Sutatenza nx, ID, E' pops 2318 2/18 (Moore, PA) --- good 1015 3/3 w/R. Sutatenza ID's and Doorbell chimes before TC's (Bytheway, WA) --- hrd after tip from Bytheway 1025 3/3, Sutatenza ID w/CFRB mulld (Portzer, Wash.) (Quiroz, Texas)
1015 EL SALVADOR, San Salvador, YSC, R. Internacional, ad for Bank of El Salvador, commentary 0325 2/24
1040 COLOMBIA, Bogota, R. Super 0008 2/19 w/"Super Noticias"
1040 COLOMBIA, Barranquilla, R. Tropical 0008 2/19 on top of Super w/local mx, ID 0020, CARACOL nx (Moore, both)
1045 PANAMA, Las Tablas, Ondas del Canajagua 2357 2/18 local mx, OM/YL talk, mention Panama, very strong for about 5 mins, then rapid fade into oblivion (Moore, PA)
1050 MEXICO, Monterrey, KFG w/SS mx, ancr gave addr. in San Antonio, TX, 3/3 1000 (Lobel, CA)
1080 VENEZUELA, Barcelona, RB, pops, ID 0042 2/19 (Moore, PA)
1120 DOMINICAN REPUBLIC, Sto. Domingo, R. Antillas, lite mx, ID, fair w/QRM of other LA 0044 (date?bp) (Moore, PA)
1135 GUATEMALA, Retalhuleu, Voz del Sur, TQVR, hrd ID after SS mx, could not make out anything else because of QRM from KXKH-1130, 0330 2/24 (Quiroz)
1295 UNID, Lower C.A., R. Plata IDed frequently eve of 2/22 (2/23 GMT). Mentions a repertoire of "129 Exitos". New Station. (Schatz, Florida)
1307 HONDURAS, brief ID noted 2/23 0446 as "R. ... de Honduras en centroamerica". Could be listed "R. Cadena" in Teencalpa (1310) (Schatz)

1340 MEXICO, Mexicali, KEAA w/Mexican mx 0855 3/3, gave
Full ID as "X-E-doble-A" 0900 w/male anc (Lobel,CA)
1370 h? NICARAGUA, Noted on 2740 w/early s/off & NA 0201 2/20.
Not likely the listed "X" relay in WRTH. (Schatz,FL)

DOMESTIC FURRIIN ROUNDUP

620 ARIZONA, Phoenix, KTAR in what sounded like Navajo.
Indian lang pgm w/Indian mx. Some sort of benefit
pgm 0625 3/3 (Lobel,CA)
1050 CALIFORNIA, San Mateo, KOFY in SS often mixes very
badly w/XMD SS in winter after KBLE/KORE/KWSO off
before KOFY s/off. Final s/off amnt always EE (Ford)
1600 CALIFORNIA, Fresno, KGST. No Julia - SS on this freq
in winter after SS in the Pacific NW is not one of the
weak Mexicans but the "Spanish Giant of the San Joa-
quin." Usually has a couple of sentence of EE just
before s/off as well as ads detectable as California.
even by the most unilingual anglo (Ford) (All U.S.
stns are required to give call & location in EE at s/off.
Most US SS stns go thru a "normal" EE s/off amnt
after the SS amnt, tho there are a few stns like KACA-1290
where the entire s/off is in SS except for the words
"KACA, Gilroy", which are blurted out about 2 secs.
before the xmr is turned off - bp)

INTERNATIONAL QSL ROUNDUP

650 HAWAII, Honolulu, KOKL, v/q in 11 days for rpt directly
to Alan Roycroft (Ford)
750 ALASKA, Anchorage, KFOU, beautiful PG v/q in 5 mos.
after P.O. hassles. Sent rpt to NRC log address - ret'd
address unkn; WRTH address, same. Finally settled for
Radio Station KFOU, Anchorage, Alaska, U.S.A. - and
made it. Printed signature of gen mgr; specific time &
date (Ford) (That's our Post Office for you.... bp)
830 JAPAN, Osaka, JOBB. Standard NHK v/q in 2 1/2 weeks for
rpt w/3 IRC's. Specific as to date only, unsigned.
However, I do have a JOBB v/q from a couple years ago
which is specific & signed - and in JJ; also a couple
of signed ones from JOUB - so NHK policy re veries is
not followed 100 percent (Ford)
860 MEXICO, Baja California, Tijuana, XEHO v/q in 3 weeks
for EE rpt to Box 1549, San Deigo 12, CA (that's what
the cards say & rpts get through!) Unsigned, specific
as to date only. Similar v/q's for rpts in EE to WRTH
addr. in Tijuana have taken 4-8 mos. (Ford)
890 JAPAN, Sendai, JOHK, usual NHK v/q for rpt on 10/12/74
rcvd 1/15/75. Sent by air mail (Lobel)
950 MEXICO, Tijuana, R. 95, XEOM. V/PPC in 2 weeks w/f/up
rpt; illegible v/s; posted in Los Angeles; what gives
Southern Californians? (Ford) (Studios & offices are in
Los Angeles, xr is in Tijuana - bp)
1030 MEXICO, Mexico, D.F., R. Centro, XEOR v/l in 5 weeks for
rpt in SS. Inspecific, signed by Artistic Director,
Mario Giron (Ford,BC)
1050 MEXICO, Mexicali, R. Internacional, XED. V/l in 2 mos.
for rpt in SS to WRTH address; v/s A. Maldonado Soto-
mayor; specific as to date. Letterhead also gives U.S.
addr: P.O. Box 74, Calexico,CA 92231 (Ford)
1178 RYUKU ISLANDS, VOA, Naha. New patriotic-style VoA v/q
in 5 1/2 weeks for written rpt plus tape - specific as to
relay, time, date, freq. (but not location) - stamped
signature. Tape returned, too (Ford)
1140 JAPAN, Sapporo, JOWF card rcvd on 1/20 for rpt of 10/12.
Same card can be used for JOWF, JOWN, JOWM & JOWL; they
circle the correct stn (Lobel)

Happy Anniversary IRCA! As a quickie reintro, I'm 23 years old,
employed as an electrical engineer, and counting down the days
of single life left; I'm getting married 3/22. To anyone who might
feel confused---the Karen Portzer you have hrd about in the past is
my sister.... Latest addition to the shack is an Eico 2036 stereo
amp. Other goodies include HD-180A, S-10A, SB-620, Sony recorder,
filters & other odds & ends.

Contributors this week:

Phil BYTHEWAY, Seattle, WA, HQ-150, SM-1
Albert LOBEL, El Cajon, CA, DX-150, Sanserino loop
Derek FORD, Vancouver, B.C., Eddystone 830/2, 50' LW
Don MOORE, Milesburg, PA, XCR-30
Paul MOUNT, Teaneck, N.J., Panasonic portable
Art PETERSON, San Pablo, CA, HQ-180
Bruce PORTZER, Seattle, WA, HQ-180A, SM-2
Theodore QUIROZ, Ft. Worth, TX (Welcome!)
Ron SCHATZ, Uleta, Fla., R-388/URR, LSCA

Two things to keep in mind. Another couple of issues and
we'll be on a bi-weekly schedule. Also, we just switched
to Daylight savings time, so be careful when converting to
GMT for DXWW rpts. PDT is GMT-7, MDT is GMT-6, CDT is GMT-5,
EDT is GMT-4. That does it for now. CUN a week. bp.



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INDIANAPOLIS, IN 46201

No. 21 Anniversary Issue 15 March 1975
Phone: 317-638-4166, 2300Z to 0300Z.

Some comments have come to hand from two of our more
perceptive members:
"All DXers can roughly be divided two catagories;
those who see their craft as a means of exploring the
world; and those who want the hobby to be pure escap-
ism." (C. M. Stanbury II)

"I am a realist; unlike many of my fellow DXers, I
don't live in a fantasy world. When I hear Washford-
881, I hear England, not Wales. Washford is not in
Wales, nor is there a Santa Claus. The actual question
is a moral/ethical one; do those DXers who do scan the
heavens on Christmas Eve have a right to place Wash-
ford in Wales? Do those of us who face life have the
obligation, or even the right, to awaken those who run
away from it? QSL's have been proven to be all but
worthless, but should we break the hearts of those DX-
ers who possess large verie collections? Must logic be
promoted at the expense of the *joie de vivre*? Is there
really a pat solution to the studio-transmitting ques-
tion? (Ronald F. Schatz)

"A country may not be a (CENSURED, hi, ed), but neither
is it what DXers are counting in their totals. Many
"DX" countries are bastard creations seemingly designed
solely to increase country totals. Myself, I ignore the
arbitrary and unrealistic "50-mile rule" for a more prac-
tical determination of outlying areas: Does island "A"
look like a part of country "B" on the map? To me, both
Ceuta and Melilla count as both Spain and Africa. I
view Greece as an archipelago, so Rhodes is not a sepa-
rate country. Thus we open another controversy for dis-
cussion" (Ronald F. Schatz)

More comments are invited (ed.)
xx
Now for News from the World of DX:

CLUB NEWS:(SCDX B1314) Now 6 months old, the Twicken-
ham DX Club is ready to receive new members from all
over Europe. The club publishes a monthly DX magazine
called Communication, prints many DX information sheets
and an annual verification survey as well as unique DX
problems service and holds many contests. The member-
ship fees, which include airmail postage to Europe, are
95p for members in the British Isles and 16 IRCs for
those in Europe. For more information and an applica-
tion form write to: Twickenham DX Club, 37 A,Pope's
Grove, Twickenham, TW1 4JZ, England. .

INTERNATIONAL WATERS:(SWNS 2-75) According to what
seems to be a reliable source, R. Veronica still occa-
sionally tests its transmitter off the Dutch coast.

KOREA, Democratic People's Republic; Randy J. Seaver
writes, in an 11-6-74 letter to then DXWW editor Ron F.
Schatz, which has been relayed to us: "872-877 North
Korean - I think that this is the Wonsan outlet of the
NK 2nd Net which has a long history of wandering 870-
890. Everytime I've heard it on 872 it's had 2nd Net
programming; Peterson IDed it as NK last year. It may
be (probably is) the station reported on 887 last year
(altho Sanserino says he heard 877 and 887 the same AM).
The history this year (approximately) is: 9-9 to 9-15,
872 kHz; 9-23, 875-6 kHz; 9-25 to 10-4, 877 kHz; 10-7
to 10-8, 872 kHz; 10-14 to 11-4, 877 kHz. These are all
from IDXD & DXWW reports since 9-9. (Our apologies to
Randy for the lateness of this item)

NETHERLANDS:(SCDX B1314) Hilversum III, mentioned in
our DX-B 1220, will as from March 1st onward operate
24 hrs a day on the new fq of 674 kHz with the so-called
pop network. Currently the transmitter has an output of
10 kW, but a power increase to 20 kW is planned for May
1st. This fq of 647 kHz is used by France, acc. to the
plan of Copenhagen with a 150 kW transmitter in the

Marseille. France has also started test transmissions from Lille with 1 kW on the same fq, and they have announced an increase of the output from Lille to 100kW, which of course will create some trouble to Hilversum III. Also from March 1st Hilversum I will operate on 746 kHz, and Hilversum II on 1.007 kHz, both from 06.00 to 23.00 hrs. (Cees van der Zalm, The Hague, Ad van Dijk, Bilthoven, Max van Arnhem, Tiel, and Rein Roosjen, Delft, and also Ludwig Schieffer, Cologne, W. Germany)

PHILIPPINES, Republic of the: Positive confirmation has been received from FEBC Manila on the call sign of the new station at Iba, Zambales, as DWRP. DWRP will operate on 1470 kHz with a 250 kW, Mission Engineering transmitter, feeding a 6-tower array of 50-m (150 ft) towers at 15°22'25"N, 115°57'24"E. Two DA patterns of Nr. for China and We. for S E Asia are to be used. Religious, News, and Educational programming, on the ratio 70% secular and 30% religious programs will be transmitted. Target date is 20 April 1975. The Nr. pattern should potentially be more audible than VOA-1140 here in NA, as VOA uses a We.-directed pattern. (ed.)

