



# eastern dx roundup

Bob Curtis  
17 Cobbleview Dr.  
Colchester, VT 05446

DEADLINES: Sat. June 24; Mon. July 24 & Mon. Aug. 21  
All times are Eastern Local Time  
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## Splatter:

"My second best afternoon station." (see WKXA-900) Bryan Lee - CT  
"Weak, but no QRM due to aurora." )see WATH-1590) David Nelson - NC  
"They forgot their clock was set to EDT." (see WARR-1520) Greg Monti - NY  
"The TRF really works wonders. 63 new catches since 4/13." Bill Townshend - DC  
"Don't hear this one much." (see WNEF-1290) Paul Mount - NJ  
"WUSA Brattleboro, VT has suddenly become a morning pest." (see 1450) Bryan Lee - CT  
"Finally ID'd my third daytime reg on this channel." (see WOCE-1240) Greg Monti - NY  
"Station had been off totally for a while." (see WETT-1590) Paul Mount - NJ  
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540 WLIX NY, Islip 5/6 1103 "54 Long Island news", Fair w/slop from WGNC-550. (BL-CT)  
570 WKBN OH, Youngstown 5/22 0048 ID jx, c/w mx Good. (WPT-DC)  
590 CKEY ON, Toronto 5/15 0405 Good w/spot for place in Oakville, wx at 0405. (PRM-NJ)  
640 WHLO OH, Akron 5/16 2248 Unbelievable! Very good signal, s/off "Your kind of people, W-H-I-O". (BL-CT)  
690 WADS CT, Ansonia 5/17 1612 Finally got this one! pop mx, Barry Manilow "Copacabana" (BL-CT)  
850 WRAP VA, Portsmouth 5/7 1238 Soul mx, ID by OH. Fair signal. (WPT-DC)  
860 WSBS MA, Great Barrington 5/18 0700 Poor signal/ Mx. (BL-CT)  
(ed: they reach here quite often daytime)  
870 WFLO VA, Farmville 4/27 1205 Mx by male announcer Fair u/WAYE slop. (WPT-MD)  
890 WJWL DE, Georgetown 5/19 0600 Lucky to get this s/on just seconds before local WJMD s/on. Fair. (WPT-DC)  
WKXA ME, Brunswick 5/17 1530 My second best afternoon station. C&W mx, Mutual Mx. (BL-CT)  
970 WVDJ NJ, Hackensack 4/23 0133 Promo for the "WVDJ Contest", Send name, address and time announcement heard. (BL-CT)  
1000 WKYB SC, Hemingway 5/1 2015 Ment of Rte 51 at s/off. Fair. (WPT-DC)  
1010 WCNL NH, Newport 5/3 1655 Trying out new DX-160 & WCNL coming in good in late afternoon for a 250 watter. (BC-VT)  
1050 CHUM ON, Toronto 5/2 2249 T-40 rock mx. Fair u/WHH. (WPT-DC)  
1070 ???? UNID, 5/16 2224 Baseball game, very fadey u/CBA. (BL-CT)  
(ed: league?)  
1130 WNEW NY, New York 5/9 1143 1940's vintage song "East of the Sun and West of the Moon" by female vocal. Good u/WUST splash. (WPT-MD)  
1150 WIMA OH, Lima 5/17 0338 One blurt heard "W-I-N-A" then faded into the mess (RI-CT)  
1170 WCLH NC, Clinton 5/9 2015 S/off by OM announcer. Fair. (WPT-DC)  
1190 \*WLIR\* NY, New York 5/4 0039+ Local ETing w/TT and OC, but went off w/out IDing. (GM-NY)  
1220 WRIB RI, Providence 5/9 0559 At s/on above WGHY, WCDQ OC's. The other 2 stns signed on just minutes later. (GM-NY)  
1240 WCHC NC, Elizabeth City 5/5 0004 NC mx, wx rpt Fair to good. I'm deep-sixing my rpt on WJMC (11/15/77 1817), which is in error. Finally got a handle on this &#-bird; which I now consider to be a GY pest on 1240, as it is consistently atop GY pile. Wx rpts from Tidewater, a ment of Elizabeth City and a closer search of CW led to above conclusion. (WPT-DC)  
(ed: a closer search of what?)  
WOCE MA, West Yarmouth 5/9 0604-0620 Finally ID'd my third daytime reg on this channel; tricky in nulls of WGBB, WWC. NBC mx, local mx, commls, sports, wx, pop mx & finally an ID. (GM-NY)

WWWD NY, Schenectady 5/22 0119-0132 Fair-good w/T-40, 3-WD IDs on Bob Green show, spot for Lou's Pizza, gave request line #. Ho WGBB noted 0119-0132. (PRM-NJ)  
1250 WKBR NH, Manchester 5/7 0023 Pop mx, 53<sup>rd</sup> at Manchester Bank. Good, over WBAE and WARE. (RI-CT)  
WNOW PA, York 5/9 1156 Talk by YL u/WBER. Fair. (WPT-MD)  
1260 WNOO TN, Chattanooga 5/20 2028 Good w/s/off. (DN-IC)  
WTJH GA, East Point 5/20 2029 W/end of s/off. (DN-NC)  
1270 CFGT QU, St. Joseph D'Alma 5/22 0300 Talk, said "bonne nuit", then ID, (all FF) mx 0300-01 Loud, M pest. (PRM-TJ)  
WHYD GA, Columbus 5/20 2026 Xlnt, w/end of religious pgm and s/off. (DN-NC)  
1280 CJMS QU, Montreal 5/22 0300 Talk, ID "CJMS Douze quatre-vingt Montreal" and time tone 0300. WADO off. (PRM-NJ)  
1290 WHIO OH, Dayton 5/1 0200 ID, CBS mx. Good sig. (WPT-DC)  
WNEF NY, Binghamton 5/15 0240-0255 Don't hear this one much, but good ID w/T-40, local spots, Accu-wx 0240-0255, no ID but Binghamton mentions in wx, c/c&w stn. (PRM-NJ)  
1300 \*WAVZ\* CT, New Haven 5/15 0237 Just OC on BT, deep voice "WAVZ New Haven testing" 0237 o/talk stn. (PRM-NJ)  
WGRC NY, Spring Valley reported the week of 3/14 by a few DXers was probably just having problems w/their DA. I figure they were HD for a few days. It's been known to happen. (GM-NY)  
1310 WGH VA, Newport News 5/8 0028 T-40 mx on "Tower Line" pgm, ID. Fair. (WPT-DC)  
WJJK NJ, Asbury Park 5/4 0119 Semilocal in on a zero-skywave night w/automated top 40, comml. (GM-NY)  
1320 CJSO QU, Sorel 4/22 2122 BZL mx. FF, fadey, under WATR. (BL-CT)  
WATR CT, Waterbury 4/21 0526 w/Acapulco contest promo, MOR mx. Seems I can only get this in critical hours, not nite or day. (GM-NY)  
WKAP PA, Allentown 5/16 1958 Pop mx, ad for antique shop. ID as "13 KAP". (BL-CT)  
WVOT FL, Jacksonville 5/15 0233-37 w/country, editorial, better w/SH near the radio. (PRM-NJ)  
1330 WHLT GA, Dublin 5/6 2018 c/w mx, plug for Arrowsmith show. Good. (WPT-DC)  
+ 5/20 2020 Weak u/heavy TRF from super-pest WLAT, w/promo & Jimmy Buffett mx. (DN-NC)  
1340 WCHI KY, Ashland 5/6 0018 ID, T-40 mx. Fair w/GY QRM. (WPT-DC)  
WHAP VA, Hopewell 5/19 2047 Beach wx rpts, foll'd by "In the Summertime" by Bongo Jerry. Home of the Chesapeake Bay's #1 pollutant, Kepone. Fair to good atop GY garbage. # 450 heard since Feb. '77. (WPT-DC)  
(ed: Congrats, Bill, on reaching 450! You're moving up fast)  
t WJMA VA, Orange 5/14 1431 Unable to ID because of WFFM QRM. T-40 format, ment of VA in earlier band scan. I bet on WJMA. Fair u/WEPM. (WPT-DC)  
WOKE SC, Charleston 5/15 2100 ID, nx. Fair atop GY pile. (WPT-DC)  
1350 WGAD AL, Gadsden 5/5 2359 With pest WSLR in background, wx rpt (temp 55<sup>o</sup>F) and ID hrd Good, T-40 format. (WPT-DC)  
1360 WIXZ PA, McKeesport 5/16 2100 Banjo mx, then ID and nx. CW lists this as daytime. Stn must now be full time. Fair to good. (WPT-DC)  
(ed: Oh, now I get it. CW must mean Communications World. Right?)  
1370 WDEA ME, Ellsworth 4/23 0111 S/off, totally wiping out WFEA. (BL-CT)  
(ed: did you know WDEA is frequently reported from Europe.)  
WMMC PA, Roaring Spring 4/21 0530 w/s/on atop WALK. MA & fairly detailed announc. (GM-NY)  
1390 CPOO ON, Ajax 5/1 0001 S/off with male vocal singing MA. Fair u/WFAM OC. (WPT-DC)  
1410 KQV PA, Pittsburgh 5/20 0100-0106 Equal to WING/WPOP w/nx, IDs, Larry King show. Also unid TTer per John Kromka tip. (PRM-NJ)

