



DX MONITOR



PUBLISHED BY
THE INTERNATIONAL RADIO CLUB OF AMERICA

VOLUME 12 NUMBER 17 JANUARY 18, 1975

DX CALENDAR DX CALENDAR DX CALENDAR

END OF SECOND CLASS

All times Eastern Local Time

Mon. Jan. 27	0100-	WEAQ	790 Eau Claire, WI	5kw U2
	0200-	WLCK	1490 La Crosse, WI	1/.25kw U1
Mon. Feb. 3	0145-	WEOK	1390 Poughkeepsie, NY	5kw D3
	0230-0300	WMBS	590 Uniontown, PA	1kw U2
	0300-0330	WLBK	1360 DeKalb, IL	1kw D1
	0330-0400	KLAD	960 Klamath Falls, OR	5kw D1
Mon. Feb. 10	0100-0200	WGIL	1400 Galesburg, IL	1kw U1
	0200-0300	WPUT	1510 Brewster, NY	1kw D1
	0300-0330	WNNO	990 Wisconsin Dells, WI	.5kw D1
Mon. Feb. 17	0000-0300	WEJL	630 Scranton, PA	.5kw D1
	0300-0330	WCRV	1580 Washington, NJ	1kw D1
	0400-0430	WBFN	1500 Quitman, MS	1kw D1
	0400-0500	KCRL	780 Reno, NV	50kw U2
Mon. Feb. 24	0200-	WAUB	1590 Auburn, NY	.5kw D3
	0300-0330	KTHE	1240 Thermopolis, WY	1/.25kwSH1
Wed. Feb. 26	0030-0100	WEXT	1550 West Hartford, CN	1kw D1
Mon. Mar. 17	0000-0100	WBJW	1440 Winter Park, FL	5/1kw U2
Mon. Mar. 24	0230-	WOTT	1410 Watertown, NY	5kw U2
Mon. May 5	0000-	WIXE	1190 Monroe, NC	.5kw D1

WEAQ-- although an AN station, will leave instructions for the DJ on duty the morning of the 27th to provide ample IDs and log their times for program references, as there isn't much commercial matter at that time. WEAQ plays top-40 type music. Verie' signer will be Hank Kaul, WEAQ Engineering Department, P.O. Box 1, Eau Claire, WI 54701. Arranged by Victor C. Loberger for NNRC.

WLCK-- another AN station; will dedicate the hour 0300-0400 to NNRC, if information has been provided them. They will transmit the call letters in code every 10 minutes during the hour and on the hour after a record, with a 1 kHz tone. Veries go to Joe Rohrer, President and Manager, WLCK, Box 821, La Crosse, WI 54601. Arranged by Victor C. Loberger for NNRC.

WEOK-- will test with music and voice IDs. Reports go to John Kostenko, CE, WEOK Broadcasting Corp., P.O. Box 416, Poughkeepsie, NY 12601. Arranged by Kenneth Van Tassell for NNRC.

WMBS-- no program data. Send reports to William J. Henzly, CE, WMBS, 82 West Fayette St., Uniontown, PA 15401. Arranged by Gene Vonderembse for NNRC.

WLBK-- no program data; 1 kHz tone requested. Send reports to Jerry Cerny, 711 N. First St., DeKalb, IL 60115. Arranged by Skip Dabelstein for NRC.

KLAD--will transmit 1 minute of 1 kHz TT after every third record. Signer will be Mathew J. Penkauskas, CE, KLAD, Box 960, Klamath Falls, OR 97601. Arranged by Skip Dabelstein for NRC.

The Inside Story

- * Nancy Hardy's first WDXR
- * A Baja Journey-- FJP
- * The rest of the membership list
- * Veries-- Karl Forth
- * DX Contests-- Walter Kuenast
- * FCC Rules on Presunrise Authority-- Bill Hardy
- * IRCA Country List-- Mike Worst
- * Territory-Geometrical BCB DXing-- Ghoti
- * NEBE-- Ghoti

As announced several issues ago, we finally have received our second-class mailing permit, after nine months of waiting. We have also received a considerable refund check for the difference in postage between the first class rates we have been paying and the second class rates.

We have informed the postoffice that we are going to drop the second-class permit. The considerable delays experienced by East Coast subscribers has made it impossible to continue this form of mail service. It is unfortunate that second-class didn't work out, because the savings would be considerable. For instance, on a bulletin of this size, instead of paying 20c for first class, second class would cost about 2c apiece. However, such is life. IRCA was the first club to try to obtain a second-class permit; we felt that with the savings realized we would be able to even lower our rates. Now, with the cost of everything (including postage) going up, it seems inevitable that we also will have to increase our rates. Several of the major shortwave clubs will increase their dues from \$10 to \$12 in the near future; NRC is already \$14 a year. However, that's not for SDPC to decide.

CPC Results

Gene Martin reports hearing a French station on 1210 apparently looping south of Haiti, rivaling WCAU at times. First heard at about 0715 GMT 1/6.

WGOM heard by Rick Evans (MI) fair/weak under/with XEMO. Not heard by Karl Forth (IL).

WIMS not noted by Evans, only 10 miles away. Faint TT heard, but mostly under CKPT. Called station, but no reply. Forth adds also that they weren't on apparently, as they are a daytime regular for him also.

WMLO not heard by Forth, with extreme CKLM/XERF QRM. **WCWC** poor for Forth under KATZ and WWRL with phone calls, several code IDs, some music.

WACE not heard by Forth because of XEX/CKAC QRM.

KFST not heard by Forth; only Radio Clarin.

KINN heard by Forth way under KFJZ; one ID heard. Some TT and he believes some music.

WVYX, TTs noted 0253-0255 by Ball (Ont); positive ID 0256 under WIRE, WNJR; CKFH was off. Portzer (WA) tried but no luck. With KARM nulled, all he could get was a KOL ET.

KTJS-- tentatively very weak under presumed WHK for Ball; with mentions of Hobart, OK. Portzer noted it fair/weak with KSTN nulled. Used C&W music.

WGAC not heard by Ball due to very heavy CKEY slop and others on channel.

Geomagnetic Indices



In last issue, BP gave the equivalent values between the K-index now being broadcast by WWV at :14, and the A-index, broadcast at :18. Richard Varron, in the propagation column of ASWLC, for January 1975, gives slightly different values:

K	A	
0	0-1	quiet
1	2-4	quiet
2	5-7	quiet
3	8-14	unsettled
4	15-29	active
5	30-49	minor geomagnetic storm
6	50+	major geomagnetic storm

eastern dx roundup

Editor: Mike Milock,
Box 533
Lorain, OH 44052

DEADLINES: 1/27; 2/3; 2/10; 2/17; 2/24

580 **GAC** GA AUGUSTA; 12/31 DX not hrd, was to have been code IDs in RS. (TRS)
920 WTCW KY WHITESBURG; Was in v'y strong 12/29 from 0658 s/on. CBS Nx 0700-06 followed by KY state Nx 0706-11 tune-out. (ELK)
940 WCIT OH LIMA; Was all alone on the channel 0740-45 on 12/28 w/pgm. For Social Security Administration. "The Christopher Program" followed. Wish they'd verify! (ELK)
990 WNRV VA NARROWS; Noted in well 12/28 w/spot for Omega Mobile Homes at 0735-37 but unn. (ELK)
1340 CKAR1 ON PARRY SOUND; More serendipity DX! Was sitting on the channel 12/30 when they faded in w/an ID at 0100. Nx and s/off ancts followed. Anthem to apparent s/off at 0103. Log Change. (ELK)
1420 **TJS** OK HOBART; 12/30 DX Not hrd, apparently WHK testing. (TRS)
1430 **VVV** IL HIGHLAND PARK; 12/30 on DX early at 0135, first ID 0204, others circa 0215, super signal o/CKFH, WNJR. Appeared to be using 600 hz TT, someone else noted 0210+ w/mostly 1 khz TT, ID 0227:30; have yet to decipher tape. WVVX New. (TRS)
+ In easily on DX-ET w/TT 12/30 0205-25. (ELK)
1600 *WJNJ* FL ATLANTIC BEACH; 12/30 w/ET-TT-mx noted 0120-0130 s/off, even atop WRRL & others using omni antenna. New. (TRS)

REGULAR CHECKS:

1470 WJDY MD SALISBURY; Noted 12/23 w/RC-TT 0022-25. (ELK)

BROUGHT TO YOU THIS WEEK BY:

(TRS)-Tom Sundstrom/Willingboro NJ/ HQ-150 w/SM-2 & SB-620; Drake SPR-4 w/3 antennas.
(ELK)-Ed Krejny/Middleburg Hgts. OH
++++
Where are all the troops? Pretty small column this week. Let's hear from you guys-n-gals out there! Let's make EDXR the biggest! (hi, Charley!) 73, and good DX to all in '75!

central dx roundup

Editor: John C. Keleher,
Box 7543, Fairfield Stn.
Fort Wayne, IN 46807

THE HAT TIPPED THIS WEEK TO:

DAB - DARYL BELANGER, Box 495, Swan River, Manitoba (Trio 9R59, SM-2)
PB - PHIL BOERSMA, 15570 Cleveland St., Spring Lake, MI 49456 (RF-1600,60' LW)
JB - JIM BOYD, 9CL7 E., 29th Court, Tulsa, OK 74129
JDF - JAY FLORIAN WDX9KIK, 300 East Main St., Round Lake, IL 60073 (RF-5000a,70' LW)
KDF - KARL FORTH, 630 South Ardmore, Villa Park, IL (HQ-160, SM-1)
MH - MICHAEL HOGAN, 4811 Euclid Ave., East Chicago, IN 46312 (Hitachi KH-966)
RPF - RALPH KEMPER, 297 - 27 3/8 Rd., Grand Junction, CO 81501 (Norelco Portable)
REM - ROBERT MCKINNEY, RR #2, Clinton, IL 61727 (Halli S-120, SM-1)

550 CKPG BC Prince George, 12/23 0524-43, audible fairly well in KBOW's OC w/IDs as "CKPG, CKMK," R&R and spots (DAB)
KBOWMT** Butte, testing w/OC, TT, and periodic voice IDs o/CKPG, KFYZ nulled (DAB)

KFYZND** Bismarck, testing w/OC, super strong this eve., no IDs noted
560**WOOF**AL** Dothan, 12/30 TT in (DAB) this direction, called and requested ID, which was heard u/WIND OC at 0547 (KDF)
WQAMFL** Miami Beach, 12/23 0403, ET/ID only hrd u/WIND OC (KDF)
WGAN ME Portland, weak 12/30 0346 w/TC, soft Mx, jingle 0348, 1st ME(PB) (whoops, missed one)
550 WSAU WI Wausau, 12/23 0524-43, mixing w/CKPG, at times w/KBOW, KFYZ OC nulled, weak, 2 IDs taped
570 CKEK BC Cranbrook, fair (DAB) with UnID weak QRMer, Christmas Mx, fady, recognized Nx man's voice from 1240 receptions(DAB)
WNAXSD** Yankton, 12/23 0320-59, strong OC testing, few IDs as "WNAX, 570 khz" (DAB)
UnID ?? Station heard w/SSB at s/off on 12/16 at 0302, very weak but clear. Not heard on any MMs since, any ideas? (JDF)
620 CFCL ONT Timmins, definitely heard 12/16 2004 w/end of CBC FF Nx, ID "Ici CFCL" followed (PB)
KWFT TX Wichita Falls, weak 12/23 w/Nx 0400, no ID on hr, but gave one 0407 during Wx (PB)
680 WWBA FL Saint Petersburg, 12/29 0633, fair o/UnID classical Mx w/Wx report and spots, then hrd Radio-68 ID (JDF)
WCBM MD Baltimore, 12/23 0206, fair over QRM w/promo for the WCBM Secretary of the Day and Christmas Mx
WMPS TN Memphis, 12/29 0815, (JDF) finally heard this one w/SID, PSAs, and "Men and Molecules" pgm, all alone (JDF)
690**WAPE**FL** Jacksonville, 12/30 noted with TT of various pitches from 0140 to 0203, annmct 0156 saying "WAPE Jacksonville 0156," in over Cuban (MH)
710 WROM GA Rome, 12/29 0718, fair w/spot(KDF)
WTPR TN Paris, 12/29 0726, good o/WROM w/spot and Wx (KDF)
720**KQRX**NV** Las Vegas, 12/16 0434, mostly u/WGN w/ID, pop organ Mx (RPF)
730 KSUD AR West Memphis, 12/22 1758, very poor w/WGN slop w/s/off (KDF)
WFMW KY Madisonville, 12/30 1720, fair thru WGN slop and KWRE w/spots and mention of FM (JDF)
KWRE MO Warrenton, 12/30 1730, good over WGN slop w/local Nx, but then faded quickly (JDF)
740**KRMG**OK** Tulsa, exlnt 12/30 0431-33, on ET w/TT/OC and ID 0432 (PB)
800 WHOS AL Decatur, 12/29 0739, fair, on top of freq. w/SID and gospel Mx (JDF)
WSHO LA New Orleans, fair with Country-politan N.O. (?-Ed.) WSHO ID and C&W Mx 1753 12/30. S/off w/no SSB 1758 (JB)
CHAB SAS Moose Jaw, 12/29 0657, tentative, fair o/CKLW w/R&R Mx, ID heard that sounded like CHAB but could have been CJAD, anyone sure?(JDF)
850 KEYH TX Houston, 12/24 1754, fair with Wx and "Key" sports (KDF) (You may be the first to report this station, Karl, new this year-Ed.)
900 WGOK AL Mobile, 12/22 1800, fair w/WLS slop w/"soul" s/off (KDF)
960**KFLN**MT** Baker, 12/28 0230-41, exlnt on r/c, 1K TT w/3 IDs (KDF)
990 WERK IN Muncie, 12/16 0825, fair o/WCRM w/Wx, "Werk" jingle, R&R Mx (PB)
1050 WRFS AL Alexander City, 12/28 1745, good w/s/off (KDF)
WFSC NC Franklin, 12/28 1728, poor under WSMT w/s/off (KDF)
WSMT TN Sparta, 12/28 1730, fair with s/off (KDF)
1080 KOAK IA Red Oak, w/Dateline Nx, s/off w/SSB 1759 12/27 (JB)

January 18, 1975

1100 WHLI NY Hempstead, 12/14 0805, fair to good, o/u WWWE w/Nx (JDF)

1130**KWKH**LA**Shreveport, ET w/OC, weak TT O110 12/30 (JB) WLOK TN Memphis, 12/18 0111, good in WJOL absence w/soul Mx, spot(KDF)

1190 KEX OR Portland, noted 12/30 again w/MOR 0355-0400, faded down u/KLIF 0400, so no ID hrd, Nx 0400-07, then more MoR, 2nd time hrd in 2 months (PB) 1360 KXOL TX Fort Worth, fair 12/24 1749 with Wx, R&R (PB)

1220 KVSA AR McGehee, 12/13 1758, Nx, spots, :59 s/off and SSB, o/u WGAR, fair, a regular now (JDF) 1370 KGNO KS Dodge City, 12/30 1810, fair thru WSPD w/Kansas state Wx report, then spots and one clear ID (JDF)

KLPW MO Union, 12/15 1743, fair o/WGAR w/s/off and SSB (JDF) 1380 WMEE IN Fort Wayne, s/on 0500 12/30 after SP "for xr maintenance." Is this regular? (JB) (Has been for awhile, keeping my fingers crossed-Ed.)

KZEE TX Weatherford, 12/16 1815, fair w/KRMC w/spot and ID (KDF) KUDL KS Fairway, 12/26 blasting in over WMEE/WBEL w/oldies R&R, Nx 1855 and ID 1900 as "KUDL Fairway"(PB)

C??? ?? UnID stn u/XEB w/EE annmt and orchestral Mx, looped NW but had to loop XEB, who? O113 12/30 (JB) WYNK LA Baton Rouge, 12/30 @ 1808 with s/off announcemnt. stated they would return to the air at 6:00 AM. the following morning. Also said continued listening could be had on WYNK-FM. 101.5. This station 500 watts. Taped. (MH)

1230 WCUZ MI Grand Rapids, has dropped CBS net, now has Mutual Nx on hour. Probably did this because they and WJFM (FM-also CBS) are no longer owned by same company(PB) 1390 CHOO ONT Ajax, fair-good w/Nx, C&W Mx O149-52 12/28, 14-Choo promos (JB) o/u WNUS with "14-Choo," C&W Mx and many local spots O115 12/28 (REM)

WHBY WI Appleton, 12/18 0231, surprise w/end of Nx and ID (KDF) UnID ?? Who is the stn here with tele-talk program AN? Hrd MM 12/30 at O132 (JB)

1240**KVRC**AR**Arkadelphia, 12/18 on r/c, poor in WEDC null, O136-41 TT 1 khz, back O151 because monitor couldn't pick 'em up (KDF) UnID ?? Mysterious station hrd on 12/30 from 2000 to past 2100 in what I believe was Russian. Folk Mx played, o/WNUS/WFBL, ideas?(JDF)

CFEK BC Fernie, good o/WJMC at s/off, 12/23 0217, "Voice of the Canadian Rockies," // CKEK(DAB) 1400 KCLA AR Pine Bluff, 12/18 0132, fair o/KFRU w/ID and rock Mx (KDF)

CJAR MAN The Pas, exlnt at s/off 12/23 0213, 19 hrs a day, classical Mx before, dominant nites (DAB) WIEL KY Elizabethtown, s/on 0532 12/30 w/SSB, then R&R Mx and "Mx Radio-WIEL" SIDs (how original, hi) (JB)

WJMCWI**Rice Lake, 12/23 0208-20, exlnt on DX-f/c w/TT, Mx and voice IDs but buried during CJAR, CFEK s/off (DAB) KTTS MO Springfield, 12/30 0415, good w/"The Streaker," Wx 0417, jingle, usual mess QRM (PB)

1250 WGL IN Fort Wayne, 12/19 good o/WTAE/WEMP (they have that QRM here too-Ed.) with "White Christmas" song 1924, John Grayson sitting in for AWO, who was at a WGL Christmas party. Have fun, Al? (PB) (I think he made it up for his 6 P.M. show the next day-Ed.) KWON OK Bartlesville, weak o/u QRM with K-WON R&R Mx w/YL DJ, O155 12/28 (REM)

KCFIIA**Cedar Falls, s/on for announced F/c O107 12/29, used 1 khz tone CHWO ONT Oakville, 12/23 0111, // (JB) Fair-good w/a hockey game, over WTAE and WREN (JDF) 1410 WUNI AL Mobile, 12/30 1800-07, good, over all w/NBC Nx then AL state Nx (JDF)

1260 KGBX MO Springfield, fair 12/26 u/WIBV at 1951, w/CLs (?-Ed.) during a talk program (PB) **WZST**FL**Leesburg, good signal w/TT and ID, then gone O103-05 12/28 (REM)

1270**WKSJ**AL**Pritchard, 12/30 0119, dT and final ID, listed as WZAM, are these correct calls? (JB) (WKSJ per VJ and White's-Ed.) KCLO KS Leavenworth, 12/30 1759, fair u/WUNI w/s/off, no SSB (JDF)

WJJC GA Commerce, 12/23 0559, fair with SSB and s/on (KDF) WPGC SC Clinton, 12/29 0600, strong w/s/on until WAZY s/on (KDF)

KINNNM**Alamogordo, 12/21 0225, IDed on F/c w/TT, o/u KFJZ (RFK) 1420**KTJS**OK**Hobart, good 12/30 0333 on DX test, w/TT, lots of talk by guy at mike 0334, said they were now at full power (weren't at s/on), read Wx, good thru 0337 (PB) Good on DX w/IDs, some western swing Mx, taking phone calls on air, hrd 0334-0400 12/30 (JB) Fair-good 12/30 0357-0400, on DX, o/WHK, w/address and temps. given, then s/off, hrd only this much due to a faulty alarm clock!(JDF) Good 0330-0400 12/30, on DX with frequent Wx, mentions of the full moon, several callers(KDF) 12/30 0333, o/KSTN w/ID, Wx and TT on ET-DX (RFK)

WCGC NC Belmont, 12/23 0600, in briefly w/s/on and Nx (KDF) KPEP TX San Angelo, poor o/u QRM w/C&W Mx and s/off by GM James Stone, no SSB, 1830-45-12/26 (REM)

KIMLWY**Gillette, weak to fairly strong o/KFJZ with r/c, using TT and MST TC's 0215-30 12/28. Long s/off mentioned 2-tower DA-N and 0755 s/on (REM) 1430**WVWV**IL**Highland Park, 12/30 0301 w/TT, several IDs, later had rock Mx, wonder how far this got out(KDF)

1280 WADO NY New York, 12/30 0500, fair under CJMS w/SSB and s/on (JDF) 1440 KDNT TX Denton, good 2135 12/24 w/DJ wishing a Merry Christmas, Christmas Mx (PB)

WONW OH Defiance, o/u, mostly u/CHAM/WGBF w/C&W ending 2000, ID heard weakly, stn #500 (PB) KETX TX Livingston, 12/23 1816, good w/s/off and FM mentioned (KDF)

1300 KXXO OK Tulsa, noted off all morning 12/30, MM. Hope it's regular(JB) 1450**KXXL**MT**Bozeman, 12/16 0348+, w/f/c, TT and weak IDs as "KXXL, Bozeman, MT, testing," repeated (DAB)

1310 KBUZ AZ Mesa, fair signal 12/30 0430 with ID and Nx. Bad QRM from WIFE and the KBUZ annrc was hard to understand. New (JB)

1320 KRLW AR Walnut Ridge, 12/22 1745, fair w/Messiah, then s/off w/SSB(KDF) KELO SD Sioux Falls, 12/18 0600, poor u/UnID w/s/on (KDF)

1340 WLBC IN Muncie, 12/18 0530, fair-poor w/s/on and jingle (KDF) WBAC TN Cleveland, 12/30 0503, finally hrd w/SSB and s/on thru WJOL(KDF)

(that's a per list r/c, only noted previously as 15 mins. late-Bd.)