PUBLICATIONS: (SCDX B1314) A new course is being offered by R. Nederland, "The Radio Spectrum Course" by Jim Vastenhou, with 12 lessons, commencing on March 6th. Tests and diagrams are free of charge from R. Nederland, P.O. Box 222, Hilversum, Holland. (SCDX B1313): Once more the Australian Radio DX Club is offering a couple of special publications for DXers: SW Verification Summary is a survey on verifications received by club members during the preceding years, and contains four pages. Asia-Pacific is a special summer shortwave survey, intended to become a basis for systematic monitoring in the Australian area for the next summer period. Contains 6 pages. Copies are available from Australian Radio DX Club, P.O. Box 227, Box Hill, Victoria 3128, Australia. The price of each copy is for airmail to America, Europe, and Africa 5 IRCs for airmail to all other countries 4 IRCs and for seamount to all countries 3 IRCs. (Above three subs are probably of some value to the MW DXer although last two may be more specifically for the SWL or SW DXer. ed.)

SOUTH AFRICA, Republic of: "It is rumored that when Mozambique obtains independence in June that LM (Lourenço Marques, ed.) Radio will cease to function. The SABC will then introduce "Happy Day Radio" in So. Africa, on the medium waves only. In other words, the present SW fqys of LM Radio will cease to exist. These transmitters will then be used by the new Mozambique Govt for their own service." (A South African Source in NASWA Flashsheet, via Glenn Hauser)

U. S. S. R. In same letter from Randy Seaver as preceding DPRE item, is: "647 - RSPSR - WRTH lists a 50 kw station at Iman, which is on the Ussuri River between Vladivostok and Khabarovsk. This stn is a foreign service outlet with at least Chinese and Korean languages. This may be a replacement for the 629 Khabarovsk outlet (it may even be there, who knows?). The power is in the 100-300 kw class, since the signal strength is about the same as 655, JOIB-750, Peking-1040 (Shang Hai more likely, ed.). The programming is typical foreign service in half-hour segments. The Chinese program heard 11-4 was: :30.00 time pip, :30.10 Kremlin Bells start (Foreign Service IS per WRTH) :31.00 lead-in music starts, YL talks over briefly, music continues, :31.45 OM and YL talk, ID at beginning as "...Awangpo Tientai" by OM, then "Moskva Kwangpo Tientai" by YL (not sure of "Moskva") (Mo zhu ke guang bo dien tai, ed.). OM and YL continue talk alternating; some music. The Korean program is similar, except the lead-in music is a martial anthem and only the YL gives what I assume is an ID; I've heard some songs also on the Korean segments."

PRECISION FREQUENCY MONITORING SURVEY

"I wish to voice my support for PFMS, & I hope a large volume of readings will be collected. The bulk of readings can then be summarized by PFA (see my article) techniques so that station 'fingerprints' will be available to DXers for identification purposes. DXers submitting PFMS data should include date and time (UTC) with each measurement. Some preliminary PFAs follow:"

Omega	625 479 /+15, -15;	S9;	5W
S. R. S.	724 972 /+1, -3;	S2;	3W
Melodia	734 966 /+3, -7;	S4;	3W

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Titania	824 986 /+3, -3;	S4;	3W;	2W
Belize	934 044 /+1, -2;	S1;	4W	
Radiópolis	904 876 /+3, -1;	S2;	3W	
Canajagua	1 045 071 /+1, -3;	S2;	3W	
Orientales	1 155 241 /+2, -3;	S2;	3W	
Artemisa	1 158 586 /+3, -3;	S2;	5W	
C M H A	1 306 523 /+3, -4;	S3;	4W	
Monumental	1 462 512 /+15, -27;	S18;	3W	

"The above are updated to 2 Dec 74. Format average reading/ maximum reading, minimum reading; standard deviation (normal "drift"); time span of readings (w weeks). 'Standard deviation' is the square root of the sum of the squared deviations from the mean." (Ronald F. Schatz)
 Ron uses an IB-101 (Heath) frequency counter and an IG-42 (Heath) signal generator as the transfer oscillator.

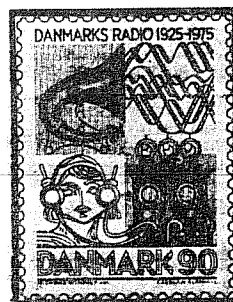
"CLANDESTINE"

(SWNS 2-75) "Canada Goes Clandestine" Up until last fall few DXers would have considered either Canada itself or any Canadian station as "exotic". Then a bizarre pair of duplicate transmissions appeared on the scene. First a station appeared on the 90-meter band and was heard at times over two thirds of the continent with "Greek and Near East" music. This one has developed into a miniature Radio Americas Swan affair. With the current mystery, the question is does it or does it not come from Canada? The answer is both. The 90-meter signal is the harmonic of a station presently varying between 1583 and 1586 kHz. Any time of the day it is on (currently weekends only) the 1526v signal can be detected at Crystal Beach, Ontario and an NRCCer has reported local reception in Hamilton, Ontario. Meanwhile a second transmitter, with exactly the same format, has been heard a number of evenings on a frequency varying between 1614 and 1620 kHz. This apparently does emanate from the N.E. US site recently referred to by Hauser in DX Monitor; however, so far as we can determine, it has no 90-meter harmonic. One of the various chains of events set in motion by the people at Radio Americas Swan culminated in "Watergate". Let's hope its contemporary Canadian counterpart turns out to be what Prime Minister Trudeau would call a "fun day." (editors note: The term 'clandestine' has traditionally, among DXers, carried connotations of covert broadcast activity directed against existing political regimes. However, the intelligence community uses the term 'clandestine' to denote both broadcast operations which are illegal or which have elements of deception. Under our terminology, the former have been called "bootleggers", with reference to fixed broadcast stations, and "skrates" with reference to maritime broadcast stations. Considering the two above transmissions as "bootleg", this properly would be included under the appropriate DX Roundup. However, we are accepting the clandestine definition for this article.)

Until next week - 73 del *AT*

Denmark notes broadcasting

Denmark will commemorate the 50th anniversary of the introduction of radio into that Scandinavian country with a 90-ore stamp on March 20, according to



Denmark notes the golden anniversary of radio broadcasting from within its borders with this 90-ore emission due on March 20.

the General Directorate of Posts and Telegraphs of Denmark. Designed by Richard Winther and engraved by Czeslaw Slania, the design depicting an old-time radio receiver was produced in red ink by the country's Post and Telegraph Office.

In October 1922 a newly established radio club arranged for the first radio broadcast in Denmark from a small transmitter in Copenhagen. Up to that time, the "radio," as radio amateurs were jokingly called, could listen only to foreign stations.

The first census of radio listeners in Denmark was taken in July 1923 with a total of 3,209 participants.

The Danish Government took over broadcasting on April 1, 1925, and had 8,000 listeners registered.

Program 1 was the only Danish broadcasting program until Program 2 was introduced on Oct. 1, 1951, followed by Program 3 on Jan. 1, 1963.

Radio broadcasting now amounts to 13,000 hours per year, the Danish PTT reveals. Frequency modulation (FM) was introduced in 1951 and stereo in 1969.

The currency rate of exchange is one Danish krone equals approximately 18 cents U.S., so this 90-ore value is roughly 17¢. The Danish Postal Philatelic Agency maintains a Customers Account System, information of which is available from 59 Raadhushpladsen, DK-1550, Copenhagen V, Denmark.

central dx forum 608 N. Martin

Muncie, IN 47303

Joseph Markewicz-Alsask, SK SOL OAO

Saskatchewan will be getting a new AM station this summer-"QR" Quality Radio 1370. It will beam a 10kw signal to an elliptical area bounded by the Alberta/Manitoba borders, Prince Albert to the North, Moose Jaw to the South, or so they say anyway! CKOM 1250 big 10kw signal is lucky if it gets this far south. CFQC, CKKR and CKOM opposed the application citing economic reasons while CFMC-FM submitted a rival bid seeking 1370. The format will be along the same line as CKQM, CHQT and CJOB programming. Saskatoon needs a new radio station like Winnipeg needs one! Winter daytime reception is pretty good. I never gave much thought to it until Hauser mentioned it in his CDXR report. The Vancouver stations like CFUN 1410, CHQM 1320, CKWX 1130, CKLG 730 have been in every day with the best signals occurring around noon, give or take an hour. The best signal belongs to CFUN which has listenable signals from 0900 to 1500 MST. At nite CFUN is an Alsask 'Local'! Also KIRO is under CFRG 710 all day, along with KING under CHEC, KOMO is by itself, KSTP 1500 has been in many times as early as 1300 MST with a local signal (another 'local' here at nite), CKRC has been in on occasion making a mess of CHED 630 at noon, KOA is sometimes in under CKRD, KJR 950 and KUUV 1590 heard here as late as noon with many more heard - KFBK 1530, etc. The good day reception started around the end of September and seems to be gone by the middle of February. To those who worry about Canadian 50 kw'er on regional channels, KJRB has made a mess of CFCW 790 day signal every day this winter. Radio Paradise 1265 is in m ny mornings after 0330 local putting a strong het on CFRN 1260 - another 50 kw'er who gets wiped out at nites by KPOW among others. Before I end, I used to get year round ground-wave signals in Winnipeg from KOA/WWJC 850, KREX 1100, KXEL, WCCO, KSTP, WDGY- even after KBMR came on. During the winter, good reception was received from the Chicago clears, with WJR and WABC, etc., heard around noon, with QRN permitting. 73

Michael Herman-3322 S. Austin Blvd.-Cicero, IL 66650

Hi people, and now a thumb nail sketch, age 25, occupation teacher, and I have been listening off and on for 10 years. The shack includes four receivers. The attic in my house was being built so the shack was packed up for the large part of a year. I hope that I will be reporting more regularly now that the shack has assumed a permanent spot. Oh, WMAQ, a local, uses the mini-call 67-Q. One problem I have been having, if anyone can help, how does one operate a q-multiplier? I have three and I can not do anything with any of them. How about a Chicago area DX gathering during spring vacation. 73's

Dave Rogers-Box 74-Buffalo, OK 73834

Greetings on the IRCA's 11th Anniversary! Not too much to report in the way of DX w/little time spent at it this past year. New veries: V/1 KPJA-1480+CM, KKYN-1090+CM, KKIM-1000+CM, KERC-1590+CM & KJLS(FM)-103.3. Brings totals on BCB to 566 veries from 43 states + DC, 6 provinces and 24 countries. I'm 26, a charter member of the IRCA, joining in April '64 at invitation of IRCA's 1st president, Marv Robbins. Have been DXing BCB since 1962 w/some of my better veries including BBC-1214, WDR-1586, 2NR-700, KGU-760 and YVRQ-910. Equipment consists of HQ-145A w/IRCA loop & Drake SW4A w/Space Magnet. Just recently joined WTFDA as have had some interest in FM-TV DX over the years. Best FM verie is WJBR-99.5 Wilmington, DE. Looks like all club officers are doing a great job. The old mimeo DXM was slightly easier to read but I believe the advantages of offset printing more than outweigh this. 73 & Good DX in '75.