1420 WCOJ PA, Coatesville 5/16 2030 Ment of store on Oxford St., ID, start of Phillie-Astros baseball game. Good. (WPT-DC)  
 WHK OH, Cleveland 4/24 0240 C&W mx, ID as "Ohio Country, WHK". (BL-CT)  
 t WIMS IN, Michigan City 4/24 1916-1921 atop Channel w/MOR mx, promo which contained jumbled calls. (GM-NY)  
 WRCG GA, Columbus 5/6 2150 Braves-Astros baseball game. Good o/CMDX. (WPT-DC)  
 1430 CKPH ON, Toronto 4/23 0114 Nx/Sports, ad for Big Daddy Electronics. (BL-CT)  
 WNJR NJ, Newark 5/12 2043 Promo for rock show in NYC. Fair to good. (WPT-DC)  
 WVAM PA, Altoona 5/19 0605 Wx rpt (temp 48°F, HI for day 77°F). Good. (WPT-DC)  
 1450 WCTC NJ, New Brunswick 5/6 2354 T-40 mx, "Music until 2am on CTC". (BL-CT)  
 \*WMPJ\* FL, Daytona Beach 5/15 0201-0208 rock, caught ID 0205 not quite WMAJ PA pest, called 0315, on again 0330-0345 with more testing. WOL QRM. (PRM-NJ)  
 WOL DC, Washington 5/22 0100 Usual MM pain in the ... w/soul, big talking announcers abt their great stn, 0100 plus. (PRM-NJ)  
 WTSA VT, Brattleboro 5/17 0714 It has suddenly become a morning pest. It occasionally blocks out WKRI (35 mi east!) totally! Nx/sports w/Dan Taylor. Very good signal. (BL-CT)  
 1460 WAXC NY, Rochester 5/20 No longer using this call per JK tip. (PRM-NJ)  
 (ed: I thought they used "Waxey" for an ID, what are they using now?)  
 1480 WHBC OH, Canton 5/12 0231-0237 in WJIT null w/ABC-E mx, ad for place in Akron, jingle, talkshow. (GM-NY)  
 1500 WDEE MI, Detroit 5/12 0131 c/w and rr mx, ID, ment of Motor City. Fair. (WPT-DC)  
 1510 WITS MA, Boston 5/15 0125-0130 Good w/Larry King Show 0125-0130, break for local nx headlines, spot Life of America Insurance, promo "Home of Red Sox Fever" and "WITS-Boston, Information, Talk Sports", back to Larry King. Mx QRM. (PRM-NJ)  
 1520 WARR NC, Warrenton 5/2 0513 atop channel w/s/ON & NA, obviously an hour early in the dark. They forgot their clock was set to EDT. (GM-NY)  
 WIDD TN, Elizabethton 5/7 2024 w/C&W, jx & s/off. (DN-NC)  
 WKBW NY, Buffalo 4/29 0711 Oldies rr mx. Fair to good 2 hr after LSR. (WPT-DC)  
 WRSL KY, Stanford 5/15 2039 Weak u/o QRM with country mx pgm and s/off w/plug for PM on 95.9, many ments of "Central Kentucky". This at 2039. (DN-NC)  
 WTRI MD, Brunswick 5/1 1800 c/w mx, ID, and nx by YL anncr. Fair. (WPT-DC)  
 1530 WPNO ME, Auburn 5/2 1034 In very poorly in AM, but gave call, WPNO, very emphatically at 1034, following ads. (BC-VT)  
 WVFC PA, McConnellsburg 5/18 2015 S/off, ment of Rte. 16. Good. (WPT-DC)  
 1540 WKIE VA, Richmond 5/2 2015 S/off seconds after local WDON s/off. (WPT-DC)  
 WPME PA, Punksutawney 5/21 2030 s/off. Fair. (WPT-DC)  
 WTGF SC, Pickens 5/1 2030 s/off w/OM anncr. Fair. (WPT-DC)  
 WRCP PA, Philadelphia 5/2 2015 s/off a few seconds after WDON/WKIE s/off. Good. (WPT-DC)  
 1550 WYOU FL, Tampa 5/12 2016 s/off, ment of pgms in SS by OM anncr. Good, clear ID(WPT-DC)  
 1560 WKOG GA, Gordon 5/7 2017 ID by OM, c/w mx. Fair with pest WQXR QSB'd. (WPT-DC)  
 1570 KMAR IA, Winnsboro 5/6 2101 s/off in good. (DN-NC)  
 KOTL OK, Pryor 5/6 2116 In briefly w/wx & s/off mentioning KKMA-FM. (DN-NC)  
 WCRL AL, Oneonta 5/6 2037 Good w/Food Town spot, C&W and s/off. (DN-NC)  
 WSSA GA, College Park 5/7 2028 c/w mx, then s/off w/"Dixie". Good. (WPT-DC)  
 1580 WBER SC, Travelers Rest 5/14 2027 w/gospel & s/off. (DN-NC)  
 WESY MS, Leland 5/1 2100 s/off w/OM anncr. Fair. (WPT-DC)  
 1590 WATM AL, Atmore 5/14 2034 Weak, but no QRM due to aurora, w/Alabama nx, Piggly Wiggly spot and s/off w/"Dixie". (DN-NC)

WETT MD, Ocean City 5/22 0215-0232 Good o/u WAKR w/soft rock, somewhat automated?. had Drake TC/jingle 0222, otherwise local announcers after nx 0215-0232. Stn had been off totally for a while. (PRM-NJ)  
 WQQR CT, Waterbury 5/2 2000-2222 In poorly ID'ing as "QQ 1590". (BC-VT)  
 1600 WPRC NC, Reidsville 4/28 0459 Nx, wx. Good signal. (WPT-DC)  
 WUNR MA, Brookline 5/12 0217 ID'd in WWRL null w/McDonalds spot, jingle, Roberta Flack mx. (GM-NY)  
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 DX TESTS  
 1500 WAKE IN, Valparaiso May 15th, Test not heard. (PRM-NJ)

PER THE LIST  
 1150 WKWY IA, Des Moines 3rd MM, only TT heard. (PRM-NJ)  
 1240 WWNS GA, Statesboro 3rd MM, not heard (PRM-NJ)  
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REPORTERS THIS ISSUE  
 BL-CT Bryan Lee, P.O. Box 69, Brooklyn, CT 06234 Realistic TRP  
 GM-NY Greg Monti, 5 Hickory Rd., Bayville, NY 11709 Realistic TRP  
 PRM-NJ Paul Mount, 471 Emerson Ave., Teaneck, NJ 07666 Realistic TRP  
 DN-NC David Nelson, 1507 Lamont Court, Chapel Hill, NC 27514 Realistic TRP  
 WPT-DC Bill Townshend, 4500 Conn. Ave., NW, Washington, DC 20008 Realistic TRP  
 WPT-MD DXing done from work site in Marlow Heights, MD. Realistic TRP  
 BC-VT Bob Curtis, 17 Cobbleview Dr., Colchester, VT 05446 rcvr \*  
 \* with the good show put on by all the TRP's, I hesitate to list my receivers. However, I too, have a Realistic TRP.  
 \*\*\*\*\*  
 Welcome to new reporter, Bryan Lee, at least new since I've been editor. Your excellent report makes it look like you're a real 'pro' at the game.  
 73 and good DX Bob Curtis