- 1460 WXOK LA Baton Rouge, 12/23 w/Mx, ID yelled by DJ 1804, very weak u/WBNS
- WCMB PA Harrisburg, weak under (PB) WBNS 12/23 1800, popped up for ID (PB)
- 1480**KLMS**NE**Lincoln, 12/23 0125+, noted in passing, on ET w/ID at s/on, exlnt o/WISM (DAB)
- 1490 CFWB BC Campbell River, 12/16 0329, weak w/Total Radio Wx, CFCP-CFWE SID, then R&R. Pest KAIR off, KLNG the main QRM. (RFK)
- KVWC TX Vernon, o/QRM briefly w/C&W Mx, "Radio 149" promo and local spot 1816 12/29 (REM)
- 1500 KGMR AR Jacksonville, 12/13 1748, good o/WDEE w/spots and Christmas Mx (JDF)
- WSEM GA Donalsonville, 12/23 1741, good o/KSTP w/spots, MoR Mx, s/off 1743 w/SSB (JDF)
- WMJL KY Marion, 12/15 0738, fair-good until local sunrise w/spots and preview of day's pgms (JDF)
- KDFN MO Doniphan, 12/14 1742, fair over WDEE/WKAX w/Nx, then s/off, no SSB hrd (JDF)
- 1550 KKHI CA San Francisco, 12/16 0218, fair o/UnID SS and UnID TT, w/SID then classical Mx, 0250 Nx, 0254 s/off and SSB (JDF)
- WJIL IL Jacksonville, 12/18 1736, fair o/WRHG/KKJO/CBE w/spots and Nx (JDF)
- 1560 WAGC AL Centre, 12/28 1724, fair thru WQXR/WDXR w/religious talk, then Nx, Wx report (JDF)
- KKAA SD Aberdeen, 12/26, in on SSS 1705-12 w/CBS Nx break 1705, ads, jingle, C&W (PB)
- **WGLB**WI**Port Washington, 12/16 0326, a weak ID heard u/UnID OC, probably an ET (DAB)
- 1570 WTQX AL Selma, 12/23 1745, good o/WONA w/gospel Mx and black religious talk, then s/off, no SSB (JDF)
- KBJT AR Fordyce, 12/23 1801, fair with s/off (KDF)
- KMAR LA Winnsboro, 12/23 1800, good w/s/off thru many other s/off's, ment. of 95.9 FM, no SSB (JDF)
- WHII MS Bay Springs, 12/15 1801, fair-good o/KOLS w/s/off and SSB, caught location in address (JDF)
- 1580 WEYY AL Tallegaga, 12/22 0745, fair o/mess w/s/on, no SSB (JDF)
- KTUF AZ Tempe, 12/14 1837, fair u/WCLS w/K-Tuff Gold Rush Contest, C&W Mx (JDF)
- WRBJ MI Saint Johns, 12/14 0759, good o/UnID w/ad for chewing tobacco, ABC Nx (JDF)
- WESY MS Leland, 12/13 1800, fair with s/off, no SSB heard (JDF)
- 1590 KPBA AR Pine Bluff, 12/26 1745, fair o/WVNA/WWUN w/R&R Mx and spots, lost to QRM quickly (JDF)
- KDEX MO Dexter, 12/13 1744, good o/WAKR w/s/off, ment. FM, no SSB (JDF)

PER THE LIST:

- 3rd Tues: WPED-810-VA 1 khz T (KDF)
- WVNA-1590-AL Dixie Mx (KDF)
- KCCT-1150-TX T, 5m IDs (KDF)
- 3rd Weds: WFIX-1450-AL dT, 2m IDs (KDF)
- 3rd Thurs: WJZM-1400-TN T, 3m IDs (KDF)
- WSSO-1230-MS dT, 5m IDs (KDF)
- 3rd Sat: KEYJ-1400-ND 0120-35, T, 3m IDs (KDF)

In the 12/7 CDXR, credit one KDLT-540 and one CKNX-920 tip to Ralph Kemper; I typed RSK in by mistake. Sorry about that, Ralph (RFK).

Please do not use "w/" to refer to your QRM. With "over," "under" and "thru," you should get by OK. Some of the tips sent in, have to be read over about 3 times to figure out what they mean, and this doesn't help any.

I didn't want to bother with this but it has gotten out of hand. If you hear a stn saying 15-Q or somesuch, it is not an ID. These are promos. Conversely, if you hear WLS saying WLS, it is not necessary to say "ID as W-L-S." If you hear WERK saying "W-E-R-K," just say you heard an ID. If you hear them say "Werk (sounds like work) Radio" say you heard that, as a promo.

Some have asked why I do not allow AK or HI stns in CDXR. The rules are, that these are foreign countries for DX purposes, and should go to DXWW. DXWW has always served as a center for analysis of real-long-haul reception conditions, to a much greater extent than the Roundups, so that is another reason why they should go there. Also, if I heard a tentative HI, I might want to check back on past info, and my hunting would be much easier if it were all in DXWW, and I didn't have to go thru all the roundups. If you send an AK or HI to me, it will be sent to DXWW if and when I report to them. Better to send it there yourself and save a lot of trouble. 73-Charley

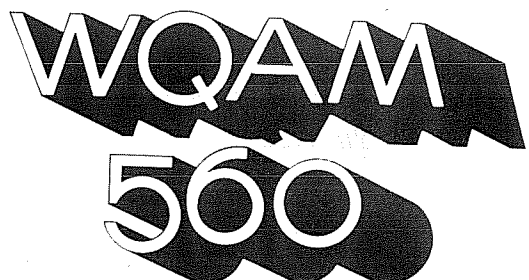
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**western**  
**dx roundup**  
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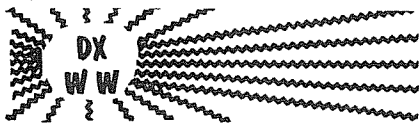
Editor: Nancy Hardy - 2301 Pacific Ave. - Aberdeen, WA 98520
Deadline: Wednesdays (for now)

Contributors for this issue:

- (EHa) Bill Harang - 811 Nevada Ave. - San Jose, CA
- Lafayette HA-63 A, 50' longwire
- (BH) Bill Hardy - 2301 Pacific Ave. - Aberdeen, WA
- Lafayette HE-30, SM-1
- (NH) Nancy Hardy - 2301 Pacific Ave. - Aberdeen, WA
- Lafayette HE-30, SM-1

- 550 CKPG BC Prince George 12/23 0511 while looking for KAFY test, in fair w/loud TT nullled that could have been KBOW. Nothing that sounded like KAFY however. (BH-WA)
 - 570 *KCNO* CA Alturas 12/23 0453-0500½ when it left air, DX test w/Christmas & MOR mx, ID's 0454, 0456, 0458, 0500½. Excellent sig w/strong KVI nullled. New logging here. (BH-WA)
 - 860 CFPR BC Prince Rupert 1/4 1005 very strong w/end of CBC nx from Vancouver, then lady annor w/BC wx, CFPR ID and MOR mx. (NH-WA)
 - 950 KMER WY Kemmerer 1/1 1915 s/off very faint thru dominant KBRJ w/KJR nullled, very weak "Have a Happy Day" vocal jingle at end. May have had Inter-mountain nx before s/off. (BH-WA)
 - 1300 KOZE ID Lewiston 12/30 0310 u/KOL w/PSA, SID & Barry White's "You're My First, My Last, My Everything." (BHa-CA)
 - 1310 WRR TX Dallas 12/23 0615 fair w/ID & MOR mx along w/wx. (BHa-CA)
 - 1430 *KTYN* ND Minot 1/8 0205-0214 TT avg to poor thru KLO/KARM w/tone break every 3 min., very poor audio 0214 seemed to be regular KTYN s/off. (NH-WA)
- It's good to be back editing a column. I hope to receive a lot of reports from you WC'ers.





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PAN AMERICAN DX ROUNDUP

540 COLOMBIA, Bogota, HJKA is still here per ID hrd 12/30 0800. Definite "Horizonte" & RCN IDs including a Holiday greeting in EE by a YL. Good signal & clearly dominant altho someone weakly in the background (ELK-OH) DOMINICAN REPUBLIC, Santo Domingo, Radio ABC, 12/30 picked out ID at 0500 just ahead of XEWA ID & "La Hora Nacional", poor signal, new (TRS-NJ) ECUADOR, Guayaquil, "R. Servicio Tropicana" in w/a super signal on 12/23 twixt 0725 & 0745. Romantic mx. Only slight QRM. (ELK-OH)

550 JAMAICA, Montego Bay, RJR in well 12/23 1046-1056 when lost to domestic s/ons. Many ads help make an easy rpt.

570 DOMINICAN REPUBLIC, R. Cristal a pleasant surprise to hear 12/16 0807-25 w/pgm of dance mx for Brugal Rum (ELK) VENEZUELA, Villa de Cura 12/30 1051 w/man & YL alternating //670 (JB-OK)

575^t COSTA RICA, San Jose, TIWA, R. Musical tent. 0505-0535 f/out w/mx & vry little talk, weak in noise level---but who else can it be? (TRS-NJ)

590 COLOMBIA, Medellin, R. Sutatenza hrd, ID by //700/810 12/23 0935. New (EF-NY)

595^t DOMINICA hrd 12/19 0218-0230 s/off soft mx, OM, then NA (short-1 min) of some sort. No ID hrd but pgm matches & is only stn of the like on 595. QRM from local on 600

625 COSTA RICA. R. Omega noted w/improved sig /IMA-MI) 12/30 0340 but can't be certain whether this means they have new 50 kw xr or just better cx (GMS-ON)

640^c CUBA, La Habana vry strong 12/30 0815 o/u mull'd KFI in SS w/several Cuba mentions & IV de Cuba ID 0815 (EGR CA) Noted playing U.S. c/w & folk songs 0510 1/h, wonder if this is a side effect of Johnny Cash's trip to Moscow. 590, 600, & 630 all //, R. Liberacion & RHC ment'd. IF 720 & 780 Cubans are doing this it may explain recent submissions to CDR of EE songs hrd u/Chicago stns. Hope nobody mistakes 'em for KQRX or KQRL (JCK-IN) Me too, since KQRL is classical & KQRX isn't even on yet! b/ GUATEMALA, Guatemala, TGW, IV de Guatemala 12/11 0300, typical CA mx, ment. of Guatemala, 4 chimes at 0300. QRM de Ondas Portenas resulted in poor sig for TGW. First time hrd this year (IMA-MI)

645 PARAGUAY, Coronel Oviedo, R. Caaguazú finally logged 12/16 0826-0905 by which time it had disappeared completely. Severe QRM from WSM TT. Managed a definite ID & ment of Coronel Oviedo (ELK-OH) 1/6 0840-0903 harp mx, OM giving occasional ID after songs. Many ments. of "Buena mx para todos el Paraguencia en Radiodif. Caguazú" New country (IMA-MI) good again 0747 12/23 but sig not as steady this time, faded more deeply (RLF-NY) prob the one w/strong carrier & occ. audio 12/30 0658-0850 f/out. What little audio there was sounded SS, tho w/a slightly odd sound. KFI/KNBR slop no help. This seemed to be a good IA night w/odd carriers looping IA all over the dial (EGR-CA) presumed 12/30 SS talk, New year greetings; would have been armchair copy 0857 w/o local noise level; only time I should have bypassed this because of what I almost missed on 650 (GH-OK)

650^t URAGUAY? Tuning up from 645 at 0900 sharp 12/30 hrd "en Montevideo, son las 5 de la mañana; en las 4 en punto." Alone on freq before 0900, assumed just KQRL or Monserrate; maybe it was the latter rather than SODRE; played "No me quiero enamorar", then lost to several s/ons. Montevideo SR around 0835 per SPEEDX table. Uruguay supposed to be GMT -3 (GH-OK)

COLOMBIA, Bogota, HJJK all alone MM 12/30. With WABC off the mixing spurs from them & WOR on 650 & 830 were absent in the NYC area. This left the freq. clear behind HJJK but no trace of KQRL could be hrd in their mull. EC DXers trying for KQRL must be certain they aren't hearing this spur, instead, when WOR & WABC are on (RLF-NY) Todelar &

Monserrate floridness, e.g. "al final de 1974, gracias por habernos acompañado todo el año" at 0959 12/30, Big Ben type chimes, 5 a.m. TC, then mixing w/Venezuelan & Panamanian (GH-OK)

650 DOMINICAN REPUBLIC, Santo Domingo, 12/30 0902 chime IS, anthem, 0903 "My buenos días, amigos de R. Universal... programas de música, alegría, y estética." Soon mixing & under others (GH-OK)

PANAMA, Panamá, Donald Duck voice 12/30 1002 saying "R. Mía, la mas potente"; rooster crow (does this mean the sound of crows is a'rooster'? (only if the language of Bach was 'chicken' (figure that one out)-bp)), "amanecer chiricano" pgm "directamente desde R. Mía, Cadena Nacional... 5 a 5:30 de la mañana" (GH-OK)

VENEZUELA, Maracay, R. Giradot 12/30 0906 anthem, s/on, mention Estado Lara; 1000 Valencia & Maracay ads: zapateria, Aragua Hoy, etc. (GH-OK)

655^c EL SALVADOR, San Salvador, YSS not noted eves of 1/3 & 1/4 on reactivating overhauled R-388. Either just off or on another frequency (RFS-FL)

660 MEXICO, Mexico, D.F., XERPM, R. Juventud 0725, EE pops, SS ID jingle 0729 12/30 (DM-PA) noted 1/5 0708 w/"R. Uno ... Juventud" ID's between EE rr songs. Many ments of Mexico (pb-WA) Beware! HJJK-660 also ID's as Radio Uno - ed

VENEZUELA, Coro, Ondas de los Medanos was in like a rock 12/16 0906-0925 w/holiday pgm. First time ever able to get a log on this one (ELK-OH)

670 VENEZUELA, Caracas good 12/30 0953 w/many R. Rumbos IDs. QRM de stn in SS w/EL mx. Cuban? (JB-OK) Probably-bp

700^c COSTA RICA 12/26 surfaced 0350:30 for R. Reloj Costa Rica ID, then out to mix w/unid (DW-OR) (GH-OK)

705^t HONDURAS, "Olanco" presumed 12/30 1005 w/CST TC for 4:3

710 MEXICO, Empalme, XEPS, "R. Amistad" noted w/highly variable sig 11/11 0612-0645. Often vry good, however. Mx, QRM from XEMP. Like this freq when WOR's off (ELK-OH) Heck, I'd be happy just hearing WOR! bp

MEXICO, Mexico City, XEMP, Radiorama noted QRMing XEPS 11/11 0625-0629. International mx; noted "Zarzucla" & "Love for Sale". Only fair at best (ELK-OH)

VENEZUELA, Caracas, YVRY, R. Capital caught w/ad string on top of freq 12/29 1037-1055. WOR a poor second w/ CJRN also noted (ELK-OH)

720^t CUBAColon, good 12/28 o/WOR slop & het, man in SS talking loud & rapidly 0455. No sign of WGN (PRM-NJ)

725^c SURINAM, Paramaribo, SRS noted w/good audio & incredible carrier 1/4 0900-1005. Female anc on hr w/amt ment'ing Surinam in odd lang, prob DD. Long amt on hr but couldn't get tape going in time so don't know what else was said. Really weird mx after the hr w/frequent amnts. Mast have been in Hindi then, judging from the mx. Carrier was much stronger than CKIG-730 & not a lot less than KCBS-740. Noted almost as well the next night & a couple of times before. Westerners needing this should give it a shot 0900-1000 as it seems to really be getting out. Never hrd a trace of it before; perhaps a pur or ant change (EGR-CA) 12/11 OM in DD 0325-0330 s/off w/NA. Good sig as always here. Hrd another eve also w/QRM from a SS stn, maybe Titania (IMA-MI)

730 MEXICO, Mexico, D.F., XEX good 1045 1/6 w/rr mx in SS & many ID's (ASL-CA)

750^t COLOMBIA, Medellin, IV de Antioquia tent w/CARACOL programming 0745 12/30 (DM-PA)

770 COLOMBIA, Bogota, R. Tequendama 0805 ID u/Panama as "Somos Todelar, somos profesionales, somos R. Tequendama" light IA mx 12/30 (DM-PA) 12/30 0933 "desde Radiocentro Todelar en Bogotá; les habla R. Tequendama" (GH-OK) atop a messy freq, low het, w/WABC off MM 12/30, other loud IA Unid may have been Panama (RLF-NY) prob one of 2 SS stns here 0943-0953 12/23. Other SS unid, maybe Panama? (EF-NY)

PANAMA, Chitre, R. Libertad, 0750 light mx, gave "hora de Panama" at 0800 12/30 (DM-PA)

783^t UNID signal hrd here again MM 12/30, strength, format, etc. indicate Cuba up here again, no ID however (RLF-NY)

810 COLOMBIA, Bogotá, HJCY, R. Sutatenza 1015 1/6. Male anc w/much Colombian style mx & many ID's. Excellent signal w/little else on freq (ASL-CA)

820.2^t UNID het holding it's own against WBAP briefly 12/30 1152 w/US mx, 1155 SS man & woman; past 1200. Suspect Cuba (GH-OK)

825^c COSTA RICA, San José 12/26 0439-0447 fadeout. R. Titania, U.S. style mx like "Rock On". Periodic YL ID's thru records. SS Xmas song 0442 (DW-OR)

830 VENEZUELA, Los Teques, R. Sensacion, local mx, ID at 0815 u/WCCO 12/30 (DM-PA) R. Sensacion SID 0904 1/5 after SS rr mx, including SS version of "The Night Chicago Died", mostly u/, sometimes o/WCCO (pb-WA) UNID. 2 SS's mixing, one w/"good mx", other w/ excited talk 12/23 1008 (EF-NY)