Charles A. Taylor-939 Eastern Ave.-Indianapolis, IN 46201 (317-638-4166)

Greetings on our 11th Anniversary. Time for the traditional re-intro: Am 27 years old, charter member of IRCA, married to a Filipina, Leonor, with four young'uns. Have been DXing since 1959, with 1404 stations logged from Indianapolis (my hometown) and some 350 stations logged from Sorsogon, Sorsogon, Philippines (Leonor's hometown). Have 126 stations veried in 46 states, 6 provinces and 19 Indiana counties. DX specializations: Foreign DXing, broadcasting in SE Asia, verifying all states, provinces and Indiana counties. Other interests: broadcasting (have 1st class FCC license), languages (Tagalog, i.e. Filipino, Spanish, Portuguese, Chinese, French, in that order), SE Asian geography, history and current affairs, writing, electronic design & construction and travel (have travelled 50,000 miles by plane and ship, mostly in the Orient). Best veries: KFQD-730, 10kw (now 750), CBLG-730 20w, WJTO-730 and WHEB-750. Equipment: 1. Receiver, HA-600A Lafayette; 2. Antenna, 20-meter longwire and LSQA; 3. Auxiliary, ASB-1D single sideband adaptor (of own construction) interconnected with HA-600A at IF, has 2-mechanical filter array, phase-locked carrier exhalation oscillator, product detector, carrier/SAH meter; 4. PFM station, IB-1101 Heath frequency counter, 330K EICO signal generator modified with vernier frequency control, voltage regulation and side-step mixer module. Hope to get Novice license sometime this year but first-love is still MW DX. Hope to return to the Philippines in next two or three years.

John C. Johnson-501 5th St. W.-Billings, MT 59102

Another anniversary already? You betchya! IRCA has proven again to provide the best, club members do their best! Hello, I've been absent from these pages for a few years, but like a few others I caught the DX bug again...especially after discovering a number of call and frequency changes missed. So, I'm back at the dials again. I've been DXing broadcast band stations since 1962, and am a charter member of IRCA. Totals here are now up to 827 heard with a modest 628 verifications. (Modest?-jz) My main interest is domestic AM. But I do DX TV now and then as proven by some 70 verifications. TV is my career, as many of you know. I'm KTVQ-2's main technical director, and am at the controls weeknights to 1 A.M.---leaving the rest of the night for DX. the local radio scene hasn't changed in a number of years. AN rockers KGH-790 and KOOK-970, and c/w KBMY-1240 are my biggest pests. Monday mornings are free after 0200 signoffs, tho. SCers, I have KOOK and KOYN for trade. DX here is done on my Sansui 5000 receiver....does a great job tho, excellent seperation. All DX is taped, but not saved, as I collect written verifications only. Another year has started for the IRCA, let's all make it the best ever! 73s.

Tom Butas-5612 Alta Dena Dr.-Huntsville, AL 35802

Greetings all. Happy Eleventh Anniversary to the IRCA. Since this is a good time for a re-intro, here it is. I'm single, a sophomore at the University of Alabama in Huntsville, majoring in business administration. Age here is 19, been IRCA member since 1971. Main hobby here is AM DXing, total 390/290, 39/39, 7/7. Also SW 48/48. Second pastime here is CB, with 3 rigs- Lafayette Telsat 924, Micro 723 and Dyna Com-3b w/t. Main AM receiver is a Lafayette HA-600A with a 57" car antenna. Have been real busy with school so DX has fallen off. Did hear WBFN test 2/17 today. Latest veries from WDIA, KFDI and WROA. Well, guess that's all, sorry to see John Keleher leave the CDXR, he did a fine job. 73's to all.

George Paetzmann-7507 Jefferson Ave.--Hammond, IN 46324

Greetings fellow DX'ers, and happy anniversary! A stretch in the hospital has limited my DX'ing of late, but still going quite well. Having to send a lot more f/up reports than I used to, though. Brief re-intro: I'm 21, single, work on dock at local Wards store. Been DX'ing seriously for 3 years, un-seriously for about 9 years. Also collect records (have 4,000 45's & 350 LP's) and read a lot. Have logged 41 states & DC; don't know exact total of stations logged, but it's over 500, have 375 currently verified. Latest veries include: v/q CMW, WJDX, WTOD, KWRE, WREC, WFAX, CJTR, KCBS, WKRC, WFAR, WAPI; v/l WCSI, HJXX, KXJK, CHOO, WHBQ, WGH, KAYQ, KAKE, KWFT, KREL, WHEB, WCAZ; v/ppc WRNG, WBRV, WTRB, WABB (after 4 tries), WORV, WPNX; v/f KPOC, WINE. All you survey collectors, if you have any WLS sc's from Nov. 64 thru Aug. 65, in good condition, please contact me, will pay a buck apiece. Also slightly interested in June 64 thru Oct. 64. That's all for now; good DX'ing to all, and congrats to the greatest radio club in the world!

Gene Martin-3303 E. Evans Ave.--Denver, CO 80210

Two of the best-known DX targets in the world are equi-distant from Denver, but one of them is rarely heard and the other is heard almost any night when the static level is low enough. These two are Dakar at 764, 200 kilowatts, and Tarawa at 844, 10 kilowatts. Dakar is 8 1/4 inches from Denver on my world globe while Tarawa is 8 1/2 inches away. Dakar was heard only 2 or 3 times this season, while Tarawa seems to be there everytime I try for it on fall and winter nights after my local midnight. It may be that Dakar is directional to the East, but has it always been? In any event, I have heard it off and on over a period of 11 years, sometimes with good volume, but it has never been heard with any kind of regularity and it goes for months and even years at a time without being heard. But Tarawa almost never fails to make an appearance. I submit that the reception pattern of these two stations is only another bit of evidence that for the North American DXer signals from the west are always infinitely superior to signals from the east. The advantage for the western signal may be as much as 3-to-1. And it has always been this way since I began DXing back in the 1920's. Dozens of other examples of this superiority of the western signal can be found in the BCB and I suspect it is a worldwide phenomenon.

Bob Lazar-1109 Niesen Rd.--Port Washington, WI 53074

Happy 11th birthday to the IRCA! Here's a re-intro: I'm 18 and a senior in high school. Receiver is a Heathkit GR-78 and an SM-2 antenna. Have been DXing off and on for several years now, but didn't really get serious about it until I joined IRCA a little over a year ago. Heard/verified totals are now 672/313 stations, 42/37 states, 6/6 provinces and 16/7 countries. My main DX problem here is that every time I want to DX someone else in my family wants to watch TV in the next room or turn on a light dimmer switch, both of which cause a good amount of noise and drives me batty at times! WTWJ-FM is now WKTI with automated rock format and pathetic I-94 slogan. Another "mini-call" is 15-Q for WQTC-1590, Two Rivers, Wisconsin. Many veries recently, the best of which are v/q-CHNR, CKRC, KGHL, KNX, KTJS, WHEB, v/l-WQXB, KSIS, KQYX, WCSI, KEYE, KOOK, KBHB, KQWB, KFDF, WKRA, XEQR. KCBS-740 sent CM, 2 page sheet on their history, and a color Kodak picture of the transmitter, but no verie! Very strange. KAAA sent a QSL card the size of a letter. 73's.

Allen W. Ogrizovich-3836 Sleepy Hollow Lane-Fort Wayne, IN 46804

Howdy all! First off, DX here the past couple of months has been zllch mainly due to me getting my mouth fixed at the dentist. MM's were shot along with the mouth. Always fun doing a radio show with a numb mouth. Only reports verified lately were follow-ups. V/q WPAR v/l WKRX. Speaking of reports, I've gotten a few this season at

WGL that are so bad no wonder stations have not verified anymore. I've gotten them written on recipe cards in red ink, in pencil on typing paper and the best one from an IRCA member was for the non-reception of WGL. If you send a report like that you might as well not send reports at all. I've gotten a lot of decent reports from IRCA members. WLVV is not off 0200 EST. You should hear the bands on MM here! Everyone if off by 0300. FM is still alive with WPTH. That's about enough of the sermon. So best of DX as hopefully 3/75 will bring a few for me. March is usually my best. 73.

Rich Eddie-152 W. Rose-St. Louis, MO 63119

Happy Anniversary IRCA! Just a few lines to let people know I'm still alive. Welcome to all the new members wherever you may be. Been mainly DXing on MM for the DX tests and have had pretty good luck. Reintro for newer members: I'm 27, single, live at home with my parents and have been DXing BCB since August '67 and as of now I have the following totals- 1225/832, 48/48, 6/5, 23/15. The convention in Columbus is 50-50 at the moment. Well, I'll s/off and leave room for somebody who has important things to say them in. Best of DX, Peace and 73's.

