

DX MONITOR

THE OFFICIAL
PUBLICATION
OF THE



INTERNATIONAL
RADIO CLUB
OF AMERICA

DEVOTED EXCLUSIVELY TO BROADCAST BAND DXING

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No word on this week's EDXF. Hopefully, it will show up in time for next week's issue.	

Odds and Ends

Don't forget the third annual Ray Briem/ABC Talkradio "DX Special", which will take place the morning of Saturday, January 9, 1987, beginning at 0806 UTC, 0306 EST, 0006 PST, or whatever the equivalent is in your time zone. A lot of famous DX types will be guests, including Stewart Mackenzie, Steve Miller (of Radio West), George Jacobs, Bob Grove, Tom Kneitel, Dr. Bruce Elving, and others. The phone number is 1-213-879-8255; it's a toll call for most of us, just let it ring until someone answers. Check the Talkradio listing in the IRCA Almanac for affiliates. The major ones include WABC-770, WSB-750, WIOD-610, WTKN-970, KSTP-1500, WJBO-1150, KOA-850, KABC-790, KTAR-620, KXL-750, KENI-550, KOH-630, and KGU-760.

We still have a few International Reply Coupons for sale to whoever wants them. The price is 60¢ each plus a SASE to IRCA, PO Box 21074, Seattle, WA 98111.

The current schedule for "World of Radio" is: Thursday 1115 EST on 15420, Thursday 2030 on 7355, Friday 2300 on 6185, and Saturday 1930 on 7355, all via WRNO New Orleans. Also on Radio For Peace International in Costa Rica on 7375 Fridays at 2005, and perhaps Tuesday around 2200 (all times EST). World of Radio is aimed mainly at SWLs, but often includes interesting information on BOB DX, including last minute DX tips. Thanks to WoR host Glenn Hauser for the information.

The ANARC Computer bulletin board is moving. It will go off line on January 1, 1988 and at the very worst will return February 1, 1988. Hopefully it won't be that long. The new number will be 1-509-534-6866. With a few minor additions, the bulletin board will remain the same after the move.

Thanks to everyone who reported to DX Monitor in 1988. We had another great year of material, with good coverage for all regions, areas of interests, and levels of expertise. Keep it up!

El Paso's Top Spanish Station!

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1000½ E.Yandell

El Paso, Texas

President's Report



Karl J. Zuk, 154 Old Post Road North, Croton-on-Hudson, NY 10520-1932

Here's what's news! The 1988 IRCA convention will be in Louisville, KY on Columbus Day weekend, and your host will be that star of stage screen and radio, Ted Fleischaker. He has planned a multitude of events for that weekend. Details will be in upcoming issues of DX Monitor, so stay tuned! The members of The Board and I are working on keeping the annual dues at the same rate without altering the quality and/or quantity of the DX Monitors you receive. Here are our current ideas, maybe you can think of more and let me know! We are looking into sending the DXMs by using the new Zip+4 zip codes (adding those four new numbers that make sorting easier for the P.O.) When you use this system for bulk mailing it saves money. We will be putting small ads into Popular Communications and The Monitoring Times for a couple of months to see how effective it will be in bringing in new members. We are also toying with the idea of advertising in other publications like the AARP newsletter and Popular Mechanics. Ideas anyone? Another idea was to take advantage of those community bulletin boards you see on unused cable TV channels. I put an ad on my local access TV channel's announcements and have already gotten some action on it. If you are a cable subscriber, please take the time to place a free announcement on one of these channels to bring in new members. It couldn't hurt and it would help the club for free! I currently host a weekly public access show on my village's access channel, and I will be doing a show, on a Monday night, soon on ACB DX. If you are willing to be a guest, and can find your way to the area just north of New York City, let me know and I'll arrange for you to be a TV star (of sorts). If you have any other ideas about getting new members or raising money for the club, please write me at the above address! Would you favor limited advertising in DXM? Would you like to see an auction of equipment, souvenirs, T-shirts or whatever to raise money, through donations of members? Also, for the 25th anniversary issue, could you please suggest, or volunteer yourself, to write an article about "the good old days" for that issue? Finally, the results of the election of the chairman of The Board of Elections will be announced soon. If you have any other comments or suggestions please write! Thank you to all who have already written! Merry Christmas, Happy New Year, and best of DX to all!

Karl

A DXer's TECHNICAL GUIDE

Now in its 2nd edition, this 120-page book answers questions on how receivers work, how to make them work better, what audio filters and loop antennas will do for you, how to build a beverage and phasing unit, and much more. Only \$5.50 for members, \$6.50 for nonmembers (\$2.00 extra for overseas airmail). Write IRCA, P.O. Box 21074, Seattle, WA 98111.

EASTERN DX ROUNDUP

Editor: Tim Kridel; Box 147; Middle Island, NY; 11953 Deadline: Fridays

This week's indubitable duo...

- (KVJ-GA) Karl V. Jeter; 2115 Scarbrough Road; Stone Mountain, GA; 30088
HQ-150, assorted beverages
- (WPT-DC) William P. Townshend; 4500 Connecticut Ave.; Washington, DC; 20008
Realistic Portavision-40 (12-648), Realistic TRF (12-650)
- (WPT-1) William P. Townshend, DXing on Geo Washington Univ campus
- (WPT-2) William P. Townshend, DXing at Mazza Galerie Mall
-
- 570 WSYR NY, Syracuse 12-7 0029 Fair w/ wx report for central NY. ID by man.
(WPT-DC)
- 610 CHNC PQ, New Carlisle 12-7 0013 Fair o/u WIP, w/ FF talk by man. Tentative.
(WPT-DC)
- 640 KTIB LA, Thibodaux 12-6 0758 End of AP Network program, into LA tourism
promo. AP nx @ 0800, lost to UNID strong signal. (KVJ-GA)
- 880 KIKR TX, Conroe 12-10 Local-like signal, no sign of WCBS, w/ ABC Hx Brief.
Sports, Sears ad. (KVJ-GA)
- 970 WJMX SC, Florence 12-3 1710 Good w/ WWRC splash w/ nx by YL w/ ment of
SC and Thurmond. (WPT-DC)
- 1040 KAIN LA, Vidalia 12-5 1930 Way o/ WHO, w/ s/off by YL. Ment of license to
Vidalia, but facilities in Natchez, MS. Uses "K-10" slogan. (KVJ-GA)
- 1060 KHYM TX, Gilmer 12-5 1815 S/off w/ ment of microwave relay and Christian
format. "You've been listening to the radio ministry of KHYM." (KVJ)
- 1060 WFLE KY, Flemingsburg 12-5 1838 KY vs. IA basketball game, KY season
ticket offer. (KVJ-GA)
- 1070 WAPI AL, Birmingham 12-8 1744 Good w/ spots for drugstore and optician.
(WPT-1)
- 1210 WDAO OH, Dayton 12-6 0719 Snuck in w/ "Sunday Morning Gospel" before WDR
blasted them out. (KVJ-GA)
- 1280 CJMS PQ, Montrege 12-8 1720 Excel w/ talk by man, YL in FF. (WPT-1)
- 1360 WMFC AL, Monroeville 11-30 1807 State, local nx w/ YL. Spot for Bailey
Bros. women's clothing. (KVJ-GA)
- 1390 KJFW MO, Waynesville 11-30 1745 Briefly w/ "Great Pumpkin Contest." Guess
weight of pumpkin, win prize. (KVJ-GA)
- 1400 WJLD AL, Fairfield 11-30 1754 Promo for United Negro College Fund. Nx and
Birmingham traffic report. (KVJ-GA)
- 1420 CJMT PQ, Chicoutimi 12-7 1717 Fair/good w/ FF talk by man. (WPT-DC)
- 1480 CKAN ON, Newmarket 11-30 1720 Fair w/ wx, ment of Newmarket. (WPT-1)
- 1480 WCNN GA, Atlanta 11-25 1748 Good w/ sports. Ment of New Alexandria.
Ex- WYZE. (WPT-1)
- 1500 KCLF LA, New Roads 11-30 1926 QRM from WTOP and WSB harmonic. "Gold Rush"
satellite oldies format. (KVJ-GA)
- 1560 WCNW OH, Fairfield 12-2 1628 Excel w/ spot for Heaven's Cupboard during
gospel program. (WPT-2)
- 1590 WUSJ TN, Jonesboro 12-8 1735 Good w/ nx, T40 mx, promo for high school
basketball game by YL. (WPT-1)
-

Got them post-Christmas blues? A healthy dose of DX is the best cure!
Happy New Year, and the best of DX in 1988! 73s de TK...