**central dx roundup** Richard C. Evans  
 P.O. Box 1121  
 Havertown, PA 19083

DEADLINES: 6/25 7/23 (final one for me!)  
 850\*WIVK\*TN\*Knoxville, 5/18 0111-31. Xlnt on ET w/KOA in 80% null; various tones, short periods of OC, and 1 ID on roughly the half-hour; very strong signal w/minimal QSB and only slight KOA/SS QRM; 1st hrd about a year ago, w/stn called and rptd at that time; no verie ever rcvd. (SAM) (I waited 85 days for a v/f in 1966-rce)  
 980\*WONE\*OH\*Dayton, 5/22 off for ET until 0330 leaving KMBZ/WRC/CKRM. (KDF)  
 1260 WALM MI Albion, 5/22 0632 just behind WJBL/WNDE with Wx & ID. (KDF)  
 WJBL MI Holland, 5/22 0631 poor u/WNDE with Wx & ID. (KDF)  
 1370\*WTAB\*NC\* Tabor City, 5/14 0107-0323. Very good to poor on ET w/various tones, extended periods of OC, brief fragments of rock Mx, and infrequent, irregularly spaced IDs; considerable QSB, but only slight WSPD QRM and no sign of KPRO; hrd testing around here at least every three or four months - always on a Sunday morning; v/l rcvd in about two months. (SAM)  
 1460 KSO IA Des Moines, 4/27 strong w/WMBD off, with C&W Mx at 0244. Usually WMBD slop here and frequency isn't DXable. (JC)  
 WBNS OH Columbus, 4/27 WMBD off, w/T-40, time, phone #, ad, weak. (JC)  
 1470 WMBD IL Peoria, 4/27, off the air during RS. off 2023 until at least 2103. Back on at 2125. First time ever noticed off during RS. WMBD is now 24 hrs RS. Unsure if NSP. (JC)  
 KARE KS Atchison, 4/27, weak w/KC Royals BB game, ads, WMBD off. (JC)  
 ??? ? ? unid, big jumble here w/WMBD off on 4/27, Hrd ABC News ending at 2035 then SID, which was unreadable. Think was Ae net, Mx unsure, possibly C&W. I think WKMF, Flint. Any ideas? (JC)

1500\*WAKE\*IN\*Valparaiso, 5/15 0122 good on test w/TT, IDs, phone calls, etc. (KDF) 5/15 0119-0204. Good to completely unreadable on unlisted DX Special; 1000 cycle tones, code IDs every three minutes or so, MoR Mx, and mentions of both IRCA & NRC; considerable QSB o/u both KSTP and the "grizzly", as well as an unbelievable amount of WLAC slop; very professional DX test format; first logged on last season's Special, but called stn again anyway; v/l rcvd in about two weeks. (SAM)

1520\*WTGR\*SC\*Myrtle Beach, 5/22 0136-45. Extremely weak and fading on a relatively clear channel (KOMA and WKBW apparently off); ET w/1000 cycle tones, brief periods of OC, and Rock Mx; 1 ID, then off; this one has been hrd around here several times w/a much better signal; per statement from the CE, the chances of getting a verie on this one are "slim and none". (SAM)

1550\*KEDD\*KS\*Dodge City, 5/17 0222-24. Presumed to be either ETing or on for emergency purposes; only thing hrd was a very badly mangled fragment of a s/off-type ID (which I wasn't able to decipher until relistening to my tape the next day); no tones or any other type of modulation noted; fair to unreadable, o/u KOKA/WOKJ/WAAY and other unid QRM; a long-shot, rptd in desparation. (SAM) 5/17 0224 fair o/WOKJ w/TT & ID. (KDF)

1590 WQQW CT Waterbury, 5/17 0058 in briefly under WAKR/WGOE ET w/end of MBS show, local spot, into CBS Nx. (KDF)

1610 KI2XCM IA Avoca, 5/22 0352 tentative poor undet statix (sic) w/man/woman annrcs and weather info. (KDF)

PER THE LIST:

3rd MON: WGSR-1570 GA T (KDF)  
 3rd THU: WJZM-1400 TN T (KDF)  
           WCPC- 940 MS t (KDF)  
           WHII-1570 MS T (KDF)  
 4th MON: WCVS-1450 IL T (KDF)

A TIP OF THE HAT THIS WEEK TO:

JC - JOHN CLEMMER, 2937 West Gilbert, Peoria, Illinois 61604  
 KDF - KARL FORTH, 630 South Ardmore, Villa Park, Illinois 60181  
 SAM - SCOTT A. MENTZER, Route Three, Tylertown, Mississippi 39667

NANCY HARDY, Editor

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ABERDEEN, WA 98520

**western dx roundup**

ALL TIMES ARE EASTERN LOCAL

Phone for hot WDXR tips: (206)532-6827 till 11:30pm (PLT) nightly--prepaid calls only

DEADLINES: MONDAY June 26,  
 Thursday July 27

REPORTERS FOR THIS ISSUE:

(MB) Mark Bixby-1627 Highland Dr.-Newport, CA  
 KUAT logged on FRG-7 w/wedge, 92660  
 others using Zenith Transoceanic w/wedge  
 (MB-29) DX from Twentynine Palms, CA using FRG-7 and 5000' Beverage antenna

(NHP) Nick Hall-Patch-3272 Alder St.-Victoria, BC  
 Transmogripled HRO, FET AA V8X LP2 loop

(BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA  
 FRG-7, HE-30; also, this time, 98520  
 info from questionnaires sent out to stns, seeking data for 1978 NRC Log

(NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA  
 Lafayette HE-30, SM-1 98520

(WJH) Bill Harms-N.2213 Vista-Spokane, WA 99206  
 Realistic Patrolman 9

(ASL) Albert Lobel-10514 Caminito Baywood-San Diego, CA 92126  
 Realistic DX-150A, Sanserino loop, 85' center-fed longwire

(SMM-29) Steve Mittman-DX'ing near Twentynine Palms, CA  
 Realistic TRF, 3000' Beverage antenna

(MFS) Matthew Shugart-12561 Groveview St.-Garden Grove, CA 92640  
 Realistic TRF, Sony TFM-7400W

(RW) Robert Wien-945 Desert Isle Dr.-San Jose, CA  
 GE TRF long-range portable 95117  
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540 KDLT UT, Delta 2018 5/6 fair w/C&W mx, requests. (MB-29)

540 CBK SK, Regina 5/7 0106 poor to fair w/talk on James Bond. (MB-29)

560 KLZ CO, Denver 5/7 0104-0110 "Colorado Country News," into C&W Top 200 countdown. Ment's of "56, KLZ." (SMM-29)

570 KLUB UT, Salt Lake City 5/6 2350 w/ID as "Club 57," into easy listening mx. (SMM)

580 KIKX AZ, Tucson 4/17 0443 w/wx & ID. Lots of KLAC-570 slop. (ASL-CA)

590 KSUB UT, Cedar City 5/6 2357 Star Trek theme played, ID, then into CBS nx at 0000. Noted again in passing 5/7 0201 w/s/off, into SSB. (SMM-29)

600 KCLS AZ, Flagstaff 2120 5/6 poor u/KOGO w/TC, ID, temp and into MOR mx. (MB-29)

610 \*KFRG\* CA, San Francisco 5/8 0422 noted off, but OC left on, easily nullable. (RW-CA)

610 KRKE NM, Albuquerque 5/8 0424 weak in KFRG OC null, mixing w/unID rr, possibly WDAF. Wx for Albuquerque, local spot. (RW-CA)

610 \*KVNU\* UT, Logan 5/27 0513 noted w/1 kHz TT poor to fair u/KFRG semi-null, in & out. (RW-CA)