Phil Boersma-15570 Cleveland St.--Spring Lake, MI 49456

Funny how things can change in a couple of weeks. Only a month ago, I was DXing full tilt; now, suddenly, I've kind of lost interest. The reasons are mainly school and a girlfriend, with whom I'd rather spend evenings than doing stuff like SSS DX. And I've been just too darned lazy to wake up on MMs to do that kinda DX. On another subject: It appears that Regional Broadcasters of West Michigan, Inc., are getting desperate. One of their stations, WGRD-1410, has joined the ranks of the Music Mutilators: They now play their 45's at 50 rpm. It makes Paul McCartney, Bad Co., etc.c sound like Mickey Mouse. They have been taking a real beating in the ratings lately from WLAV-FM, WZZM-FM and others. Regional's other station, WTRU-1600, has been hiring and firing DJs for their 6PM-Midnight spot faster than you can say "Who's that?". This must mean WTRU is in real trouble, because they used to keep the same DJs until the DJs either quit or died. (Tom Wyant has been on WTRU for 10 years, some kind of record, I think.) WMUS-1090/FM107 has been clobbering WTRU lately, although WMUS has more of a country sound to them. Hmmm..... WZND-FM finally got the distortion out of their signal, after 3 months. I wonder if they got fined or something.....73

Michael Hogen-4811 Euclid Ave.--E. Chicago, IN 46312

Well, I guess it's that time to wish IRCA Happy Birthday, and many, many more. For my traditional re-introduction to the members of the club, I'm 21 years old, single and an undergraduate student in psychology at Calumet College right here in East Chicago. Current plans are to graduate by this December and then pursue a Masters degree in clinical psychology. I'm presently employed as an orderly and nursing assistant in a psychiatric ward in the local general hospital. I'm currently DX'ing with a Sears-Overseas Receiver and an SM-1. Although I've only been seriously DX'ing since 1972, I had limited DX experience from 1969-1972. Totals now are: 512/179 (stations heard/verified) 41/29 (states heard/verified) 10/4 (countries heard/verified) and 7/2 (provinces heard/verified). 73's and good DX'ing to all.

Karl Forth-630 S. Ardmore-Villa Park, IL 60181

It's time for another rare DXF, and it looks like I missed the Anniversary Issue (guess again-jz), so Happy Anniversary and all that. A big thanks on behalf of all the regular DXR reporters goes to Charley Keleher, and a hearty "good luck" to Jim Fogue, who is taking over. I hope Jim won't have to put up with 21 line reports on whether or not midday reception of WMAQ in Oklahoma is groundwave or skywave. The big news here, as you know, is the big switch of WVON/WKUS. WVON went to 1390 at 3:34pm CST on 2/5, and 1450 is now clear.

**western
dx forum**

Editor: Michael G. Worst
4618 Fremont N., #104
Seattle, WA 98103

Deadline Thursdays until my replacement takes over

Jon E. Pearkins, Apt. 1901, 8515 - 112th Street, Edmonton,
Alberta T6G 1K7 Canada

Hello! Since this will probably be my last DXF report, I thought I better extrodude myself: 23 years old and a member of NRC, IRCA, and until recently, NZRDXL. I have a B.Sc. in Computer Science from UBC and presently work for UA as a Consultant/Programmer-Analyst for Computer Services. To put things in perspective, UBC and UA use the same support programs and, with three other universities, co-operatively upkeep it, so the transition between UBC and UA was very easy. Last April to December, I worked in Yellowknife for the Government of the Northwest Territories as well as CFYK. In my UBC years I worked for CHQM, CJAT, CFPFR, and the federal government's Environment Canada. I still have my HA-230 and Space Magnet, but do not DX. While at UBC, I did not have the time and now I do not have the interest. I would like to take this opportunity to say "Thank You" for countless DX tips and friends found through the pages of DXM. A final 73 from JEP.

Albert S. Lobel, 247 N. First Street, Apt. 27, El Cajon,
CA 92021 Phone: (714) 440-2544

A big "HAPPY BIRTHDAY TO IRCA." Hope this finds all of you well and DXing. Let's all contribute to the various columns in DXM even more this year and make it IRCA's best year yet!! Noticed Charles Taylor's CDXF report in the 2/8 DXM. I most certainly agree with him on his comments regarding offset vs. mimeo. As for his comment on IRCA membership dropping and getting rid of "dead weight;" I agree there are many members who do not contribute anything, however, it is not a requirement of membership that one contribute to the club anything except his/her dues. Since Charles mentioned clubs that do limit membership I thought I'd mention another he left out; Radio Canada. I suppose there are many more, too. Don't forget to send your ads for the "ADVISOR!!!" 73's and good DX!

Bill Harang, 811 Nevada Avenue, San Jose, CA 95125
Anniversary issues traditionally contain re-introductions. With this in mind, I'll re-introduce myself. I'm 19, a freshman at San Jose State University. I joined IRCA in Feb. 1971. Challenge is the key to enjoyment. Each stn has something of its own uniqueness, which makes the hobby exciting. Equipment here includes a Lafayette HA-63A and an Airline Cassette Recorder. I wish to make a correction to my 2-22 WDXF report concerning KCBQ's s/off. When I received the information from a San Diego Area DXer, I, along w/a KLOK DJ, interpreted the information to mean that KCBQ signs-off at midnight nightly. However, we apparently misinterpreted the information from this San Diego Area DXer. Anyway, KCBQ is mainly NSP. XEPRS-1090 and XETRA-690 are both not exceeding their licensed 50 kw powers, but are highly directional, concentrating their power northward into the U.S. XEPRS in particular; they have pulled their whole power output into a 30° wedge aimed NNW, so that their ERP is roughly 300 kw in that direction. Their map shows them putting 25 mv/m into San Luis Obispo!

Bill Trubee, Box 1323, Kealahakua, Hawaii 96750
Anniversary congratulations from the Kona coast, home of the world famous Billfish Tournament. (plug, hi.) DXing here hasn't been the greatest this season, very few new catches and not many good openings to the mainland. Pacific and Asian DX also off from last year, probably because I have already logged all the easy ones. One thought in passing, have the club members ever considered using GMT/CUT for reporting loggings. It seems to me that local Eastern Time doesn't make much sense, why arbitrarily use EST/EDT, why not Pacific or Mountain, it would make as much sense. Since the fouled up changing of Daylight time it just adds to the confusion as we all use a stations local time in reporting to them (or hopefully so). A solid standard that didn't vary at the whim of the government would allow members no matter where they live to use the loggings without wondering what time it is now in New York. I really don't imagine this will get much consideration as those renegades the SWLs use it and of course we can't be like them, hi. Let's hope that the IRCA will continue as the outstanding MW club for many more years to come, keep up the great work fellows, it is really appreciated by one and all. HAPPY BIRTHDAY!!!!!!!!!!!!!!!!!!!!

James E. Critchett, 1103 North Street, Yreka, CA 96097
May I add my congratulations and best wishes for a fortuitous future to the IRCA, as a Charter Member. The Club

yielding some 15 new stations on the previously congested frequency in a couple of weeks, the same amount of stations that had been logged there in the previous four years while WVON was NSP. It was kind of silly to have a soul station licensed to Cicero anyway, hi. The new station, WENA, has not come on the air yet so area DXers can look forward to more DX on the frequency. Veries next time, and another Veries column coming soon. 73s.

John Zondlo-608 N. Martin-Muncie, IN 47303
Greetings. This must set some kind of a record for CDXF for me, what with 16 reports in one issue. As for a re-intro- I'm 21, single, a senior at Ball State University here in Muncie, majoring in journalism and radio-television. I'm sports editor for the university radio station, WBST 90.7, plus I work part-time at WWHC 104.9 Hartford City, IN and WYCA 92.3 Hammond, IN. It all helps pay the bills, hi. I've been DXing since July 1970, and in that time have managed to log 958 stations in 45 states and 5 provinces (plus a few countries thrown in for good measure). My primary BCB interest is in domestic DX. In IRCA, I'm editor of this column, a member of the BoD and the club's ANARC rep, along with Rick Evans and Father Jack Pejza. along with IRCA, I'm also a member of WTPDA, where I edit the DX Mailbag column for their bulletin. Well, enough for the personal stats. DX here has been fantastic. In fact, so far 1975 is the best year DXing for me since 1970. 25 stations were logged in January and 26 in February. No veries lately since it seems I'm just too lazy to write reports. Happy Anniversary IRCA, may you have many more. 73.....

Indian Radio Station Probed

Keshena, Wis. -UPI- The Federal Communications Commission is looking into the operation of an unlicensed radio station by leaders of a group of Menominee Indians who occupied a religious estate near Gresham for 34 days. The station began broadcasting from the Keshena American Legion Hall about a week before the takeover of the former Alexian Brothers Novitiate ended Feb. 3. The station operated full time for a time, featuring American Indian music, especially chants and dances. It supported the Menominee Warriors Society, which took

over the novitiate, and the Menominee People's Committee, which supported the Warriors. After the Warriors Society vacated the abbey, broadcasting became intermittent. The station's editorial comment continued to denounce the elected Menominee leadership — the Menominee Restoration Committee and the Menominee Enterprises, Inc., Board of Directors. It also criticizes what it calls a "racist attitude" of white persons in the area, especially in Shawano, the largest community in the two adjoining counties. Dist. Atty. Richard Stadelman of Shawano and Menomi-

nee Counties said action to shut down the station would have to come from the FCC, which licenses all radio and TV stations. Stadelman said operation of an illegal station was a federal offense. The station can be heard in parts of the two counties, including car and home radios in Shawano. The last time the station was quite active was Friday, Feb. 14, when it urged Menominees to come to the Shawano County Courthouse where five leaders of the Warriors had barricaded themselves in a room during preliminary hearings on felony charges against them.

Milwaukee Journal, Mar. 4, via Bob Lazar

FAITH FOR OUR TIME RADIO LOG

CALL	FREQ	TIME	DAYS	LOCATION
KSJB	600	1945	ELT Mon-Fri	Jamestown, N. D.
KXL	750	1045	Sunday	Portland, Ore.
KIEV	870	1930	Sunday	Glendale, Calif.
KBYE	890	1330	Saturday	Oklahoma City, Okla.
KDHL	920	1945	Sunday	Faribault, Minn.
WJOR	940	0945	Sunday	South Haven, Mich.
WGTA	950	1800	Sunday	Summerville, Ga.
WBMC	960	1215	Sunday	McMinnville, Tenn.
KCHJ	1010	1030	Mon-Fri	Delane, Calif.
KBLE	1050	1245	Sunday	Seattle, Wash.
WFLI	1070	1045	Sunday	Chattanooga, Tenn.
KPNW	1120	1030	Sunday	Eugene, Ore.
KRAK	1140	2345	Sunday	Sacramento, Calif.
KRAK	1140	0115	Tues-Sat	Sacramento, Calif.
KGSM	1140	1045	Sunday	Boise, Idaho
KWKY	1150	1315	Sunday	Des Moines, Iowa
WAXX	1150	0915	Sunday	Chippewa Falls, Wis.
WAVN	1220	1700	Sunday	Stillwater, Minn.
WCWJ	1310	0850	Sunday	Traverse City, Mich.
KWHN	1320	1030	Sunday	Ft. Smith, Ark.
KSLM	1390	1230	Sunday	Salem, Ore.
KCLO	1410	1000	Saturday	Leavenworth, Kan.
KCLO	1410	1700	Tues/Thurs	Leavenworth, Kan.
KTTA	1490	0915	Sunday	Holla, Mo.
WBNL	1540	0845	Sunday	Boonville, Ind.
WOBL	1570	0800	Sunday	Oberlin, Ohio

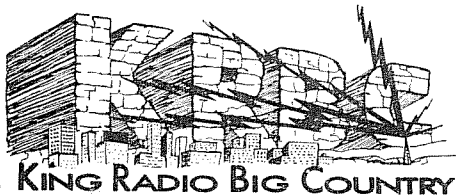
Via Mel Hickman

had its growing pains, but the fact that it has matured was very well demonstrated at the Renton Convention, the best by far that I have attended. Editors might come and go, but we have some very good ones on the West Coast at present, with Nancy and Mike handling the work very well. That San Diego Publishing Staff is something else again; doing very good work, weekly, for which we should all be thankful. DX in the far north of California has its ins and outs. Falling snow and rain bring heavy static, added to the ceaseless power line. Have not heard a single Hawaiian, Alaskan, or TP this winter. Of course no TA's. But I keep adding the new ones. KAZM-1470 Sedona, Arizona with its DX Special program and KCUZ-1490 Clifton, Arizona on its FC on Mountain Standard Time Monday, March 3rd were numbers 690 and 691 heard in Yreka since May 1, 1973. Of these, 126 had not been heard anywhere else. So I keep listening. Since I live alone, I can DX at any time of the day or night, whenever I so desire. I have a 168-hour log, 24 hours a day, 7 days a week. Haven't heard any station the full 168 hours yet, but have five that I am working on. Many new stations are heard while listening for the regulars, to fill those spaces on the 24-hour log. Best wishes to all members in adding new stations and verifications. And let's keep those editors busy with DX tips for others.