THE VOICE OF PONAPE WSZD RADIO

P. O. BOX 1086
KOLONIA, STATE OF PONAPE
FEDERATED STATES OF MICRONESIA 96941



WESTERN DX ROUNDUP

2301 PACIFIC AVE., ABERDEEN WA 98520

DEADLINES FOR TIPS: Tuesdays

REPORTERS FOR THIS ISSUE:

- (CM) Curtis McMenamin-2917 Georgia St.-Vallejo, CA 94591
GE Superadio, SM-2
- (SMM) Steve Mittman-2248 West 37th St.-San Pedro, CA 90732
Realistic TRF, 3' wedge; Kenwood KRC-939 AM stereo car radio
- (PT) Pete Taylor-Somewhere in San Francisco, CA

- *****
- 530 WNH296 CA, Los Angeles (LAX) This is the new call, ex-KRN934 & WY2301. (DXers are still reporting this as KRN934). Also, 2 stations here used to be 10 watts, now one is only 2 3/4 watts and the other is virtually inaudible here (estimate 1/10 watt). Legal IDs approx. every 15 minutes. "This is Air Radio--airport information radio for L.A.X.--WNH296, Los Angeles." (SMM-CA)
 - 540 KSHO CA, Hesperia it is RS (not tests, as reported earlier) to stereo simulcast their FM jazz station, KKGO-105.1, nightly 2000-1200 (5pm-9am ELT) on 1/2-second delay (using KKGO satellite feed). All IDs during simulcast are just "KKGO" except at :00 & :30, "America's jazz station--KKGO, Los Angeles and KSHO Hesperia." However, I have noted that sometimes the KSHO call is mistakenly NOT given across the top of the hour, so beware! (SMM-CA) (Other DXers have noted the IDs for KKGO only, hence the reports KSHO was testing.--NH)
 - *****
 - 540 KSHO CA, Hesperia 12/1 1949 have noted nightly, just before power cut that they give address & phone number, then sometimes add "From the Nevada border to the Pacific Ocean, this is KSHO-540." Then power cut. (SMM-CA)
 - 560 KLZ CO, Denver 11/27 0200 with KSFO nulled, "This is KLZ 56" into country music, coming in good. (CM-CA)
 - 620 KCLQ CA, Hanford Tu 11/24 1245-1302, 1502 ex-KNGS. Simulcasts FM "107.5 KCLQ." Legal IDs as: "Classic Rock--107.5 FM and 620 AM, KCLQ Hanford-Fresno." Fair here midday with KFI-640 slop somewhat nulled. (SMM-CA)
 - 700 *KMJY* WA, Newport 12/5 0100 coming in good with country music. "This is KMJY, Newport, testing," then sign off. (CM-CA)
 - 770 KRPM WA, Seattle 11/24 1900 heard nice "KRPM" ID coming in good, and country music. (CM-CA)
 - 990 CBW ME, Winnipeg 12/1 2200 "This is CBC Radio 990 in Winnipeg" into news. Coming in good. KKIS off air for ten minutes. (CM-CA)
 - 1070 KNY CA, Los Angeles 12/7 2100 now finally broadcasting true stereo with Dolphins vs. Jets football game. Interestingly, left & right channels were opposite from that of KFMB-760 San Diego: (SMM-CA)
 - 1240 KSAC CA, Sacramento 12/13 1400 noted w/"Sacramento's only 24 hour classic station." Heard on car radio in Corte Madera, CA. Sounds automated. Announcer sounds like he should be on AC or CHR outlet. (PT-CA)
 - 1290 KMEN CA, San Bernardino now simulcasts with its CHR FM, KGGI, during morning drivetime. All IDs are "99.1." At :55 IDs as "K-Men 129 AM and 99-1 FM," followed at :00 with legal ID: "99-1 is KGGI Riverside-San Bernardino-Ontario, and KMEN San Bernardino-Riverside...with more continuous music." (Note that "gg-I" looks like "99-1."). This per FM reception, as KMEN is almost impossible to hear at this location. (SMM-CA)

- 1290 KESP CA, Santa Barbara Tu 11/24 1850 ex-KXXN. Fair here midday with KFRN-1280 slop nulled, with Spanish programming and "Kah-Espanol" (K-Spanish) IDs. Legal ID in English: "This is KESP 1290 AM stereo in Santa Barbara." (SMM-CA)
- 1320 KCPX UT, Salt Lake City 12/1 0130 coming in good with "This is Power 99," then DJ gave KCPX AM-FM ID, rock music. KGNR totally off. (CM-CA)
- 1600 KMNY CA, Pomona now broadcasting in Kahn stereo. (SMM-CA)

UNID:

- 820 12/9 0400 coming in poor under WEAP/KGNW. Had loop in NW direction. Possibly KCBF but not sure. Heard with AdCon music. (CM-CA)

As I was taping together the column it seemed like something was missing. Then I realized, no report from Robert Wien! It must have gotten slowed down in the holiday mail. Maybe that is the reason for such few reporters this week??? ♡

CUBAN FREQUENCY ROSTER
WINTER 1988

Jim Hall/DXWW-E

Here are this season's current frequencies for the popularly heard Cuban Rebelde/Progreso/Reloj networks for checking // 's, etc. Please report any additional frequencies to the IRCA worldwide columns. Remember that Cuba tends to rearrange their frequency network every once in awhile; please report any such changes so we can maintain a complete listing. Also keep in mind that many outlets are allowed to drift off-frequency on occasion, very likely to QRM US stations.

<u>RADIO REBELDE</u>	<u>RADIO PROGRESO #</u>	<u>RADIO RELOJ</u>
5025	640	590
550	660	700
580	680	760
590	690	790
600	740	910
610	800	920
620	810	930
640	820	940
650	870	950
670	880	960
680	900	980 (still on?)
710	920	1180v \$
720 (still on?)		1270

NOTES:

Additionally, Radio Progreso programs can occasionally be heard on CMBM-860 (R. Metropolitana - La Habana) during the early morning hours. I assume this is for filler. Similarly, it has been noted in the past that virtually any Cuban net program can often be substituted on any Cuban frequency, so don't be suprised to find a different net program on unlisted frequencies on occasion. (Note that some frequencies already have more than one net outlet in operation, i.e. 590 now has Reloj & Rebelde transmitters, 640 with Progreso & Rebelde, 680 with Rebelde & Progreso, 910 with Reloj & Cadena Agramonte, 920 with Progreso & Reloj, etc.).

\$ The 1180 Reloj outlet is most often found on 1179.5a with hetting on 1180 (R. Marti).

Anyone know of any Cubans from these nets still using 730, or other frequencies? A couple years ago I recall Gerry Thomas-FL reporting a Progreso Cuban on 890 - is this still on? Every outlet listed above has actually been heard here in Pittsburgh and by numerous other US/Canadian DXers --- so look for them DXers!

DX WORLDWIDE EAST

EDITOR: JIM HALL #240 BYRON ROAD #PITTSBURGH
PENNSYLVANIA 15237, U.S.A.

George Hakiel has an excellent report for us this week - note the early arrival times on some of the TA loggings. Also, George has a logging of Honduras-1335, which confirms their presence on the frequency (& my tentative of last issue). A few notes regarding recent DXW-E's : Re recent reports of Monaco-1467 after 0500 or so, I've done some checking through back issues and have determined that this must be the Radio Monte Carlo service (not the TWR relay @this time). Furthermore, I assume the 1466 daytime frequency is no longer in use (at least at this time). After 0530 I've heard them in FF, and haven't heard any "TWR" ID's. Anyone know more about this? Also, re my possible TA (likely African) on 1367 (11/28/87 DXM, Vol. 25 #10), I found some old loggings by Kaz of Angola there. Additionally, I also found a mention of Angola 1367 operating //944 (RNA). I presume I had the Angolan, although a few years back Kaz had also reported Senegal on 1367 (& stronger than the Angolan, too). I also even found a mention of Morocco using 1367. Can someone confirm any of these still using this non-standard frequency? Now on to reports, but not before wishing IRCA & all of you a Happy New Year...may 1988 bring you the best. Times are UTC:

TRANS - ATLANTIC DX (Hakiel-NY)

- 693 ENGLAND, Droitwich 0124 12/5 : Fr/gd w/US pop oldies, EE talk.
765 SWITZERLAND, Sottens 0600 12/7 : FF talk - Prog. 1 - R.S.R. La Premiere ID. Gd.
828 BULGARIA, Sumen 0513 12/10 : Fr w/pleasant instrumx, Slav talk. (Nice logging, George, as well as the others! ed)
864 EGYPT, Santah 0205 11/11 : Poor w/AA chants.
927 BELGIUM, Wolverton 2220 12/9 : Good w/DD talk by m - US oldies pops.
936 WEST GERMANY, Bremen 2225 12/9 : Fair w/vocal by Dean Martin - GG talk.

- 1017 TURKEY, Istanbul 2044 12/9 : Poor w/Turk mx - Turk talk by man.
1053 ENGLAND, Droitwich 0605 12/7 : Gd w/pop mx, EF talk. //1089.
1062 DENMARK, Kalundborg 2325 12/7 : Xint w/pop mx, Danish talk.
1089 ENGLAND, Brookman's Park 0534 12/7 : Gd w/wx forecast, time announcement.
1107 EGYPT, Batra 0306 11/11 : Poor w/AA chants & talk.
1125 YUGOSLAVIA, Tovarnik 2356 12/8 : Good w/US pop mx, Slav talk //1134.
1179 SWEDEN, Solvesborg 2234 12/8 : Gd w/Swede talk by man.
1215 ENGLAND, sychros. 2213 12/8 : Fair w/man in EE talk. (An hour later that eve Albania was dominant here. I couldn't pull out England, though. See my TA logs of two columns ago. ed)