620 CKCK SK, Regina 0344 5/7 poor to fair w/Beatles mx. (MB-29)

630 \*KOH\* NY, Reno 5/8 0336 noted TT'ing, KIDO very weak under. (RW-CA)

640 \*KFI\* CA, Los Angeles noted off MM 4/8 at 0800, TT about 0830, off till 0900. This on 2nd MM, usually done on 1st MM and earlier (0700-0800). (MFS-CA)

(KFI) 5/22 off again this MM, the 4th MM of month! Off till at least 0800. UnID station in SS heard 0710-0730. (MFS-CA)

660 WNBC NY, New York poor to fair in QRN 0403 5/22 w/"Hotel California." Rather late in season for this one. (NHP-BC)

710 KERE CO, Denver 5/6 0341 good w/"71 Country KERE in the Mountain High City." Into sports, then C&W mx. (SMM-29)

730 KSVN UT, Ogden w/CKLG off, this heard fairly well w/s/on 0800 5/1, no SSB. According to SR maps, this was on 55 w. psa. (NHP)

730 CKLG BC, Vancouver noted off 0715 5/1 but kept switching on OC. XEX and TT (not CKLG's) occupied the channel. CKDM w/MB nx after 0730. CKLG also off MM 5/8 until 0755, also not there 0450 5/15. (NHP-BC)

740 \*KCBS\* CA, San Francisco 5/17 0300-? Now has a SP Tues. night/Wed. morning, noted 2 weeks in a row, so may become regular! Hooray! Now a MM & Wed. morn. SP. (RW)

740 \*KBRT\* CA, Avalon 5/29 0309 noted w/TT u/KCBS OC. (RW-CA)

750 KFQD AK, Anchorage 5/8 0334 first time heard since Feb. 1977, rr mx, hard to hear through KCBS-740 OC. (RW-CA)

750 \*KXL\* OR, Portland 5/29 0510 noted on w/Jazzy mx, occasional TT, won't send report. (RW-CA)

760 \*KFMB\* CA, San Diego 4/17 0445 w/ET, rock mx off & on w/OC, WJR heard u/KFMB's OC. (ASL-CA)

790 KGHL MT, Billings 0331 5/7 fair w/ID, pop mx. (MB-29)  
 +5/7 0357 ID as "79 KGHL in Billings," then into pop song, "You're in My Heart." Fair u/o KABC & unID. (SMM-29)

(KGHL) TT not heard this month, may have also switched o/to 2nd MM, as the others did, but is apparently 24h. now, SP: MM 0230-0300, then back on w/RS. (RW)

850 KOA CO, Denver noted w/open line show MM 5/1 0555 o/u KTAC. Oh well, KTAC ruins the channel anyway, hi. (NHP-BC)  
 +5/22 did not s/off as of 0525 check! Let's hope that this isn't a trend. (MB-CA)

850 CFVR BC, Abbotsford 6/1 0020 phone call w/lady "up in Salmon Arm," DJ said "down here in the Fraser Valley," 0021 promo ment. "CFVR" twice, then back to MOR or pop mx. Good at times, but o/u potent partly-nulled KTAC; no sign of KOA at this hour. (BH-WA)

890 **KBYE** OK, Oklahoma City 0721 5/7 fair w/relig. pop/MOR mx. (MB-29)

910 **KPOF** CO, Denver 5/7 0059-0101 "Behind the News w/George S. Benson." ID at 0101 as "Christian Radio KPOF." Fair. (SMM-29)

910 **KCJB** ND, Minot 5/7 0708 SID suddenly popped out while listening to KALL! Nothing else heard. Poor. (SMM-29)

910 **KALL** UT, Salt Lake City 5/7 0707 C&W mx w/SS QRM. Fair to poor. (SMM-29)  
 +5/27 0536 finally, the last 910'er I needed other than KIXI; o/XEAO w/KNEW totally nulled on strange night, not enuf for report as only "Call 91" heard. Maybe someday again. (RW-CA)

920 **\*KOLO\*** NV, Reno 5/29 0306 noted w/TT well o/ KORK. (RW-CA)

930 **\*KHJ\*** CA, Los Angeles 5/29 0416 o/u KSEI w/ 1 kHz TT. (RW-CA)

930 **KSEI** ID, Pocatello 5/6 2305 good w/"K-See" ID, pop mx. (MB-29)  
 +0417 5/22 poor in mess (no KHJ this MM) w/"Music 93 KSEI" and into spot for library. (MB-CA)

940 **KMGX** AZ, Tucson 0002 5/7 good w/local nx. (MB-29) (Note new call, ex-KHOS.--NH)  
 +0428 5/22 poor w/KFRE w/"Magic 94" ID, pop mx. Who is this? (MB-CA) (It's KMGX!--NH)

940 **CJIB** BC, Vernon 5/1 0340 weak in KFRE null, 1st time heard w/KFRE on. (RW-CA)

940 **?XEWV?** BC, Mexicali 4/27 DD heard u/KFRE at 2118. (MFS-CA)

950 **KIMN** CO, Denver 5/7 0412 w/ID as "KIMN." Then OM DJ said "I like...the folks at KIM." Into pop song. (SMM-29)

950 **KJR** WA, Seattle 4/10 0539 w/wx plus ID. (ASL)

960 **KAYK** UT, Provo 0008 5/7 good w/Beach Boys concert. (MB-29)

970 **KOOK** MT, Billings 5/7 0035-0037 poor to fair w/QRM. Pop mx. Ad for Standard Pants in Billings, PSA for the Army, then SID at 0037. (SMM-29) (Was that a PSA or a paid commercial for the Army? They sound alike. --NH)  
 +0341 5/7 poor w/spot for Child Abuse Hotline, "KOOK we do it for you" ID. (MB-29)

980 **KFWJ** AZ, Havasu City 2036 5/6 good w/MOR mx, and spots for a locksmith and the Rodeway Inn. (MB-29)

980 **KSWC** UT, Richfield 5/6 2226-2230 w/wx (snow-showers--whatever that is!), ment. of the Beehive State, then Richfield wx of exactly 1 year ago. S/off w/Battle Hymn of the Republic. Good. (SMM-29)

990 **\*KTKT\*** AZ, Tucson 5/2 0349 testing w/1 kHz TT, into mx at 0350. Strong in KKIS null. (RW-CA)

990 **KRKS** CO, Denver 5/7 0745 s/on totally destroyed KNIN. Into EZL mx. Good. (SMM-29)

990 **KNIN** TX, Wichita Falls 5/7 0743-0745 fair w/wx and a spot for the Main Street Arcade. (SMM-29)

990 **CBW** MB, Winnipeg 5/7 0724 fair w/QRM. "24 min. after 6." TC. Into EZL mx. (SMM-29)

1010 **\*KHCS\*** AZ, Phoenix 5/16 0330-0333 noted ET'ing, long ID at end (0333) w/mention of going to 24 hours very soon. Looks like GWDXA is correct! There goes another beautifully clear freq. down the tube. Testing w/500 watts non-directional. (RW-CA)

1010 **\*KIQI\*** CA, San Francisco 5/1 0318 noted OC, on for a short time at 0330, then off again. (RW-CA)

1010 **KDJW** TX, Amarillo 5/7 0729 fair to good w/ID as "KDJW-AM & KBUY-FM in Amarillo." Into C&W mx. (SMM-29)

1020 **KTNQ** CA, Los Angeles 4/17 0335 w/talk show. What happened to the noisy rock mx?(ASL)  
 +May have gone to regular SM SP; s/off 4/30 0600, off 5/7 till 0800. New AN w/phone-in MM's. (MFS-CA)

1020 **KBCQ** NM, Roswell 4/10 0025 w/relig. program followed by ID at 0030, then rock mx; in KTNQ null. Usually KTNQ is dominant on 1020. (ASL-CA)

1020 **KDKA** PA, Pittsburgh 4/30 0600 thru QRM, fair w/KTNQ & KBCQ off. Not heard in some time. (MFS-CA)

1030 **KTWO** WY, Casper 2043 5/6 fair w/special wx statement on severe storm in the Rockies. (MB-29)