- 834 BELIZE, Belize City, guess them by odd freq 12/28 singing w/piano beat 0429, YL w/TC of $\frac{1}{2}$ minutes after ? in EE 0430 $\frac{1}{2}$. Weak in QRM but alone (PRM-NJ)
- 840? UNID anthem u/WHAS 0958-1000 1/6. Not Colombia or Panama & didn't sound like Venezuela. Haiti?(bp-WA)
- 834 BELIZE, Belize City hrd 1203-1235 12/18 w/way to life pgm & Xmas mx. All in EE w/many ads & several ID's Vry strong signal, by far the best I've hrd from it. Never hrd on SRS before (ECR-CA) My first "sri, out of order item", a real Milestone, hi.-ed
- 850^t CUBA, Holguín believed the one ment'ing RHC 0740 11/17 mixing w/WKIX (JCK-IN)
- GUATEMALA, Guatemala fair w/man w/strange voice telling about 1974 month by month 0741 12/30. ID as R. Giro's 0745 (JB-OK) "Feliz día para todos de la Giró Musical" 12/30 0923. Freq slightly low. Dominates 850 AN(GH-OK)
- 854 PERU, Lima, "R. Nacional del Perú, Emisora del Estado" s/on ment'ing SW 9562, then choral anthem 1058 12/30
- 860? UNID 0500 1/6 hrd a stn in SS not XEMO w/ / (GH-OK) YL ancr. Sounded like an ID as ????. What could this be? Couldn't be XEMO as they were off. (ASL-CA) Dunno Al, that time is 9 p.m. PST, is that correct? bp
- 865? UNID strong carrier noted here many good nites. Must be IA as it fades around 1100. Noted 12/30 0644. Has anyone else IDed anything here? (ECR-CA)
- 885 MONTSERRAT, Plymouth ZJB 12/20 0015-0020 EE nx announces "ZJB R. Covers the world. We cover the world each nite at 8:00" Good signal (LMA-MI)
- 888 (cf DXWW 12/28) This is correct freq for the spur, poss. from XEZR-850, not 880 (GH-OK)
- 900 COLOMBIA, Cali, NBC tones on vibraphone 12/30 0929, "Somos Todelar. Somos profesionales, somos LV de Cali" more tones (GH-OK)
- 920 COLOMBIA, Cartagena, Emisoras Fuentes hrd w/ID's nearly every nite, like 12/23 0300-0500 w/HJ mx & great signal (EF-Bah) Presumably the one w/NBC gongs & mentions of Todelar 1024 12/30 w/KKXI slop mulld. Haven't played back tape to check for Em. Fuentes ID yet (bp,pb-WA)
- 940 PUERTO RICO, San Juan, WIPR--boy this one owns this channel at its s/on time! Rock solid 12/23 0950-1006. Has nx pgm "Radioperiódico El Espectador" after 1000. Also noted well about this time 12/30 (ELK-OH)
- 940 VENEZUELA, Punto Fijo, R. Punto Fijo 12/30 1010 local ads such as Almacenes Combate; well o/everything (GH-OK)
- 960 COLOMBIA, Magangué, R. Sutatenza noted w/good sig 12/30 0931-40. Able to loop out most of the domestic QRM but there were quite a few people present! Program of mx---mentd many letters received from all over Central and South America (ELK-OH)
- 970 MEXICO, Cd. Juárez, XEJ, R. Mexicana surprised me by dominating WWSW & CKKH at least briefly 11/25 0642-0655 w/rancheras. Hrd many times in the past but never this good (ELK-OH) XEJ 0940 1/6 w/Mexican mx & many ID's. Vry sloppy signal splashed o/almost to 980 (ASL-CA) UNID SS w/Mexican mx & low voiced ancr w/KKIS mulld 0916-0930 1/6. Hrd here frly consistently. Format & strength rule out XECL. XET? (pb-WA)
- 1004^t NICARAGUA, Managua "R. Mil en Managua" ID poss. caught 1/4 0540. Briefly stronger than Colosal-1005(RFS-FL) (cf DXWW 12/28) Checking 3012 for evidence of Ambalá is no longer productive; their harmonic is no longer to be found in this region (GH-OK)
- 1010 MEXICO, Guadalajara, XEHL at 1140 1/6 w/ID's as "La Música de Peque". Soft Mor mx in SS (ASL-CA)
- 1010? UNID 12/30 1015 rapid SS nx, best on LSB, called "Notitiempo", time for 6:16, 1020 fade. On Venezuelan net? Or Dominican, as many items involved DR (GH-OK)
- 1020 VENEZUELA, La Asunción, R. Margarita, YVRS completely in charge 12/9 between 0607 & 0625 w/pgm of mx. As reported before, the cuckoo clock is this guy (ELK-OH) 1/5 0813 w/TC after Cuckoos "R. Margarita, 4:15", more cuckoo & garbled SS talk, then mx o/u KDKA (pb-WA)
- 1030 COLOMBIA, Cali, R. Pacifico, HJER, noted 12/30 0918 w/ID. Unfortunately WBZ came on w/ET a minute later. HJER still audible thru WBZ's OC. Slight XEQR QRM (ELK)
- 1030^c MEXICO, Mexico City, XEQR good o/WBZ w/Radio Centro ID & usual whistled IS & soft mx 0836 12/30 (ECR-CA)
- 1035^c HAITI, Cap Haitien, HVEC vry gud 12/30 1000-1100. Fine audio 1030-1100 w/religious pgm in SS. Getting pretty fadey by 1100 but caught weak "HVEC". Bel'ieve Haiti mentd around 1030 but not sure. Faded out by 1105 (ECR-CA) fair w/WHO slop 12/26 2343, looped SE. Inst Xmas mx & YL ancr ment'ing request from St. Kitts. No ID hrd but who else could it be? (JB-OK)
- 1040 COLOMBIA, Bogota good w/R. Super de Bogota ID & DJ counting hrs left in 1974 12/29 0622. No QRM (JB-OK)
- 1050 MEXICO, Monterrey, XEG w/many IDs & ments of Monterrey, NL. Sometimes mentd the word Música in conjunction w/ some type of ID 0930 1/6 (ASL-CA)
- 1080 VENEZUELA, Barcelona fair w/many ads ment'ing Barcelona 12/30 1022, KRLD off of course. YV had mx w/xylophone notes between items (JB-OK)
- 1090 COLOMBIA, Cúcuta, LVde Cúcuta, HJBC, in nicely 11/25 0851-0903. Had CARACOL's "Una Voz en el Camino" til 0900, then local pgm "Rancho Alegre". (ELK-OH) DOMINICAN REPUBLIC, Santiago, R. Amistad 0825 cont. local mx, finally IDed 0852 as "la emisora de los Dominicanos...R. Amistad" fair w/QRM from Unid IA on same freq 12/30 (DM-PA)
- 1100^h GUATEMALA, Guatemala, R. Superior doing well on 2200, SIO 343, on well after ldr left: 1/5 0559 tune in w/ ID, 1,100 kcs, CST TC's; "la emisora más querida de este pueblo, R. Superior, la...grande del cuadrante"; 0604 almacén ad (GH-OK)
- h NICARAGUA, Managua, YNQ, Emisora Líder 12/25 on second harmonic of 2200, IDs not vry definitive, just seemed like Líder or R. Líder. Good IDs taped 0130, 0200, mentioning Managua & Central America. Prime freq just not audible despite nulling of WWWE. New (TRS-NJ)
- 1110 VENEZUELA, Valencia, R. Mia weak in null of KPAB 0609 12/29, clear R. Mia IDs & bouncy SS mx, IDs hrd again 0710 check. No sign of WBT this AM or on SM 1/5, suspect they are now SM SP (JCK-IN)
- VENEZUELA, Carúpano w/several IDs (sound like Ca-reep-a-no) & dialogues separated by guitar (?) mx, super signal o/all domestics 2305 12/29 (JCK-IN)
- 1120 DOMINICAN REPUBLIC, Santo Domingo, R. Antillas IDs after each record in absense of KMOX 1/6 0909-0925. As many as 8 IDs after each record (LMA-MI)
- 1137 COLOMBIA, Bogotá, HJCO "Emisoras El Dorado" was noted this far off freq on 12/23 at 0618-30, but not hrd since. IDed as TODEIAR (note Hauser) & pgm may have been called "Una canción de Exito..." Fairly strong for awhile(ELK)
- 1146 HAITI, R. Caraibes presumed slow deliberate FF talk 12/30 0941, perhaps sermon 0943, hymny mx (GH-OK)
- 1150 VENEZUELA, Punto Fijo, YVM Ondas del Caribe noted w/ fair sig here 12/30 0740-0755 when garbled by CKOC. First time hrd on this freq; had 'em on 1160 during the '63 BR's (ELK-OH)
- 1170 COLOMBIA, Cartagena, LV de Heroica IDed here atop a messy hetty freq all AM 12/25, WWVA off for their annual Xmas SP. Not a vry good signal; this AM a big disappointment for IA activity here (RLF-NY) hrd here w/potent signal o/ WWVA 0300-0500 12/25 & every other nite. IDs often as many as 10 a minute (EF, Bah)
- 1180 VENEZUELA, Cd. Ojeda, YVNU, R. Petrolera noted in strong 12/29 0943-1010. Anyone verify this one yet? (ELK-OH)
- 1187 GUATEMALA, R. Sonora bears no resemblance to a TA, correcting a typo in my rpt as it appears in 12/7 DXWW(CMS)
- 1190 COLOMBIA, Bogotá, R. Gordillera in w/good ID 0837 12/2 while listening to KLIF & a possible KEX (LMA-MI) 12/16 pop mx 0635, ID & amnts between records. Long fades, but when up quite good, all alone on freq (TRS-NJ)
- 1196? UNID something here 0647 12/30 w/weak audio u/KLOK/KEX slop. Loop busy w/slop but seemed to be an IA DF(ECR-CA)
- 1200^c CUBA, Santiago, Reloj Nacional fair w/Reloj mx 12/30 0638 (JB-OK) Reloj w/time pips 1023 12/23 (EF-NY)
- VENEZUELA, Caracas good 12/30 0735-0800 w/soft SS vocals & occ American EL cuts. Nice "R. Tiempo, las dos con cincuenta minutos" 0751. Also "R. Tiempo" at 0745 & 0800. Venezuela mentd on the hour (ECR-CA) Fair w/Cuban 12/30 0640. Clear R. Tiempo ID & ads after romantic mx (JB-OK)
- 1210^t UNID definite FF here 1/7 0810 o/u WCAU. May have had amnt w/several freqs mentd 0814, mx had IA flavor to it w/lots of drums, 0813 had man & woman alternating. Strong het present (pb-WA) Voodoo list has 1 kw R. Progreá listed. Nothing in any other logs looks likely. Interesting.... ed
- 1220^h COLOMBIA, Monteria, HJAU, R. Corbedosa 12/25 on second harmonic of 2440 pop mx (not Xmas), 0020 amnts, excellent ID taped 0045. Prime freq not audible u/WGAR & Cuban w/ WCAU mulld. Long fades, when up quite good. (TRS-NJ) Corbedosa presumed the AN 1/1, noted 0825 w/Tropical mx. Was AN 12/25. Now no longer so easily hrd eves on 2440
- 1233? CUBA, Unid 12/23 new here, L&C even on LW, / (GH-OK) same format as pest on 1560 which dominates EC, noted 0450-0510 tuneout (TRS-NJ)
- 1235 CUBA, Reloj Nacional format, SS EST TC's; good modulation 12/30 0813. Which, from where? About time somebody took o/Jermuda's old clear channel (GH-OK)
- 1270^h COLOMBIA, LV de Cartagena w/ID 12/27 0430 o/u Reloj(EF Bah) MEXICO, Mérida, XEYUC likely the "R. Caravana" noted on 2540 harmonic 11/2 0340 per "yucateca" mention & poss sighting in elder edition of MPM log (RFS-FL)
- 1365? UNID (believe this is the same one previously hrd on 1367) 1/1 0625 f/up w/occ SS; 0640 "...en el HR(?) en el 75..."; 0702 YL amnt; 0704 TC; 0710 new year wish, 1:13 TC, 0713 TC for 1:16, deseos; 0718 1:21 TC (so is in CST plus 3 min zone, hi) ID as R. ----in; 0756 TC for 1:59; seemed to go off 0821 (GH-OK) / (GH-OK)
- 226 1460^h GUATEMALA? briefly 1/3 0411 SS on 2920 ment. Guatemala

- 1465^h NICARAGUA, R. Ecos de las Brumas, nom. 1460, and formerly 1455 as revealed by harmonic on 2909, now must be on 1465 where not hrd because of harmonic on 2930; noted 1/1 0215 IA mx, SS; lo mod but good carrier; 0220 date & TC for 9:25, "aqui en los estudios de R. Ecos de las Brumas" (GH-OK)
- 1475[?] UNID 1/1 0345 decent carrier but no mod hrd till 0352 disjointed SS talk: sports? party? Cosiguina? (GH-OK)
- 1500⁺ MEXICO, D.F., XERH is "R. Seis (6)" now per data taken off XERR-15110 SW // this PM 1/4 (RFS-FL)
- 1550 MEXICO, Nuevo Laredo, XENU "La Rancherita Contenta" 0405 1/6 vry faint s/on giving stn details. Played an them before this (ASL-CA) Is that time PST? bp
- 1560 CUBA, The minute man explains its name, men in SS talk 0907-0910 w/dings every 60 secs. QRM from unid inst mx 12/28 (PRM-NJ)
- PUEERTO RICO, San Juan, WRSJ was the 2nd IA noted by ERC & others AN for Xmas, hrd here o/n Cardenas, was atop freq during the KBBW non-DX (12/16-bp). Not a bad catch on nite pattern, easy on day patt at s/on tho (RLF-ND)
- 1570^c MEXICO, Cd. Acana, XERF in w/a religious program 0415-0423 1/4 (MH-IN)

731^t

around this logging. First, it was the only BGB TA audible around 2200. Second, at 2240 I hrd what sounded like RAI's SW bird chirp IS. Does RAI use same IS on MW or was it some sort of fluke sideband splatter? Still here 2332 recheck, separable from YSS-655 (CMS-ON) Sounds more like EAJ203, Stan. See above. Dumo about the bird chirp-bp UPPER VOLTA. Powerful new W. African stn first noted as 2.5 Hz SAH w/RNE, Barcelona on 1/5 2204. RNE freq then measured as 737.0013; African on 737.0039. Strong audio from RNE 2210 onwards; DF mean bearing on second carrier 92.5[±]5°. African stn audio dominant 2356; lang AA or vernacular; repeated drum IS & anthem; carrier cut 2359:13. RNE cont'd w/pop mx until s/off 0109:40 following several stanzas of IS. African signed back on 0553 on 737.0025; RNE carrier on 0558; mixture of audios from 0600. African mx on top of Rosary from RNE 0646 & then began to fade. African stn stronger next afternoon 1/6 at 2143 tunein but 3 stns present then: RNE on 736.9999, the African on 737.0027, & a third stn close to that of Barcelona on 736.9753 (drifting). According to latest EBU measurements this third stn is prob the Egyptian. By 2227only RNE & the African remained w/the latter sominant w/W. African native mx. Believe hrd man begin ID w/"Ici..." at 2355 but too much RNE to be certain; s/off after repeated drum IS & anthem 0000:17 leaving RNE in the clear. I believe this is the new 100 kw stn in Ouagadougou, Upper Volta, scheduled to be on the air on 737 by the end of 1974. The great circle bearing for Ouagadougou is 94.4° from here, which is within the error bracket on the DF. I will regard this as tent. until I get an ID or a positive SW parallel (GPN-MA)

PACIFIC DX ROUNDUP

- 650 HAWAII, Honolulu, KORL 12/26 in solid w/ID 0300. I don't recall having hrdstn quite this early before (DW-OR) fair signal w/phone-in talk show 12/30 0848-0900. Have not hrd this one in abt 2-3 yrs due to IA QRM Emis. Monserrate was mull'd; but KORL killed 0900 by s/ons of R. Universal & R. Giradot. A very positive ID was had by verifying the phone number given over the air via a long distance call to Hawaii (IMA-MI) Wasn't that kinda expensive? bp. KORL vry good w/WSM mull'd 0330 11/6 w/a talk or phone in pgm (JAM-SK)
- 660 ALASKA, Fairbanks, KFAR 1326-1333 12/17, wx -30° 1326, spot, Fairbanks mentd, TC at 27 before 4. First time noted this season (DW-OR)
- 665^c USSR, Far East location, Komsomolsk-Amur listed 1524-1533 fading 12/27. Semi-cl mx pgm. IS 1530. OM RR Mayak mentd. Severe slop from KBOI (DW-OR)
- 840 USSR, Far East, location UNID 12/24 1400-1500 tuneout u/JJ. Mayak pgm, YL singing in RR. Anmts 1410, then folk songs type stuff. //6130/6115/6035 SW. IS 1429, RR anmts 1430. Later after fading in & out, 6 pips at 1500 tuneout. First log on this for me. F/up on an unid hrd by LBG & ERC
- 844 GILBERT & ELLICE ISLANDS, Tarcwa good 0804 (DW-OR) 12/30 in typical gibberish. I've hrd it on till 1000 several times this year, so maybe a sked change from its old 0930 (ECR-CA)
- 117[?] Sounded like a het here 1220 1/6. Could this be VOA-1178? KGBQ had an OC so I was unable to detect much. (ASL-CA) Dunno, depends on whether it was closer to 1180 than 1170-ed
- 1475 MALAYSIA, Sabah, it now turns out that the IS taped here 1055 11/25 w/its 14 notes can be found in the 74 WRTH, p.160, described there as the first bar of the Malay NA. My daughter-in-law Ellen had diagnosed it almost perfectly from the tape, for I had not thought to look for it in the book. Her single mistake was to call note #5 G while WRTH shows it to be B. (Maybe WRTH is wrong... bp) WRTH says chimes are used in the IS (GM-CO)
- 1525^c USSR 1532-1600 12/29, rr anmts to 1532 by OM, then chorus singing & classical type mx. RR anmts 1558. IS 1559, 6 pips 1600 Mayak ID (DW-OR)

755
764^c

818

881

944^t

1016^t

1025[?]

1034[?]

1088

1205[?]

1214^c

1232[?]

227

PORTUGAL, Lisbon strong w/woman ID in FF 0730 1/5 (GPN-MA)

SENEGAL, Dakar here again 1/4 0610 w/AA chanting. First noted carrier around 0550, no audio until 0610 & then only briefly. Long fades, though not quite as severe as when first hrd on 12/2. Also noted traces of audio 0722 1/2. No trace at 0710 checkback 1/4. TAs hopefully returning to WCMA after a long absence (ECR-CA)

MOROCCO/ANDORRA. Andorra strong w/EE & FF pops 0450-0458 1/5 on 818.0001. Rabat on 818.0318 began TT 0458 & signed on 0500 w/choral anthem, man in Arabic; then into Koran 0502. The Rabat stn is consistently 28-33 Hz on the high side which effectively serves to distinguish it from Egypt & the others on the channel (GPN-MA)

ENGLAND, Washford 1/4 0625-0635 w/definite carrier & male ancr fading up occasionally w/definite British accent. I'm 90% sure I caught a "R. ---" ID at one point also. Making a big het on WCBS & LAs 0654. TVI just a little above this made it quite tough. DF correct also (ECR-CA)

FRANCE/ANGOLA(tent). Strong FF mx or commentary 0517 1/5; freq measured 943.9997. Second carrier visible on scope w/DF for W. Africa at the time; his freq 944.0049; only traces of audio & gone by 0525. I believe this is R. Ecclesia, Luanda; they were measured by EBU on 944.0047 about a month ago & the time is right... (GPN-MA)

WEST GERMANY, Wolfsheim SWF likely the TA hrd here 0520 12/27. Other GGs also in well this AM. Stayed w/this for a while, but no discernable audio noted (RE-PA)

UNID, perhaps Spain noted w/mx vry weak 0526 12/27. No talk hrd so can't be sure of Spain (RE-PA)

UNID carrier noted here 0635 1/2 looping NE. Prob Portugal as other traces of TAs were noted that night. Freq def. seemed to be 1034 rather than 1035 so not Haiti (ECR-CA)

ENGLAND. An unusually strong BBC noted w/"Good Morning" & mx highlights 0709 1/5; freq. 1087.9904, which is about as far off as the BBC ever gets & effectively distinguishes this stn from the Nigerian (GPN-MA) 12/27 0518 noted w/strong het against WBAL & some programming audible. However, didn't appear to be //1295. Both are sked in GG at this time (RE-PA)

UNID weak carrier w/occasional vry brief fadeups detected here 1/2 & 1/3. Seemed to loop TA, tho not entirely certain. Maybe France (ECR-CA) What time? bp

ENGLAND, Washford et al hrd 1/2, 1/3, 1/4 0500-0750. Best 1/3 w/RNE carrier detectable almost all of time & weak accented EE at peaks. Signal seemed to fade up & down vry abruptly w/fades lasting 1-2 mins. Seemed to be in about 3-5 mins between fades. Both 1/3 & 1/4 seemed to peak between 0715 & 0745 & then fadeout for good w/in 10 mins. Maybe some sort of "Sunrise Enhancement" at work here. Fadeout checks w/LSR for UK on those dates. Seemed to have pop mx pgm in 0715-0745 slot 1/3. Got what I'm almost certain was a R. One ID nr 0730. Believe A-index down to 1 on 1/3 after the quietest month in a year or more. First European TA ever for me (ECR-CA)

UNID, just a weak carrier noted 0519 12/27. Perhaps Kosice, Czechoslovakia as carrier also hrd on 1286 (RE-PA) Careful, there's a new Cuban on 1233-35, see IA section. Which way did this one loop? bp

ATLANTIC DX ROUNDUP

- 164 FRANCE, Allouis quite good 0645-0745 & later 12/21 w/one of the best signals ever noted here (RLF-NY)
- 218 MONACO, Monte Carlo, RMC hrd for first time this season w/fairly good sig, was good in FF 0700 12/21 w/pops. Not hrd before even though 164 would be in well. This same AM had 209 Morocco in well, audio on 227 u/local beacon "IW", audio from Luxembourg-236 mixing w/the New Orleans wx stn. Even had a nice het on the new CD stn WGU-20 on 179, from supposedly Saar-180 on 12/21 (RLF-NY)
- 656 SPANISH SAHARA, El Aiun, EAJ203 good level 2310 1/5 w/Simon & Garfunkel album; man gave ID in SS 2315 mentioning "Sahara". Freq measured as 655.9905; this stn is normally about 9 Hz on the low side & is thereby readily distinguishable from the other TAs on 656. Note the listing for this one on 615 kHz in the new FBIS is in error; they've been on 656 for 3 years now (GPN-MA)
- 656^t ITALY, RAI presumably the one here from 2157 12/31. Definitely above the freq on which Pyongyang was (tentatively-bp) logged 12/6 & 13. There are 2 odd things

- 1295^t ENGLAND, BBC most likely the TA here w/programming in GG (I think) 12/27 0517. Nothing distinctive in way of an ID noted at 0530. At 0600 much weaker but 5? pips hrd on the hr, but no positive ID. (RE-PA)
- 1367^t ITALY, RAI presumably the one here 12/31 w/continental pops 2307. RAI could be expected on past listed 2230 s/off New Years Eve but a carrier has been detected a couple of other good TA nights until about 2315 (GMS-ON)
- 1403[?] UNID, something hetting domestics 0514 12/27. Perhaps Conakry, which is sked as 24 hr (RE-PA)
- 1439^t LUXEMBOURG, noted badly hetting 1440 domestics. Some pop mx hrd around 0511 12/27. No other audio hrd (RE-PA)
- 1484[?] UNID, first detectable audio in months here 0645-0730 MM 12/30 but none of the jumble of sigs IDed. Quite a few other TA freqs in at that time but nothing esp. notable. Had hoped BBC Scotland would be left in the clear on this freq after Continent sigs faded due to late ISR there (I understand about 10 AM at Winter Solstice) but skip not good enough & whatever was left on freq after 0800 was just at noise level (RLF-NY)
- 1502 POLAND, Warsaw hrd 0508 12/27 w/net against 1500. Taped 0700, revealed 2 IS's--same as ones taped 0700 12/25, which both match a tape of Poland's SW Service IS (RE-PA)
- 1528[?] UNID W. Africa. For about 4 months now Bill Bailey & I have been hearing a weak African here around 2200-0000. Best signal was on 10/1 at 2315 when good clear W. African mx a la Dakar was noted; bearing that day 100°+5°, freq 1528.0022. There are a couple of interesting possibilities on this one. One is the 100 watt stn at Tara, Niger, listed on 1525 kHz. The Unid stn is not a drifter, however; its freq stability is extremely good & obviously intends to be on 1528. The second possibility, suggested by Bill Bailey, is that it is the harmonic of Dakar-764. The DF is ok for Dakar & a check of the freq measurements on the unid along with those routinely taken on Dakar shows that the freq of the unid has always been exactly twice that of 764 w/in experimental error. I'm almost positive now that this is Dakar for the 1528 sig seems to have always dropped out whenever Dakar has made its routine pwr cut around 2330-0015. Next time 1528 is in I'll double the Dakar-764 sig freq & this will positively determine if it is indeed a harmonic radiation (GPN-MA)
- 1529[?] UNID sig here across 2200 12/27, voice & mx, looped Europe. Poor sig & covered by WRBX-1530 slop, but in clear after 2200-2205 fade. Not much else from Eu noted then; did not seem Vaticanish & wonder if some Europe-based DXers can comment on what's active at that hr?
- 1538^t WEST GERMANY, Mainflingen, DLF hrd (RLF-NY) 0505 12/27 w/OM in GG. First time I have hrd definite GG audio out of this one. Other GGs noted this AM; only this one, 1586, & 1602 had decent GG audio. Other carriers noted: 1196, 1268 & 1421 were all likely GG (RE-PA)
- 1546[?] UNID weak carrier here & on 1525 12/15 at 2335 in disturbe' cx, some flutter, a few other Eur sigs in too such as 1554 but not able to get def info for IDs on any of them. The fact that sigs on these freqs were in at all during such cx is noteworthy (RLF-NY)
- 1562 SWITZERLAND, Beromünster noted in well w/IS repeated several times 0450 12/27. WQXR-1560 causing probs but GG ID made it thru the mess. AM in IDX says this is now 500 kw & it really sounds that way. (RE-PA)

DOMESTIC "GOTCHA" ROUNDUP

- 1390 U.S., KENN, Farmington, N.M. signs on around 1130 these days, then goes into Navajo programming complete w/ chanting. Also has cw and/or rr tho (bp-WA)
- 1554 CANADA, CKLM, Montreal, Que. was noted w/spurs + 16 kHz of nom. 1570, landing here & 1586 at 0815 12/22, w/ smudgy audio //1570. Not noted since but could always reoccur (RLF-NY)