- 1332 ITALY, Rome 2221 12/9 : Fr w/Italian talk by man.
1355 unID, 0615 12/14 : AA chants, AA talk, fair. All I've ever heard previously was a het - finally has audio, now I have to ID it. Any ideas? (Yes, I did some rooting through reference materials and found the following: Peter V. Taylor's DXWII had a 1984 mention of a Clandestine "R. Nacional de Republica de Sahara Democratica" operating on 1358 (but announcing 576), located in Bechar, Algeria. That's SS of course, and not the same frequency, but a later report mentioned a "Polisario Front's Radio of the Arabic & Democratic Saharan Republic" that was heard in the Soloman Islands (?) on 1350 w/AA til 2100, then SS. It was mentioned that it had previously been heard on 1355-1358v. One of Pete's later columns in 1985 had the 1355 listing under Algeria (not u/TA Clandestine this time). Details were "Polisario pgms. on 1355 kHz in AA & SS, w/SS nx 2130-2145". A later report also under Algeria was as follows: "The Nat'l Radio of the Saharan Arab Democratic Republic on 1355/1356v is still on 1858-2158 (AA & vernaculars til 2058, then SS til s/off). Programs probably come from the RTA's Algiers studios; DF observations would put the xmtr near Tindouf" (That was correct. ed). I don't know what it was you had George, but maybe this will help - if it was heard in the Soloman Is. it must have that "high getoutability factor" we've heard of. ed)
1386 USSR, Kaliningrad 2116 12/8 : Fair-good w/EE talk about armaments in Europe.
1512 BELGIUM, Wolverton 2052 12/8 : Fair w/FF talk by woman.
1566 TUNISIA, Sfax 2137 11/16 : Gd, exotic AA mx w/vocals, AA talk. This station comes in some afternoons as early as 3pm local time with good audio. (One of the advantages to coastal DXing, of course! ed)

PAN - AMERICANA DX

- 578.0 VENEZUELA, Villa de Cura 0241 12/18 : Obvious problems here -- YVLX again adrift (reference 11/14/87 DXM Vol 25 #8). Noted again next eve 0354 w/"Rumbos" ID's, SS man w/nx, Rumbos doorbells. Later that week not heard, frequency probably corrected. Was //670/9660.2 (Note that both SW's were off-freq. too this season) (Hall-PIT)

- 765 t HAITI, Les Cayes 4VU 0611 12/20 : Must've been R. Lumiere w/carrier looping to Caribbean. TA's not in at all, and only present on LA wires, so likely not Swiss.
- 800 CUBA, Manzanillo (CMNB/CMDT) 0615 12/20 : Fair //Radio Progreso net with US & LA pop-type vocals. Mostly u/CKLW, mixing w/unID US C&W & another SSIA. Been after this one for a couple seasons -- FCC still lists 1kw here. (Hall-last 2)
- 914 t SURINAM, Nieuw Nickerie RANI 2347 12/20 : Carrier only but no doubt R. Nickerie here. A few seasons ago REW of HI reported them on 915 - that must've been a different station as I've only known them to use 914 for the last 5 or more years (unless they were drifting, which has not been heard or reported by any DXer). (Hall-PIT)
- 1000 *CUBA, San Cristobal CMAO 0100 11/29 : Fair w/SS talk, "R. Gauma" ID. (Hakiel-NY)
(Nice logging, George. FCC still says 500 watts on this one. ed)
- 1146 t HAITI, Port-au-Prince 0048 12/17 : Believe 4VAB R. Caraibes is still here, carrier-only. Often in LA cx & on LA wires. Can anyone confirm? (Hall-PIT)
- 1290 CUBA, Rancho Veloz 0043 12/17 : CME0 //840 w/Dobleve's pgm of popular Cuban SS vocals, briefly topping channel. (Hall-PIT)
- 1335 HONDURAS, San Pedro Sula HRHH 0121 11/25 : Poor w/"R. El Mundo" ID. (Hakiel-NY)

Some really outstanding TA's, George. Maybe Bill Harms or Richard Eckman can check the 1355 TA unID for you. Ron Trotto reports by phone that "a report is in the mail" -- well, it didn't arrive before this week's deadline (which was pushed up to Sat. due to the Christmas mail crunch), so look for it next week. A note from J.D. Stephens mentions plans for a new 500KW AM station (possibly on 1610 or 1620) to promote tourism. Signals will be beamed to East Coast NAM & the gov't is said to favor the plan. This is from the 12/87 issue of FRENDX which J.D. receives. J.D., you didn't mention the QTH but I think you're referring to the station planned for Bermuda, mentioned somewhere in DXM's pages a few issues ago. That's it from here. Again, 73's for the New Year!

CREDITS:

- (Hakiel-NY) George Hakiel, 739 Van Buren Avenue, West Islip, NY 11795
(RACAL 6790, ICOM R71A, Iw's loops, Phasing Unit)
- (Hall-PIT) Jim Hall, Editor, 240 Byron Road, Pittsburgh, PA 15237-4015
(ICOM R71A, Iw's, loops, Bev's, mini-Bev's, wedge, simple phaser)

SUMMARY OF UNREPORTED STATIONS

Through Volume 24 #34 dated August 8, 1987

Compiled by Don Kaskey, 654 35th Ave., San Francisco CA 94121

The following chart lists the total number of stations in the USA and Canada and the volume they were last reported as being heard in DX MONITOR.

<u>COUNTRY</u>	<u>V24</u>	<u>V23</u>	<u>V22</u>	<u>V21</u>	<u>V20</u>	<u>V19</u>	<u>V18</u>	<u>V17</u>	<u>V16</u>	<u>V15</u>	<u>V14</u>	<u>V13</u>	<u>V12</u>	<u>Prior</u>	<u>Total</u>
CANADA	240	30	27	14	9	12	13	8	10	4	5	0	2	44	-- 418
U.S.A.	2095	671	402	309	307	208	200	92	132	62	39	26	33	272	--4848
TOTAL	2335	701	429	323	316	220	213	100	142	66	44	26	35	316	--5266

New stations reported as having taken the air during the period covering Volume 24 #34:

- | | |
|----------------------|--------------|
| 580-KJMM-AZ | 750-WWAX-PA |
| 640-WHOF-FL | 1030-WNOW-NC |
| 640-WNNZ-MA (x-1570) | 1100-WGMM-GA |
| 660-WXIG-OH (x-1380) | 1210-CFYN-SK |
| 700-KTBT-TX | 1440-WRGM-OH |
| 720-WWII-PA | 1460-KCKX-OR |

Previously unreported stations noted by IRCA reporters in DX MONITOR since the last update (V25 # 2).....Covers V24 #34:

- CO---0 KJIM--760 (Harrington & Wilkins-CO)
 MA---1 WNNZ--640 (E. Cooper-MA)
 NC--22 WAGR-1340, WCBQ-1340 & WIZS-1450 (all by Chas Taylor-NC who wrote me that he received all of these stations in 3/87 from his home location. Thanks Chas. but how about sending future info to DXM?)
 PA---3 WWII--720 (Demmitt-PA & Parrish-VA)

OFF THE AIR STATIONS: 1140-WCLW-OH, 1250-WREN-KS, 1250-KGBU-OR, 1300-KBCN-AK, 1440-KRQZ-CO, 1450-KSKR-MT, 1480-KAAR-WA....

BACK ON THE AIR: 990-KTLE-UT, 1340-KCEM-NM, 1390-KHOB-NM, 1460-KARR-WA, 1490-KBSR-MT, 1510-WSSH-HA, 1550-KSVY-WA...

DX Worldwide - West



PAT MARTIN

P.O. BOX 843

SEASIDE, OR 97138

Time: UTC phone (503) 861-3185 DEADLINES: 1/5, 1/12, 1/19, 1/26.

I hope everyone had a Merry Christmas and I wish you all the best in 1988. Maybe 1988 will be a good year for DX. Lets hope so. This week we have reports from Doug Pifer, Nick Hall-Patch, and J.S. McDonald. By the way, in 11/14 DXWW-W I mentioned that NHP Tent. heard Mongolia on 882. That should have been a def. catch, not T. Sorry about that Nick. I do remember someone reporting it as a tent though. A great catch, Nick. On with reports:

TRANS-ATLANTIC DX ROUNDUP

- 1314 t NORWAY, Kvitsoy-0607 12/9 Strong het, then Pop mx by 0619 fair to good signals, First time for this season, Some other TAs hets on 1593, 1287, 1017, 1008, 963, 846, 747,675, 531. 1314 also noted 0350 12/10 w/Jazz piano, fair in splatter. (NHP-BC) (Good going Nick. I tried here and 1314 very weak but nothing else noted. Apparently by the time the signal got this far South it was alot weaker. Thx again for the call. PM)
- 1404 UNID, Het here 0626 12/9 Unusual in that I looped at about 85 degrees which points more to Guinea than to Northern Europe like the other hets. Nothing noted on 765 though. (NHP-BC)

PAN-AMERICAN DX ROUNDUP

- 650 UNID, 0900 12/15 SS many "65" SIDs also "musical tropical... posada...adalante..." plus Woody Woodpecker jingles. Listened for hours without an ID. Sounds like a regular but could not match anything in WRTH. (DP-CA) (Anyone else hear this?PM)