**\*KTWO\*** 4/10 0035 w/Hour of Decision, 0245 recheck and KTWO was testing w/OC. (ASL-CA)  
 +5/1 0215, 0309 noted w/TT at 0215, then testing w/C&W mx at 0309 recheck, off somewhere around 0340. (RW-CA)  
 +5/15 0354 good w/OC. (RW-CA)

1050 **KLOH** MN, Pipestone 5/7 0700 s/on w/YL mentioning that they were operating on presunrise service authority w/258 watts. Fair. (SMM-29)

1060 **KGFX** SD, Pierre 5/7 0752-0754 w/sports report and "Sports from KGFX" mention at conclusion. Poor u/KUPD. (SMM-29)

1070 **(KNX)** CA, Los Angeles 5/1 0312 noted off, nothing there except CFAX & KFDD, heard a few months ago, KNX back on at 0315. (RW-CA)  
 Off 2nd MM of April & May (4/10 & 5/8) till quick s/on & ID into nx at 0700. (MFS-CA)

**KNX** BC, Victoria 5/8 0349 creaming KNX tonite, loud & clear w/spot for Martinizing business in Victoria. Normally mixing w/KNX. CFAX puts out a great signal. (RW)

1070 **CFAX** BC, Victoria 5/8 0349 creaming KNX tonite, loud & clear w/spot for Martinizing business in Victoria. Normally mixing w/KNX. CFAX puts out a great signal. (RW)

1080 **?CKSA?** AB, Lloydminster 4/30 0607 (EDT) poss. the one u/KRLD, looping NE w/KWJ off. Easy listening mx. What is GKSA's format? (RW-CA)

1090 **\*KBOZ\*** MT, Bozeman 5/29 0529 noted poor in XEPRS null w/TT, apparently they test every MM about this time. The only thing I ever get on 1090 other than XEPRS is KBOZ. DA must point south to protect CHEC. (RW-CA)

1100 **KREX** CO, Grand Junction 2046 5/6 poor w/spot for local car dealer, into C&W mx. (MB-29)

1130 **\*KWKH\*** LA, Shreveport 5/8 0353 poor u/KRDU in CKWX null w/1 kHz TT. (RW-CA)

1140 **KRAK** CA, Sacramento 5/1 0240-0255 never noticed before, but plays automated C&W Sundays after 11:00pm PDT till 12:00am PDT s/off. Played exact same songs at exact same time this week as last week and week before. Even TC "It's 11:40 at 1140, KRAK," is exactly at 11:40 every week! (RW-CA)

**\*KRAK\*** 5/15 0418 excellent w/TT, periods of OC. (RW-CA)

1140 **CKXL** AB, Calgary 5/8 0352 slopping CKWX-1130 tonite, xlnt ex to WA, AB & Mexico. (RW)

1150 **KCKY** AZ, Coolidge 0028 5/7 poor w/ID in mess. (MB-29)

1150 **KSAL** KS, Salina 0035 5/7 poor to fair w/pop mx, 0037 spot encouraging visits to nursing homes on Mother's Day. (MB-29)

1170 **KVOO** OK, Tulsa 0052 5/7 poor to fair w/TC, wx, and into C&W mx. (MB-29)

1180 **KOFI** MT, Kalispell 5/6 2321 fair to good w/pop mx, 2324 spot for Roy Stanley Chevy-Flat. (MB-29)

1190 **KEX** OR, Portland 4/24 0331 w/wx for Oregon. (ASL-CA)

1200 **WOAI** TX, San Antonio 5/8 0717-0730 very good w/KEZY-1190 carrying honest-to-goodness public affairs talk program! (MFS-CA)

1220 **KBNO** CO, Denver 2200 5/6 fair w/s/off annts. 2201 SS s/off announcements. (MB-29)

1220 **KASY** WA, Auburn 4/27 2200 (EST) first decent catch in a few months since KORL-650 reception. Poor, but readable u/KCCS w/s/off, mention of "Radio Casey," off quickly, xlnt ex to NW tonight. Good for 250 watts at 850 miles. (RW-CA)

1230 **KAAA** AZ, Kingman spot 2054 5/6 w/spots for Mojave Sportsman's Range, Jade Restaurant. (MB-29)

1230 **KHSN** OR, Coos Bay 5/7 0213 first new catch of 1230 since relog of KKT. Topping frequency w/"Kissin" ID. Are they 24 hours? (RW-CA) (See next tip.--NH)  
 +Per questionnaire is AN-6, off MM 0300-0900. Delays Ac nx till :20 hourly. Has telephone-talk show Mon. nites 2100 & classical mx MM 0100-0300! Normal format Top 40. (BH-WA)

1240 **KPPC** CA, Pasadena 5/1 0336 topping freq. in KMBY null, KSON & XBCG under, OM talking about usual relig. topics. (RW-CA)

1240 **KSUE** CA, Susanville 5/15 2340 fair u/KMBY & KROY mess w/wx for NE Calif. and NW NV, faded out w/KMBY taking over. (RW-CA)