Jon Orren, 529 N.E. 83rd Street, Seattle, WA 98115
 Since this is my first Forum report, let me introduce myself. I'm 22, a student at the University of Washington majoring in Sociology. Interest is in population. DX wise, I've been DXing since 1968 with 427/37/5 with my best being KXEO-1340, on 7/8/73. I use a Hallicrafters S-120 receiver. Antennas have made the difference, though. I began in the middle of the '67-'68 season with a long wire and, spending 5 years with it, managing to hear only 230 stations. Beginning in the summer of '73 I built a 3' spiral loop and heard 119 stations with it. However, things are getting better. On 12/30/74 my SM-1 came and I have heard 78 stations with it as of 2/24/75. So conditions are good this year. Now, I plan next to get a better rx. So, watch out, Seattle, for a new challenger in DX! Oh yes, a happy 11th birthday to IRCA.

Erland Carlson, R R 1 Camp Rd., Winfield, B.C. V0H 2C0
 Since this is my first DXF, an intro is in order: I'm 17, in grade 12 at Kelowna Secondary School (KSS) and have been DXing since 4/72. My QTH is 12 miles north of Kelowna - 20 south of Vernon. My heard/verie totals are 571/158 stations, 36/31 states, and 5/4 provinces. With my future ahead of me, I would like to get into radio - AM or FM, on the air or behind the scenes. Local FM station - CJOV 104.7 has just started a two hour program on Sunday nights where students from local high schools play music and have news/interviews from their school. Five of us from KSS are putting a show together and should know within the next week whether or not we made it to the airwaves with our program. Listening to C-FUN as I type this and heard a couple things of possible interest - they got something like 25,000 names on a petition trying to get the Beatles together and it sounds like the Beatles are interested. Secondly, the DJ (Lee Murray) mentioned on the air, a reception report they had received from Sweden of a 1/3 reception - that was a good night here too - I got WEBC-560 and KFYR-550 along with CHFA and KKAA so it must have been a super night worldwide.

Arthur W. Peterson, 2726 Rollingwood Dr., San Pablo, CA 94806
 Greetings, fellow DXers. This DXer has been somewhat inactive these past few weeks due to lousy conditions and competing activities, but I hope that will change soon. Guess it is time for a re-intro. I am 30 and working as a consulting forester based here in the Bay Area. Other interests include bicycling, politics, and skiing. A weekend of skiing combined with DX on MM make one sleepy fella on Mondays!! But I get by OK. Foreign DX is what turns me on, but there has been little of that for me lately. Equipment here includes an HQ-180A, SM-1, Bendix MN-26, reel and cassette tape recorders, Heathkit IB-1100 freq. counter, Joystick antenna system for SW (oh, horrors) plus various and sundry accessories. Favorite DX area is Asia and the Pacific; enjoy Latins, too, but the reception is generally not as good as TPs at this location. WRTH looks good this year; printing is much clearer than in the past. '73 and the best of DX to all.



March 15, 1975

president's REPORT

Recent Board of Directors Activity:

PROPOSAL	RLF	NH	PRK	ELK	BN	FJP	JZ	RESULT
6.2-45	F	A	F	F	F	F	F	PASSED
6.2-46	F	O	F	F	F	F	F	PASSED
6.2-47	O	O	F	O	O	F	O	DEFEATED
6.2-48	O	O	F	O	O	F	O	DEFEATED
6.2-49	F	F	F	F	F	F	A	PASSED

BoD: Robert L. Foxworth; Nancy Hardy; Percy R. Kesteven; Edward L. Krejny; Bill Nittler; Father Jack Pejza; John Zondlo.

PROPOSALS:

- 6.2-45 Confirm the appointment of Nancy Hardy as Western DX Roundup. (passed)
- 6.2-46 Approve Dave Fischer as our Technical Advisor. (passed)
- 6.2-47 Approve a joint IRCA/ANARC convention in Columbus in 1975. (defeated)
- 6.2-48 Approve a joint IRCA/NASWA convention in Columbus in 1975. (defeated)
- 6.2-49 Confirm Charles A. Taylor as the DXWW II Editor. (passed)

COMMENTARY:

Nancy Hardy has been confirmed in her post as WDXR editor, and becomes, I believe, one of only two persons who have been Roundup editors for two separate areas.

Dave Fischer will be checking out technical articles before they are published in the club bulletin, in hopes that errors are caught before they see print. Articles are to be sent to San Diego, who will forward them to Dave. If Dave finds mistakes, he'll inform Father Jack about it, who will decide then how to handle it.

Not too many persons knew that Columbus was talking about hosting the 1975 ANARC and NASWA conventions in conjunction with ours this summer. Since it would involve combining our annual convention and business meeting with those of two other groups, I felt it best to ask BoD approval. It's a long involved deal (which has unfortunately also created some bad feelings), but apparently, Randy didn't realize he would be bidding for ANARC when he submitted his statement for IRCA's election back in November. The NASWA idea came in even later than that ANARC bid. The BoD, for its own, and various, reasons, turned it down.

The proposal confirming Charles A. Taylor was a "catch-up" deal, in that Charlie should have been confirmed by the BoD at the time he was appointed to the post of DXWW-II editor.

ELECTIONS:

You are reminded that anyone may nominate one person each for President and Secretary-Treasurer, plus seven persons for the Board of Directors. The only requirement for eligibility is that the person must have held one year's continuous membership in IRCA as of April 15, 1975. It is recommended that those wishing to be S-T should have a knowledge of accounting. Skip says one semester of accounting should be sufficient.

On the TVA award, follow Bruce Portzer's report in the 1/25/75 DXM (p.258) except that the timetable will be that as set up in the general election timetable on page 287, 2/8/75 DXM. Bruce caught his error too late to do anything about it.

EDITORS:

Pending BoD approval, Jim Poque has been appointed the new CDXR editor, and Rick Heald has been chosen to do the Western DX Forum. I'll let the editors announce the transfer dates. The other positions have not yet been filled, but a decision will be made on them during this coming week.

Respectfully submitted,
Richard C. Evans
 Richard C. Evans,
 President, IRCA

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DX CONTESTS

Dr. Michel Breger, 7217 Creekside, Austin, Tx 78752

March 15, 1975

DOMESTIC/FOREIGN CONTEST STANDING
PROFESSIONAL DIVISION

	TOTAL	DS	DP	FS	FP
1. Forth, Ill.	546	152	396	30	150
2. Kramer, Ill.	505	165	440	19	65
3. Abraham, Mich.	465	85	225	39	240
- Breger, Texas	322	73	172	30	150
4. Moss, Texas	304	66	144	31	160
5. Mayhew, Que.	219	71	164	17	55
6. Portzer, Wash.	203	67	148	17	55
7. Sherman, Minn.	200	80	200	0	0
8. Williams, Oreg.	180	37	54	27	126
9. Nancy Hardy	165	65	140	11	25
10. Hendricks, Ill.	164	71	164	0	0
11. Erickson, Ca.	148	65	140	4	8
12. Hogan, Ind.	136	61	124	6	12
13. Parsons, Ont.	132	44	72	18	60
14. Buehler, Mo.	128	62	128	0	0
15. Wheeler, Pa.	119	55	105	7	14
16. Bill Hardy	109	51	93	8	16
17. Scully, Ca.	109	53	99	5	10
18. Godwin, Oregon	86	0	0	22	86
19. Flegle, Fla.	20	0	0	10	20
20. Gill, N.Y.	4	4	4	0	0
21. Moore, Mass.	4	0	0	2	4

AMATEUR DIVISION

1. Rittenhouse, Ca.	348	72	168	33	180
2. Fader, N.Y.	234	71	164	20	70
3. Meredith, Ga.	102	54	102	0	0
4. Bradley, Col.	84	48	84	0	0

One of the contestants proposed that the list of catches of any member be made public on request. Any contestant's entries would be Xeroxed and sent at cost. One of the advantages of such a scheme would be that you could find out what other DXers in your area are hearing. What are your ideas on this proposal ?

SCAVENGER HUNT CONTEST

PLACE	NAME	TOTAL	HEARD	SUGGESTIONS
1	(1) Kemper, Col.	26	25	1
2	(7) Kramer, Ill.	23	22	1
3	(1) Nancy Hardy, Wash.	21	20	1
	(1) Fader, N.Y.	21	19	2
	(5) Bill Hardy, Wash.	21	19	2
6	(4) Scully, Ca.	16	13	3
	(5) Rittenhouse, Ca.	16	13	3
8	(10) Abraham, Mich.	15	15	0
	(7) Portzer, Wash.	15	15	0
10	(12) Bradley, Col.	14	13	1
11	(9) Wheeler, Pa.	13	13	0
12	(10) Dildine, Va.	9	8	1
13	(14) Gill, N.Y.	8	7	1
14	(12) Hogan, Ind.	7	7	0
15	(15) Schatz, Fla.	3	0	3

Stations to be heard in the month of APRIL, 1975.

41. A station whose call letters contain your proper initials (excluding any middle initial). The initials have to be in the proper order. An example for me is KAMB. (Kemper, Nancy Hardy)
42. A domestic station with only three letters in the official call letters.
43. A station East of the Mississippi (in W... country) with call letters starting with K, or a similar station in the West with calls starting with W.
44. A station from a DX country surrounded completely by water. Country may not share island with any other DX country. Check your IRCA country list (Bill Hardy).
45. A graveyard from Idaho or Vermont or Mexico. Latter has only to be on a graveyard frequency (Bill Hardy).
46. A station situated in a town with the name of a foreign capital city (Gill, adapted).
47. A station situated in Paraguay or Spain or Vietnam.
48. A domestic station using 100 watts of power at night. PSA's do not count (Rittenhouse).
49. A station in Alaska or Delaware or Panama (Rittenhouse, adapted).
50. Your tenth station on any one frequency in the range 540 - 680 KHz inclusive.