TRANS-PACIFIC DX ROUNDUP

- 531 AUSTRALIA, Kempsey-2MC-vy good o/u JJ with pop mx and many Mid Coast IDs, 2MC mentioned plus a string of spots for Lumber Yard, Variety store, etc. Best heard in a while, at 0915 on 12/22. (PM-OR)
- 540 JAPAN, NHK here with usual JJ talk at 0923 12/22. Probably the 5KWR listed. (PM-OR)
- 666 U.S.S.R., Komsomolsk-na-Amure, 1520 12/9 Poor to fair w/upbeat Inst. mx //4485 (NHP-BC)
- 729 JAPAN, Nagoya-JOCK 1456 11/29 Poor to fair w/man taling in JJ Mx box s/off at 1502 CKLG nulled. (NHP-BC)
- 747 JAPAN, Sapporo-JOIB 1454 11/29 Excellent w/man in BR accent EE //7774 and 828. EE lessons? Stronger than 750 domestics(NHP) +Also noted 11/29 1429 NHK2 w/woman in JJ into 30 minute EE broadcast on Radio Astronomy and discovery of pulsars //774 //828 //873. Termondous signal this AM (JSM-BC)
- 774 JAPAN, Akita-JOUB 11/29 1429 NHK2 w/EE discussions of Radio Astronomy as above //747, 828, and //873 (JSM-BC)
- 783 U.S.S.R., Spassk-Dalniy, 1540 12/14 Poor signal w/inst mx //5015 (NHP-BC)
- 828 JAPAN, Osaka-JOBB 11/29 1429 NHK2 w/EE talk as above. (JSM-BC)
- 837 JAPAN, Niigata-JOJK 1451 11/29 Fair to good w/orch mx then JJ Talk //30BK-666 (NHP-BC)
- 873 JAPAN, Kumamoto-JOGB 11/29 at 1429, same as above. (JSM-BC)
- 972 SOUTH KOREA, Tangjin HLCA 1520 11/29 Vy good w/man in KK //6015 Stronger than 970 domestics. (NHP-BC)
- 1008 t JAPAN, Osaka-JONR 1522 11/29 Fair w/woman speaking quickly, seemed like JJ (NHP-BC)

TRANS-PACIFIC DX ROUNDUP CONTINUED

1053 SOUTH KOREA, jammer hrd here with weird whispering 1524 11/29 usually this is hrd only on coastal beverages. Incidentally according to Glenn Hauser (via/Radio Canada International) the BBC monitoring Service says that the North Korean "Voice of National Salvation" which is on 1053 KHZ and is jammed by South Korea broadcasts also on SW at 4450, 4557, 4120, and 3480 for // DXers. All except 3480 have been hrd here and 4120 has the same jamming as 1053 has. (NHP-BC)

1287 t JAPAN, Sapporo-30HR 11/29 Fair w/JJ talk by man slow mx then woman talking. (NHP-BC)

THANKS TO THESE REPORTERS:

JSM-BC STEVE McDONALD-3319 Glasgow Street-Port Coquitlam, B.C. V2B 4K8
ICF-2010 and RW Loop(Thx for the report when you can.PM)

NHP-BC NICK HALL-PATCH-1538 Amphion Way-Victoria, B.C. V8R 4Z6
Homebrew rx, ICF-2010, RACAL 237, SPR-4, 3 foot Box loop, Shortwire

DP-CA DOUG PIFER-4786 Macadamia Court-Oceanside, Ca. 92056
FRG-7000 and MW Loop.

PM-OR YER EDITOR
SP-600JX, 200 foot NE/SW terminated LW, 1500 ft East Bev.

radio programming notes

Editor: Geov Parrish, Box 16353, Alexandria VA 22302
Deadlines: 1/16, 2/13, 3/12, etc.

call KHz state/city

WEL0 580 MS TUPELO was WWPR, black, now back to old calls and country
WMAQ 670 IL CHICAGO was talk, country overnights, to be all news (has been purchased by Group W Broadcasting, which also operates WINS-1010-NY, KFWB-980-CA, KYW-1060-PA, etc.)

KSEO 750 OK DURANT was CHR/ad. con., now SMN rock oldies
WDUX 800 WI WAUPACA was AC // FM 92.7, now country again
KRIA 930 TX TERRELL HILLS was KRNN, news-talk, now satellite Spanish from Radio Centro (XEOR-1030 etc.) Mexico City - the 1st U. S. station programmed by satellite from abroad? "Radio Alegria" for San Antonio

KKSA 1030 CA FOLSOM was KIOQ, silent, now adult standards
WYFX 1040 FL BOYNTON BEACH this station was not off the air as recently reported; remains black, "Foxy 1040"

KNXX 1050 NM LOS RANCHOS DE ALBUQUERQUE new, on the air 11/26, adult standards (note the calls - they were going to be all news, until they figured out how much that would cost!)

WCBR 1110 KY RICHMOND was country/variety, now satellite AC // FM 101.7
KMVL 1220 TX MADISONVILLE new, it's a country
KNRY 1240 CA MONTEREY was rock oldies, now news-talk (Wien-CA)
KRDO 1240 CO COLORADO SPRINGS was adult contemporary, now rock oldies
KQMD 1250 CA MADERA was adult contemporary, now CHR
KIMB 1260 NE KIMBALL was adult contemporary, now country
WHDZ 1260 PA ERIE was WLKK AC // FM, now SMN rock oldies ("Happy Days"?)
WSQV 1280 PA BERWICK was WBRX, talk, now rock oldies
KHSL 1290 CA CHICO was country, now news-talk
KAPY 1290 WA PORT ANGELES was country, now CHR/rock oldies (Sys-BC)
CJBK 1290 ON LONDON was CHR, now adult contemporary "Light Rock"
WVLY 1320 MS WATER VALLEY was country, to be religious upon sale
WSSY 1330 IL EVANSTON was WEAW, religious, now adult contemporary
KRCV 1340 NV RENO was KBET, ad stds, now religious "Reno's Christian Vx"
KWWW 1340 WA WENATCHEE was SMN adult contemporary, now SMN CHR
KRKK 1360 WY ROCK SPRINGS was country, now satellite rock oldies
WIZO 1380 TN FRANKLIN was country, now rock oldies
KMDK 1390 CO WESTMINSTER was KPPL, silent, now Spanish to Denver
WZAZ 1400 FL JACKSONVILLE was black, to be religious upon sale
KSRR 1400 UT PROVO was KXYC, religious, remains religious
KMIY 1430 CO GRAND JUNCTION new, will be religious
WXAM 1430 KY BUFFALO was WLCB, country, now adult contemporary
WWGT 1440 ME WESTBROOK was news-talk, now CHR "G-98" // FM 97.9
WDNG 1450 AL ANNISTON was adult contemporary, now rock oldies

WFG 1450 NJ ATLANTIC CITY was WIIN, rock oldies, now oldies/ad. stds
 (the station is still contracted to their syndicated
 oldies format - so they're going to use only the 50's
 do-wop songs and mix it with older big band material!))
 KENM 1450 NM PORTALES was country, now silent
 KNET 1450 TX PALESTINE flip-flop-flipped, back to these calls & oldies
 (had taken the FM calls KYYK and country for a while)
 WOKO 1460 NY ALBANY was WWCN, silent, now Transtar rock oldies
 WPRW 1460 VA MANASSAS was AC/CHR, now country, they kept the same
 airstaff & liners & it sounds awful!
 KLMS 1480 NE LINCOLN was CHR/oldies, now new age (the plague spreads...)
 WAKE 1500 IN VALPARAISO was talk, now automated album rock
 KAGC 1510 TX BRYAN was AC/adult standards, now religious
 KLNG 1560 IA COUNCIL BLUFFS was CHR/black to Omaha, now silent, dark,
 off, dead, deceased, kablooeey, this...is an EX-station
 (so much for our obligatory Python line of the month!))
 KWYD 1580 CO COLORADO SPRS was KPIK, religious, now silent pending sale
 WMRE 1580 TN KNOXVILLE was WSKT, religious, now SMN black oldies
 WIZD 1590 AL ATHORE was WSKR, country, now ad. con. // FM 104.1
 KRXY 1600 CO LAKEWOOD was KMVP, sports talk/CHR, now all CHR // FM 107.5

* * * NEW FEATURE * * * DIAL CARD * * *

Sort of like IRCA's old "Spotlight" series, only a lot shorter - the idea here is to list formats for stations in a given area (city, part of a state, whatever). As an example, here's the Washington, DC area dial card (not including Annapolis or Baltimore areas):

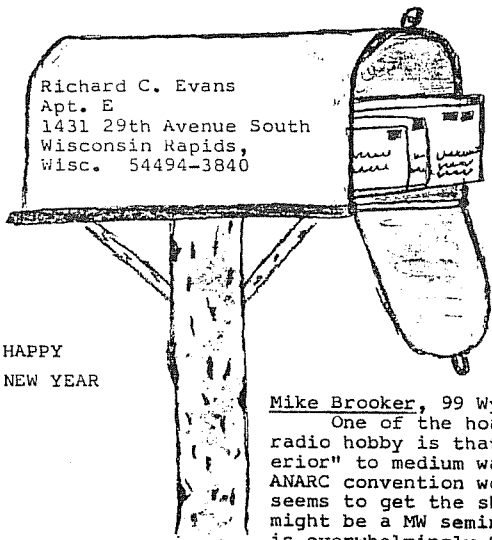
WGMS 570 MD BETHESDA fine arts, 100% simulcast of FM 103.5
 WMAL 630 DC WASHINGTON adult standards/adult contemporary, lots of talk
 mornings & afternoons, heavy sports
 WCPT 730 VA ALEXANDRIA SMN "Heart & Soul" black oldies, 23 watts nights
 WABS 780 VA ARLINGTON religious, contemp. rlg. afternoons, uses PSSA
 WILC 900 MD LAUREL Spanish, "Radio Borinquen"
 WCTN 950 MD CABIN JOHN-POTOMAC religious
 WRRC 980 DC WASHINGTON local talk days, Talknet nights, "WRC"
 WBZE 1030 MD INDIAN HEAD black gospel/religious
 WNTR 1050 MD SILVER SPRING local talk, ABC Talkradio, 43 watts nights
 WUST 1120 DC WASHINGTON black gospel
 WMEF 1150 MD GAITHERSBURG adult contemporary
 WAGE 1200 VA LEESBURG soft adult contemporary, heavy news/sports
 WFAK 1220 VA FALLS CHURCH religious, uses PSSA
 WWDC 1260 DC WASHINGTON adult standards, Bullets basketball
 WDCR 1310 VA FAIRFAX religious, rlg. talk, local sports
 WYCA 1340 DC WASHINGTON black gospel
 WMZL 1390 VA ARLINGTON country, 100% simulcast of FM 98.7
 WOL 1450 DC WASHINGTON black variety (talk, oldies, funk, go-go, etc.)
 WFWZ 1480 VA QUANTICO traditional country
 WTOP 1500 DC WASHINGTON "all-news" (exc. Orioles baseball & Larry King)
 WMDO 1540 MD WHEATON Spanish, "Radio Mundo"
 WCMY 1560 MD LA PLATA adult contemporary/adult standards
 WPGZ 1580 MD MORNINGSIDE black/CHR, 100% simulcast of FM 95.5
 WINX 1600 MD ROCKVILLE CHR (on AM!), dual IDs Rockville-Washington

See how easy that was? Send in your area (Pittsburgh, eastern Montana, whatever!) & we'll run it here!