- 1240 \*KMBY\* MT, Billings 5/15 0232 poor on 3rd MM f/c, worse than usual. (RW-CA)
- 1240 KELK NY, Elko 5/8 0300 first time heard since Feb. 1977, poor at s/off u/mess. Murphy's Law in reverse. (RW-CA)
- 1250 KTMS CA, Santa Barbara can anyone figure out this stn's sked?? Was off Thurs. morn. 5/4 till 0800, SM 5/7 till 0930 & was already on MM 5/8 at 0830 w/SS! (MFS-CA)
- 1250 KDHI CA, Twentynine Palms 5/7 0900 till KTMS s/on. Nx for solid 1/2 hour from Ai. (MFS)
- 1250 WREN KS, Topeka 0410 5/7 fair w/TC, into Barry Manilow song. (MB-29)
- 1250 KNEU UT, Roosevelt 5/4 s/on at 0800, loud, into UPI World News, then "KNEU and Your Country Friends, w/Fred Brown's Good Morning Show." How new is this station? (MFS-CA) (Came on the air probably in early Jan. 1978.--NH)
- +0842 5/7 good w/ID, C&W mx. (MB-29)
- 1250 KWSU WA, Pullman per letter from CE, stn is now on daily 0900-0300, 5kw ND fulltime but drops a resistor in between xmtr & antenna during nighttime hours to limit radiation. See also KYAC-1250 below. (BH)
- 1250 KYAC WA, Seattle per letter from CE of KWSU-1250, KYAC still uses 5kw-ND from 0300-0900 nightly, to reach black audience in Tacoma KYAC claimed couldn't be reached w/directional rig. KYAC uses 5kw-DA from sunset till 0300 & from 0900 till sunrise in the fall & winter. Hence, KYAC should get out better to the east after 0300 nightly. (BH-WA)
- 1260 KGIL CA, San Fernando 5/29 0754 good thru KYA OC w/rr mx, several unID's under. (RW-CA)
- 1260 ?KSNO? CO, Aspen 5/29 0757 somebody poor u/ KGIL w/CBS nx, into MOR mx. KSNO listed as CBS, nobody nearer. Any ideas? (RW) (CBS before the hour??--NH)
- 1260 KVSF NM, Santa Fe 5/29 0802 only new catch of night, just seconds before KYA s/on, weak "KVSF" heard in mess, then Mutual nx. KYA had turned off their OC for about 30 seconds, leaving this one. (RW)
- 1270 KDJI AZ, Holbrook 5/6 2214 ads from the "restaurant owners of Holbrook." Into s/off w/OM saying "Owned & operated by the Navajo Broadcasting Co." (Laughs) Then more s/off info w/OM trying to hold back laughter. Into SSB. (SMM-29)
- 1270 KGUY CA, Palm Desert 2056 5/6 good ID and Bubble Up spot. (MB-29)
- 1270 KBLC CA, Lakeport 5/4 2315 s/off no SSB, good o/KAJO w/KBAM nulled. Was trying for KCVL s/off--so KBLC was a surprise. (NH)
- 1270 KTLC ID, Twin Falls 5/4 0830 good, assumed KCOK, but TC's in MDT, then heard legal ID. ID #6. Is this stn NSP? (MFS-CA) (They're off MM till 0700.--NH)
- 1270 KFJZ TX, Ft. Worth 5/7 0341 ment. that KFJZ is giving away Star Wars memorabilia by simply writing to "Powerline; c/o KFJZ, Ft. Worth, TX." Into song, then OM spoke about feelings about dying. (SMM)
- 1280 KTLK CO, Denver 0421 5/7 fair w/Led Zeppelin's "Stairway to Heaven," ID at 0423. (MB-29)
- 1280 KIT WA, Yakima 5/29 0324 this one noted on, not off anymore, apparently going NSP. This one will be a real pest here, but I'm surrounded by 1280 NSP'ers on all sides (KFYV, KJOY & now KIT, not to mention KFRN), so it won't make any difference anyway, hi. (RW-CA) (See NHP's tip in 4/29 WDXR & BH's tip in 5/13 WDXR.--NH)
- 1290 KOUB AZ, Tucson 5/29 0755 noted much stronger than normal, well o/KMEN w/Tucson wx, then gone u/KMEN. (RW-CA)
- 1290 KUMA OR, Pendleton 5/29 0758 good at s/on way o/everything, I thought they signed on at 5:30(0830). (RW-CA)
- 1290 KLIQ OR, Portland 5/2 2215-2230 good, o/KHSL w/ad for Crystal Palace in Portland, mx to s/off. New. (RW-CA)
- 1300 KROP CA, Brawley 5/6 2340 another very rare one, last heard in Aug. 1977. Topping frequency; ment. of KROP by DJ, into mx. (RW-CA)
- 1310 KQXE AZ, Mesa 5/7 0830 very quick s/on as "KQXE-AM & K...-FM." Immediately into program about Jerusalem. Good. (SMM-29)
- 1320 KOLT NE, Scottsbluff 5/7 0459 w/PSA for drug problems. Wx, ID, then into CBS nx. Fair to good w/QRM. (SMM-29)
- 1330 KFAC CA, Los Angeles 4/24 0301 w/ID, good nx program and back to usual classical mx at 0306. (ASL-CA)
- 1340 KMAK CA, Fresno o/all momentarily 5/6 0627 w/ID & nx item about the earthquake in Baja Calif. KOTY took o/immediately. (WJH-WA)
- 1340 KDEN CO, Denver 0439 5/7 poor w/Denver area sports. (MB-29)
- 1340 KQIL CO, Grand Junction 0553 5/7 poor w/ID and C&W mx. (MB-29)
- 1340 KAIN ID, Nampa heard momentarily 5/13 0203-0208 w/CBS nx & Penny Lane by the Beatles. New, but now a regular pest. (WJH-WA)
- 1340 KYLT MT, Missoula hrd ID for the first time here 5/13 0036-0039. Also rr mx & ad for local store. Fighting it out w/KOTY. Heard regularly since. (WJH-WA)
- 1340 \*KPRK\* MT, Livingston 5/8 0355 poor on Q2 f/c, 1 kHz TT u/KMAK, KRAM et al., off at 0400. Already verified. (RW-CA)
- 1340 KRAM NY, Las Vegas 4/10 0504 w/C&W mx, ID plus something about calling in the afternoon. Lots of QRN & QRM from XEAA. New here, never heard before. (ASL-CA)
- 1350 KRLC ID-WA, Lewiston-Clarkston 4/27 0313 good to very good, slight fading, minor KEEN-1370 slop, KIDN under. Good cx to Idaho, Montana & Alberta tonite. (RW-CA)
- 1350 KDOV OR, Ashland 4/30 0858 EDT very good at s/on, slight QRM from KLYD who also s/on 1 min. later, then a fight between the two, then XBZM coming thru to fight w/those two! (RW-CA)
- 1380 KGMS CA, Sacramento 4/10 0513 w/MOR mx plus ID, lots of deep fades. (ASL-CA)
- 1380 KSRV OR, Ontario 0200 5/7 fair to good w/"KSRV: Ontario and nowhere else!" ID, into pop mx. I should have sent them a reception report! (MB-29)
- 1380 KTSM TX, El Paso 4/24 0335 "This is newsradio KTSM, El Paso." (ASL-CA)
- 1390 KCEY CA, Turlock 5/29 0327 another new NSP'er, apparently; heard DJ mention he'll be there till 6am, maybe Memorial Day, but I don't think so. There goes 1390!(RW)
- 1390 KENN NM, Farmington 0154 5/7 poor w/ID, TC, into pop mx. (MB-29)
- 1390 KBLW UT, Logan 5/29 0739 poor u/KCEY w/a nx commentary. (RW-CA)
- 1390 KKOA ND, Minot 5/6 0044-0046 local ads, SID "Double K-O-A." and pop mx. My best reception of ND here ever. (WJH-WA)
- 1390 CKKC BC, Nelson finally hrd this one after 9 years of trying. Hrd 5/14 0450-0457 w/an auction sale of some kind, ID at 0457 o/all. Were they operating past regular s/off or are they AN, NH? (WJH-WA) (Normally NSP, although occasionally their automation breaks down.--NH)
- 1400 \*KXIV\* AZ, Phoenix 5/2 0345-0350 noted 1 hour later than previous due to change to DST. same 13-seconds of tone, pause, 13-seconds TT, pause, etc. ID at 0350 by OM w/mention of f/c, sounded like a Southerner. Good in KRE null, o/KBMI. (RW-CA) (Arizona does not observe DST; hence, all Arizona r/c's are one hour later on EDT than they were on EST.--NH)
- 1400 KRCQ CA, Indio 5/6 2107 good w/"14-Q" ID and pop mx. (MB-29)(MB, note call.--NH)
- 1400 KARR MT, Great Falls 5/12 0000 ID into NBC news. New here. (WJH-WA)
- 1400 KBMI NY, Henderson 5/6 0725-0746 heard w/C&W mx, frequent "Vegas Country" slogans, wx, & talk by DJ, Jim Cooper. (WJH-WA) (Wow--three KBMI format changes in three years.--NH)
- +0501 5/7 poor w/"KBMI Henderson" ID, pop mx. (MB-29)

WGSR RADIO  
POST OFFICE DRAWER 869  
MILLEN, GEORGIA 30442

WHHM

"MODERN COUNTRY RADIO"  
HENDERSON, TENN. 38340



1400 KFTN UT, Provo 5/4 0023 heard w/ID & nx for Utah Valley into mx. (WJH-WA)  
+5/7 0541 C&W mx, then mention of "High/Low Jackpots: call in & win! KFTN, Radio 14." Brief u/mess. (SMM-29)

1400 CINL CA, Princeton 5/12 0000 ID "CINL Princeton" into nx. Also new here. (WJH-WA)  
(Sure this wasn't CJNL-1, also on 1400, or a combination of CJNL-1 & CINL? Both give ID's for all their twins on the hour.--NH)

1410 KERN CA, Bakersfield 0455 surprisingly good 5/22 w/"The music you want to hear from KERN." (MB-CA)

1410 KCOL CO, Fort Collins 0151 5/7 poor w/"KCOL 1410" jingle, pop mx. (MB-29)

1410 KAHL NE, North Platte 5/7 0524-0528 "Mohammad Ali, the Black Superman" song, then "Call Radio" congrats. to the class of '78. Fair w/QRM. (SMM-29)

1420 KSTN CA, Stockton 5/6 0750-0754 finally 5/6 ID'ed something other than KUJ on 1420. Hallelujah! Heard w/DJ talk about a fruit festival, PSA for jobs for veterans, opinion talk line 948-TALK, and a song. O/weak KUJ. Very welcome here. (WJH-WA)

1420 CJVR SK, Melfort something else other than KUJ. 5/8 0158-0159 s/off w/full info. O/KUJ. (WJH-WA)

1430 KOSI CO, Aurora 5/7 0617-0618 good. Used such slogans as "Your beautiful mx station, KOSI" and "Mx for all hours of the day." (SMM-29)  
+5/7 0146 poor to fair w/PSA advising against drinking & driving. (MB-29)