I don't know why I gave Nancy Hardy more points last month than she deserved. After all, she did go and marry some other DXer, hi.

till the first of next month.....michel

KXA Is Sold

Seattle's KXA, the only local AM station broadcasting classical music, is being sold by Mr. and Mrs. Wesley Dumm of Los Angeles to Brent Larson, an Idaho broadcaster.

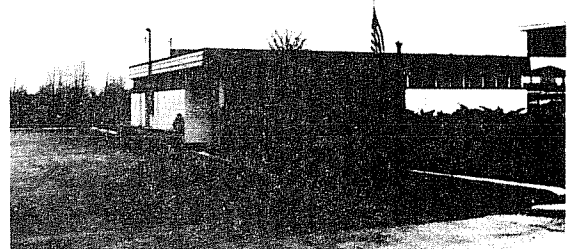
Larson, who also operates KADN, Boise, and KODL, The Dalles, said the application for transfer of the license will be filed soon with the Federal Communications Commission.

Larson said, "We have no intention of changing the format at KXA. We're happy with it. There'll be no major changes of format or staff."

Via Bruce Portzer

Butted cigarettes around me,
Sprawled supine is how they found me-
Victim of an odd disease-
Cirrhosis of the frequencies!

Larry Flegle



WBRI-1500 kHz, 5 kw-D, Indianapolis, IN Studios and transmitter. Sent by Jim Pogue.

Renewal of KISN license denied

Judge Chester F. Neumowicz Jr. His decision Feb. 14, 1975, granted all the renewal applications... except that of WIFE.

KISN will continue "business as usual" while the Federal Communications Commission denial of the station's license is appealed through the courts, Burden said in a statement to employees Friday.

"I am confident that the court will reinstate Administrative Law Judge (Chester F.) Neumowicz' decision to renew our licenses," he stated.

The KISN case centered on charges by Paul Oscar Anderson and other former employees of the station that KISN denied the news in order to favor the election of Hatfield over his opponent, Rep. Robert Duncan, in the 1966 campaign; that the station ran "phony" contests involving the giving away of turkeys and a "lucky key" for unblock- ing a camper.

It was also charged that KISN made campaign contributions to candidates for the Multnomah County Commission in order to get a permit to construct a high transmitter tower.

misconduct and that the owners must be held responsible.

Among other things, the FCC found that during the campaigns for the U.S. Senate in 1964 in Indiana and in 1968 in Oregon, newscasts of Star Stations were improperly used to publicize the campaigns of incumbent Sen. Vance Hartke, D-Ind., and Oregon's then Republican Gov. Mark Hatfield.

Burden owns 82.3 per cent of the Star Stations Inc. stock and is its board chairman and president. He also is an officer and director of each of the subsidiaries and divides his time among the various broadcast operations.

The commission noted that Burden acquired Star Stations of Indianapolis in 1962, the FCC never granted regular renewals for WIFE-AM-FM.

When renewal applications were first filed in 1964 for those stations they were granted for a term of only one year because WIFE had used a partial audience survey in a misleading fashion to improve the station's sales of air time, the commission said.

The 5 to 1 decision Friday reversed rulings by FCC Administrative Law

WASHINGTON (AP) - The Federal Communications Commission Friday denied license renewals for five radio stations owned by Don Burden, including KISN, Vancouver, Wash.

FCC officials described it as perhaps the biggest license denial action ever taken by the FCC.

Affected by the order are Star Stations of Indiana Inc., Central States Broadcasting Inc., and Star Broadcasting Inc., which also operate stations WIFE-AM-FM, Indianapolis and KOIL-AM-FM, Omaha.

The stations are wholly owned by the same parent corporation, Star Stations, Inc.

The FCC also granted the application of Indianapolis Broadcasting Inc. for a construction permit for a new AM station in Indianapolis. This proposed station was a competing application with the WIFE-AM renewal application.

The commission said it found that serious misconduct had occurred in the operation of Star Stations. The commission found that Burden, the Star's chief stockholder, was intimately involved in and had knowledge of the

NEBE - A DXER'S PARADISE
 Carl Dabelstein KØSRV &
 Robert Mitchell WDXØFTXQ

We have been asked by Dave Fischer to write a supplement to his recent article "NEBE--A SUPER SIGNAL SNAITCHER".

Our Project NEBE (NEbraska Beverage) was set up during the Fall of 1972 at the University of Nebraska Field Laboratories, about midway between Lincoln and Omaha. We were authorized to use one square mile of land for the erection of our BCB Beverage. The site, which included an unheated metal building about 8 ft. square, was approximately halfway between the towns of Ithaca and Memphis, one mile south of Nebraska Highway 63--a location totally free of manmade noise. We were roughly 22 miles from the nearest BCB transmitter, four miles from the nearest town and slightly over one mile from the nearest river. A more ideal setting for BCB DXing cannot be found.

Reaching the NEBE site required a trek of one mile over land, and the only "road" to our site was frequently impassible. This proved to be the only drawback to our location. The slightest rain or snow made ready access impossible. We could have made the journey on foot, but we would have been unable to carry our receivers, recorders, power and audio cables, etc. Due to this limitation we were able to spend only a few DX sessions at the NEBE site after the antenna was erected.

Comfort in sub-freezing temperatures was possible, thanks to an electric heater, a Coleman stove, heavy coats and a great quantity of hot coffee and tea.

Our Beverage was 3200' (about 0.6 miles) in length, situated on a bearing of 300°, or just west of northwest. The antenna performed much better than we had anticipated. Everything you have read about the performance of the Beverage is true. Any time of the day, the performance was fantastic. The remainder of this article will describe some of our reception observations during the day, night and transition periods.

I. Daytime Reception. Due to the bearing of our Beverage, we were somewhat handicapped in evaluating its daytime performance. The station density along a bearing of 300° in this part of the country is very low. There were some definite surprises though. At our home QTH in Lincoln (some 25 miles to the south), the daytime regulars on 1350 are KRNT, Des Moines, IA, and KMAN Manhattan, KS. At NEBE there was no trace of these stations; rather, KBRX, O'Neill, NE, dominated the frequency with an S-9 signal. Other loggings included KMO, Casper, WY, on 1030, with an S-4 signal, which is totally inaudible at the home QTH in the daytime. K10A, Des Moines, IA, completely dominates 940 in Lincoln. At NEBE, this signal was fighting it out with KVSF, Valentine, NE. In five years of BCB DXing in Lincoln, Choti was never able to log KOSR-610, Chadron, NE; the usual pest being WDAF in Kansas City. At NEBE, KOSR was definitely audible under WDAF. Obviously, the above daytime loggings were only possible due to the signal-snatching power of the Beverage Antenna.

II. Transition Period Reception. DXing both the sunrise and sunset conditions proved to be most interesting. Evening signals from the west appeared at least one hour earlier on the Beverage than on the home equipment. As a result of the antenna's directional characteristics, many sunset sign-offs previously unheard became regulars. The nulling of signals from the east really opened up many of the frequencies. Regular evening sign-offs included KMER-950, Kemmerer, WY, KBHB-810 Sturgis, SD, KHRJ-950, Boise, ID, KURL-730, Billings, MT, and KBLI-690, Blackfoot, ID.

Sunrise skip also was unique. Daytime signals from Wyoming, Montana and Idaho were heard nearly 3-1/2 hours after our sunrise. This is long after the respective signals have disappeared at the home QTH. Stations which could regularly be heard at this time included KURL-730, KGHJ-790, KSEM-1150, KGCK-1480, and KOFI-1180 from Montana, and KME-740, KB01-670, KSEI-930, KAYT-970, KUPI-980 and KEM-1140 from Idaho.

III. Nighttime Reception. Both the directional and the gain characteristics of the Beverage were quite apparent during the nighttime hours. Many pests at the home QTH were totally absent at the NEBE site.

Due to the limitations noted above, we were able to have only two all-night sessions at NEBE. Surprisingly, although both occurred during periods of high auroral activity, reception to the northwest was outstanding.

The most surprising station of all our NEBE loggings had to be KMY-1240, Billings, MT. At a distance of over 700 miles, their 250 watts provided a consistent S-9 signal between midnight and 6 a.m. local time.

One has to hear the tapes of this station to appreciate the value of the Beverage. Fellow DXers Paul Hart, Dick Truax and Bill Nictler have heard some of our tapes and will readily attest to our description.

The following is a summary of some typical after-midnight reception during the Fall of 1972 at NEBE compared to that at the home QTH:

Frequency	Lincoln Dominant	NEBE Dominant
550	KSD, KOY	KYR, KBOW
560	KWTO	KMON
690	XETRA	CBU
730	XEX	CDM
790	KULF, WAKY	KHL
800	XELO, PJB	CHAB
850	KOA (M's)	CJJC
900	XEW, CHRL	CBVI, CUVI
910	KGLC, KPOF	CJVV, KISN
930	WKY	CJCA
940	K10A	CJGX
960	KOOL, WERC	CPAC
970	WAWE, XEJ	KOK, KREM
980	KMBZ	KRM
1030	WBZ	KMO
1060	KYX, WNOE	CRN
1080	KRLD	CRSA
1140	WRVA	KGM, CKTL
1150	CRCC, NINA	KSEN, KAGO
1180	WHAM	KOFI
1230	WQUA	KEEK
1240	KAKE, W1NN	KMY
1260	KVSF	CFRN
1270	FEJZ	CHAT
1300	WOOD, KOW	KOZE
1310	WRK, WIFE	KEIN
1320	W1LS	CHQM
1340	K1CK	KCAP
1350	WSNB	KKLC
1370	WSPD	KXIF
1380	NAOK	KRKO
1400	KTRU	KATI
1410	W1NG, W1ZN	CFUN
1450	K1MW	KUDI
1480	K1MS	KGCK
1510	W1AC	KGA
1520	WXBW (M's)	KYXI

In conclusion, it's difficult to talk about the Beverage Antenna without using superlatives. Everyone should have an opportunity to use this remarkable piece of BCB DXing equipment. Our time spent at NEBE, as explained above, was all too limited. Plans are presently being made to construct a new Beverage "Son of NEBE" this coming summer. Now, if someone will only figure out how to make it both portable and rotatable!

A SIMPLE METHOD OF FINDING THE GREAT CIRCLE PATH AND DISTANCE

Father Jack Pejza

Most of the methods which have been given for figuring out the shortest distance and direction (Great Circle Distances and Bearings) between two points involve trigonometry. While there are relatively simple ways of finding the distances by approximations (cf. DX Monitor, May 4, 1974, Vol. 11, No. 30, pg. 10), there are some DXers who don't feel at home with trig or who don't have a table of trig functions and therefore never bother to find such distances.

Some time ago I came across a relatively simple method of finding the Great Circle Distance and Bearing. The method is entirely graphical; all that you need, besides the diagrams which follow, are a sheet of tracing paper (or transparent plastic) and a protractor. The method comes from D.H. Menzel, Elementary Manual of Radio Propagation, N.Y., Prentice-Hall, Inc., 1948.