Proposed Station Sales (* means check the format listings for more info)

KRVV-610-CO, CKOV-630-BC, WMAQ-670-IL*, KVNA-690-AZ, KVOI-700-AZ, WIRJ-
 740-TN, WKQD-740-TN, WCLZ-900-ME, KTWO-1030-WY, WNTR-1050-MD, KMIS-1050-
 MO, WSRG-1070-KY, WALD-1080-SC, KXSA-1110-AR, WLBA-1130-GA, KCPS-1150-
 IA, WYNE-1150-WI, WBUG-1190-PA, KIKC-1250-MT, WCSA-1260-MS, WNOC-1260-
 TN, WCBL-1290-KY, KOIL-1290-NE, KVOL-1290-TX, WAMR-1320-FL, WVLY-1320-
 MS*, WMOR-1330-KY, WSCT-1350-NC, KKBK-1360-MN, KRKO-1380-WA, WJLD-1400-
 AL, WZAZ-1400-FL*, KCWV-1410-KS, WRSS-1410-PR, KEES-1430-TX, WSPB-1450-
 FL, KEZJ-1450-ID, WLAJ-1450-TN, WBIT-1470-GA, WWML-1470-PA, KWIZ-1480-
 CA, WRSW-1480-IN, WNHN-1490-TL, WGTT-1500-AL, WHRF-1520-MD, KGTV-1530-
 TX, WVIC-1530-VA, WUTQ-1550-NY, KTER-1570-TX

Station Sales That Failed: WYEA-1290-AL, WAGA-1480



EASTERN DX FORUM

reports from members living east of the Mississippi River

Deadlines: Fridays

This column typed: 12/18/87

HAPPY
NEW YEAR

Mike Brooker, 99 Wychrest Ave, Toronto, Ontario

One of the hoariest myths in this//M6G 3XS radio hobby is that shortwave DX is somehow "superior" to medium wave. Anyone who has attended an ANARC convention would notice that MW DX always seems to get the short end of the stick. There might be a MW seminar or two, but the convention is overwhelmingly SW-oriented. IRCA got some rather shoddy treatment at the 1987 ANARC treatment, hosted by ODXA. (See Niel Wolfish's ANARC report in the

August DX Monitor) I used to be the medium wave/FM editor for ODXA until the ODXA BoD (none of whom would ever be caught dead doing any MW DXing) decided to scrap my column on some trumped-up charges -- insufficient support for the column (I'd rather have top-quality loggings from 3 or 4 members, than 15 contributors sending in loggings of 50 kw blowtorches), and too many remarks about drinking in my column. Does anyone really think that the odd remark that I enjoy a cold one at a Blue Jays game would encourage anyone to drink? ODXA is becoming the Moral Majority of DX clubs. In protest, I resigned my membership in ODXA. There is no way a SW column in ODXA would have gotten the death penalty for a few off-color comments. To paraphrase Orwell's Animal Farm, ODXA (along with a couple of other so-called "all-wave" clubs) would have its members believe "short wave good, medium wave badi" Who says SW and MW DXers can't co-exist? What about those who DX both, myself included. I do some DXing on 60 meters as well as listening on other bands, though 90% of my DXing is done between 530 and 1610 kHz. I don't appreciate pompous, arrogant SW types looking down their noses at MWers, not considering it "real" DX. As far as I am concerned, my best MW catches -- CBU-690, WFOY-1240, KBRT-740, etc. -- are as good as, if not better than logging Falkland Islands, Tristan da Cunha, or NYAB Bhutan. Almost all of my MW DX has been sunset skip, with a number of new SSS catches being added to the log, including WQRX-870, WYNS-1160 (tried for their Sunday morning ET, didn't hear it, but heard them the next Monday at SSS), CHTN-720 (ex-1190), and two Wisconsin daytimers on 910, WDOR and WHSM. (Mike, I hear them both every day here, separable on the loop--rce) Total is now 967 heard. I would like to have 1000 stations logged before the end of the Reagan Administration, January 20, 1989. One recent unID on 640 - has anyone noted someone playing oldies, ID'ing as "64-JTZ" and mentioning the "tri-cities"? "J TZ" would pre-suppose a WJ TZ call, which I can't find on 640 in the NRC Log or in Broadcasting Information. It might even be CJ TZ, except that their wx wasn't in Celsius and they said "zee" instead of "zed". They also had NBC nx. Any ideas? The only thing that even comes close is WWJZ in Mount Holly, N.J., but is that a "tri-city"? (No (I used to rate bills for a truck terminal right outside Mt. Holly), but how about a "tri-city" in Tennessee--Kingsport, Bristol, and Johnson City, where the old WCQR-640 in Blountsville just had a call change to WJ TZ--rce) I think I'll have another beer! (Horrors!! ODXA would censor that last comment!) 73.

Rick Evans, 1431-E 29th Avenue South, Wisconsin Rapids, Wisconsin 54494

Yes, we did have a little snow (about 7 inches worth) on 12/15. And I still remember how to drive in the stuff, after nine years of being away. I tried to DX that day thinking the snow would help reception, but it was a disaster. A lot of the regulars weren't in, either. v/l WRDB-1400 Wisc. WHPB told me that, as of 12/7 they went country stereo, using the C-Quam system. WHPB, of course, is in a "twin cities" situation, too. 73.

Border Music's Long Reach North

By LARRY ROHTER

THERE ARE THOSE WHO argue that the hippest radio station ever to beam music and chatter over the American airwaves operated out of a tiny studio overlooking the Pacific Ocean in this sleepy Mexican resort town, 15 miles south of the United States border.

The station was XERB, and it is perhaps the best-known representative of a peculiarly American genre of entertainment known as border radio. It served as the model for the radio station featured in the film "American Graffiti," inspired untold thousands of pop musicians, and has evolved over the years in a way that reflects many of the changes in life along the border.

For a generation of teen-agers now in their 30's and 40's, listening to "50,000 watts out of Mexico," as the Blasters affectionately recalled in their 1981 song "Border Radio," was a nightly ritual. After turning out the lights and slipping under the bedcovers, they would tune their radios to one of "the X's," Mexican-owned stations here and in other border towns such as Piedras Negras, Nuevo Laredo and Tijuana.

The impact of that experience — an all-American music that transcended format and ranged from the country and western of Hank Williams to the hard-core funk of James Brown — can be heard today in the music of numerous rock 'n' roll groups. Among them are New Wave bands such as Wall of Voodoo, whose "Mexican Radio" is a rock-club staple, and blues re-creationists like the Fabulous Thunderbirds, whose album sleeves and live shows have been known to incorporate border-radio patter.

"There was a touch of mystery to hearing the voice of Howlin' Wolf or John Lee Hooker coming out of the night from a foreign country," said the composer and guitarist Dave Alvin, who wrote the "Border Radio" paean. "And it always amazed me as a kid to find that no matter where I traveled with my parents in the Southwest, the same stations would come in loud and clear."

In the intervals between songs, disk jockeys sporting sobriquets such as Wolfman Jack, Huggy Boy and Dr. B hawked virility potions, plastic dashboard statues of Jesus, record anthologies and roach clips — whose ultimate use as holders of marijuana

cigarettes was artfully disguised — and record anthologies. Rounding out the programming were the radio evangelists, offering salvation between their requests for money.

"I had everybody that nobody else wanted, all the fortune tellers, all the preachers, all the scalwags," said Wolfman Jack, one of the principal pioneers of border radio, first as a disk jockey and station manager at XCRF in Ciudad Acuña and then at XERB. "The old Wolfman gave them all a place on the air, and I ended up making a ton of money."

These days, border radio continues to flourish, albeit in a glossier, more mainstream fashion. Most of the stations that made their reputations in the 1960's are still on the air, but during the last decade, many have changed both the audience they seek and their management.

Mexican station owners, realizing that border radio can be a lucrative business, have opted not to renew lease agreements with Americans and have taken over control of some stations themselves. And the rapid growth of the Hispanic population in the American Southwest, now estimated at more than 10 million people, has made Spanish-speakers the preferred target for many of the "border blasters," as broadcasters frequently call the X stations.

XERB, for example, is now known as XPRS, and long ago abandoned rock 'n' roll in favor of mariachi and ranchera music aimed at Hispanic listeners in Los Angeles. Its programs are taped, in Spanish, in a studio in Los Angeles and then shipped down to transmitting facilities here for broadcast back to Southern California.

"The California market has been our salvation," said Martha Barba de Diaz, general director of the California radio group in Tijuana, which operates three FM stations — two in Spanish and one in English — beamed at listeners in the San Diego area.