INTERNATIONAL QSL ROUNDUP

- 334 BELIZE, Belize City, R. Belize sent usual card w/full specifics signed by A. Cheony in 10 days airmail in reply to my ltr. Sent 2 IRCs to R. Belize, P.O. Box 89, Belize City, Belize. My rpt was in EE (EGR-CA)
- 1040 CHINA, Shanghai, R. Peking sent huge ltr in 67 days for EE rpt. The envelope contained a beautiful, tho inspecific QSL card, a form ltr which, among other things, invited future rpts & a beautiful 14x15 inch R. Peking calendar. No postage sent as I figured it would be useless. Sent to Broadcasting Administration, Fu Hsin Men, Peking, People's Republic of China. It is important to address letters as People's Republic of China. If "China" alone is used the letters will be detained for an indefinite period (EGR-CA)
- 1090 COLOMBIA, Cúcuta, HJBC, LVde Cúcuta verified w/very nice letter from Alfonso Barrientos Castro, Gerente. HJ number 52 here (BLK-OH)

"ARRIVED WHILE BP WAS TYPING THE COLUMN" ROUNDUP

- 540^t COLOMBIA, Bogota, 12/23 0713-0730 ment'd Colombia twice. Man & woman in SS. Another SS in background (FW-PA) See beginning of column for possibilities-bp
- 783.4 The Cuban was back again MM 1/6 found about 0630 & seemed to be farther off freq than in Nov. which opens up good hunting on 780 (GM-GO)
- 860 MEXICO, Tijuana, XEMO 0651-0630 (? bp) 1/6 relig pgm in EE drowning out WGOM DX Special (FW-PA)
- 1120 COLOMBIA, rechecking a tape of 12/16 MM, 0800 I discovered the Todelar chimes are there. KMOX in one of its SP's & I was trying for the Brazilian unkn recently rptd by Ed Krejny (GM-GO)
- 1210 UNID FF stn surfaced here briefly 0733 TM 1/7 w/ WCAU milled, male voice in commercial mentioning Music Center 3 times, the two EE words conspicuous amid the FF. Stayed a couple mins, then faded into the usual SS jumble on 1210, but detected some more FF 0747. No trace of the Cuban mx thing & taping across 0800 drew a blank. The only possibility looks like the Haitian unless there is something new here (GM-GO) Hrd by Bytheway abt the same time, see Pan-am section. Time of reception suggests they're AN. Can someone closer to the Caribbean check further? bp

ODDBALL FACTS & WHATNOT ROUNDUP

- CUBA, New Cuban "year" for 1975, announced at every ID, is as follows: "En el Año del Primer Congreso (del Partido Comunista de Cuba)" (RFS)
- MALTA (cf IDX 12/16) Later info from R. Canada International indicates their projected use of the DW relay at Cyclops never came off. And the only MW relay of RCI listed in their revised winter schedule is German via Berlin on 809 at 1815-1900 (GH)

REPORTING STANDARDS. A few random comments on the subject. This is being written after 8 hrs of typing so be surprised if I seem coherent:

- Contrary to what I said last time, put your initials after each item. Continue to separate according to Atlantic, Pacific, Pan am, Domestic, & QSL Roundups.
- In each item, include country, city, call and/or slligan, date, time, program details, & comments on cx/RRM. Program details should be sufficient to confirm an ID, justify a tentative, or help you ID an UnID.
- Some of you (1 or 2 anyway) seem to be reporting kind of skimpy contest entries, some entries have fewer details than others' tentatives! Please be sure your rpt has at least one or two of the definite somethings listed in the contest rules. Thx.

CONTRIBUTORS

A good turnout this time, 174 items from 22 reporters. Either everyone did a lot of DXing over the holidays or else Schatz's enemies have started contributing.....

- IMA Larry Abraham, Bridgeport, MI (3) HQ-180A, SM-1
 JB Jim Boyd, Tulsa, Okla. (3) ??
 pb Phil Bytheway, Seattle, Wash. (-) HQ-150, SM-1
 RE Richard Eckman, Philadelphia, Pa. (3) BC946/453, Sans.lp.
 EF Eric Fader, Bayside, N.Y. & Freeport, Bahamas (4) ??
 RIF Bob Foxworth, Long Island, N.Y. (3) HQ-150, h' lp, et al
 GH Glenn Hauser, Enid, Okla. (2,3) HQ-160, SM-2, LW's
 MH Michael Hogan, E. Chicago, Ind. (4) Sears port., SM-1
 JCK John C. Keleher, Ft. Wayne, IN (3) XCR-30
 ELK Ed Krejny, Middleburg Hts., Ohio (3)
 ASL Albert Lobel, El Cajon, Calif. (2) ??
 DM Don Moore, Milesburg, Pa. (3) XCR-30, 60' IW
 GM Gene Martin, Denver, Colo. (2) ?? /loop et al
 GPN Gordon Nelson, Watertown, Mass. (3) mod.HQ-180A, altaz.
 PRM Paul Mount, Teaneck, N.J. (3) Panasonic portable
 BP Ye ed, HQ-180A, SM-2, h' loop
 ECR Eric Rittenhouse, Menlo Park, CA (2)
 RFS Ronald F. Schatz, Uleta, Fla. (3) R388/URR, ISCA
 CMS C.M. Stanbury II, Crystal Beach, Ont. (4) HQ-200
 TRS Tom Sundstrom, Willingboro, N.J. (4) HQ-150, SM-2
 DW Dave Williams, Astoria, Oregon (2) SPR-4, 300' IW, SM-1
 FW Frank Wheeler, Erie, Pa. (3) S-hOB

Number in parenthesis=number of days rpt took to get here. Service to Seattle looks pretty consistent so far (knock on wood), about 2 days for WC & 3-h for rest of country. So most rpts mailed by Monday nite should get here by the deadline.

73 & COW 7 BT



DXWW II.13 18 January 1975

Friend, DXer, and fellow ex-Navy vet Jim Pogue and wife, Golendelina, paid a welcome visit to the Taylor's on 2 January. Reminiscences of Philippines were in the air, and the wives yakked it up in Tagalog. Watch out for some interesting articles from Jim in the future. He's another vet who didn't vegetate and sit around and swear at "them--ther gol-dern slanty-ah'ed furrin spiks" while overseas.

Another schedule of a world-wide program has come to hand, this time the "World Tomorrow" program. It will be serialized as in the case of the Back to the Bible Broadcast La Biblia Dice listings:

THE WORLD TOMORROW BROADCAST

Station	kHz	Location	Schedule	Code
Barbados	900	Bridgetown, BARBADOS	0930	1
WFOA	870	Hato Rey, PUERTO RICO	1930	D
ZFB1	960	Pembroke West, BERMUDA	1330	D
Guardian	610	Port of Spain, TRINIDAD	2230	1-6
(French Language:)				
4VBM	1430	Port-au-Prince, HAITI	1945	4
Antilles	930	Riverfield, MONSERRAT	2045	2,5,7
Carabes	840	Castries, ST LUCIA	1815	2-6
3BO	960	Bendigo, VICTORIA	2130	1-6
4BK	1300	Brisbane, QUEENSLAND	2300	1-6
7EX	1010	Launceston, TASMANIA	2000	1-6
2LM	900	Lismore, NEW SOUTH WALES	1900	2-7
2ND	1140	Newcastle, NEW SOUTH WALES	1700	2-7
2KY	1020	Sidney, NEW SOUTH WALES	0505	2-6
			2115	1
			2000	1
1XI	1590	Auckland, NEW ZEALAND	2100	2-6
			2115	1

TAIWAN: According to a letter from Nobuaki Takahashi, of Tokyo, American Forces Network, Taiwan, is planning a South East Asia service on 560 kHz. No further details are available yet, but that implies at least medium power. (ed)

ESTADOS UNIDOS: What might be considered North America's first non-experimental LW broadcast station is now on the air. WGU20, The Defense Civil Preparedness Station for East and Central States, has been heard regularly on approximately 178 kHz (measured 179.000 kHz, ed.) since Mid-November. Announces ID and time every 15 seconds and sometimes also has tests of emergency weather tapes. While aeronautical stations have aired longwave weather broadcasts for many years, they were and are intended for a much more specialized audience than is WGU20 and its companion station in the west. (Shortwave News Service). This obviously belongs here, since "there are no domestic LW BC stations". (ed) Hopefully in DXWW II.15 (of 1 February 1975), we will do a Focus on the People's Republic of China. In order to make this an outstanding success, I will expect contributions from you sinophiles out there. Messieurs Peterson, Bisquera, Portzer, et al...can I count with your support? 73 del CAT *Charlie*

HAWAIIAN VERIES-- Alan Brooks

I noted a reference on page 180--comments by Schatz and/or Rittenhouse under KORL verie info. I disagree that all Hawaiian reports should be sent to Roycroft.

1) Perhaps the statement could be modified to say that most of the stations on Oahu--as the islands have about 25 stations with only 16 of these located on Oahu (which in most cases means Honolulu). Of these 16 Roycroft does not provide technical services for KKUA-690, KGU-760, and KHVH-1040.

2) While the case of KORL veries may be perfectly accurate, I have an old request out to them that was mailed directly to the station from which I have never received a reply either; I have replies from three other Roycroft stations that did not go through him nor did he sign them. The three and their signers are: KGMB - 590- Ernie Kirschner, CE.
KCCN -1420- Greg Nutt, Program Director.
KUMU -1500- Colin Sharp, Program Director

So it has been my experience, using the word loosely, that 3 of the four Roycroft stations which I have written to have replied without going through Roycroft.

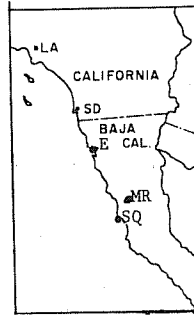
PHILIPPINES

Jim Pogue is doing research on the early history of broadcasting in the Philippines, prior to their independence in 1946. This was the period in which they used the old KZ.. calls. Anyone with information on this topic, please write to Jim at 11 University Ave., Apt. 2, West Lafayette, IN 47906. He wants information on everything from equipment to personalities, to items of a purely DX nature.

CHAS A TAYLOR
939 EASTERN AV
INDIANAPLS IN
46201
Te: 317 638 4166
W&Sun:1730-2200
Sat:any time
No collect calls

January 18, 1975

A BAJA JOURNEY
Father Jack Pejza



On Thursday, Jan. 2, three friends and I flew by private plane about 200 miles south of San Diego for a couple of days vacation. We stayed at El Molino Viejo ("The Old Mill") on San Quintin Bay ("San Kin-teen"), about 5 miles from the town of San Quintin. I brought along my SPR-4 and a home-made version of a Space Magnet. I also took along a couple of six-volt batteries to power the SPR-4, since the guide books said that the local power went off about 10 PM. What I heard was true: the motel had its own generator, and the lights went off when the owner went to bed, about 10:30 PM.

A brief try at daytime DXing (about 2 PM) showed the San Diego, Tijuana and southern California stations usually heard in San Diego were still there. About the only difference noticed was that a couple of Ensenada stations (1590 and 1450 in particular) were present. Since I was with non-DXers, I couldn't devote all my time to listening, but I tried again around sunset. A number of Mexican stations not heard in San Diego were noted, such as XEJK-1340, Cd. Delicias, Chih. and XEUAS-1330, Culiacan, Sin. San Diego stations could be nulled to hear KZIQ instead of KGB on 1360 and KR0D instead of KOGO on 600. On many frequencies, several XEs could be heard. After a delicious dinner of locally caught lobster, abalone, and shrimp, and a very interesting visit with the motel owner, I tried again about 10 PM to DX, but really didn't hear anything extraordinary. Eventually I was driven to bed by the intense cold. (To me, the typical Mexican motel resembles my picture of a U.S. "auto court" of the '30's--clean, simple accommodations, not including heat.

The next day we flew about 50 miles northeast to the Meling Ranch, a working cattle ranch of about 10,000 acres. They have accommodations for tourists as a sideline. The ranch was located 30 miles inland in a valley, 2300' above sealevel, at the edge of the foothills of the Sierra de San Pedro Martir mountains, which rise to over 10,000'. I tried DXing here, but a strong steady noise produced, I believe, by the ranch's power generator wiped out any chance of hearing things.

Baja California would be an excellent place for southern California DXers to have a DXpedition, or as a site for a beverage antenna. It is quite easy to null most (if not all) of the regional stations which ordinarily plague one. Because of the makeshift nature of the antenna I was using, I couldn't eliminate the powerhouses--XETRA, XEPRS, KFI--but a better antenna probably could do the job. There certainly is plenty of room for a beverage antenna. The new transpeninsular highway provides a means of getting quite a distance away from the border within a day's drive of San Diego.

eastern ax forum
Editor: Bruce R. Heimbarger 1710 Cambridge Rd.,
Ann Arbor, MI 48104

Brh - 1710 Cambridge Rd. - Ann Arbor, MI 48104

I'm back again after a short holiday absence. First my apologies to those whose reports follow. In the rush to get home before Christmas, I left your them in Ann Arbor. But since I have returned I offer them to you now. Read on

Rick Shaftan - 60 Gramercy Park - NYC, NY 10010
Hi folk! Lotsa happenings of late. First of all, sorry to note RFS's resignation from DXWW. Secondly, attended "New Yads" in Rockaway, NJ. Met Page Taylor, Russ Edmunds, Al Merriman, Ron Musco, Frank Dailey, as well as other NJPCers. Also saw Foxy, f/c Fela, PRM, George Greene, as well as others. RFS also called. Most of the other strange talks (?-Brh) left when snows Sunday were approaching. WREY NRC DX wasn't hrd SM 12/1 but instead mess of WNBK, WHIO, etc. To add to Phadz list there is 13-K, KKAM; 13-K, KXYZ; 15-X, WMEX; 12-B, WL1B; 67-Q, WMAQ; 91-Q, WRCQ; Q-13, WQBK. Paul gave me some old DXMs from 11/72 on and I got to compare the old mimeo to the offset. While being harder to type and more expensive to mail, it was a neater bulletin and was easier to read. In the 8/4/73 DXM, FJP said something to the effect that your continued membership in the IRCA will show your approval of this system. IRCA membership has dropped drastically in the last few months and I'm sure that the combo of offset and 2nd class was the reason. Do you agree? If

enough write or call (best Sat. or SM - 0100 ELT) I'll propose a constitutional amendment to return to mimeo. Offset is not the sign of a good DX club. Neatness and quality of printing is one sign. Anyone w/stickers from radio stns please send some and I'll reply w/WABC+WVRL surveys as well as any others I can find + RP. Also WABC-MacDonalds stickers maybe. 73s

David R. Ball - 62 Lexfield Ave.
Downsview, Ontario, Canada M3M 1M5

DX has been fairly good here lately, although cx have been rather disturber, many auroral nites. MM 11/11 was especially productive w/2 new states logged, WERC & WKIS (are they only 1kW nighttime power?). At 0247 a real surprise, CFRY, Portage la Prairie on top for several minutes. 0300-0330 DX Tests from WCSJ & WTKM both logged. WCSJ had a relatively clear channel, WTKM had severe competition from WPTR & WABQ ET. 0430 was half asleep, woken up by beautiful signals from R. Maracaibo-740 & R. Clarin-860, 2 new cntys here. Rpts out, hope I can elicit veries. 11/26 logged WFBC for state #31. All in all, a very successful month, I can't complain. Just hope I'll be as successful in my exams. Recent veries: WIFE, WTKM, WKIS, WSAY, WKAZ, R. Paradise, WAAM (who was verie signer-Brh), WRC. On the local scene, a fire 11/26 at the main Toronto postal terminal destroyed some first class mail (if I lose any QSLs I'll sue!) & set back mail delivery at lease a week. Since a good percent of eastern Canada's mail passes thru this terminal, if I were you I wouldn't hold my breath over any Canadian veries you're impatiently awaiting. Also: note that both CFTJ-1110 & CHNR-1600 are now on the air w/their new xmtrs. 73.

Randy V. Minnehan - 975 Chestershire Rd.
Columbus, OH 43204

Hello everyone! It's been awhile, so I guess a re-intro is in order. I'm 20 and a junior at OSU here in Columbus, majoring in photography. My one and only interest in BCB DXing is foreign DXing, which my total is now 52 countries. I've been in the IRCA since 71 and my rx is a Realistic DX-150A, used w/a 78cm DGL antenna. As many know, I have placed a bid to host the 75 IRCA Convention here in Columbus next Aug. 15, 16 & 17. If all goes well, it might be a joint convention between IRCA & ANARC, just as San Diego had in 72. Nothing has been decided yet, and any comments or suggestions would be of help for the final decision. I can be reached at 614-279-4342 between 6 and 11 pm, EST. I am sorry to see Ron Schatz leave the DXWW. You've done a fantastic job, Ron! The new editor will have a hard act to follow. The CFC needs help, and I'm the CFC Chairman. If anyone would like some info on how to arrange special DX tests for the club, please write. 73.

~~~~~Editor: John Zondlo

**central dx forum** 608 N. Martin  
~~~~~Muncie, IN 47303

Glenn Hauser-1312 W. Oak-Enid, OK 73701

I'd like to second Gene Martin's comment that the foreign-language abbreviations now in vogue with most DXers, do not make any sense. While I have been using them myself, I can't help but think when I see "FF": what's that, French-Fpeaking? The reduplicated letter serves no purpose at all except to indicate that the abbr. is of a language, which is usually obvious already from the context. It so happens that a more sensible alternative system has already been proposed, but so far adopted only in the NNRC Shortwave Section. Compiled by an unidentified contributor of Hank Bennett's, its system basically is to choose the second letter as the beginning of the second syllable in the language name (English version), with some exceptions to avoid conflicts and promote clarity. For example: EG--English; FR--French; SP--Spanish; GM--German; KR--Korean; JP--Japanese; HD--Hindi; VT--Vietnamese; VN--ver-nacular; and so on. It could stand a few modifications and additions, but I believe it is a better system than we are using now. Of course, it's more useful for SW, where many more languages are routinely heard than the "big dozen" or so involved in the great majority of international MW DXing. If you'd like a copy of

the language abbreviation key, send a SASE to Hank Bennett, Box 333, Cherry Hill, NJ 08002. Once one grows accustomed to it, SS can easily be turned over to 'signal strength', as Gene suggests. The present systems is firmly entrenched, but perhaps as more people become familiar with it, the NNRC system will gradually gain acceptance. As they say aboard the Norwegian vessel "Venator", LASI -- "Language Abbreviations Should Improve."

William Boonstra-13724 148th Ave.-Spring Lake, MI 49456

Hello again. Lately I've really been hitting the dials. DX has really improved to the southwest. Hi. Well, Christmas finally got here and the stocking was full ha ha, I got the Sony TFM 8000W receiver well waited for. So DXing has really come alive over here. Congrats to Phil Boersma; he pushed his totals to 500 heard w/? veried. Is anyone interested in some tapes of my locals? Also, I have a lot of FM dial cards. Just write me if interested. Right now Phil B. and myself are working on the FCC 3rd class license; fun but at times a pain. Right now does anybody know whats going on in the CADX club? I want to join that soon. Nothing much veried lately, but still I'm keeping the faith for the ones that haven't reported back. Well, SSS is coming up its 1725 and I'm a SSS f eak. And until next time this is the Boon side of the Boon-Boer brothers saying so long and good DX to all. 73's.

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

Hello everyone! I think I should start using that to put an impression on WGL's GM. Well, Dx has been about nil due to GX and other assorted things like the holidays and just catching up on things. Only veries in so far are v/l WOUB, WLKI, WMEF, WDAI, WIFN, V/q CFCN, WOSU (finally after about 1 year), WDR. Right on Germans! I think we need to send more of the American CE's over there to learn to verify. V/f KTGA. Hopefully within the next couple of weeks I'll try getting KOA verified. After about 3 years and a dozen reports nothing. Haven't tried since the new verie policy. Now to get political! In regards to Mike Hogan's DXF from 12/21. Stations can use 13-Q, 67-Z or 22-J etc., if they only use them as promos. The FCC means you can't use your 67-Q in the ID. So far all of the stations like that use legal ID's on the hour (almost all, A1...W100 (W-100) Chicago doesn't ID legally on the hour-jz). If it were such a law to fine everyone using promos I think the band would be very empty. So get it in the skull that those calls are only promos. Just ask anyone in the business about it and they will turn thy head in the right direction. As to RK's DXF: You are right shiek, I think we'd get better results verifying if we sent them to the dump. I'd like to see someone get KLEO, WCBG, etc. verified. I've tried many times and failed. Maybe next time I'll put half a dollar bill in the report. Well gang, enough is enough. Best of X all.

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

The main purpose of my last Forum was, I admit, to shoot my mouth off on something I knew little about. But behind that, I was hoping to get some feedback just to perk up the Forum section a little. It sure needs it. Come on, people, you all must have something swirling around in your heads, something you've always wanted to say but haven't about DX or radio, or something. If you're sick and tired of a DXM containing only tips, you can help-- write your opinions down in the Forum! CX are either really good or terribly awful this winter. One morning you can hear fantastic DX, and the next, only the locals can be heard. No "in-between" CX seem to exist. Comments: I thing the idea of having an "OLD-TIME DX" column would be a good one. Us "newtimers" as well as the veterans can learn a lot from the experience of the people who have been in DX for years. Welcome back to MRM, and welcome to NH and BP in their respective editorships. Good luck one and all! Next on the agenda here---scraping up enuf \$\$\$\$ to get a rx decent enough to hear foreign DX. 73s.