First place a piece of tracing paper on top of the world map (Figure 1). With a pen trace the equator. Put dots on the paper showing the location of the two places that you want to find the distance between.

Move the piece of tracing paper onto Figure 2. Line up the equator you traced with the straight center line on Figure 2. Slide your paper sideways, keeping the two lines together, until the two dots fall on the same curve (or are in the same space between two lines). If one of the dots is in the southern hemisphere, then follow the line through the point where they all cross the equator. Trace the line between the two dots. On your tracing paper, draw line Q-Q'.

Move the tracing paper onto Figure 3 and line up the equator with the straight center line. Slide the tracing paper sideways until line Q-Q' lines up with line Q-Q' on Figure 3. Follow the curve you have drawn between your two dots, counting each line you cross. Multiply the number by 1000 to get the distance in kilometers. Multiply this by .62 to convert to miles. For instance, San Diego and Emerald, Australia fall close to the seventh line away from the equator in Figure 2; the line between them crosses 11 lines; therefore the distance is somewhat more than 11000 km, or about 7000 miles.

Put the tracing paper back on top of Figure 1, lining up the equator and the two dots again. The curve you drew will show the great circle path between the two dots. To get the bearing, draw a North-South line at right angles to the equator through your location; use a protractor to measure the angle between the N-S line and the path. For instance, for the path between San Diego and Emerald the bearing is about 210°.

This method is not as accurate as other trig methods of determining the GCD and GCB, but it should at least give a DXer a rough idea of the distance and bearing of a distant station.

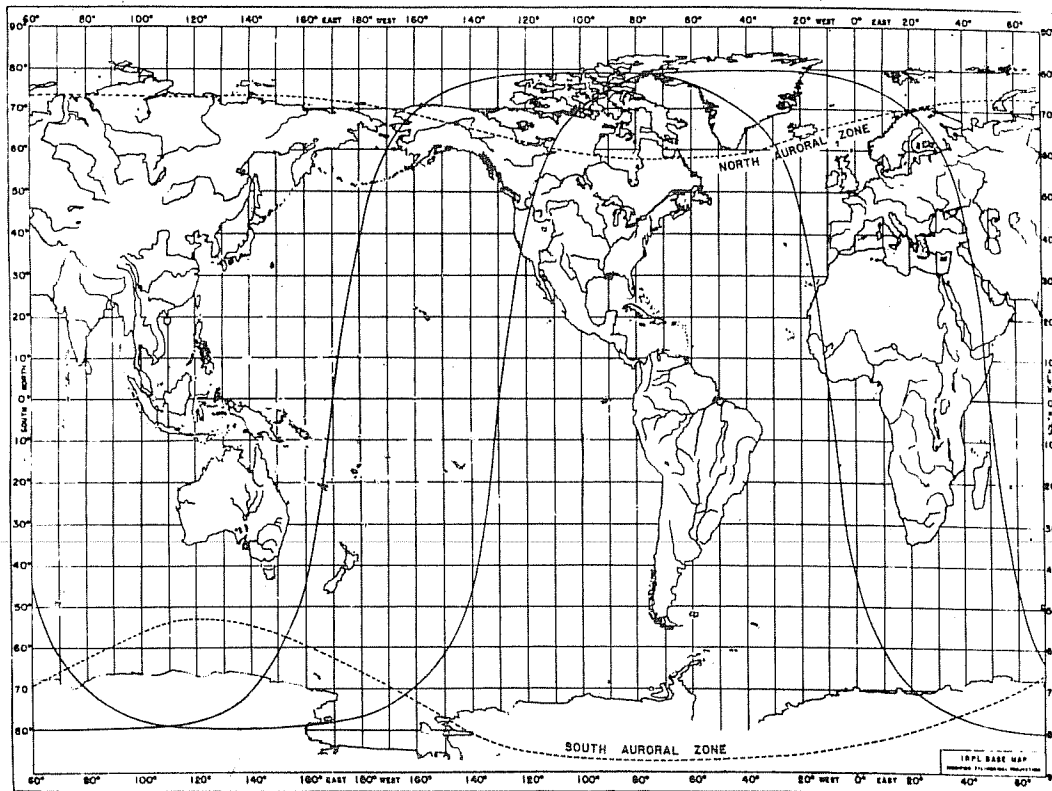


Fig. 1 World Map Showing Zones Covered by Predicted Charts, and Auroral Zones.

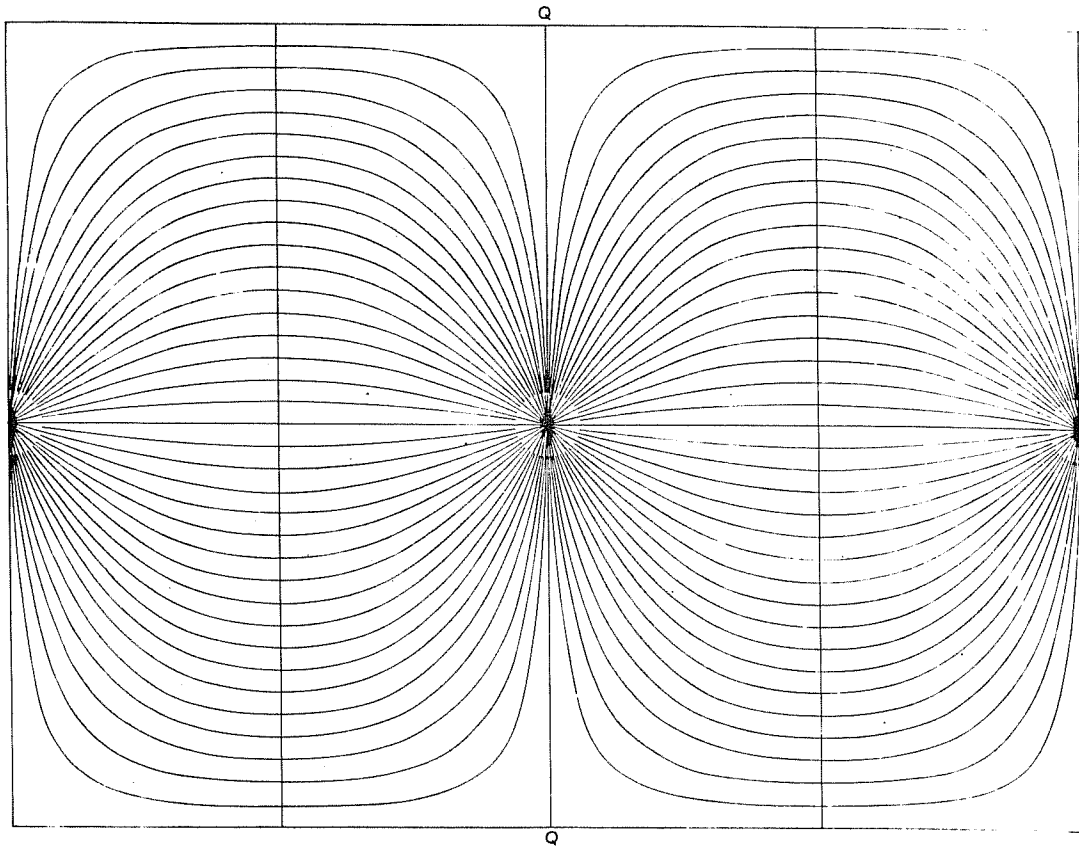


Fig. 2 Great Circle Map.

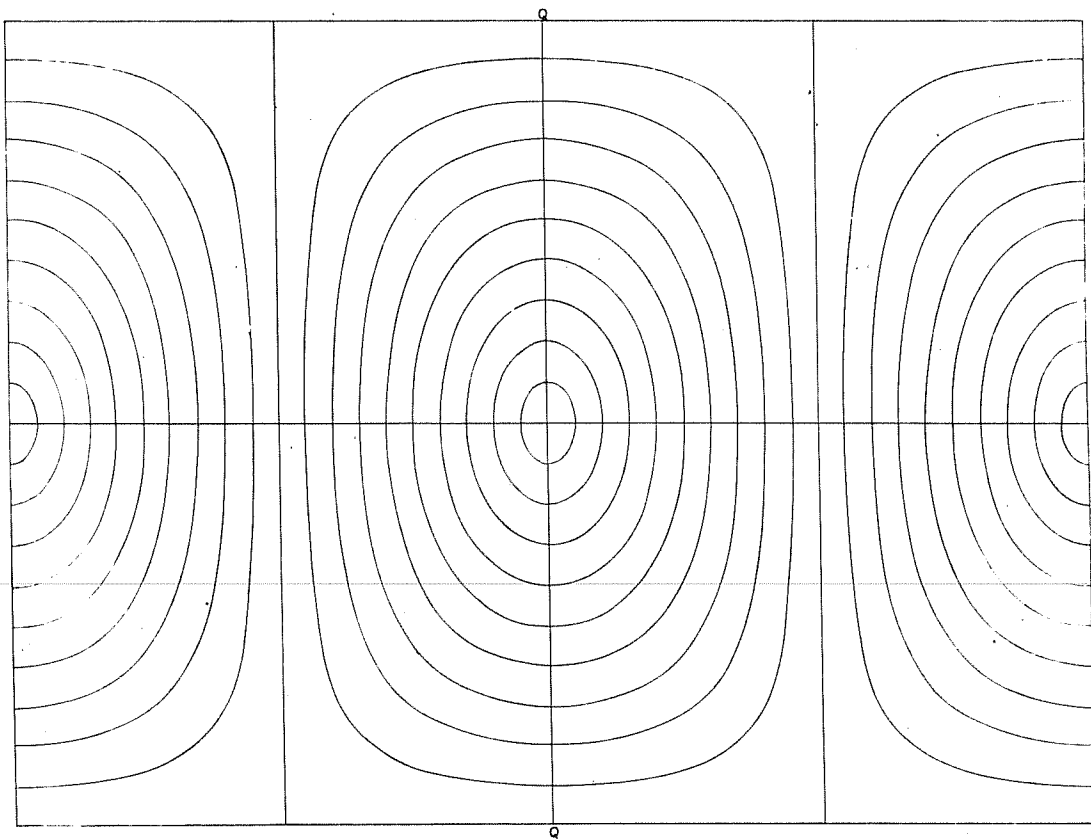


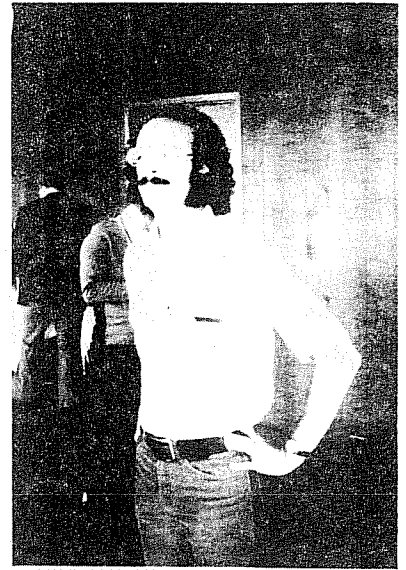
Fig. 3 Distance Circle Map.