1430 KBRC WA, near Mt. Vernon announcing "soon to be 24 hours" on 5/23. Wonder if that means AN-6 or NSP? (NHP-BC)  
+5/31 0328 - looks like "soon 24 hrs." has already started, Nick, hi. On RS w/rr mx, YL anncr, KARM nulled. 0331 ID as "KBRC, near Mt. Vernon," & into sports scores & wx. The KARM/KBRC combination should ruin 1430, drat. (BH-WA)

1440 KUHL CA, Santa Maria 5/6 2239 poor to fair w/KPUR w/ID & spot for Wheel & Tire Center. (MB-29)  
\*KUHL\* 5/8 0643-0654 testing w/ID's & rock mx. (WJH-WA)

1440 KPRO CA, Riverside 5/6 0759-0801 s/on into network nx. Good, o/all. Another new one. (WJH-WA)

1440 KEWI KS, Topeka 5/29 0748 fair thru KUHL CO w/rr mx, isn't this after Topeka sunrise? (RW-CA) (Yes, so they were using day power of 5kw beamed at you. --NH)

1440 KKXL ND, Grand Forks 5/14 0616-0620 ID "Musicradio KKXL" & mx. Also new here. (WJH-WA)

1440 KPUR TX, Amarillo 5/7 0609-0610 ID from YL as "14 KPUR." Then PSA for the public library, into pop song. (SMM-29)

1440 unID Instrumental SSB noted 0705 5/3, but no speech was readable in the mud. An odd s/on time--a daytimer? (NHP-BC)

1450 KEST CA, San Francisco 5/4 0644-0646 ID and mention of worship services in San Francisco. New & completes S.F. for me here. (WJH-WA)

1450 KYOU CO, Greeley 0141 5/7 poor w/ID, C&W mx. (MB-29)

1450 KQDI MT, Great Falls 5/7 s/on KQDI "Super Q" ID into nx. (WJH-WA) (Time?-NH)

1450 KEYY UT, Provo 5/4 0638-0647 heard o/all w/ Lee Kelly DJ, PSA for Utah Lung Assoc., "key hitline" 373-1450 & rr mx. (WJH-WA)

1450 \*KDXU\* UT, St. George 5/1 0225 noted in new DST time slot. Solid tone till 0225, then occasional tones till 0230 w/ID & off. (RW-CA)

1460 KENO NV, Las Vegas 2111 5/6 good TC, pop mx requests. (MB-29)

1480 KBEA KS, Mission 5/16 0343 heard 10 min. after KHCS reception, topping freq. w/ Herb Jepko. O/KWIZ, KVAN, KLEO. New, Kansas #12. What a night! (RW-CA)

1480 ?KVAN? WA, Vancouver 0458 5/22 poor to fair in KWIZ ABSENCE w/tail end of pop mx program, possibly syndicated & title which sounded like "Scam." A MN address was given at the very end. At 0500 there was a possible KVAN ID & then a relig. oriented program began w/YL & OM anncrs. playing 60's love & relig. type pop mx. How about it, NH? (MB-CA) (First one could be "Scan," 30-minute weekly Amer. Lutheran Church program of pop mx & relig. thought. Their address is in Minneapolis. --NH)

1490 \*KCUZ\* AZ, Clifton 5/8 0326 poor on f/c u/KVAC test. 1 kHz TT, one ID at 0330 then off. Strange to have AZ tests one hour later than before, but better as after midnight the freq. is much clearer. (RW-CA)

1490 KICO CA, Calexico 2113 5/6 fair w/Mexican mx. (MB-29)

1490 ?KRNRF? OR, Roseburg 5/29 0330 unID C&W noted o/u KDB, may be KRNRF. Did they drop that talk show? Thought I had KAIR at first, but they're beautiful mx. (RW) (KRNRF sometimes plays C&W while waiting for callers on the talk show.--NH)

1490 \*KVAC\* WA, Forks 5/8 0325 fair to good on f/c, definitely 2nd MM test now. Code ID's well o/KDB & KRNRF. Apparent pattern of 1 code ID, about 1 min. of tone, then 1 code ID, etc. O/KCUZ test. (RW-CA)

1490 KLOG WA, Kelso per questionnaire has extended nightly s/off to 0500, still Top 40 mx. (BH-WA)

1490 KENE WA, Toppenish per questionnaire is not 24 hours anymore as shown in 1976 NRC Log. Daily sked 0830-0130; Sun. 1020-0000. Uses SS prog'g nightly 2130-0130, automated C&W all other hours. (BH-WA)

1500 \*KXRX\* CA, San Jose 5/25 0305-0500, 5/26 0305-0400. Noted totally off except OC 5/25 0305-0400. Weak mess of much. (RW-CA)

1500 KROQ CA, Burbank 5/26 0321 good w/"15-K-rock" ID's, well o/KSTP & a new Mexican, XERH. (RW-CA)

1500 ?WTOP? DC, Washington 5/26 0327 unID in there w/some type of talk show, definitely not KROQ as they were in good, not KSTP as they were mixing w/unID, not XERH as talk wasn't SS. WTOP listed as nx. Possible? (RW-CA) (WTOP is supposed to be off at that hour.--NH)

1510 KNSE CA, Ontario 5/9 1800 SS ID's as "Radio Quince ('keensay')," legal ID on hour as "KNSE, Ontario." That this station, ex-KSOM, was going to be KKAR, the KNSE-"Quince" is quite appropriate as "Quince" is SS for "15." (MFS-CA)  
+5/26 0335 caught in KGA null w/new SS programming, new call. (RW-CA)

1510 KDKO CO, Littleton 0119 5/7 good w/ID, pop mx. (MB-29)

1510 WLAC TN, Nashville 4/24 0716-0823 my most wanted station! In KGA null, KNSE testing periodically. (MFS-CA)

1510 KGA WA, Spokane 4/30 0600 s/off at 0200 PST, the hour time changed to 0300 (PDT). Listed s/off is 0300 PLT. (MFS-CA)

1530 \*KPFK\* CA, Sacramento 5/29 0504 very loud w/TT. (RW-CA)

1540 \*KKAP\* CA, Aptos-Capitola 5/29 0533 noted ET'ing, occasional tones, but mostly OC. (RW)

1550 KUAT AZ, Tucson poor to good 2159 5/25 in null of XEBG w/spot for KUAT tours, 2200 editorial, 2214 KUAT TV programs, s/off announcements. This station is run by the Univ. of Arizona. (MB-CA)

1550 KQXI CO, Arvada 0800 5/7 fair w/s/on, into nx. (MB-29)

1560 KKAA SD, Aberdeen 0729 5/7 fair to good w/ID and relig. MOR mx. (MB-29)

1560 \*KGHO\* WA, Hoquiam 5/29 0543 on & off all night w/FM simulcast, my unfavorite ET. Back on again at 0607. (RW-CA)

1560 KDFL WA, Sumner 5/29 0835 luckily KGHO turned off that ET, leaving 1560 open for this one again, heard last week as well, but then it was new. (RW-CA)

1570 KLOV CO, Loveland 2209 5/6 good w/comments on snow depth, 2210 TC and mention that it was still snowing hard. (MB-29)

1570 CKTA AB, Taber 5/1 0354 xlnst w/"10-90 Check" slogan, wx for southern Alberta. (RW-CA) +5/29 0401 noted w/ID "We play it for you--on Check ninety six!" The 96 part puzzles me. CHEC-FM is on 100.1, although CPAC, Calgary is on 960, but no relation whatsoever. What goes? (RW-CA) (They usually say "Ten-ninety-Check," relaying CHEC-1090! Could that be what you heard?--NH) CA, Santa Monica noted s/off 0329 5/22, earlier than usual. Carrier stayed on. (NHP-BC)

1590 unID 5/6 2356 C&W mx, w/election returns for Texas. Poor signal. (SMM-29)

1600 KLAQ CO, Lakewood 5/6 1150 hard C&W, then finally a "KLAQ" ID. I really suffered to ID this one, hi! Good to xlnst. (SMM-29)

1600 KASH OR, Eugene-Springfield per my questionaire to them, now has a SP for maintenance MM 0400-0600! Also, KASH joins KPNW-1120 & KUGN-590, and maybe others, in giving "Eugene-Springfield" ID's on the hour. (BH-WA)

1600 KZON CA, Santa Maria 5/15 s/on 0900 atop QRM w/SSB. Man in EE w/hvy SS accent gave s/on anmts in EE, then SS, adv. for Olds dealer & into SS programming. (DKK-CA)

Welcome to WDXR, Steve. You had a fine first report. I've put "29" after the initials for SMM & MB for DX they did from the Beverage party at Twentynine Palms, CA. I've also added something new: parentheses () around the call letters of stations that were not heard. That way you can see at a glance that a certain station had been off. If you like the idea of the use of parentheses let me know. You may have noticed in "Reporters For This Issue" that Bill & I have joined the ranks of "frog" owners. I've yet to hear a new station on it, though. Due to a change of deadline at HQ, the next WDXR deadline has been moved to MONDAY, June 26. Let's hope for another long WDXR then. Happy DX!