John Zondlo-608 N. Martin-Muncie, IN 47303
Greetings. One new verie in around here- WTWB
1570 Auburndale FL, heard on an ET. SSS 1/9 was
a record here.....10 new catches in one SSS
session. As this is being written, I've logged
921 stations, working hard toward the 1,000 mark.
The get together at Kramer's between Christmas
and New Year's was most enjoyable...especially
the hockey games (an annual feature). Well, gang,
it's about time for the mid-winter anomaly....
just hope it doesn't hit too hard, hi. See y'all
in 7.....

~~~~~western~~~~~  
Editor: Michael G. Worst,  
4618 Fremont N., #104  
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~~~~~dx forum~~~~~

Father Jack Pejza, 3266 Nutmeg St., San Diego, CA 92104

Mike reported that no reports had been sent to WDXF this week, so thought I'd add my own, mainly comments on some of the other Forums. Randy Minnehan already had told me that he found out the convention(s) in San Diego were not joint IRCA/ANARC; IRCA was in 1972; ANARC in 1973. A joint convention might be something worth investigating. I like Glenn Hauser's comment about SS,FF, etc. I like the list that was given in Hank's book, and it is also worth investigating. Rick Shaftan, the day your proposal to return to mimeo passes is the day you start looking for a new publishing crew, because there is no way that SDPC is going to publish by mimeo again. We simply don't have the time. As it is, it takes about 2-3 man-hours to prepare the copy for the printer; it takes another 5 or so man-hours to fold, label, etc. the finished bulletins for mailing. In addition, it takes a couple hours a week to answer mail, prepare statements for Skip Dabelstein, make reprints, send out samples, etc. It used to take DEE all week to mimeo and collate the bulletin; even with four of us (usually), we couldn't do it by mimeo because we're so scattered. Enough said.

The Ad-Visor

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247 N. FIRST STREET, APT. 27 (714) 440-2544 PREPAID
EL CAJON, CA USA 92021 1900 - 2115 PST ONLY!

WANTED

How To Listen To The World: Past editions of this book with the exception of the 1974 edition. Name a reasonable price. (CAT)

FOR SALE

IRCA Reception Report Forms, offset printed in 3 colors on 20 lb. stock; 70¢ per 70 + shipping; \$2.50 per 500 + shipping. Specify shipping method and include enough to pay it; any extra refunded. Samples for a SASE; reasonable quantities free to anyone visiting toylond. (DEE)

U. S. Army Signal Corps BC-344D receiver. 150 1500 kHz in four bands. Has been modified for 110 VAC. Will not ship due to age and weight; local sale only! PRICE: \$35. (TRS)
(Non-related to sale info. cut by editor.)

Lafayette HA - 520 receiver. 30 - 50 / .152 - 174 mHz tuneable emergency services. 110 VAC, tube type, w/ squelch, earphone jack and original manual. PRICE: \$60 + shipping. (TRS)

Midland 13 - 113 MW walkie talkies, ch. 11, 9 transistor. PRICE: the pair for \$20 + shipping. (TRS)

Winegard BC - 382 VHF - UHF - FM distribution amplifier. Has a heat-related intermittent believed to be a transistor or capacitor. Just don't feel like taking time to fix it. One for the technician! PRICE: \$4 + shipping, was \$33 when new. (TRS)

Radatron Inc. Driver Alert dual band radar detector for car visor. May have an intermittent capacitor or cold solder joint, not sure. PRICE: \$4 + shipping, was \$29-39 when new. (TRS)

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24-Hour Operation

January 18, 1975

WTYD Continuing To Change

By Tom Brown
Used to work at WNLC, started in 1965, before WTYD was anything more than a gleam in Gerald Morey's eye, and, as the expression goes "My God, Maude, how things have changed!"

What used to be a pretty darn good regional radio station is now a top-flight operation that probably could make money in a big-city market. A lot of changes were made in the five years I played at being a radio personality, but nothing like what's happened in the past couple of years.

For instance, WTYD-FM, the other half of the Thames Broadcasting Corp., was in its infancy, when I came to work for The Bulletin Co. Now, it's one of the most listened to FM facilities in the area, including some that come in from New York, Hartford and New Haven. It's a 24-hour operation, as is WNLC, and that's more than any other station in the area can say, AM or FM.

When I worked at WNLC, we shut the place down at midnight, and there had to be someone there to do it, a couple of people as a matter of fact. Now WNLC is "automation assisted" and WTYD is full automated, except for Thursday nights, when they a "big bands" show.

In 1965, and up until shortly before I left, there was a single newsmen at WNLC, Dave Connors - and now, there's a newsmen on duty 24 hours a day.

The business has passed from father to son, with Paul Morey occupying the office Gerald once did, and new position in the company has been created so that some of the load can be transferred from the general manager's shoulders. John Fleming is operations manager - that's the new position - and he came from Philadelphia to New London, just because he wanted to work in New England.

"This area is a really fascinating place" says Fleming, "and we have some really incredible growth plans." Of course some things never change - Jim Riegert, for instance.

Big Jim has become something of a legend in southeastern Connecticut. He's been with WNLC for 20 years, and he still grabs the early morning audiences with his "next-door neighbor approach" to radio.

Dave Connors is another one who doesn't change. He's still Mr. News in this area, and his "Sound Off" talk show in the early evening draws bigger audiences every day.

"We think probably more people listen to Sound Off than any other talk show in the area" says Fleming, and he attributes it to the fact that Connors speaks his mind - forcefully.

The reason for the success of the Thames Broadcasting Corp., says Fleming, is that when you have true professionalism, "The whole business of radio works here," and WNLC and WTYD are constantly "trying to make things better and better for our listeners."

And they sure have professionalism. Program Director Mike Farrell, who runs the "housewives shift", from mid-morning to mid-afternoon, is just one example. He and all the other on-the-air personnel sound as if they belong in a much bigger market - give WNLC and WTYD a "big-time sound" that it didn't have a few years ago.

Plans for the future?

Although Fleming didn't want to be specific, he said, "we want to keep moving - we want to keep improving our programming - we just want to keep on getting better."

And, as long as Thames Broadcasting has people like Big Jim Riegert, Mike Farrell and Dave Connors and long-time chief engineer Randy Barrett - and John Fleming - people who care about radio, they will, indeed, keep on moving.

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Special Features

Editor: Bill Hardy
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FCC RULES: PRESUNRISE SERVICE AUTHORITY (PSA)

Since questions have been raised in recent DX Monitors regarding just what hour daytimers can sign on (generally 6 a.m. their local time), I thought you might like to see the FCC rule regarding PSA operation.

Generally, a PSA allows a daytimer to sign on at 6 a.m. year-round. Some daytimers located close to class I-A or class I-B stations may have to stay off the air till sunrise at the class I station, which could give the daytimer a sign-on time for a given month sometime between 6 a.m. and the daytimer's local sunrise. However, the 6 a.m. starting time applies to all regional channels (class III), as well as the six Mexican clear channels.

However, ANY daytimer (even those without PSA's) may sign on with full daytime power at its local sunrise. Thus, in months like April thru August, when sunrise is usually before 6 a.m., daytimers are authorized to sign on at times like 5:15 or 5:30 a.m., and a number of them DO.

Some daytimers, such as KGHO-1560 where I work, choose a uniform 6 a.m. sign-on time year-round, and never come on earlier. The idea is that listeners with AM clock radios who wake up before 6 a.m. may get used to waking up to the station in the summer, then be disappointed when the sign-on time reverts to 6 a.m. in the fall and winter. Other stations, though, don't worry about it, and prefer to operate EVERY hour that the FCC legally lets them. Oftentimes a station with a 24-hour FM that simulcasts during the day will sign on at sunrise in the spring and summer, rather than wait till 6 a.m., since the deejay is already there and all he has to do is turn on the AM transmitter!

There are some long-standing presunrise operations that continue under some kind of special authority, either from the FCC or from some court that has issued an injunction to allow pre-6-a.m. or full-power presunrise operation to continue as it did before late 1967, when the current presunrise rules were basically adopted. Some limited-time stations fall into this category. As you probably know, a limited-time station which is east of the class I station which makes it leave the air can stay on after local sunset until the sunset time at the class I station. (Examples: WHLO-640, WLIB-1190.) Up till 1967, this was balanced by a provision in the presunrise rules which allowed limited-time stations, as well as most daytimers and in fact, many fulltimers, to sign on with their full daytime facilities as early as 4 a.m. standard time (5 a.m. DST) as long as it was after sunrise at any class I stations on the channel (for clear channels only) and no objectionable interference was caused to any other stations on the channel. This meant limited-time stations like KGBS-1020 could sign on as early as KDKA's sunrise or 4 a.m. PST, whichever was later, to provide full-power operation before sunrise just like WHLO provides after sunset till KFI's sunset. However, this provision was wiped out in the 1967 rulemaking proceeding, and while the hours of operation for a limited-time station still provide for post-sunset operation east of a class I station, they no longer provide for pre-sunrise operation west of a class I station except under a PSA, with its power limit of 500 watts and operation before 6 a.m. not allowed except when local sunrise is before 6 a.m. However, I understand that KGBS still signs on at 5:45 a.m., so they must have some special authority from a court or the FCC, especially if they use more than 500 watts presunrise, which they used to do.

KCTA-1030 Corpus Christi, Texas, is a special case in that they are NCT a "limited-time station" (that is, they can not operate Monday morning nighttime hours when WBZ is off), but are licensed to operate from Boston sunrise to Corpus Christi sunset. With 50 kw nondirectional, KCTA puts a nice signal this way during those "nighttime" hours in the West after Boston sunrise. KCTA signs on at 4 a.m. CDT in June.

Another special situation is limited-time KFAQ-1100 San Francisco. KFAQ uses its old power of 1 kw nondirectional during nighttime hours of 10 p.m. to 3 a.m. (0100-0600 ELT, which was KYW-1100's silent period years ago before it was WKYC and then WWWE). But KFAQ somehow manages to sign on at 5 a.m. with its full daytime power of 50 kw and a directional pattern so strong to the north and south that KFAQ actually sells religious programs in sunrise and sunset skip at special rates based on added coverage of Washington and Oregon, and changing the scheduling from winter to summer (i.e. 4 p.m. in December, 7:30 p.m. in June) to be sure distant skip listeners can hear the shows. Obviously, programs after 5 a.m. get out very well year-round, and I still don't really understand how KFAQ can operate between 5 and 6 a.m. nor use more than 500 watts between 6 a.m. and sunrise - unless there's a court or FCC ruling somewhere. WWWE is also supposed to approve of KFAQ's nighttime schedule, too - but WWWE may not really care since KREX probably ruins the channel anyway.

So you see, there ARE cases where a daytimer can legally operate before 6 a.m. local time, although not usually on a year-round basis. Any light into the special pre-6-a.m.

operations of stations like KFAQ and KGBS would be greatly appreciated by your Special Features Editor.

SPECIAL NOTE: The PSA rules you see here are identical to the latest printed volume of FCC regulations. The FCC has just amended the rules to allow PSA operation on 1540 kHz by some 26 stations, following an agreement with the Bahamas on 9/4/74 (reported in 12/2/74 Broadcasting, used by permission); other stations on 1540 are too close to class I-B station KXEL. However, this rule change is too recent to be in print in the FCC rules volume just yet. -BH.

§73.99 Presunrise service authority.

(a) In order to afford the maximum uniformity in early morning operations compatible with interference considerations, the following classes of standard broadcast permittees and licensees are eligible to request presunrise service authority (PSA):

(1) Class II stations operating on clear channels other than Class I-A clear channels; Class II stations operating on Class I-A clear channels assigned to the United States under the NARBA or the U.S./Mexican Agreement, where such Class II stations are located west of co-channel Class I-A stations; and Class II stations operating on the Class I-A clear channels 730, 800, 900, 1050, 1220, and 1570 kHz, which are assigned to Mexico under the aforementioned agreements.

(2) Class III stations.

(b) When issued, a PSA will permit:

(1) Class II stations operating on Mexican Class I-A clear channels to commence operation with their daytime antenna systems at 6 a.m. local time, and to continue such operation until the sunrise times specified in their basic instruments of authorization; and other Class II stations, where eligible under paragraph (a)(1) of this section, to commence operation with their daytime or critical hours antenna systems either at 6 a.m. local time, or at the time of sunrise at the westernmost Class I station located east of the Class II stations (whichever is later), and to continue such operation until the sunrise times specified in their basic instruments of authorization: *Provided*, That the permissible power to be specified in a PSA shall not exceed 500 watts (or the authorized daytime or critical hours power, if less than 500 watts), or such lesser power as may be determined by computations made pursuant to paragraph (c) of this section.

(2) Class III stations to commence operation with their daytime antenna systems at 6 a.m. local time, and to continue such operation until local sunrise: *Provided*, That the permissible power, to be specified in the PSA, shall not exceed 500 watts or such lesser power as may be determined on the basis of calculations made pursuant to paragraph (c) of this section.

(c) Notwithstanding the provisions of §§ 1.571 and 1.580 of this chapter, requests for PSA's shall be treated as proposals for minor changes in existing facilities and, as such, are not subject to the procedural requirements or remedies applicable to applications for new facilities and major changes therein. PSA requests shall be submitted by letter, signed in the manner specified in § 1.613 of this chapter, with the following information:

(1) Name, call letters and station location.

(2) For Class II stations operating on clear channels other than Class I-A clear channels, a showing that objectionable interference as determined by the Standard Broadcast Technical Standards (§§ 73.182 to 73.190), or by the engineering standards of the NARBA (whichever is controlling), will not be caused within the 0.5 mv/m 50 percent skywave contour of any domestic Class I-B station, or of a Class I-B station in any country signatory to the NARBA, where the Class II station is located east of the Class I-B station; for Class II stations operating on Mexican Class I-A clear channels, and for Class II stations located east of co-channel Mexican Class I-B stations, a showing under the engineering standards of the United States/Mexican Agreement that the Class II station does not produce a signal in excess of 25 uv/m 10 percent skywave at any point on the co-channel Mexican Class I station's 0.5 mv/m 50 percent skywave contour which falls on Mexican territory, or more than 50 uv/m 10 percent skywave at any point on the Mexican border or boundary where the signal of the Mexican Class I station exceeds 0.5 mv/m 50 percent skywave in strength. In addition, the applicant must show that foreign Class II stations (if any) assigned to the same channel as the U.S. Class II station will receive full protection under the standards for nighttime operation set forth in the applicable agreement. If the foregoing protections cannot be achieved by the Class II station while operating with 500 watts, a showing may be submitted to establish the level to which power must be limited to preclude objectionable interference: *Provided*, That in relation to Canadian Class II stations, the permissible power level may be established in the manner described in paragraph (c)(3) of this section by the use of Figure 12 of § 73.190.

(3) For Class III stations, a showing that co-channel stations in foreign countries will receive full treaty protection. If such protection cannot be achieved on the basis of 600-watt operation, calculations may be submitted to establish the level to which power must

be reduced to preclude objectionable interference: Provided, That with respect to Canadian Class III stations, such power level may be established by a showing that the radiation at the pertinent vertical angle toward cochannel Canadian stations does not exceed that defined in Figure 12 of § 73.190. If the latter showing cannot be made on the basis of 500-watt operation, calculations may be submitted to establish the level to which power must be reduced in order to limit radiation at the pertinent vertical angle to the values specified in Figure 12 of § 73.190.

(4) A description of the method whereby any proposed power reduction will be achieved.

(d) Calculations made under paragraph (c) of this section shall not take outstanding PSA's into account, nor shall the grant of a PSA confer any degree of interference protection on the holder thereof.

(e) Operation under a PSA is not mandatory, and will not be included in determining compliance with the requirements of § 73.71. To the extent actually undertaken, however, presurprise operation will be considered by the Commission in determining overall compliance with past programing representations and station policy concerning commercial matter.

(f) The PSA is secondary to the basic instrument of authorization and may be suspended, modified, or withdrawn by the Commission without prior notice or right to hearing, if necessary to resolve interference conflicts, to implement agreements with foreign governments, or in other circumstances warranting such action.

(g) The PSA will be issued for a term coinciding with the current basic instrument of authorization and, unless surrendered by the holder or suspended, modified or withdrawn by the Commission, will have continuing or renewed effect under succeeding instruments.

(h) The issuance of a PSA is intended to include the waiver of §§ 73.45, 73.182, and 73.188 in situations where the operation might otherwise be considered as technically substandard. However, such special conditions as the Commission may deem appropriate may be included in the PSA to insure the operation of the transmitter and associated equipment in accordance with all phases of good engineering practice.

(i) In the event of permanent discontinuance of presurprise operation, the PSA shall be forwarded to the Commission's Washington office for cancellation, and the Engineer in Charge of the radio district in which the station is located shall be notified accordingly.

FCC approves sale of KCBQ

The Federal Communications Commission in Washington, D.C., has approved the transfer in ownership of KCBQ from Bartell Media Corp. to Charter Company, according to Russell Wittberger, general manager.

The San Diego station was one of six affected by the FCC action. Bartell Media has merged with Charter, a holding company with interests in land, finance and oil.

New radio show due

"The American Woman," a new radio series, will begin Monday at 11:30 a.m. on KSDO.

It will report on the changing life styles and job patterns of today's women, according to producer Joan Burke. CBS Radio is producing the series, which will be on daily.

"We intend to highlight the achievements and advancements of very real, modern American women," Miss Burke said.

Various CBS correspondents will serve as anchor women on the series. Next week, Sylvia Chase, Marya McLaughlin and Connie Chung will take over.

160 Radio Stations Sign Up For Reagan

By DOUG WILLIS

SACRAMENTO (AP) — Gov. Ronald Reagan's new daily radio show will gross between \$2.5 million and \$5 million in advertising revenue during its first year on the air, the producer of the show predicts.

And most of the 160 to 175 radio stations expected to carry the daily 5-minute commentary beginning Jan. 20 are scheduling it during prime radio listening time — the morning and evening commute periods, producer Harry O'Connor said in a telephone interview.

"The response is excellent. We are way ahead of projections we had made in terms of inquiries and sales. The program has been very easy to sell," O'Connor said Friday. He said he had projected "at the outside, the most optimistic, 75 to 100 stations" would sign up for the programs by Jan. 20. But he said he already has signed or pending contracts for 175 stations and that business will improve in early January.

The program is viewed by Reagan supporters as a vehicle for keeping before the public Reagan's conservative political philosophy and his name as a prospective presidential candidate in 1976. But it also will be a financial success, O'Connor said.

Asked how much money the program will earn for Reagan, O'Connor said it is "so improper it's unthinkable" for him to comment on that. A spokesman for Reagan, press secretary Clyde Walthall, also declined comment on Reagan's potential personal earnings from the political commentary show, to be called "Viewpoint."

But O'Connor said he expects it will return \$800,000 to \$1 million in gross receipts to his production company. He added that to calculate the gross receipts of stations selling sponsorships for the program "a good rule of thumb is 3-1 to 5-1."

He said that means total gross annual advertising revenue to all stations carrying the show will be in the range of \$2.5 million to \$5 million during 1975.