1. Sheraton Inn, Renton, WA, site of the 1974 IRCA Convention



2. George Kesteven



3. Larry Godwin



4. Bruce Portzer and Phil Bytheway



5. Mike Worst and Phil Bytheway



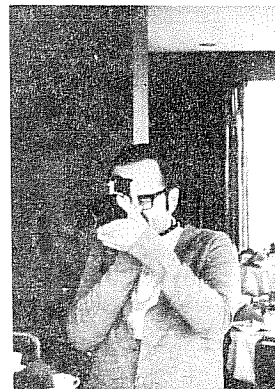
6. Bill Block, Pat Martin, Dave Christiansen



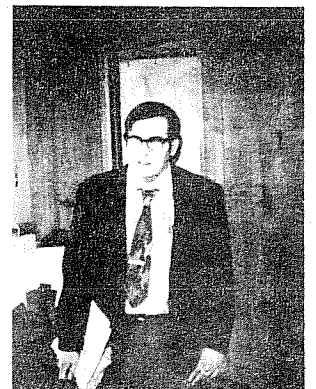
7. Jim Critchett



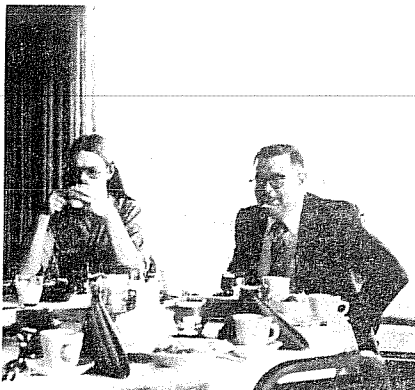
8. Dave Christiansen, Joe Markewicz



9. Percy Kesteven



10. Rick Evans



11. Chuck Albertson, Charley Keleher



12. John Clements, Bill Hardy, Bruce Portzer (standing), Bill Block, Evelyn Vermillion, Percy Kesteven



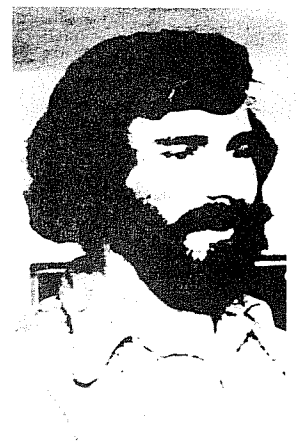
13. Gary Parton



14 Phil Bytheway, Bill Hardy, auctioneers



15. Richard Wolf, NRC



16. Brian Williams



17. Bill Hardy, Bruce Portzer, Nancy Hardy



18. (sitting) unknown, Glenn Goodwater, Dan Sys, Jim Critchett. (Standing) Chuck Albertson, Charley Keleher



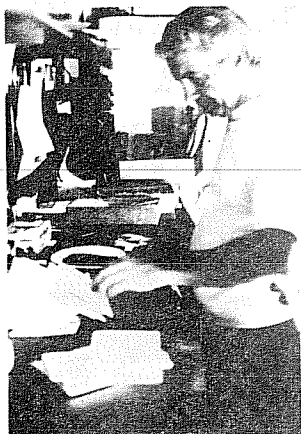
19. Front--Don Erickson, Rob Harrington. 2nd row: Bill Block, Percy Kesteven, Mike Worst. 3rd row: George Kesteven, Jeff Jaisun, Brian Scully, Mrs. Goodwater. Way in back: Dave Christianson, Rick Evens, ?



20. Pat Martin, Dave Christianson, Mrs. Goodwater



21. Brian Scully



22. Ralph Sanserino



23. Father Jack Pejza and Lori Seaver



24. Grant Manning

Credits: all photos by Father Jack Pejza except:
Percy Kesteven: #14,15,16,21
Grant Manning: #22,24

Linda Seaver: 23
Gary Parton: 13

Veloxes by Darryl Belanger

* Non-commercial (N) watts

Radio stations in this directory are listed according to the city that they are either licensed to or located near. This guide was produced with assistance from the following publications, business concerns, and individuals, without whose help, it would not have been possible.

B. F. Communications Services, Inc. (Radio Programming Profile Directory) 7 Crutcher Court, Glen Head, Long Island, New York 11545; Broadcasting Magazine, The Broadcasting Yearbook, 535 Printing of Ann Arbor, Michigan; The Fenton Press of Addison, Illinois; Bureau of Printing and Engraving, U.S. Government Printing Office, Washington, D.C.; Radio Station Directory, Inc., 1000 North Dearborn Street, Chicago, Illinois; The Radio Station Directory, Inc., 1000 North Dearborn Street, Chicago, Illinois; The Radio Station Directory, Inc., 1000 North Dearborn Street, Chicago, Illinois; The Radio Station Directory, Inc., 1000 North Dearborn Street, Chicago, Illinois.

NOTE: If you request additional copies (6 or less) of this radio station directory, and CAN NOT obtain them from the station whose call letters are on the front cover of this directory, and a BUSINESS reply (No. 10), if possible, please, write to: RADIO STATION DIRECTORY, P.O. Box 2336, York, Pa. 17403. If possible, please, include a self-addressed manila envelope, 4x6 inches, and 25¢ in postage. Payment by yourself—who are constantly reminding us of new format changes on both the AM and FM side.

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FORMAT KEY:
(T) TOP 40 ROCK
(P) PREFERRED
(R) ROCK
(O) OLDSIES-ROCK
(C) CONTEMPORARY
(P) POPULAR
See reverse side for further information.
FM-DAY-TIME
FM-STEREO
FM-O. QUAD-FM

Table listing radio stations across various states including Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming.

COMMENT:



A BIG HAPPY ANNIVERSARY TO IRCA! OUR CLUB IS NOW ELEVEN YEARS OLD AND GROWING STRONGER EACH YEAR. MAY IT CONTINUE TO GROW EVEN STRONGER IN THE YEARS TO COME.

Look for my WDXF Anniversary wish elsewhere in this edition of DX Monitor.

SALE

73' + good DX,
Albert

24 issues of Electronics Illustrated. May 68 thru September 72, except March 69 and July 72. All in fair shape! Will take \$7.50 postpaid. (CRW) *

Jerrold Electronics AM Radio Amp. 550 thru 1600 kHz. Model AM-50, Height 6 1/2", width 17" (rack mounting), depth 7". 52 db gain, 15 db noise. Tube compliment: 6BA6, two 6BQ7A, 12BY7A. Schematic in Sam's Photofact 1226. Sensitivity control, 72 ohm in/out. Was unable to figure it out; Jerrold not much help. 9 Lbs., can mail - you pay postage. \$15 / offer & you experiment. (NAV)

wanted

List of all Canadian LPRT stations. Will pay postage (preferably by 4th class mail if postage will exceed first weight class). Write giving details of your cost of duplication plus postage costs. (ASL) *

T.H.S. W.E.S. D.E.T.S.R.
T.H.S. E.K. A.V.R.I.E.S!

(CRW) C. R. Weinstein, Post Office Box 52, Golden City MO 64748 PHONE: (417) 537-8604 PREPAID ONLY!

(NAV) Nicholas A. Vaksvik, 235 Marvin Avenue, Los Altos CA 94022 PHONE: (415) 948-8729.

(ASL) Guess who! *αοι ρε αοα

* Indicates ad appeared previously.



THE INTERNATIONAL RADIO CLUB OF AMERICA

A non-profit club devoted to listening to distant radio stations on the broadcast band (525-1610 kHz)

IRCA is a member of ANARC, the Association of North American Radio Clubs.

OFFICERS: President: Richard C. Evans, Box 392, New Buffalo, MI 49117 (616-469-3866). Secretary-Treasurer: Carl Dabelstein, 3300 N. 56th St., Lincoln, NE 68507. Board of Directors: Father Jack Pejza (Chairman), Bob Foxworth, Nancy Hardy, Percy Kesteven, Ed Krejny, Bill Nittler, John Zondlo.

DX MONITOR: The official magazine of IRCA, published 34 times a year; weekly from November to March, 3 times in October, semi-monthly in April, May and September, and monthly in June, July and August.

MEMBERSHIP AND SUBSCRIPTION RATES: Membership only, \$2.00 per year. Membership and Subscription, \$9.50 per year. Airmail to U.S. and CANADA, \$13.00; to CENTRAL and SOUTH AMERICA, \$20.00; to EUROPE and AFRICA, \$25.00; to OCEANIA and ASIA, \$30.00. Sample copies, 50c or 2 International Reply Coupons. Make all checks and money orders payable to "IRCA." Members outside the U.S. use Canadian Postal Money Orders or International Money Orders payable in U.S. funds. Send all funds for membership, subscriptions, as well as changes of address to Poway address.

PUBLISHING STAFF: Executive Editor: Father Jack Pejza (714-282-2184). Publisher: Grant Manning (714-566-1264). Albert Lobel, Randy Seaver, Dave Stroup, Fred McClelland.

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IRCA publishes the IRCA Foreign Logs, listing over 1500 foreign stations heard on the ECB from North America. Vol. 3, \$3.50; Vol. 2 and 3, \$5.25; all three volumes, \$6.75. IRCA also has an extensive list of reprints of articles and other features which have appeared in DX MONITOR over the years. Send a self-addressed, stamped envelope to the Poway address for a copy of the list. IRCA stationery: 70 sheets for \$2.00; 100 for \$2.75. Rubber stamp of IRCA emblem, \$3.00.

DX MONITOR is printed by Printcraft, San Diego, CA.

RIDE ON

See other side.

with your FREE
Nation-wide
AM-FM
CONTEMPORARY
RADIO GUIDE!

HOW TO USE this handy station directory —

This handy radio station guide was designed so that you will always know the best stations—both AM and FM—when searching for the very best in contemporary music. Stations listed feature: (T) Top 40 hits (P) Progressive—Rock (O) Oldies (hits of the 50's & 60's) or (C) Contemporary—Pop or "soft rock." FM Stereo stations are marked with an S with a Q indicating Quadraphonic. AM stations on the air only during the daytime are marked am-d.

Every effort has been made in order to make this the most accurate listing of stations available. However, because radio stations tend to change formats with almost daily regularity, it is not possible to print a directory with 100% accuracy. If you should notice any significant omissions or errors, please let us know.

This radio guide was developed and edited by Arthur R. Vuolo, Jr. (Director) Logos Unlimited 2345 Twin Lakes Drive Suite 2-B (Post-It), Michigan 48197. © 1974 Logos Unlimited

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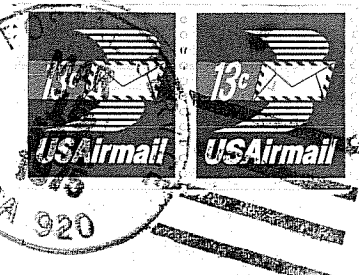
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