In the San Diego-Tijuana area alone, there are nine AM and seven FM stations now broadcasting to audiences on both sides of the border in English, Spanish or a combination of the two. Advertising and broadcast consultants estimate there are at least twice as many such stations in Mexican border towns across the Rio Grande from Texas.

"The Spanish-language market on

the American side is just growing, growing, growing, and advertiser are very much aware of that," said Robert France, vice president of sales for XEMO AM and FM in Tijuana. "Our advertisers now include people like McDonald's, Sears, Kroger, Toyota, 7-Up and all the major supermarket chains."

In earlier years, however, American broadcasters were drawn to stations in Mexican border towns not only by visions of profit but by the lack of regimentation and a free-wheeling "anything goes" frontier spirit that resulted in "radio that sounded like it was coming from another planet," in the words of Ke Barnes, editor of *Radio & Records*, leading trade publication.

"When I started at XCRF in 1961 Mexico was the most lenient country in the world when it came to radio," said Wolfman Jack. "All you had to do was file one form sheet, run the National Hour every Sunday night and pay your taxes, and the Mexican would let you do whatever the hell you wanted."

"By locating in Mexico, radio stations were subject to zero regulation by the Federal Communication Commission," said James LaMarca program director for XTRA-AM which has its studio here and its business offices in San Diego. "That meant no news commitment, no fairness doctrine, no public-service announcements and none of the load of paperwork or filings required by the F.C.C."

Mexico also allows stations to broadcast more commercials than the 18 minutes per hour maximum permitted in the United States. But the biggest attraction for such stations was, and continues to be, the ability to transmit signals well above the 50,000-watt AM maximum in force in the United States, an advantage that has allowed border stations to reach a nationwide audience.

On the books, some of the X stations had licenses allowing them to broadcast at up to 250,000 watts of power. But most also found ingenious ways to boost their transmissions, enabling them, on cold nights when signals carried further, to be heard clearly as far north and east as Chicago or even Canada.

"We'd use reflector antennas, put water under the antenna to make it

re magnetic and push the signal to another three or four states, and it generally do all kinds of things you wouldn't let you do in the states," said Wolfman Jack. "You could hear us all the way to Russia." "In the old days, they say you'd walk into the transmitter room at one of the stations, and there would be so much juice in the air that the hair on your arms would stand up," added Oscar Medina, who grew up in Texas listening to border radio and is now a disk jockey on XTRA-FM.

Border radio first came into existence in the mid-1930's, when Mexican and American regulatory agencies refused to allow Mexican stations to broadcast toward the north. But the softening of its impact on a mass audience coincided with the advent in the 1950's of rock 'n' roll, which was initially resisted by mainstream American stations. "The X's prodded American stations out of their closed community

by playing the Chess sound," said Mr. LaMarca, referring to the Chicago record company which featured such blues artists as Muddy Waters and Howlin' Wolf, as well as "rhythmic 'n' blues music that very few other stations were playing."

Indeed, the eclectic mixture of musical styles that characterized border radio has been an important influence on the development of some of today's most popular groups, as the Texas blues-and-boogie band ZZ Top acknowledged in its hit song "Heard It on the X":

*Do you remember, back in 1966?
Country, Jesus, hillbilly, blues,
that's where I learned my licks.
From coast to coast and line to line,
in every county there,
I'm talkin' 'bout that outlaw X, it's
cuttin' through the air.*

The renegade outlook at the border stations has also become the stuff of broadcasting lore. Wolfman Jack, for instance, recalls the time XCRF was attacked by gunmen hired by a disgruntled former director of the station.

"I was over on the American side,

in our office in Del Rio, Tex., when I heard some shots over the radio," he recalled in a recent telephone interview from Los Angeles, where he now broadcasts on KRLA. "I hopped into my 1960 Oldsmobile Starfire, passing out \$100 bills to anyone who would come along with me.

"When I got to the station, it was surrounded by a bunch of pistoleros who were firing at the station. There was a shootout, and when it was all over, a couple of the gunmen had been killed."

In contrast, Wolfman Jack complained, today's border stations "are so plasticized" that there is no longer any difference between border radio and conventional stations. He added that he had also thought of finding a congenial Mexican partner to buy a border station, but realized that prices have escalated out of his reach, in large part because of his own earlier success.

"We had a good time for years," he said. "It was a very special time, a very special combination of circumstances, and I don't think it could ever happen again."



The New York Times/Larry Roher

ty Manor, disk jockey at XTRA-FM in Tijuana, Mexico, which beams rock radio across the border.

DX WORLDWIDE II

Paul Swearingen

3132 SE Irvingham St.

Topeka, KS 66605-2948

As you can see, I'm experimenting, using a Macintosh SE our school just acquired. I'm killing two birds with one stone, learning how to use this thing and producing this column. Clever, huh?! We'll just see when it prints out. Note the new address ... DX is a whole lot different in an area which has the highest ground conductivity in the U. S. plus advantageous location with respect to the two coasts and Latin America. Plus it's nice to be back home again.

Trans Pacific

Afghanistan - One megawatt tx noted on 1107 carrying the Afghan HS. Heard in N. Europe.

Australia - 6KP-702 now on from Karratha with 2 kW. (ARDXC) 5PI-1044 is now 5CS. (Arthur Cushen, NZDXL) Two new ABC repeater stations are operating, 4CH in Charleville, Queensland on 603 and 3WA in Albury, New South Wales, 756. (Arthur Cushen, SCDX)

China, Taiwan - ICRT Taipei is now on 576 kHz but irregular (ex 1548). BCC Kaohsiung 2 now on 909, ex-1224. BCC Taichung 2 now on 837 kHz, ex 1062. Easter Is. - CB82, R. Manukena, ex-580, now on 820 with 250 w. (Barrera, via ARC)

India - AIR Madurai has been testing on 810 and 1215. (SCDX via ARC)

Iran - Bandar Shah-1449 with 400 kW has been reported by Jokela. (EBU via BE via ARC)

Korea, Rep. - Powerful signal noted on 1134 by Sweden's Olle Alm. (ARC) KBS first noted on 1341 in April. (Fujita in FERC via ARC)

Malaysia - Radio-TV Malaysia is closing MW stations in favor of FM, with all stations to be shut down by August, 1988. (Media Network, via NZDXL) RAAF Butterworth-1445 is closing at the end of December, 1987. (ARDXC via FERC)

New Zealand - R. Horowhenua-1377 expected on-air in December with 2.5 kW. Access R. Auckland-1404 will be on the air from December through Feb. 4. Community groups are charged at a rate of \$70 per hour to air programs. (BC, via NZDXL) R. Hikurangi-1125 is on from Ruatoria, with local programming but relaying KIWI FM, Hamilton between 7 pm and midnight. (BC in NZDXL)

Saipan - KCNM is now back to normal broadcasting hours after suffering typhoon damage in December, 1986. The station is also awaiting FCC approval for a frequency change dictated by QRM from Japanese stations.

Samoa, Western - 2AP-1404 has a new 2.5 kW tx. (Arthur Cushen in DXA via ARC)

Saudi Arabia - New station has been heard on 630. (Wolfgang Buschel, via SCDX)

Turkey - Two new stations have been heard on 558 and 594. (Wolfgang Buschel, via SCDX)

Trans Atlantic

Albania - Rrogzina is back on 648, ex-643. (EBU via MWC)

Algeria - The Voice of the Chilean Resistance is relayed by RTA on 981 kHz in Spanish. (Gerry Dexter in MWC)

Angola - E. R. de Benguela noted on 1198.4 (// 1502) (Korinek)

Bulgaria - Sumen-954 now here ex 963. ID: "Bulgarskoe Radio - rayona stanitsa shumen na srednoy val 312 metra". (Distance via MWC)

Cameroun - R. Bamenda-1152 seems to have increased power. (Ginbey in WRTH NL via ARC)

a severe het. (Buschel in SCDX)

Czechoslovakia - a new regional tx is on 927 kHz as a result of reorganization. (SCDX via MWC) Hradec Kralove, ex-1017, Prague is on 774. Mnichovo Hradiste, Prague is on 1017, ex-1071. (KH via ARC via DXA) Dobrochov-954 with 400 kW is to start soon. (Kurier via SDXL via ARC)

Egypt - Bawiti-918 with kW new; Quseir -1575 with 10 kW, new. (EBU via SDXL via ARC)

Faeroes - the 5 kW tx of Urtvarp Faroya is to be replaced by a 200 kW AEG Telefunken. (MMTr via WDXC)

Finland - The new MW transmitter at Pori is now in regular 24-hour service on 963. (Aki Aaltonen in SCDX)

Greece - An unlisted tx with ERT-1 has been heard on 693. AFRTS Kato Souli on 1485, rather than reported 1480. (DK via BDXC via ARC)

Hungary - A new 1000 kW tx on 1251 kHz is on the air from Marcali, replacing a 135 kW unit at Siofok. (SCDX via MWC)

Ireland - Most of the existing pirate radio stations will be licensed to broadcast under the terms of the Government's Local Radio Bill to be published. It is hoped to have the necessary legislation through the Dail before Christmas. The Government wants to leave commercial radio as open and free as possible allowing the market to decide which stations survive and which go under. Big M. Radio has moved to 846 rather than 936 as previously announced. A new station isd Carlow Community Radio -1044. (Anoraks -UK via WDXC) Hits 954 is new 24 hrs in Limerick City. 1125 Glencough R. is new in Co. Donegal. R. Sovereign-1521 (Co. South) has been testing and announcing Sunday-only programs. (A-UK via MWC)

Israel - Galei Zahaf's 50 kW tx is on 1368. (SCDX via ARC)

Italy - The Italian government's Constitutional Court has judged that Italy's private stations may launch high-power commercial stations capable of rivaling RTL or RMC. They judged that RAI's monopoly position in state-run broadcasting breaches the Constitution's freedom of information provisions. These new licensees can be denied or withdrawn for technical or international relations. (BDXC via ARC)

Libya - New station reported on 621 since Feb. (EBU via MWC)

Lusaka - ZBS General service noted again on 629 (after a long time on 630). Home service still on 818. (Vashek Korinek)

Madagascar - A new outlet is being monitored on 630. (Ginbey in WRTH NL via ARC)

Madeira - Posto Emissor de Radiodifusao do Fudchal now 1530 kHz, ex-801. (Distance via MWC)

Portugal - Radio Comercial is now using 756 exclusively with a tx in Lisbon/Banatica, with 2.5 kW.