O'Connor said a wide variety of both local and regional sponsors have signed up to carry the Reagan political commentary program, but that there are no plans for a nationwide sponsor.

He said sponsors "include a great number of savings associations, banks, automobile dealers. In one of the western states we have a mobile home dealers association."

The Republican governor is scheduled to record his first 10 programs Jan. 8.

Monday, December 30, 1974

THE SAN DIEGO UNION

WGON radio station 140

munising, michigan 49862

So you want to buy your own radio station? Then you could pick your own announcers, play your own music. And you could make a killing. Or you could lose your shirt.

If you want to buy, now's your chance. The economy is turbulent. Times are tough. Money is tight. And radio stations seem to be worth more than ever.

ALTHOUGH we have no direct lines to station brokers, it is understood that a major Seattle AM-FM station entertained, but rejected, an offer of \$1.2 million. The asking price of \$1.5 million was apparently firm. A well-run FM-stereo station was staggered last month to receive an offer of \$700,000 from some out-of-town buyers. The deal was discussed seriously in board meetings and eventually turned down.

Two local newsletters have sounded the alarm that KXA is for sale. The station manager officially evades the reports by saying "anything is for sale at the right price."

The prices of radio station fluctuate wildly based on their profit potential. A station that has a good track record and proven money-making ability sets its own price. A station with a limited-appeal format or an embarrassing balance sheet can drain an investor quickly. (Radio stations in town that are "embarrassed" have been known to lose from \$20,000 to \$60,000 a month.)



Radio

by VICTOR STREDICKE

AN AM STATION which once had a ridiculous asking price of \$1.5 million is now considering an offer of less than \$800,000.

(Superpowerful and/or supersuccessful stations like KJR, KOMO and KIRO-AM-FM are seldom placed on the market. Although speculation about what those lucky combinations could bring, may be inefficient and futile, a broadcaster once conceded KJR might be a good buy at \$5 million.

Four of five years ago, you could have picked up a marginal suburban station for under \$100,000 — when the going price for a so-so Seattle FM frequency was \$200,000.

MORE RARE is a station shuffle to improve dial position or power. Agreements on the desks of three station managers indicate, that KUUU, KTW-AM and KYAC-AM have negotiated among themselves a sale, trade and frequency switch.

CKOC
** 1150
RADIO HAMILTON



The Evening Bulletin Tuesday, January 7, 1975

Station WPEN Goes Off the Air

Radio station WPEN, which had a glorious heyday in the 1950s, went off the air yesterday, the AM outlet taking along its FM affiliate.

The stations, which during the last five years lost almost \$4 million, will be silent until a new owner builds modern facilities and replaces obsolete equipment.

WPEN's assets were transferred by the William Penn Broadcasting Co. to Greater Philadelphia Radio Inc. at noon, one minute after the stations pulled the plug. Assets Transferred

William Penn transferred its assets for \$4 million, implementing an agreement of sale signed in October 1973

and approved 10 weeks ago by the Federal Communications Commission.

The purchase includes a payment of \$300,000 to William Penn, to be used to settle liabilities, with the remaining \$4 million going to Fidelity Bank to pay off the mortgage that financed the purchase of the station in 1969 by Martin W. Field, a Philadelphia real estate developer who owned William Penn.

Greater Philadelphia Radio Inc. is a subsidiary of Greater Media Inc., a New Brunswick, N.J., company that owns eight other radio stations. Station 'Slipped'

Peter A. Bordes, president of Greater Philadelphia

Radio Inc., said the stations will remain silent "for several months," while the "technical facilities are rebuilt and a new staff is assembled to resume broadcasting in a new format."

"WPEN slipped and could no longer attract sufficient revenue from advertising to continue operating," Bordes said.

Larry Wexler, general manager of the stations, will remain in that post. New Transmitter

Wexler said the shutdown cut a staff of 18, in all categories, from the payroll. He added, however, that the new owners hope to reemploy as many of them as possible.

"The job has now begun to completely rebuild the stations from the ground up," Wexler said. "WPEN will be fitted with a new 5,000-watt transmitter (same strength as before but more efficient), a new primary antenna tower, a new ground system, and with its FM system being equipped to broadcast in stereo.

The stations occupy the second and third floors of a three-story building at 2212 Walnut st. in Center City Philadelphia.

Wexler said the broadcast studios and production facilities will be torn out and replaced with modern equipment.

January 18, 1975

Veries

In this edition members have sent a "report" to fictitious WCIC in Cicero, Illinois. Details of the reception were gathered from the Veries column in the September 21, 1974 DX Monitor. The reports to WCIC are printed here, along with an additional report. These reports are being retyped to fit the column, but other than that no changes have been made.

* * * * *

Chief Engineer
Radio Station WCIC
660 Cermak Road
Cicero, Illinois 60650

5004 17th Ave. Northeast
Seattle, Wash. 98105
November 10, 1974

Dear Sir:

I am pleased to report reception of WCIC, on 1310 kilocycles, from 1:40 AM to 1:50 AM Central Daylight Time on the morning of Sunday, November 10, 1974. Following is a resume of programming heard in CDT:

- 1:40 News with Harry Jones.
- 1:42 Spot for Bert Wineman Ford.
- 1:43 Weather forecast, it's raining and 55 degrees in Cicero.
- 1:47 Public Service Announcement about highways.
- 1:50 WCIC news headlines with story about crime on West Side. ID "Super CIC Cares"

Your format was rock and roll. One song heard was "I'll still love you when the A-Index is high."

Reception was fair to good. Although there was strong interference from KOL, 1300kc in Seattle, and CHON, 1320kc in Vancouver, B. C. your signal was strong. Secondary interference from KEIN 1310kc in Great Falls, Montana was slight. There was slight atmospheric static. Fading was slight although there was one fade of significance at 1:45 which lasted for 30 seconds. Readability of your signal was 95%.

I am a regular listener of the AM broadcast band having heard 285 stations in 34 states. In addition I've heard stations in Japan and Columbia. Illinois stations heard include WLS, 890 kc and WMAQ, 670 kc, all in Chicago. Also I am a member of the International Radio Club of America. I heard your station on a Hallcrafters B-120 using a spiral loop antenna beamed eastward so that I could get the best possible null on KOL.

I would like receiving verification of this report and would like, if possible, to also receive a coverage map of your station. Thank you for your time and trouble. For your convenience, by the way, I am enclosing return postage. Thank you again.

Yours Sincerely,

Jon Orren

* * * * *

Robert Kramer
3406 W. Pierce
Chicago, Ill. 60651

Radio Station WCIC
660 Cermak Road
Cicero, Illinois 60650

November 10, 1974

Dear Sir:

I am happy to report my reception of WCIC on a class 3, regional channel frequency of 1310 kHz on November 10, 1974 between 1:40 and 1:50 AM Central Daylight Time. Your signal was poor, with interference from several unidentified stations. My receiver is a Hammarlund HQ-129-X 6 band communications receiver with a 4' high and 3' wide directional loop antenna.

The following are the details of my reception:

- | TIME | DETAIL |
|------|---|
| 1:40 | The news with Harry Jones (?) |
| 1:42 | Lynn Burton doing a Bert Weineman Ford spot. |
| 1:43 | Weather Forecast, it was 55 degrees in Cicero. |
| 1:44 | Rock song. |
| 1:47 | FSA, not sure what for, a mention was made of highways. |

- 1:48 Talk, I believe this was about why nobody in Cicero can hear WCIC.
- 1:50 WCIC news update.
- 1:50 A station jingle; Super CIC Cares
- 1:50 Rock song.

If the above is correct, I would appreciate a card or letter to verify my reception of WCIC. If they are available could you send me a few record charts, a coverage map, & decal or bumper sticker to add to my collection? Enclosed is a 10¢ stamp for your reply. I thank you for your kind attention.

Sincerely,

Robert Kramer

* * * * *

John C. Keleher
Box 7543, Fairfield Stn
Fort Wayne, Indiana
46807

Chief Engineer
Radio Station WCIC
Cicero, Illinois

November 10, 1974

Dear Sir,

I'm pleased to report reception here of WCIC, 1310 kilohertz, on Sunday morning, November 10, 1974 at 1:40 A.M., Central Daylight Time. Following is a summary of program details heard;

Time (C.D.T.-A.M., 11-10-74)

- 1:40 News broadcast. Newscasters name sounded like "Harry Jones."
- 1:42 Spot for Bert Wineman Ford. Many '74 models still available, at low-low prices.
- 1:43 Weather report, rain forecasted, present temperature 55°. Continued program of popular-rock music.
- 1:47 Sounded like a Public Service Announcement, mentioned "highways," difficult to hear due to fade.
- 1:50 "WCIC News Update," items on area efforts to fight crime.
- 1:51 "Super C-I-C...cares" sung by girl singers. Continued rock music program.

Signal strength was generally fair, with a severe fade experienced between 1:46 and 1:49. Interference was from stations WIFE, Indianapolis, Indiana, and CFCR, Richmond Hill, Ontario, both also on 1310 kilohertz.

My receiver is a Barlow's XCR-30 with 18 transistors. The antenna is a ferrite rod type with 2-transistor preamplifier.

Your verification of my reception, by card or by letter, would be much appreciated. Enclosed is return postage for your reply.

Thank you for your consideration, and I hope to tune in to WCIC again from time to time.

Sincerely,

John C. Keleher

* * * * *

Philip Boersma
15570 Cleveland St.
Spring Lake, MI
49456

November 10, 1974

Radio Station WCIC
660 Cermak Road
Cicero, IL 60650

Dear Sirs,

With pleasure this Sunday morning, November 10, 1974 I received your station, WCIC, 1310 kHz, from 1:40 to 1:50 a.m. Central Daylight Time during your regular schedule of broadcasting.

Your signal was poor, with about 75% readability, and interference from WIFE, Indianapolis, and WNIC Dearborn, Michigan was very severe, at times almost drowning out your signal. Atmospheric noise and fading, however, were slight.

Programme details:

- 1:40-News is given, newscasters name sounded like Harry Jones.
- 1:42-Commercial is aired for Bert Wieneman Ford.
- 1:43-The weather for WCIC's listening area is read, forecasting rain, and giving the temperature as 55° in Cicero.
- 1:44- Rock song "I Hate Sending Reports To You" by Derek and the DXers is played.
- 1:47- An announcement, sounding like a Public Service Announcement, is aired; mentioning highways, but I couldn't make it out, as WNIC was too strong.
- 1:48-More talk, but I couldn't make it out, as WNIC was too strong.
- 1:50-WCIC news updater is read, stories on West Side crime, drug abuse, and corruption.
- 1:50- "Super CIC cares" is sung as a jingle.
- 1:50-Rock song "I'll still Love You When the A-Index is High" by Frederick Burg is played. During this song, your signal was lost completely to WNIC and WIFE.

If possible, I would like to receive a WCIC coverage map.

If this report is correct, and checks with your logs. I would appreciate receiving a card or letter confirming my reception of your station. Return postage is enclosed.

Thank you for your time and trouble.

Receiver: Panasonic RF-1600
Antenna: 60 foot longwire

Thanking you
Sincerely,

Philip Boersma

RECEPTION REPORT

From: Brent Koen
77 W. Chisholm St.
Duluth, Minn. 55803

To: Chief Engineer
WCIC Radio
Cicero, Ill. 60650

Date: November 10, 1974
Time: 1:40-1:50 am CDT
Frequency: 1310 kHz
Rcvr: Sony 9 transistor AM/FM portable.
Ant: 140 ft. longwire, NE/SW run

SINFC 32433 heavy interference from Duluth station KXXX 1330, slight from WHSX 1300

Identification matter;

- 1:43- Weather forecast, rain, "55 degrees in Cicero"
- 1:50- WCIC News Update
- 1:50- Musical Jingle, "Super CIC...cares"

Please QSL.

Thank you

Brent Koen

* * * * *

Thomas H. White
4 Ketcalf
Station #1
Charlottesville, VA
22904

Dear Sir,

This Sunday Morning, November 10, 1974, I heard your station, WCIC 1310 kHz from 1:40 AM to 1:50 AM Eastern Daylight Savings Time. The program details, as they were heard, follow;

- 1:40 - News report, given by Harry Jones (or similar)
- 1:42 - Spot for Bert Wieneman Ford.
- 1:43 - Weather report, "55° in Cicero"
- 1:44 - Rock and roll song
- 1:47 - FSA?, there was some talk about highways
- 1:48 - WCIC News Update"
- CID, "Super CIC cares"
- song

The signal at the time of reception was mostly "fair" to "poor" in strength with moderate fading. There was only a jumble of weak stations on 1310 causing slight interference, and I also had interference from WTTN-1320 in Pittsburg, PA. Overall your station does well for 1000 watts.

If th's report checks out with your station's log I would greatly appreciate a card or letter of confirmation of reception. Return postage is included.

Sincerely,

Thomas H. White

* * * * *

Richard C. Evans
Box 1908
Gary, Indiana 46409

KVCL Radio
Box 3030
Lafayette, Louisiana 70504

October 17, 1970

Dear Sir:

I am pleased to report that I listened to KVCL, 1330 kc. on October 17, 1970 and was wondering if someone would be kind enough to confirm my reception of your signals. The technical factors and program details follow below:

Receiver: Hammarlund HQ-100ac
Antenna: 2 foot square directional loop.
Weather here: 45 degrees and clear.
Interference: Very slight
Atmospheric noise: none.
Readability: Excellent.

- 7:14 PM CDT Spot for Preston and Wallace Men's Wear, 301 Highland Boulevard.
- 7:14½ Spot for D and D Office Supplies, 300 Main Street in Lafayette, phone 233-1840
- 7:15½ Pick up broadcast of LSU game against Kentucky (homecoming for LSU)
- 7:16 Local spot for Texaco.
- 7:18 Football scores.

I was quite surprised to discover I was listening to Lafayette, Louisiana. With the quality of reception you were putting in here, it sounded as though you were in Lafayette, Indiana only 100 miles south of here.

I am enclosing return postage for your convenience in replying. If KVCL has any bumper stickers, would you please send me one to add to my collection? Thank you.

Age 25 and single, I am the evening "cigar-chewing" truck dispatcher for Spector Freight System. Also an avid newspaper collector, I have 1912 papers from 39 countries. About halfway through a traffic management course, I am holding a 3.75 average.

Thank you very much for your time and bother.

Sincerely,

Richard C. Evans

Dan Sheedy writes; "...I usually try for a couple of things not found in the given details..exact addresses for local spots (telephone #s etc.) FSA times..if I don't get 'em..and it's a small station, I don't report it. Obviously all reports won't be able to carry all those details, but it sure does help. Many moons ago (circa 1966) I did some log-keeping at an FM station at an FM station at the college I was attending..and most of the junk I listed above was easily found in the programme log.. whereas SIDs (which technically aren't IDs at all, but jingles) aren't much.."official" hour or ½ hour IDs are nice too..if possible (99% of all stations f/out between :58 and :02).."

Brent Koen asks; "In all of my reports I have been using the SINFC code, used by SWLs, in my BC as well as my SW correspondence. Do you think it would help raise my reply percentage?" Well, actually, no. Most stations don't have the slightest idea what SINFC means. Just describe reception conditions in your own words. Also stay away from other SWL/AR terms like QSL RST SIC etc. as they mean nothing to the average station employee.-KDF

Thomas White writes: "Enclosed is a copy of my average type reception report. It is derived from the article by Bob Coomler in "The Principles of BCE DX'ing," in the New Member packet. Most of the reports that I send out have about this much information, and I try to send reports with more than one or two verifiable items. I always send RF, unless it's a Canadian station. Overall the report is pretty cut and dried, which probably hurts my verification rate..." It depends on the DXer as far as "personality" in reports is concerned. I think some stations would just like a brief concise and correct report which gives all the information while others would be interested in what the DXer does for a living or whatever. -KDF

January 18, 1975

SCAVENGER HUNT CONTEST STANDING

| PLACE | NAME | TOTAL | CATEGORIES | SUGGESTIONS |
|-------|------------------|-------|------------|-------------|
| 1 | Kramer, Ill. | 11 | 10 | 1 |
| 2 | Fader, NY | 10 | 8 | 2 |
| | Bill Hardy | 10 | 10 | 0 |
| | Nancy Hardy | 10 | 10 | 0 |
| 5 | Abraham, Mich. | 9 | 9 | 0 |
| 6 | Rittenhouse, Ca. | 8 | 8 | 0 |
| 7 | Bradley, Col. | 7 | 6 | 1 |
| | Wheeler, Pa. | 7 | 7 | 0 |
| 9 | Hogan, Ind. | 6 | 6 | 0 |
| | Scully, Ca. | 6 | 3 | 3 |

The purpose of this column was to show the various styles of reporting. You may wish to incorporate some of the phrases or techniques in your own reports.

Thanks this time to:

- Philip Boersma, Spring Lake, Michigan
- Richard C. Evans, New Buffalo, Michigan
- John C. Keleher, Fort Wayne, Indiana
- Robert Kramer, Chicago, Illinois
- Brent Eoen, Duluth, Minnesota
- John Curren, Seattle, Washington
- Dan Sheedy, Encinitas, California
- Thomas H. White, Charlottesville, Virginia

Additional comments;

No, the call letters WCIC do not stand for "Crime in Chicago." The transmitter of WCIC is located in Berwyn, not the top of Sears tower, as someone suggested. Bert Weinman does not advertise on radio, but is a familiar face to late-night viewers of Chicago television.

Coming next; Prepared Cards, Reception report tips.

DX CONTESTS

CENDEXDX
Walter Kuenast
6304 Belo Horizonte, Austin, TX 78731

Steve Moss and I are temporarily handling the contests. Please send all reports to the address above. The contests will return to the old address in February. If you find that your latest report is not included in the standings, please let us know, as it may have been lost in the transition.

DOMESTIC/FOREIGN DX CONTEST STANDING

| PLACE | NAME | TOTAL | DS | DP | FS | FP | DIVISION |
|-------|-----------------------|-------|-----|-----|----|-----|----------|
| 1 | (1) Abraham, Mich. | 445 | 83 | 215 | 38 | 230 | |
| 2 | (3) Forth, Ill. | 413 | 99 | 295 | 26 | 118 | |
| 3 | (2) Kramer, Ill. | 360 | 100 | 300 | 18 | 60 | |
| * | (*) Breger, Tex. | 306 | 71 | 164 | 29 | 142 | |
| 4 | (10) Moss, Tex. | 300 | 65 | 140 | 31 | 160 | |
| 5 | (5) Rittenhouse, Ca. | 221 | 69 | 156 | 19 | 65 | AMATEUR |
| 6 | (6) Mayhew, Quebec | 219 | 71 | 164 | 17 | 55 | |
| 7 | (4) Sherman, Minn. | 200 | 80 | 200 | 0 | 0 | |
| 8 | (7) Hendricks, Ill. | 164 | 71 | 164 | 0 | 0 | |
| 9 | (11) Nancy Hardy, Wa. | 129 | 57 | 111 | 9 | 18 | |
| 10 | (8) Buehler, Mo. | 128 | 62 | 128 | 0 | 0 | |
| 11 | (14) Williams, Ore. | 110 | 0 | 0 | 25 | 110 | |
| 12 | (15) Hogan, Ind. | 109 | 53 | 99 | 5 | 10 | |
| 13 | (9) Erickson, Ca. | 108 | 54 | 102 | 3 | 6 | |
| 14 | (13) Scully, Ca. | 106 | 52 | 96 | 5 | 10 | |
| 15 | (12) Fader, NY | 86 | 38 | 56 | 12 | 30 | AMATEUR |
| | (20) Godwin, Ore. | 86 | 0 | 0 | 22 | 86 | |
| 17 | (16) Meredith, Ga. | 75 | 45 | 75 | 0 | 0 | AMATEUR |
| 18 | (12) Bradley, Col. | 73 | 43 | 69 | 2 | 4 | AMATEUR |
| | (18) Wheeler, Pa. | 73 | 43 | 69 | 2 | 4 | |
| 20 | (18) Bill Hardy, Wa. | 68 | 37 | 54 | 7 | 14 | |
| 21 | (22) Parsons, Ont. | 35 | 0 | 0 | 13 | 35 | |
| 22 | (20) Flegle, Fla. | 20 | 0 | 0 | 10 | 20 | |
| 23 | (23) Gill, N.Y. | 4 | 4 | 4 | 0 | 0 | |
| | (23) Moore, Mass. | 4 | 0 | 0 | 2 | 4 | |
| 25 | (25) Portzer, various | 0 | 0 | 0 | 0 | 0 | |

As soon as you reach 300 points in either the domestic or foreign portion of the contest, please write for the rules for the next 300 points.

Please submit only one station for each listed category (unless otherwise noted). Also, identify the category for which the station was heard.

Stations to be heard in the month of FEBRUARY 1975: (All examples are fictitious stations.)

21. A station with the letters SKI in its official call letters. (ex. WIKS)
22. A station from a town ending in "Springs".
23. A station from a town on Interstate Highway 40.
24. A station whose official call letters can be found in the word WINTER PARK. Each letter can be used only as many times as it appears in the word. (ex. WRRK)
25. A station within 50 miles of a National Park. (National Monuments and Forests not allowed)
26. A station whose last three call letters are in alphabetical order (stations whose last three letters are ABC or XYZ are excluded) ex. KBCD
27. A station located in a town on the border of two states. The town must include a part of each of the state's name. ex. Kanaska: Kansas & Nebraska
28. A station from a city beginning with "Saint". The city must be foreign; US, Canadian, and Mexican cities are not allowed.
29. Assign each letter of the alphabet to a number (A=1, B=2, C=3...). Get a station whose official call letters when added up and divided by 5 equals the price of an all day lift ticket at the Winter White House. (Vail: \$10) ex. KOOI 11+15+15+9=50; 50/5=10.
30. A station from either the Northwest Territories of Canada or the Mexican state of Oaxaca.

Keep those Scavenger Hunt suggestions coming!

Good DX in 75 Walter Steve

THE BROADCASTING WORLD AWARD

This award is based upon the radio zones established by the International Telecommunications Union. The award can be applied for by all DXers holding verifications from broadcasting stations (including SW stations), in 25 of the zones. Stickers for 30, 35, . . . 60 zones can also be applied for. The verifications must be dated after Nov. 7, 1971. All bands, 0.5-30 MHz can be used. All loggings must have been done within the same country.

The application, showing (in this order) zone, country, station frequency, and date of verification, shall be checked and signed by two other DXers. STDXX has the right to ask for any particular verification for checking. The verification will be returned after checking.

The basic award, for 25 zones, costs \$1 U.S., or 7 IRCs. Stickers for higher number of zones cost 2 IRCs each.

The application, together with the fee, is to be sent to: STDXX Awards, P.O. Box 174, S-780 24 IDKERBERGET, Sweden. A list of radio zones can be obtained from the same address for 3 IRCs.

Radio Station K-SKY
K-SKY Roof of Hotel Stonehill
2927 Maple Avenue
Dallas, Texas 75201

'The Electric Church' More Commercial Radio Stations Get Religion; Profits Aren't Huge but Are Called Reliable

By MICHAEL J. CONNOR

Staff Reporter of THE WALL STREET JOURNAL.
Rock 'n' roll radio fans in the New York metropolitan area got a shock last April when they tuned in WVEJ, a Hackensack, N.J., radio station that had been playing Top 40 hits. Instead of the hard-driving strains of The Rolling Stones or The Who, listeners that morning were treated to a sampling of gospel and inspirational tunes. And where once there was the blare of fast-talking disc jockeys, now there was preaching: "Songtime," "The King's Hour," "A Look At The Book," "Inspiration Time" and the Chaplain Ray "International Prison Ministries" show, a program aimed at "winning prisoners from crime to Christ."

"A lot of our rock audience called and asked us when we were going to get that stuff off the air and when was the April Fool's joke over," station manager Larry Wasserstein recalls. But this wasn't a prank. And by 7:20 a.m. that day, Mr. Wasserstein says, "we had gotten our first call saying, 'Thank You and God Bless.'"

Like a very small but increasing number of radio stations, Pacific & Southern Broadcasting Co.'s WVDJ had found religion—or at least a radio format featuring a blend of gospel and religious music and preachers who address themselves to a wide variety of religious denominations. "The whole field is booming," says Ben Armstrong, executive director of the National Religious Broadcasters Association. Seven years ago, Mr. Armstrong estimates, one station a month was turning to a religious format. Now, the figure is said to be closer to one a week. And, Mr. Armstrong says, stations that go religious don't revert easily to a secular style.

"What we are witnessing," Mr. Armstrong says, "is the growth of the electric church. The electric church is on the move from both a financial and attendance standpoint while the organized church is on the decline."

Commercial Growth

The electric church, however, has a long way to grow. The religious broadcasters' association estimates that only 400 to 500 of the nation's 8,000 radio stations devote 18 hours or more a week to religious programming. Moreover, it is estimated that half the total number of religious stations are owned, and have been owned for some time, by private or church-related groups that don't intend to make a profit on their operations. These stations are supported by their owners, contributions from listeners or the sale of airtime to religious groups that package programs. The packagers of these programs are, in turn, supported by listener contributions.

"But in the last 10 years, the growth (in religious programming) has come in (profit-making commercial stations)," Mr. Armstrong says. "There will soon be more commercial stations than noncommercial." Spurred by increasing demand within the broadcast industry for specialized audiences and formats, these station operators figure that they can earn modest profits by selling airtime to the packagers of religious programs (who produce and provide their own programs free of cost to the station) and, in many cases, to standard commercial advertisers as well. Few people think that stations can make enormous sums with religious formats, but once a station is established in the field, the returns are said to be reliable.

Tommy Thompson, administrator of the media department of the Lutheran

Layman's League, says stations seeking advice from media consultants on possible formats these days are likely to find that the consultants "might recommend that you go country and western and they might recommend you go Top 40. But it's an even-money bet that they'll recommend you go religious."

An 'Unserved' Audience

WVDJ in Hackensack, for example, is trying to make religion work in the largest—and some say the toughest—radio market in the country. But Mr. Wasserstein claims it makes sense. "I would be less than honest if I didn't say we switched for economic reasons," he says. "We were just one of several rock 'n' roll stations in New York, and when you look around for a viable format and analyze the market, you see there's a duplication of every format—except religion. There's a large segment of the audience going unserved."

With an estimated potential audience of 16 million people in the New York metropolitan area, WVDJ is hoping that as the only major religious station in town, it will garner a modest percentage of the area's radio listeners—which could still amount to a large number. Mr. Wasserstein won't discuss the station's profitability, except to say that it "bustles" of mail and telephone calls from listeners are any gauge. "It's working out extremely well. . . . We will be a profitable station." The station charges packagers of religious programs (such as Chaplain Ray, a preacher from Dallas, or Theodore Epp, a minister who beams "Back To The Bible" from Lincoln, Neb.) about \$500 a week for a quarter-hour of air time Monday through Friday. Those rates aren't on the same scale as WVDJ's rock 'n' roll days. But because there is less work for each a religious station, the staff has been cut to 37 people from more than 60.

Most commercial religious stations accept advertising in addition to program packages. Since going religious in June WRNC in Raleigh, N.C., has taken local ads for everything except theaters, night spots, cigars and liquor. "I've got some automobile dealers and mobile-home dealers who got some results they can't believe," says Martin Street, the station's vice president. "We went down there with our microphones on location and told people to come on out." A boon to the station's sales: two local ministers who work part-time as advertising salesmen. "They look on it as part of their ministry," Mr. Street says.

When WRNC first went religious, from a middle-of-the-road format, ministers in local churches promoted the station. In a state where an estimated 60% of the population attends church, that helped. When an offering of 5,000 promotional bumper stickers was made, according to Mr. Street, the entire supply was wiped out in two weeks by "people who came out in everything from pickup trucks to Cadillacs." And over 1,000 telephone calls were received in the first week of operations from "people telling us they appreciate it." Like many religious stations, WRNC also provides news, weather, sports, stock-market reports and other services.

The Audience

Who listens to religious radio? No one is quite sure. One study has reported that about half the U.S. adult population "occasionally" listens to a religious radio program and that most listeners are regular churchgoers. That partially supports the findings of a listener survey taken by New Orleans station WVOG, which found that 90% of its audience attended church regularly, 63% were women, 43% listened at home, 48% were between the ages of 20 and 30, and, on the average, just over one person per household listened to WVOG.

"There is a great deal of listener loyalty to religious stations," says Michael Fulford, a New York-based media sales representative who is trying to sell time to national and regional advertisers on behalf of religious stations. Mr. Fulford's efforts have just started, and it's unclear what kind of reception the big media buyers will give him. But the salesman says advertisers should note that the average religious station's listeners "aren't just little old ladies in tennis sneakers. There are a large number of middle-aged people who listen to religious radio who buy cars, buy gas, go on vacation and do everything normal people do."

But money isn't everything. For instance, the Lutheran Layman's League, an agency of the Missouri Synod of the Lutheran Church, broadcasts "The Lutheran Hour" regularly on 1,100 stations around the country. But none of them is religious. "We've defined our mission as evangelistic," Mr. Thompson says, "so if we buy time on a commercial religious station, we think we're talking to ourselves." The organization's efforts have been aided by the 500 stations that carry "The Lutheran Hour" as a public service, up from the "nonexistent" number that offered free time four years ago. The increase is partially because stations are trying to fulfill Federal Communications Commission public-service requirements. But as religious radio is going commercial, Mr. Thompson feels that the commercial side may be getting more religious. "I think the broadcasting industry has developed a greater concern over the moral character of our nation," he says.

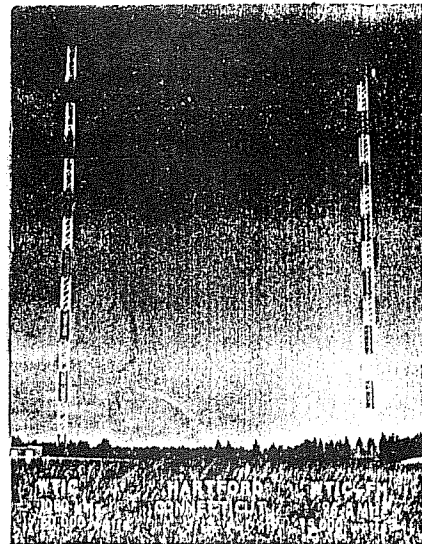
Researchers at the University of California San Francisco Medical Center, Lynn noted, have found that cardiac pacemakers can be disabled by signals from fm and television transmitters. This finding may lead to the redesign of some pacemakers.

The second major concern of medicine, Lynn said, is that electromagnetic radiation levels in large cities may directly affect the human body. He gave some examples of biological effects produced by electromagnetic fields.

"A frequency of about 30 MHz can kill any bugs in a loaf of bread, he explained, and the microwave oven frequency of 2450 MHz can damage human tissues. At a frequency of about 10 GHz, ants align their antenna in a parallel with the electromagnetic field, and the wings and legs of chickens will extend when irradiated by about 18 GHz."

Some electromagnetic pollution may be unavoidable, the consultant said, as the radio spectrum is saturated with more broadcasting, communications and telemetry signals. This leads to such problems as cross-channel interference between services and the saturation of the air-traffic control system over large cities.

But other interference sources are clearly avoidable, he continued. The leakage of signals from cable television systems, because of damaged cables or faulty shielding or improperly adjusted transmitters, can be halted, Lynn noted. And interference generated by electric power-distribution systems, railroads, automobiles and electrical equipment may require the redesign or replacement of noise-generating parts, he said.



This acknowledges your reception report of WVIC AM FM on 5/20/74 at 11:4 AM GMT EDT

Thank you for writing.



KOL FM
100,000 watts of stereo rock.

KOL AM
The best of today's music plus news and personality.

- 107.7- KRAB
- 106.1- KLAY
- 105.3- KBQI
- 103.9- KTAC
- 102.5- KTW
- 101.5- KETO
- 100.7- KIRO
- 99.9- KISW
- 98.9- KEZX
- 98.1- KING
- 97.3- KTNT
- 96.5- KYAC
- 95.7- KIXI
- 94.9- KUOW
- 94.1- KOL**
- 93.3- KBLE
- 92.5- KBES

- 1590- KUUU
- 1560- KDFL
- 1540- KBES
- 1510- KURB
- 1460- KYAC
- 1450- KAYE
- 1400- KTNT
- 1380- KRKO
- 1360- KMO
- 1300- KOL**
- 1250- KTW
- 1230- KQWZ
- 1220- KASY
- 1150- KAYO
- 1090- KING
- 1050- KBLE
- 1000- KOMO
- 950- KJR
- 910- KIXI
- 850- KTAC
- 800- KQIN
- 770- KXA
- 710- KIRO
- 630- KGDN
- 570- KVI



KOL AM & KOL FM Stereo
The Sounds of Seattle.
For Young Adults of All Ages.



Spurious radio noise viewed as health peril

Electromagnetic pollution harms not only the performance of communications systems but people's health as well, the recent IEEE International Symposium on Electromagnetic Compatibility was told.

"We are paying a price, generally recognized by the public, for the effects of man-made radio noise," James F. Lynn, an EMC consultant, said in a paper on "Proliferation of Electromagnetic Pollution, or Look What We're Doing to Ourselves." "The man-made sources of

ELECTRONIC DESIGN 16, August 2, 1974

electromagnetic radiation have been increasing at a rate of about 20% per year for the past 35 years. Thus we are exposed on all sides to increasing amounts of non-ionizing radiation."

The medical community has become increasingly concerned about electromagnetic interference for two major reasons, Lynn observed. First, sensitive medical electronics equipment must be carefully shielded to prevent reception of undesired signals or radiation of its own energy to other equipment. The result is increased costs for vital hospital apparatus.

IRCA COUNTRY LIST

January 18, 1975

Af 1. Afars and Issas
 As 2. Afghanistan
 Eu 3. Albania
 Af 4. Algeria
 Oc 5. American Samoa
 Eu 6. Andorra
 NA 7. Anguilla
 Antarctica
 8. Victoria Land (McMurdo Sound)
 9. Wilkes Land (Kold Wilkes Base)
 NA 10. Antigua
 SA 11. Argentina
 Af 12. Ascension Island
 Oc 13. Australia
 Eu 14. Austria
 NA 15. Bahamas
 As 16. Bahrain
 As 17. Bangladesh
 NA 18. Barbados
 Eu 19. Belgium
 NA 20. Belize (British Honduras)
 NA 21. Bermuda
 SA 22. Bolivia
 Af 23. Botswana
 SA 24. Brazil
 NA 25. British Virgin Islands
 As 26. Brunei
 Eu 27. Bulgaria
 As 28. Burma
 Af 29. Burundi
 Af 30. Cameroon
 NA 31. Canada
 NA 32. Canal Zone
 Oc 33. Canton Island (Phoenix Islands)
 Af 34. Central African Republic
 Af 35. Chad
 SA 36. Chile
 As 37. China
 As 38. Tibet
 Oc 39. Christmas Island (Indian Ocean)
 Oc 40. Christmas Island (Pacific Ocean)
 Oc 41. Cocos (Keeling) Islands
 SA 42. Colombia
 NA 43. San Andres Island
 Af 44. Congo (Brazzaville)
 Oc 45. Cook Islands
 NA 46. Costa Rica
 NA 47. Cuba
 Eu 48. Cyprus
 Eu 49. Czechoslovakia
 Af 50. Dahomey
 Eu 51. Denmark
 As 52. Diego Garcia Island
 NA 53. Dominica
 NA 54. Dominican Republic
 SA 55. Ecuador
 Af 56. Egypt
 NA 57. El Salvador
 Af 58. Ethiopia
 SA 59. Falkland Islands
 Eu 60. Faroe Islands
 Oc 61. Fiji Islands
 Eu 62. Finland
 Eu 63. France
 Eu 64. Corsica
 SA 65. French Guiana
 NA 66. Guadeloupe
 NA 67. Martinique
 Af 68. Reunion
 Af 69. Gabon
 Af 70. Gambia
 Germany
 Eu 71. Democratic Republic (East)
 Eu 72. Federal Republic (West)
 Eu 73. West Berlin
 Eu 74. Gibraltar
 Oc 75. Gilbert and Ellice Islands
 Eu 76. Greece
 Eu 77. Crete
 Eu 78. Dodecanese Islands
 Eu 79. Greenland
 NA 80. Grenada
 Oc 81. Guam
 NA 82. Guantanamo Bay
 NA 83. Guatemala
 Af 84. Guinea
 Af 85. Guinea Bissau (Portuguese Guinea)
 SA 86. Guyana
 NA 87. Haiti
 NA 88. Honduras
 As 89. Hong Kong
 Eu 90. Hungary
 Eu 91. Iceland
 As 92. India
 As 93. Andaman Islands
 As 94. Kashmir
 Indonesia
 Oc 95. Java
 Oc 96. West Irian
 As 97. Iran
 As 98. Iraq
 Eu 99. Ireland
 As 100. Israel
 Eu 101. Italy
 Eu 102. Sardinia
 Af 103. Ivory Coast
 NA 104. Jamaica
 As 105. Japan
 Oc 106. Iwo Jima (Volcano Islands)
 As 107. Ryukyu Islands
 Oc 108. Johnston Island
 As 109. Jordan
 Af 110. Kenya
 As 111. Khmer Republic
 As 112. Korean Democratic Peoples Republic (North)
 As 113. Korea, Republic of (South)
 As 114. Kuwait
 As 115. Laos
 As 116. Lebanon
 Af 117. Lesotho
 Af 118. Liberia
 Af 119. Libia
 Oc 120. Lord Howe Island
 Eu 121. Luxembourg
 As 122. Macau
 Af 123. Malagasy Republic
 Af 124. Malawi
 Malaysia
 As 125. Malaya
 Oc 126. Sabah and Sarawak
 As 127. Maldives
 Af 128. Mali
 Eu 129. Malta
 Af 130. Mauritania
 Af 131. Mauritius
 NA 132. Mexico
 Oc 133. Midway Island
 Eu 134. Monaco
 NA 135. Montserrat
 Af 136. Morocco
 Oc 137. Nauru
 As 138. Nepal
 Eu 139. Netherlands
 SA 140. Netherlands Antilles
 NA 141. Saba, Sint Maarten
 SA 142. Surinam
 Oc 143. New Caledonia
 Oc 144. New Zealand
 NA 145. Nicaragua
 Af 146. Niger
 Af 147. Nigeria
 Oc 148. Niue
 Oc 149. Norfolk Island
 Eu 150. Norway
 Eu 151. Svalbard
 As 152. Oman
 Pacific Trust Territory
 Oc 153. Eastern Caroline Islands
 Oc 154. Marianas Islands
 Oc 155. Marshall Islands
 Oc 156. Western Caroline Islands
 As 157. Pakistan
 NA 158. Panama
 Oc 159. Papua New Guinea
 Oc 160. Bismarck Archipelago
 SA 161. Paraguay
 SA 162. Peru
 Oc 163. Philippines
 Eu 164. Poland
 Eu 165. Portugal
 Af 166. Angola
 Eu 167. Azores Islands
 Af 168. Madeira Islands
 Af 169. Mozambique

Inactive

- Af 170. Sao Tome and Principe Islands
- NA 171. Puerto Rico
- As 172. Qatar
- Af 173. Rhodesia
- Eu 174. Romania
- Af 175. St. Helena
- NA 176. St. Kitts (Christopher) and Nevis
- NA 177. St. Lucia
- NA 178. St. Pierre and Miquelon
- NA 179. St. Vincent
- Oc 180. Samoa (Western)
- As 181. Saudi Arabia
- Af 182. Senegal
- Af 183. Seychelles
- Af 184. Sierra Leone
- As 185. Singapore
- Oc 186. Solomon Islands.
- Af 187. South Africa
- As 188. South Yemen
- Eu 189. Spain
- Eu 190. Balearic Islands
- Af 191. Canary Islands
- Af 192. Ceuta
- Af 193. Melilla
- Af 194. Spanish Sahara
- As 195. Sri Lanka (Ceylon)
- Af 196. Sudan
- Af 197. Swaziland
- Eu 198. Sweden
- Eu 199. Switzerland
- As 200. Syria
- Oc 201. Tahiti (Society Islands)
- As 202. Taiwan
- As 203. Matsu Island
- As 204. Quemoy Island
- Af 205. Tanzania
- As 206. Thailand
- Af 207. Togo
- Oc 208. Tonga
- SA 209. Trinidad and Tobago
- Af 210. Tunisia
- Eu 211. Turkey
- Af 212. Uganda
- U.S.S.R.
- As 213. Armenian S.S.R.
- As 214. Azerbaijan S.S.R.
- Eu 215. Byelorussian S.S.R.
- Eu 216. Estonian S.S.R.
- As 217. Georgian S.S.R.
- As 218. Kazakh S.S.R.
- As 219. Kirghiz S.S.R.
- Eu 220. Latvian S.S.R.
- Eu 221. Lithuanian S.S.R.
- Eu 222. Moldavian S.S.R.
- Eu 223. Russian S.F.S.R.
- Eu 224. Kaliningrad
- As 225. Siberia
- As 226. Tadzhik S.S.R.
- As 227. Turkmen S.S.R.
- Eu 228. Ukrainian S.S.R.
- As 229. Uzbek S.S.R.
- As 230. United Arab Emirates
- United Kingdom
- Eu 231. England
- Eu 232. Isle of Man
- Eu 233. Northern Ireland
- Eu 234. Scotland
- Eu 235. Wales
- NA 236. United States of America
- NA 237. Alaska
- Oc 238. Hawaii
- NA 239. U.S. Virgin Islands
- Af 240. Upper Volta
- SA 241. Uruguay
- Eu 242. Vatican City
- SA 243. Venezuela
- As 244. Vietnam Democratic Republic (North)
- As 245. Vietnam, Republic of (South)
- Oc 246. Wake Island
- As 247. Yemen
- Eu 248. Yugoslavia
- Af 249. Zaire
- Af 250. Zambia

September 21, 1974

- Eu 1. Channel Islands (no BCB anymore)
- Eu 2. Danzig (after 9-1-39)
- Af 3. Eritrea (after 9-15-52)
- Af 4. French Equatorial Africa (after 8-16-60)
- As 5. French Indo-China (after 7-20-54)
- Af 6. French West Africa (after 8-16-60)
- Af 7. Ghana (no BCB anymore)
- Eu 8. Karelo-Finnish S.S.R. (after 7-15-56)
- As 9. Kwantung Peninsula (after 8-14-45)
- NA 10. Leeward Islands (after 2-27-67)
- As 11. Manchukuo (after 8-14-45)
- Oc 12. New Hebrides (no BCB anymore)
- NA 13. Newfoundland (after 4-1-49)
- As 14. Portuguese India (Goa) (after 12-19-61)
- Oc 15. Portuguese Timor (no BCB anymore)
- Af 16. Rhodesia and Nyasaland (after 7-6-64)
- As 17. Ryukyu Islands (U.S. Trust) (after 5-15-72)
- Eu 18. Saar (before 1-3-48 and after 12-31-56)
- Af 19. Somalia (no BCB anymore)
- Af 20. Spanish Morocco (N. Zone) (after 4-6-56)
- NA 21. Swan Island (no BCB anymore)
- Af 22. Tangier (after 12-29-56)
- Eu 23. Trieste (before 2-10-47 and after 5-19-54)
- NA 24. Windward Islands (after 6-1-67)
- Af 25. Zanzibar (after 6-30-64)

Af - Africa NA - North America
 As - Asia Oc - Oceania
 Eu - Europe SA - South America

Comments:

- Af Angola - oil rich Cabinda may be separated when Angola becomes independent.
- Eu Channel Islands - there is a rumor that they might put on a MW station.
- Af Comoro Islands - reported to be putting a 40kw MW transmitter on 1061.
- As Diego Garcia - new, AFRTS-1475, 20w, as per DXM 10-6-73.
- Oc Guam and the Marianas Islands may join politically.
- Oc Indonesia - all home stations will leave SW during 1974-79.
- Oc New Hebrides - reported to have a station on 1421.
- Oc New Zealand - plans to abolish the NZBC and form a new corporation.
- Af Portuguese Guinea - became Guinea Bissau on 9-10-74.
- Af Somalia - plans a 75kw MW transmitter.
- Oc Portuguese Timor - reported to have a station on 1560.
- Af South Africa - will terminate MW service during 1974.
- Oc Wallis and Futuna Islands - plans to start a MW station.

Long Wave Countries

Just for the record, in case we add long wave.

- Af 1. Algeria
- As 2. China
- Eu 3. Czechoslovakia
- Eu 4. Denmark
- Eu 5. Finland
- Eu 6. France
- Germany
- Eu 7. Democratic Republic (East)
- Eu 8. Federal Republic (West)
- Eu 9. Iceland
- Eu 10. Italy
- Eu 11. Luxembourg
- Eu 12. Monaco
- As 13. Mongolia
- Af 14. Morocco
- Eu 15. Norway
- Eu 16. Poland
- Eu 17. Romania
- Eu 18. Sweden
- As 19. Turkey
- U.S.S.R.
- As 20. Armenian S.S.R.
- As 21. Azerbaijan S.S.R.
- Eu 22. Byelorussian S.S.R.
- As 23. Georgian S.S.R.
- As 24. Kazakh S.S.R.
- Eu 25. Lithuanian S.S.R.
- Eu 26. Russian S.F.S.R.
- As 27. Siberia
- As 28. Tadzhik S.S.R.
- As 29. Turkmen S.S.R.
- Eu 30. Ukrainian S.S.R.
- As 31. Uzbek S.S.R.
- United Kingdom
- Eu 32. England

January 18, 1975

TERRITORY - GEOMETRICAL BCB DXing

----- de Ghoti, Ph.Dr

Do you flip on the ol RX, spin the dial and then DX the frequency on which it stops, then when you tune of that frequency, spin off to another in much the same matter? Well, that's "BCB Roulette" and your DXing habits may be heavily influenced by this technique--perhaps even characterized by it. Think about your style of BCB work. The bulletin DX test calendar may be the single common element in the DXing habits of club members. When you BCB otherwise, how organized is your approach?

This article suggest several methods that can be used to help organize your approach to BCB. Certainly not all techniques workable are discussed in what follows but a technique based upon geographical geometry is presented for your consideration with several methods of approaching a BCB scheme--choose the methodology that fits your style, habit or desire or generate a similar one yourself.

First, stake out your BCB "territory", say all stations within 150 or 250 miles of your RX location. Exactly what limit you use depends upon several things the most important of which is the density of stations. In Nebraska I used 250 miles and found approximately 250 stations inside; the same radius in North Carolina has resulted in more than 750 stations. After you've staked out your territory, make a list of all stations by frequency inside it, then keep your eyes panned in the club bulletins and your ears on the speaker to note any additions or changes in station activity within your domain. You thus become a monitor for the club, keeping tabs on your territory and reporting or substantiating data about stations as best you can within it--a desirable club-encouraged activity!!!

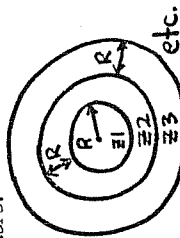
Second, the challenge is now to log every station in the territory you have selected. When you have accomplished that--extend your territory out farther. In this way you'll eventually log every BCB station in the world--simple isn't it. Starting with your "first" territory however, the radius chosen as the maximum limit depends upon the station density as stated above but also on the relative ground conductivity. For example, in the Southeastern USA a good power station 40 miles away in the nondirectional mode may well be inaudible while in the Great Plains stations are easily heard regularly even during the day as far out at 800 miles or more, the ground conductivity is higher and thus renders less ground wave attenuation. Thus, 250 is a good value in high conductivity areas but not so in poor areas--perhaps 150 miles is more reasonable. Anyhow, pick a value for an outer limit and stick with it. From years of experience, trying to log every station in even your first territory well represents one of the greatest DXing challenges you will ever take on! It will require every bit of your effort, ingenuity and tax your gear to the limit. Before the methodologies of territory DXing are discussed, some of these side effects will be mentioned.