Spain - RCE Bilbao testing on 520. RCE Valencia now on 558 ex 1314 kHz. (Play-DX via ARC)

Pan Americana

Bermuda - A 500 kW tx is being proposed for medium wave programming beamed to the American and Canadian East Coast. A frequency in the expanded broadcast band would be used, most likely 1610 or 1620 kHz. The broadcasts will be made in local evening hours only, with spring 1988 the earliest on-air date if Bermuda government approval is received. (Media Network via NZDXL)

Bolivia - CP24-1331, ex-1340; CP140-d1477, R. Willy Bendeck, ex-1480. (HK in ARC) R. Abaroa-980, El Alto; R. El Munco-1050 Santa Cruz, both new. (WRTH via DXA)

Brazil - R. Sisal-900 Conceicao do Coite, R. Cult d'Oeste-1560 Pau de Ferros, both new. (WRTH via

Chile - CB161-1607 R. Tropical, ex-1615. On from 1800-0600 (weekends until 0700). (ADXL via RC)

Dominican Republic - HIMH-600 Santo Domingo off the air perhaps permanently as it is said this agency was going to be operated in the country, not in Santo Domingo, so it was ordered to close down. (Cesar Bjo, NRC via ARC) HIAT-650 R. Universal, Santo Domingo, now 20 kW, 24 h. (WRTH via ARC)

Ecuador - R. Catolica-880 is 50 kW, on 1030-1000. (WRTH via DXA)

Falkland Islands - The new MW station will be 1550 kHz with 10 kW. (Steve Whitt in MWC via ARC) Guatemala - TG-560 R. Quetzal, Malacatan; G-870 R. Victoria, Mazatenango, TG-1150 R. Quetzal, Guatemala City, all new. (WRTH via ARC)

Haiti - 4V-740, R. Reveille, Cap Haitien, 10 kW new. 4VVB-895 R. Trans-Arbitonite now 10 kW. VKB-930 R. Cap Haitien, ex-920. 4VVE-1500, Voix de l'Espérance, Port-au-Prince, 10 kW, new. (WRTH via ARC)

Honduras - HRLP10-570 R. Ceiba, La Ceiba, ex-1360. HRLP23, R. Moderna, El Progreso, ex-1520. (WRTH via ARC)

Mexico - XEMK-930 R. Mexicana, Huixtla (this station dominates early evenings in Topetla until CFCO takes over -pls), XEK-960 Tapachula, XEPAC-1000 R. Ili Tapachula, all new. (WRTH via DXA) R. Infantil on 50 is now XERIN. XERA-760 R. Chiapas, San Cristobal de las Casas is new. (PDX via ARC)

Panama - HO-1100, R. Suave, San Francisco, D kW; HO-1300, R. Bahai, Chiriqui, 1 kW; HO-1380 1 Dorado; HO-1410, Radio Mensaje, Los Santos, 2.5 W, all new. HO-1430 La Voz Universal, ex-1360, elite HOE91-1210, R. Diez. (WRTH via ARC)

Peru - OAX4N-1123 R. Selecta, 2000 ex-1130 heard here. (DXA via ARC) OAX2C-1160 R. Libertad 10 kW is new. (WRTH via DXA)

International

International Waters - Following a successful reading in the House of Lords it appears that a Bill is being through Parliament fairly rapidly to extend the territorial waters around the coast of Great Britain from three to twelve miles. The Bill, if passed, will mean that the radio ships in the Thames Estuary, despite being outside this limit now, will find themselves in an even more vulnerable position. The only solution would be to move further East still which would place them further out at sea and away from protective sandbanks and more exposed to the elements. Other changes in the law, included in this Bill, would permit authorities to board vessels under certain circumstances in the 'contiguous zone', a further strip twelve miles wide. The Bill is likely to become law by Autumn. (AUK via WDXC via ARC)

Out goes Laser and in comes Star Force 576. New investors have made continued broadcasting possible. Format will be Hot Hits from 0400 to 2400. Harmony Radio 981 also originates from the MV Communicator. Format will be MoR music and Christian religion from 0600 to 1800. The address is 515 Madison Avenue, New York, NY. (ARC)

R. Caroline has ordered a crystal for 981 though the new owners of the Communicator plan to use that for a easy listening/religious service, 576 being a pop music service. (MB in WDXC)

Light: from the January 1987 issue of "The Institute", a publication of the Institute of Electrical and Electronic Engineers. Harold Beverage is, as far as we know, the inventor of the Beverage antenna, which has become very popular among BCB DXers in recent years

Radio pioneer remembers many years of change

When he graduated from the University of Maine in 1915, Harold H. Beverage (LF) faced a choice: whether to play trombone in a theater orchestra at night and attend graduate school by day, or take an engineering job paying about \$560 a year.

"I was afraid I'd fall asleep in class if I took the theater job," says Beverage, who recently turned 94. So he went to work for General Electric Co. at what seems now to be an inconceivably low salary. But, Beverage chuckles, "At the time, I didn't think I was worth that much."

President of the Institute of Radio Engineers in 1937, Beverage is considered a radio pioneer for his work with antennas. As a consultant to the Allies in World War II he made significant improvements in radio communications.

In 1937, he retired from Radio Corp. of America, spun off from GE in 1922, but he still, 30 years later, remains a consultant to the company. And he still pursues music, his old love, although the last time he played was about two years ago in a 35-piece orchestra.

World War I research

In Schenectady, N.Y., during World War I Beverage worked in GE's test department with E.F.W. Alexanderson. They developed a radio receiver to go with a transmitter incorporating Alexanderson's high-frequency alternator. The resulting barrage receiver required two antennas, each two miles long and laid on the ground from northeast to southwest.

The antenna solved many of the problems of radio interference by the Germans that plagued the French forces in World War I. Because the receiver was unidirectional, it could be aimed to receive only radio signals from U.S. forces, but by simultaneously sending out a barrage of interference, it prevented the Germans from copying the transmissions.

Five years later, Beverage developed his wave antenna, which was widely used at very low radio frequencies of 10 000 to 30 000 hertz. The unidirectional, aperiodic antenna eliminated static from lightning storms, one of the major problems apt to trouble such low-frequency equipment.

Short waves rediscovered

Guglielmo Marconi's 1926 discovery that short-wave radio signals could travel long distances during daylight hours made the wave antenna largely obsolete. Short waves had previously been considered almost useless because a layer of the atmosphere present during daylight prevents the signals from reaching a higher layer that reflects them back to the ground.

At night, the lower layer dissipates and the reflected short waves can be received. Marconi shortened the waves from 200 to 32 meters, which solved most of the reception

problems.

Short waves were more economical because the long-wave antennas were extremely large and costly. But short waves were far from perfect: their most serious drawback was a tendency to fade in and out in northern regions such as Greenland, because sunspots cause atmospheric ionization that interferes with short-wave reception.

From 1927 experiments at RCA, Beverage and his assistant, Harold O. Peterson (LF), found that diversity reception, a combination of several antennas, minimized fading. The two engineers found that three antennas, spaced about a thousand feet apart in a triangle, provided the best reception.

To reduce fading further, they combined antennas with opposite polarities. The technique—known as polarization diversity reception—is still used in satellite reception to compensate for the effect of the ionosphere on polarization.

D-day recollections

"A modest man who retains the distinctive accents of his home state of Maine, Beverage remains proud of his participation in World War II. As an expert communications consultant on commissions to the U.S. Secretary of War, he worked on projects in Italy, North Africa, and Britain.

He was given his most important assignment when he arrived in London about two weeks before D day, June 6, 1944—to direct air support for the invasion of Normandy, where reliable air-to-ground communication was needed over both land and water.

Beverage thought the frequencies to be used were fine, but that horizontal polarity, rather than the vertical polarity that the British used, would send the radio signals up to the atmospheric layers, where they could travel quickly without interference. He worked feverishly until the day of the attack to change the polarity of the transmitters, but had no time to test his thesis.

"I had no idea whether the change in polarity worked during the attack because the radio frequencies were changed to confuse the Germans," said Beverage. But he later received a letter from the U.S. Air Force saying that thanks to his efforts there had been no failure in communications. In 1948, he was awarded a Presidential Certificate of Merit in recognition of his work.

Beverage remained with RCA until his retirement, at which time he held two positions: vice president for research for communications, and director of radio research.

At 94, having seen technological advancements that have radically changed the world, Beverage is content to sit back and relax. His biography, *The Genius at Riverhead*, written by Alberta Wallen, will soon be published by the Courier Gazette Press, Rockland, Maine. Now, he says, he is glad he doesn't have to understand the current developments. He just watches them continue to change the world.

—Erin Murphy

VERIFICATION SIGNERS

Editor: TIM HALL 350 G St. #F-1, Chula Vista, CA 92010-4505
 Deadlines: Last Friday of the month: 1/29 2/26 3/25

COLUMN #13
 12 / 4 / 87

FREQ	CALL	SIGNER'S NAME / TITLE	ADDRESS	WHAT	WHEN	WHO
550	REBELDE	JORGE LUIS MAS ZABOLA, JEFE, DPTO. PROPAGANDA, REL PUB. APARTADO 6277		HABANA 6, HABANA CUBA	QLB	JH
560	WEBC	C. MARSHALL SPINN, CE		DULUTH, MN	LB 7	OW
600	REBELDE	(see 550 kHz -- TRH)		HABANA 6, HABANA CUBA	QLB	JH
610	KDAL	JOHN R. SNEE, VP / GM		DULUTH, MN	Q 5	OW
630	KTKK	STANLEY BUSH, GM		SANDY, UT	L 7f	OW
690	KBLI	JIM BURG DYNE, GM		BLACKFOOT, ID	P 7f	OW
700	KBRV	STEVE WEBER, CHIEF OP.		WINGTON, OR	L 25	OW
730	TGNA	STEVE SYWULKA, DIRECTOR	PO BOX 601	GUATEMALA CITY GUAT.	QL++	JH
740	KATK	FRANK NYMEYER, OP MGR.		CARLSBAD, NH	LB 5	OW
	KCBS	RAY KIDLING, MGR. BLDG OPS.		SAN FRANCISCO, CA	QL 170f	OW
760	RELOJ	GEORGINA DUVALIN PENA, SUBDIRECTOR	AP. POSTAL 4211	LA HABANA 4, CUBA	L+ 75	JH
	KJIM	TAMELA LAZO, GM		THORNTON, CO	L 5	OW
850	KGKD	RANDALL BRIDGES, MGR.		BENTON, AR	L 6f	OW
	WWJC	ROGER ELM, EXEC DIR.		DULUTH, MN	LB+	8 OW
920	KWYS	LARRY BINFET, STN MGR.		WEST YELLOWSTONE, WY	P 6f	OW
930	KLCY	MONTY TURNER, PD		EAST HISSOULA, HT	P 7	OW
970	WHA	ALLEN J. RIELAND, DIR ENG. / OPS.		MADISON, WI	L+ 387	OW
980	KUPI	WELLS BRODY, CE		AMMON, ID	P 8f	OW
	WPRE	(ILLEGIBLE)		PRAIRIE DU CHIEN, WI	Lr 4	OW
1060	KBBN	SUSAN M. MYERS, OFF MGR.		CALDWELL, ID	LB 449	OW
1090	KYBG	JEFF PINKERTON, CE		DENVER, CO	L 20	OW
1130	KNTH	RODIN G. THEOBALD, GM		DILLON, CO	L+CAP! 19	OW
1140	KNEI	DAVID H. HOBENDORF, OWNER		WAUKON, IA	L 7	OW
1170	NLKE	HAYNE M. NAUSSER, OP MGR. [now WLKD]		NAUPUN, WI	LB 16f	OW
1190	KMMB	CAROL TENTIS, OFF MGR.		WARASHA, MN	Lr 5	OW
1200	CKDA	DOUG MATTICE, ENG DEPT.		VICTORIA, BC	LB 14	OW
1220	KBND	(ILLEGIBLE)		DENVER, CO	P 21fff	OW
1240	KWIK	BOB BURNS, PD		POCATELLO, ID	PB 5f	OW
1250	KALD	PATRICK PARKS, CE		PORT ARTHUR, TX	L 27	OW
	KPRE	RAY ELLER, OWNER		PARIS, TX	LrD 19	OW
1270	KINL	ROY A. MAPEL		GILLETTE, WY	LrB 8	OW
1314	NORWAY	(ILLEGIBLE)	RNI, 0340 OSLO 3	OSLO, NORWAY	QB 44	JH
1340	KKIT	JACOB MILLER, CE		TAOS, NH	Lr 19	OW
1360	KBUY	ANITA DRYPOLCHER, OFF MGR.		RUIDOSO, NH	L 34	OW
	KREE	ANITA DRYPOLCHER, OFF MGR. [follow-up from '83]		RUIDOSO, NH	P 9f	OW
1400	KADR	DAN VOSS, CHIEF OP.		ELKADER, IA	LB+ 9	OW
	HATW	RANDY THOMAS, PROD. MGR.		ASHLAND, WI	LB 5	OW
1450	KATE	DENNIS L. MARTIN, VP / GM		ALBERT LEA, MN	LB++ 7	OW
1470	KWSL	TED HAHN, CE		SIOUX CITY, IA	LM 5	OW
1480	KRXR	RITA CUESTA, OWNER		GOODING, ID	PL 5f	OW
	KJUX	KATHY MILLER, OFF MGR.		HOBBS, NM	LB 20f	OW
1550	KUAT	THOMAS DOONE, CE	UNIVERSITY OF ARIZONA	TUCSON, AZ 85721	LB+++ 10	JH

WHAT was received: Q=QSL card, L=Letter, P=Prepared card, Lr=rpt used as verie, B=Buaperstickers, M=Map.
 WHEN did the reply come: Number of days elapsed. f = Follow-up report (or phone call) was necessary.

HELP WANTED SECTION: (Having trouble verifying a station ? Here's where to ask the membership for help !)

Can anyone supply a current signer for any of these stations ?

530	KRAI-CO (TRH)	590	KID-ID (TRH)	910	CKLY-ON (TRH)	970	WEBR-NY (TRH)
1270	CHAT-AB (TRH)	1290	KBVO-MT (TRH)	1360	WEEE-WI (TRH)	1400	KDRB-MT (TRH)
1450	KXXL-MT (TRH)	1570	CHLD-ON (TRH)	1590	WAKR-OH (TRH)	1600	KCRB-IA (TRH)

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ANOTHER SPECIAL EDITION due to your fine support of this column.

WELCOME to first-time reporter JIM HALL of Pittsburgh. If stations like KUAT are your nightly pests, I'm moving to PA, hi !

MERRY CHRISTMAS !!!! See you next month !!

-- Tim

STATUS OF DOMESTIC STATIONS (100 watts or more)

As of October 1, 1987

Key: A--Total number of licensed stations currently operating.
 B--Construction Permits for New Stations.
 C--Construction Permits for Change of Frequency.
 D--Stations temporarily "off the air" or SILENT.

STATE/PROVINCE	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
1--TEXAS	304	10	2	1
2--CALIFORNIA	245	20	1	2
3--NORTH CAROLINA	226	6	4	3
4--FLORIDA	214	16	2	5
5--GEORGIA	198	5	1	3
6--PENNSYLVANIA	193	1	2	0
7--TENNESSEE	192	6	2	2
8--NEW YORK	169	5	5	2
9--ALABAMA	161	7	2	0
10--VIRGINIA	147	8	1	3
11--KENTUCKY	141	5	1	0
12--MICHIGAN	139	5	2	2
13x--ILLINOIS	132	4	0	0
x--OHIO	132	1	0	2
15--MISSOURI	117	3	0	3
16--SOUTH CAROLINA	114	6	0	2
17--WISCONSIN	113	3	2	0
18--MISSISSIPPI	112	7	0	3
19--WASHINGTON	106	3	3	3
20x--ARKANSAS	103	2	0	5
x--MINNESOTA	103	4	1	2
x--ONTARIO	103	0	2	2
23--LOUISIANA	101	1	1	1
24--INDIANA	90	0	0	1
25--OREGON	88	3	2	3
26x--IOWA	85	0	0	0
x--QUEBEC	85	1	0	4
28--COLORADO	83	8	1	2
29--ARIZONA	76	3	0	3
30--OKLAHOMA	69	0	0	1
31--MASSACHUSETTS	68	4	0	0
32x--WEST VIRGINIA	67	3	0	1
x--BRITISH COLUMBIA	67	1	2	0
34x--KANSAS	62	2	0	2
x--NEW MEXICO	62	3	0	0
36--MARYLAND	52	2	0	1
37--NEBRASKA	51	1	0	0
38--MONTANA	50	2	0	1
39--IDAHO	46	3	1	2
40--ALBERTA	45	0	0	0
41x--CONNECTICUT	42	0	2	2
x--UTAH	42	2	2	1
43--ALASKA	40	6	0	1
44--MAINE	39	0	1	0
45--NEW JERSEY	38	4	1	1
46--SOUTH DAKOTA	37	1	0	1
47--NORTH DAKOTA	34	2	0	1
48--WYOMING	33	1	0	1
49--NEWFOUNDLAND	32	0	1	0
50x--HAWAII	28	3	0	2
x--NEW HAMPSHIRE	28	2	1	1
52--NEVADA	23	6	0	0
53--SASKATCHEWAN	21	0	0	0
54--VERMONT	20	0	0	0
55--MANITOBA	19	0	1	0
56x--NEW BRUNSWICK	18	0	1	1
x--NOVA SCOTIA	18	0	0	0
58--RHODE ISLAND	16	0	0	0
59--DELAWARE	10	0	0	0
60--DISTRICT OF COLUMBIA	7	0	0	0
61--NORTHWEST TERRITORIES	5	0	0	1
62--PRINCE EDWARD ISLAND	3	0	0	0
63--YUKON TERRITORY	2	0	0	0
TOTALS	5266	191	50	80

THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1630 KHz). "DX Monitor", the official publication of the IRCA, is published 34 times a year, weekly from October to March, twice in September and April, and monthly from May to August. "DX Monitor" contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.

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