Since most of the stations in your territory will be daytimers, sunrise and sunset DXing will be required as well as significant effort well into the daytime. Logging many of these stations in these periods will require the use of a loop antenna and one with a pretty decent set of logs at that. You'll be required to log stations on the same frequencies as your locals for instance, and on channels adjacent to them. The depth of the loop null, and quality and perhaps more important, the selectivity of your RX are the parameters of success. If either parameter is poor, you have a tiger by the tail. Exactly the same problem occurs within your territory as that of a powerful distant station on or adjacent to a FA, TP or LA station. Too, just as you learn long haul DX propagation phenomena in foreign DXing, so you will learn of short-haul effects, seasonal effects, diurnal effects and so forth in territory DX. Some stations are readable only during the static prone summer months when s/on/off times are at their limits. If you can't bust a channel by use of your equipment, you hunt for the frequency check or even get up enough steam to join the CPC and run off a DX test. Stations which are directional or switch patterns will also lie in your territory. You'll have to learn about antenna patterns--the NRC series PATTERNS is as much a daytime requirement as nighttime. So, trying to log that 250 watt station, 175 miles away, next to one of your locals and cochannel with two stations that boom in on the frequency when you loop cur/down your local bomber will teach you things you never dreamed of--if you're willing to make the effort to improve your techniques, gear and overall BCB knowledge. Yes, it's very educational. There will be more real challenges inside your territory than nonchallenges. Oh,

those local channel signals--lotsa luck! (It's not fair, by the way, to buy time on one of your local pests so you can create your own silent periods. Tsk. Tsk.) Other side effects result but not all are covered here. (Like bananas!) We now discuss geometrical-territory methodology.

Characteristic to every method is the TARGET station or stations. These stations will be determined according to the method used to attempt the logging of the entire territory. There is always at least one target and there may be many, depending on your approach. Once a station is logged, it is a target no longer. The following methods are not listed in any order of priority or goodness--choose one you like or create one of your own. In a number of these the use of a map (e.g., road maps) is essential or at least very useful.

ZONE METHOD: Take a map which depicts at least the geographical area you've selected as your local territory and draw on it concentric figures centered on your RX location. One can use concentric circles, squares, ellipses, etc. For the sake of illustration, only circles will be used in the description of this method here.



Z1 is the inner or first zone centered on your RX. The radius (R) of Z1 (Zone #1) is suggested at 50 miles. Z2 then is a R-mile (50-mile) band around Z1 and so on for Z3, Z4, Z5, ... Five zones will cover 250 miles. A road map is good enough to lay off such zones out to 250 mile final radius with a compass and ruler.

Now, make a list of stations for each zone by frequency, then set about to log all those in Z1 first, then all in Z2, all in Z3, etc. These lists for each zone form the target station lists and it can almost be guaranteed for every zone at least one station is a really tough challenge--DON'T GIVE UP! One of the real rewards is logging a station you really had to use your noodle and ingenuity to snag. In this method, you can elect to DX each zone by frequency, say, starting with the lowest frequency station(s) and ending with the highest, or log all local channels by frequency, then regionals, then clears. Thus, there are numerous "subroutines" that can be generated here as well as for some of the methods that follow.

EQUAL AREA METHOD: This is the zone method except that each zone has the same geographical area as the inner or first zone, Z1. Thus, as one moves outward, each zone has a thickness smaller than any of the previous ones. The radii for such zones are determined from square roots of the sequence 1,2,3,4,5,6,7, ... The following table is useful. Let R be the choice for the first zone, e.g., R=50 miles.

| Zone # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Outer Edge of Zone | R | 1.41R | 1.73R | 2R | 2.24R | 2.45R | 2.65R | 2.83R |
| For R=50 miles | 50 | 71 | 87 | 100 | 112 | 122 | 132 | 150 |
| | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| | 3R | 3.16R | 3.32R | 3.46R | 3.61R | 3.74R | 3.87R | 4R |
| | 150 | 158 | 166 | 173 | 180 | 187 | 194 | 200 |
| | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| | 4.12R | 4.24R | 4.36R | 4.47R | 4.58R | 4.69R | 4.80R | 4.90R |
| | 206 | 212 | 218 | 224 | 229 | 235 | 240 | 245 |
| | | | | | | | | 250 |

RADIAL METHOD: Measure or determine the airline or straight line (map) distance to each station in your geometrical territory. Then list the stations in the order of increasing distance from you RX and log them in that order. If two or more stations are equal distance, record them by increasing order of frequency and if they are same distance and same frequency, record them alphabetically by call letters.

THIS IS KKKC COUNTRY

AZIMUTHAL METHOD: Starting at 0° (True North) determine or measure the azimuth bearing of each station in the geometrical territory. 90° denotes East, 180° denotes South, 270° denotes West and 360° also denotes True North. The angle measure is clockwise N thru E thru S thru W and back to N (0°-360°). Then list stations in order of increasing azimuth bearing starting with 0° and ending at 360°. If two or more stations have the same bearing, list them by increasing frequency, and if two or more have same azimuth and same frequency, list them in order by alphabetical sequencing their call letters. This method can be used as a submethod or subroute to the Zone or Equal Area methods. Too, if you wish to break the territory into larger angular wedges as subdivisions, you have the PIE method.

PINWHEEL METHOD: Freehand or accurately draw a pinwheel on the map starting at your RX. A spiral, or "spinning" square, or any other figure having this spiral property can be drawn and used to divide the territory. Then starting again at your RX, list all stations as you move outward into the territory following the path determined by the pinwheel. If you don't make the spacing between adjacent turns of the pinwheel too far apart, then you're not likely to have the list problem of two stations in sequence with the same or near frequency of operation.

FREQUENCY METHOD: When you make your first list of territory stations, it will almost likely be given by frequency say starting at 540 or so and ending with 1600. So, TARGET and Log them as listed.

LRC METHOD: List stations by Local (L) channels in increasing order of frequency and similarly for Regional (R) channels and Clear (C) channels. Ordering on same frequencies can be by one of the submethods listed above. Targets follow the sequential listing with one L one R and one C as a target triplet for example. LRC can be used as a submethod to others above.

There are numerous other methods that can be conceived. One final one will be described. It is a modified version of the frequency method which shall be called

DIAL METHOD: The target stations are evenly distributed across the BCB dial. For the sake of illustration suppose the frequency list appeared as below (fictitious calls) listed under each frequency according to increasing distance from the RX.

| | | | |
|------|------|------|------|
| 540 | 550 | 1590 | 1600 |
| HXXB | KIMO | WLBW | KTOC |
| WJBR | KGGG | WLOT | KRIN |
| MABX | ... | WTL | KKS |
| | | WONS | ... |
| | | WMA | ... |

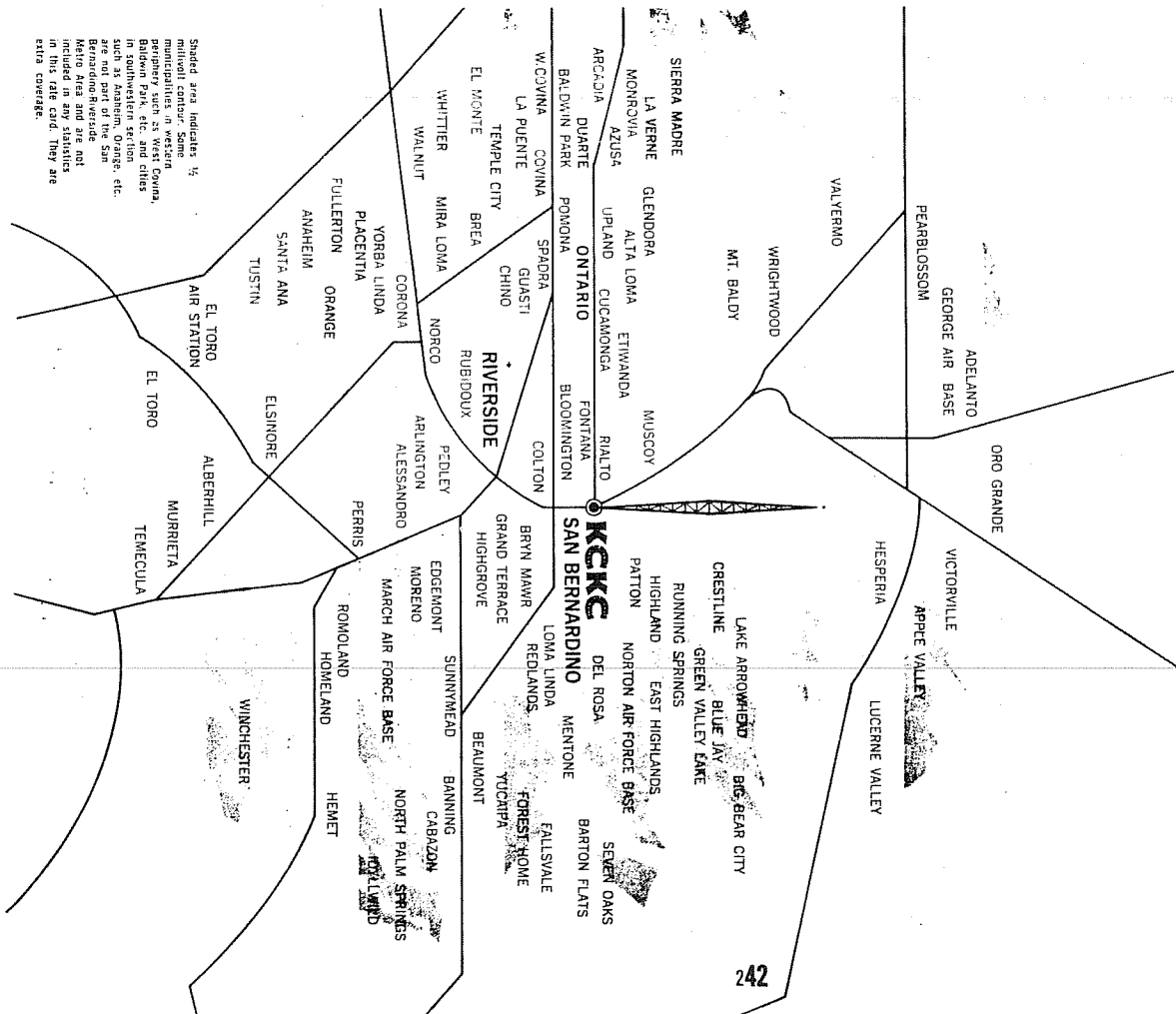
Then, the first set of targets consists of the first row of calls, namely: 540HXXB, 550KIMO, ..., 1590WLBW and 1600KTOC. When all these calls are logged, the next row becomes the list of target stations: 540 WJBR, 550KGGG, ..., 1590WLOT and 1600 KRIN. The

third list would not have any station at 550 since only two such stations are listed on that frequency for the entire territory. The Dial method thus contains a greater number of frequencies at the start of each row or run of targets and so allows a better sampling of the entire BCB. No fair starting on next row until present row is completely logged.

It should be obvious that ANY station logged while after a target station certainly counts in the log of BCB DX!

One final observation: Most of any territory stations will be in the daytime classification and so territory BCB at night would leave many target stations silent and your back to the BCB roulette scheme. The obvious solution is to make a night territory list as well and sufficient time after sunset and before sunrise, use the night list--same territory however. In any case, try geometrical-territory BCB, the results will be rewarding and the challenge tremendous! All I can wish you is the best of luck -- you'll need it!

-- de Ghoti



Shaded area indicates 1/2 million center. Same in perimeter such as West Coast, Baldwin Park, etc. and cities in southwestern section such as Lancaster, Orange, etc. Bernardino-Riverside area not included in any statistics in this rate card. They are extra coverage.

January 18, 1975

-- de Choti, Ph.Dr

As a sequel to the SUPER SIGNAL SNATCHER which appeared in both DYN and DXM, this writing, as stated, partially describes Project NEBE (NEBRASKA BEVERAGE) which began in October 1972. Described here are the method of construction, the antenna location; a subsequent writing will give the basic performance of NEBE and a description of the receptions on the ECB.

Project NEBE participants: Carl "Skip" Dabelstein, K0SBV, Lincoln, NE (NRC, IIRCA); Bertie C. Maholan, exK4WV, Mahoo, NE (IRCA); Bob Mitchell of Back to the Bible Broadcasts, Lincoln, NE and de Choti. We regret very much that "Mac" died of cancer in late 1973. His fundamental grasp of things abstract was indeed out of the ordinary!

The first antenna was erected in about two hours time and was 3200 feet in length, about 5 feet above the ground and located on an envious square mile of land given over to the Project by the University of Nebraska at its Field Laboratories about 7 miles southeast of Mahoo.

As pointed out by GEN in THE ECB DXer's BEVERAGE in DYN and also in the Super Signal Snatcher, a Beverage operates with improved efficiency as the conductivity of the ground over which it is located becomes increasingly lower (poorer) but also that a good ground is required to terminate or ground the ends of the antenna and receiver system. So, one works against the other: High conductivity allows an easier good ground but the antenna pickup is reduced and conversely so for low or poorly conducting soils of the earth. The conductivity at the NEBE site is about the highest (best) in the USA. As a guide to the type of soil across the USA, refer to GEN's article above where the FCC Conductivity map of the region can be found.

Other than the conductivity dilemma, which exists at any location in general, the NEBE site is as ideal or envious as one could desire. A ECB shack including operating tables and power is located on the site--out in the middle of nowhere there's a ECB shack beautifully positioned for ECB Beverage work! Furthermore, the land lays very flat for tens of miles around and the largest elevation differential at the site is on the order of 7 feet. We realize that few will have it so lucky!

The following materials were obtained or prepared prior to the construction of the antenna:

- 1) a sufficient number of 1"x6"x6" stock lumber cut into 3/4"x3/4"x6" stakes to allow about 50-60 foot spans of wire along the antenna run;
- 2) four 1 lb spools of 24 gauge plain enamel copper wire (about \$15 at that time);
- 3) a hammer and a few nails;
- 4) a 560 ohm carbon resistor (suggest a 1000 ohm carbon potentiometer);
- 5) a box of small U-tacks;
- 6) a roll of rubber based insulating electrical tape;
- 7) a propane torch and rosin solder;
- 8) a 50 foot tape measure;
- 9) several copper ground rods (1/2" x 8');
- 10) twenty foot or so of cloth clothesline rope and a number of cloth ribbons;
- 11) a magnetic compass;
- 12) a geographical topography map of the site; and
- 13) a 7 foot by 1.75 inch round steel rod (wrecking bar) with a pencil pointed end.

We recognize that the last item may be hard to find! But there are substitutes as mentioned below. It was merely fortitious that one was on hand.

The azimuth bearing of NEBE was chosen to be 120°/300° (roughly SE/NW) with the 300° azimuth for use in the unidirectional Beverage mode.

True North was determined from the ECB shack housing the RX and the tape recorders by use of the topographical map and then crudely checked with the magnetic compass. Once this N/S line had been determined, the tape measure was used to determine a

point 600 feet due North of the RX shack. (600' was merely convenient--any distance of that order is fine). Then from that Northern point, with the compass again and the topographical map an E/W baseline was determined. Then by some trivial trigonometry, a point was located along the E/W line by measuring off with the tape measure. The point so determined lay on the 300° azimuth line from the ECB shack. The point and the shack then determined the line of construction for the antenna.

Now the antenna erection began. Always siting along the reference points marking the azimuth line of the antenna, the wrecking bar was used to punch 5" to 6" deep holes in the ground, the holes being separated about 50-60 feet apart. While one person did this, another followed placing a wooden stake (3/4 x 3/4 x 6') in each hole. No effort was made to cause the stakes to stand vertically before the wire was attached. When the wire is attached, the wire catenary causes the stakes to come vertical and align with excellent form!! Following close behind the staking operation, two of us attached the wire to the top of each stake as follows --in a very simple manner. A short piece of the rubber based electrical tape was cut and folded flat over the stake top, then a U-tack was hammered into the stake with the antenna wire passing thru the U-tack and over the rubber electrical tape. No U-tack was nailed completely down or into the top of the stake, thus allowing the wire to slide across the top of the stake as required. When an end of a spool of wire was reached, the torch was used to solder a "Western Electric" splice to the beginning of a new reel of wire. Note, if the wire has plastic insulation on it, the rubber based electrical tape is not necessary.

When the 3200' point was reached, the end of the antenna was wrapped (to prevent slippage) about a nail driven into the top of the last stake with about 10 feet of wire left over to allow the end to be soldered to the resistor which would then be soldered to wire connecting to the ground rods in the ground near the last stake. (NEBE was first operated in the bidirectional, unidirectional mode). Rope was used to guy the last stake to smaller stakes driven in the ground around to keep this stake from breaking due to the torque from the antenna wire. The same guying was used on the first stake at the start of the antenna next to the ECB shack. The arc or catenary formed by the wire as it spanned from stake to stake was determined by merely pulling the wire forward from span to span as it was being installed. Common sense determined the tension of each pull--perhaps the wire sagged a foot at the most in the middle of a span.

After being up for a few days, the copper wire stretched (as expected) and the wire had to be respaced. About 70 foot of wire was pulled out at the end stake as a result of stretching (that's about 2% of 3200'). Thereafter very little increase in sagging between stakes was noted even though cloth ribbons were attached at each mid span to alert any trespassers of its existence--hoping they would then not walk into it or through it.

After the extra wire due to stretch was pulled from one end of the antenna, and a few hours of operation in the bidirectional mode, the resistor was connected on the NW (300°) end by soldering it in series with the end of the antenna and the ground rods. The propane torch was used and is necessary to solder the wire to the heavy metal rods--we chose not to use a mechanical "ortmp" connection. That's all it took to erect NEBE!

Later on, about late November 1972, the antenna was moved some 10° to the North, 310° and instead of placing the stakes in the ground, they were mounted on the strapped atop every other metal fence post of a wire fence running almost the length of the antenna. (We discovered that cattle broke into the area and that they do not mix well with Beverage antennas!). The antenna was now some 7 to 8 feet above the ground. This was NEBE 1A. The results of NEBE 1 and 1A were affected by the fence but the receptions were still so phenomenal or out of the ordinary that the effect was of little concern to us--if noticed at all.

The antenna was used on quite a number of occasions for many hours--MM on a Beverage is something else!!! Ice accumulated on the antenna once or twice and we had to resplice it and repair it and were back in operation. Use of larger diameter wire would have prevented this problem however. The way the antenna was constructed, once the wire broke, the tension was sufficiently relieved that only one break was found.

About the wrecking bar. It can be replaced by a 1" diameter piece of pipe which can be driven in the ground with a sledgehammer or some such klodhopper. Removal of the pipe isn't easy--suggest a hole be drilled thru the side of the pipe and a heavy wire or cable be attached, then pull for retrieval.

Note that not every procedure mentioned here need be followed in the construction of other Beverage antennas and not all items listed in the materials list absolutely necessary. Too, other structures are conceivable for a Beverage, the method used in this case seemed most appropriate for the location and the ease of installation.

Finally, a few comments on grounding and terminations. A good ground is absolutely essential for proper termination of a Beverage, but obtaining and maintaining such is like holding a tiger by the tail. Multiple ground rods well spaced and well connected are a good start. What appears to the eye as a sufficient ground system is not necessarily so!!! A copper method than ground rods is to use coffee tins punched full of holes, bare copper wire then threaded thru the holes thus running both around the outside and thru the inside of the cans and soldered at every point the wire passes thru a hole. A multitude of such cans wired together is then buried about the earth in the vicinity of the end of the antenna. Other such objects to which electrical connection can be made prior to burial are car radiators, tanks, pipes, metal sheeting (ideally), and so forth. Once you've got what is believed to be a good ground, a single good sized wire will run from the ground system to the point of connection with the terminating resistor for the Beverage.

Regardless of the ground you obtain, the termination in most cases will "float" and it will be quickly discovered that the termination is not ideal. A Beverage must be pruned or tuned with some method of varying the termination over a range of resistance (simplest case) while monitoring at the RX. For a Beverage like the 3200' NBBE, this can be quite a feat. Communication between antenna ends is not easy to come by. Some have used walkie-talkies or even a separate "talk" wire. Use of the beverage for such communication is not correct when the RX is being used simultaneously however.

Such tuning presupposes a variable potentiometer (resistor) for the termination. The simplest method of tuning is to have some one or someone of tuning the termination while the receiver is monitored. The RX is tuned to a station off the backside of the antenna (RX end) and the resistor is varied until the best "null" is obtained on the backside station. Once such a setting is obtained, it will be discovered that it is also frequency dependent and that off on another frequency the setting will be different. Too, the ground, electrolysis, etc., will cause the termination to change and resetting is required with respect to time because ground conditions have changed. Treating the ground with salt, etc., may help obtain a somewhat improved LOCAL ground, but its change with time will likely be more pronounced. A tiger by the tail.

GN has written a beautiful paper titled "On the Goodness of Beverage Terminations", as I recall, that covers the techniques extremely well and based on adroit theory as well as practical verification. This paper remains to my knowledge as unpublished correspondence.

The Beverage antenna is indeed a phenomenal BCB antenna. It's employment in more serious technical endeavors in BCB work is extremely justified. For one, daytime DX! Those of you who have made some long haul day time receptions in the 1000-1330 local time period by the mechanism of partial D-region reflections will understand my point. Who will be the first to log a daytime E-layer hop? That's a real challenge and a real cable objective. There's a lot of high noon DX work that can be found in the USA during the winter months.

To end, NBBE was surely a notable experience for all of us and more details of receptions made will follow in a writing to be authored by Skip Dabelstein. He has some interesting data to display as a result of our early morning and late night treks out to the NBBE project. We can only encourage others to erect such antennas but caution to take the time to install properly. The reward is certainly serendipity!

-de Ghozi

(Note: For those interested in a source for Beverage antenna wire, contact me!!!!)

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International Radio Club of America
12536 Araban Way, Poway, CA 92064



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