**eastern dx forum**

John Zondlo  
6617 Maryland  
Hammond, IN 46323

DEADLINES: 6/24, 7/23.

John Clemmer-2937 W. Gilbert-Peoria, IL 61604  
WMDB 1470 Peoria is now on AN. I am unsure if they are NSP. They did s/off at 0206. I had a real nice time in Alabama over spring break. I met Chris Baskind and Robert Forsman at Chris' house in Pascagoula, Mississippi, for a small GTG of DXers. WLIQ 1360 Mobile, Alabama, IDs at "136-Q". WUNI 1410 Mobile IDs sometimes as "WUNI", pronounced as one word. WUNI's transmitter and 2 towers are on Highways 90-98 on Battleship Parkway, a couple miles east of downtown. These two towers are almost in Mobile Bay, probably to help increase the signal strength as the ground conductivity is very poor down there. I'd hate to DX down there with all the Cubans and Mexicans. WMDB was off 4/27 during RS from 2023 until at least 2105, back on at 2125. 2 new stations heard were WBNS 1460 and KARE 1470 from KS. Will be at WTFDA convention in Louisville. Would like to go to Portland for IRCA, but am not sure if I can make it or not. Go Cardinals. Good DXing and 73.

Larry V. Flegle-3310 17th Ave.-Sheffield, AL 35660  
Hey guys, I need your help. I need air checks from Gospel music stations. I don't want preaching programs. I need music, commercials, promotions, etc. No DX since the weather changed. I will be getting ready with new antennas for the fall, soon. Y'all take care. 73's

Dr. Richard E. Wood-Boyd Hall-Plymouth State College-Plymouth, NH 03264  
This is to reintroduce myself as an old-time IRCAN and to announce my purchase of a house in an apparently good DX location and intent to reactivate on MW when I move in. It is to the south side of Ashland NH, south of Plymouth on the other side of I-93. I have an acre of hillside with a southerly exposure, off a quiet deadend country road. Extension of antennas onto adjacent property is a possibility. My equipment at present is a Drake SPR-4 and a Hammarlund HQ-180A currently with a burnt-out transformer, but I'm always in the market to upgrade my equipment. No DX to report at present, as I have not yet moved. I

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get occupancy in about a month. When I do, I'll be leaving for Europe almost immediately so may not be able to report until around September. Am active on SWBC, TV and FM DX also. I am Associate Professor of Languages and Linguistics here at PSG. John Allchin's fine report from Te Araroa, New Zealand, in the April 29 DXM, brought back memories of my DX from Hawaii, 1967-70. All stations reported by him were also heard by me in Hawaii, except ZK2ZN, Alofi, Niue 620. 73.

Mike Brooker-245 Old Forest Hill Road-Toronto, ON M6C 2H5

Well, it looks like IRCA has another mini-controversy going, this time it's about the abbreviation for Quebec. As most of you know, since Rene Levesque's Parti Quebecois came to power in 1976, there has been a possibility that Quebec would separate from Canada and become an independent country. "PQ" is FF for "Province de Quebec". Naturally, Quebecers who advocate separatism would want to eliminate the "province". Incidentally, the '78 Quebec license plates say "Je Me Souviens" ("I Remember") in place of the old slogan "La Belle Province". Enough for national unity, now on to DX.

I think there is a new song on the charts called "Auroral Nights". On May 4-5 the A-index was 50!! There was absolutely no skywave reception. Even WQXR, which is always the strongest 50kw'er (they must beam this way), and can even be heard in the daytime, was creamed. This was combined with frequent solar flares which wipe out propagation on the SW bands. It's just as well that conditions are lousy right now, because with the Leafs in the semi-finals for the first time since 1967, I have had zilch time for DX. For IRCANs who are SWLers, game two in the Leafs' semi-final against Montreal was carried live on AFRTS, relaying Foster Hewitt's CKPH play-by-play. Foster began his broadcast with the traditional, "Hello Canada and hockey fans in the United States," and then added, "...and hockey fans listening around the world on American Forces Radio." In the verie department, v/1's from WANB-1580 and KQXI-1550 included a plastic litter bag. They must think that DXers are messy (hi). Steve Apel- there is a 10kw daytimer in Mississauga, a few miles west of Toronto, CJMR-1190. They are under the same ownership as CHWO-1250, so they could test by simulcasting CHWO. I don't think they will go AN on 1190, as WOWO blasts in here at night. To the BARF gang- get out and support those Oakland A's. 2,000 for a game is disgusting. If the Blue Jays were in first place, you couldn't get near Exhibition Stadium. Enuf said, 73.000001's (to eight significant figures) de MB.

Scott Mentzer-Route #3-Tylertown, MS 39667

Once again, greetings from "QRN-Land" (and that's just about the state of conditions in these parts for the past two months, hi). DX (and I use the term loosely, hi) has taken somewhat of a nose-dive around here lately, mainly as a result of a slew of non-DX activities. After years of hard labor, I finally get "sprung" from "Leavenworth-South" (...er, I mean Tylertown High) this coming Friday (5/19), and a multitude of last-minute assignments, school banquets, and random social gatherings (a nice way of saying "creative boozing", hi) have all but brought any DX to a screeching halt. (The old receiver is beginning to sport a new set of threads - cobwebs, hi.) This, in addition to abominable conditions - the worst I think I've ever seen, has produced an absolute zero for new loggings since 3/27, and it's beginning to look like this "slump" is likely to continue for goodness only knows how long. Needless to say, they're no catches that "howl for Academy Awards", and it has been so long since a verie has made it in this way that I hardly know what those things look like anymore. However, I finally did receive a v/1 from WMET - one of my better catches over the past season, as well as a few others which include: KUOA, KLTR, KBOK, WOZK, WHHM, and KVIL (all v/1) in addition to a very unique v/f from KVRN for a report sent back in January of 1975!! Well, it looks like code IDs on tests are apparently - - - - - after all; I noticed WAKE using them on a very professional-sounding (but, alas, unlisted) DX Special of 5/15, not to mention a few of the r/c boys, and I haven't heard anything about the FCC's siccing their big bloodhound on any outfit for a so-called "code



violation". As I see it, that's exactly the way it should be; certainly, there's no harm done by using a little bit of code as a complement to a legitimate voice ID, and its help to the DXer all but lost in a "QRN/QRM jungle" is invaluable. (Without code IDs, I'd still be looking for my first OR catch.) As for voice IDs during tests, I'm not conversant with the FCC regulations, but it has always seemed to me that the true mark of the professional engineer is the giving of an ID at a specifically designated time (or times) every hour; the CEs at WENC (every hour on the hour) and WGTW (20 minutes after each hour and 10 minutes before the next) immediately come to mind. For those dudes who don't bother to say "boo" after three hours or whose sole ID consists of the word "testing", here's a "Rebel Bronx cheer" - "Brrraaah, y'all", hi. Oh well, looks like that's just about it for this time; like they say in the song, "Fidel to the left of me, grizzlies to the right, here I am, stuck in the middle with WHO." Catch y'all later. 73 de SAM.

Mike Sapp-1902 York Drive-Woodbridge, VA 22191  
Hello again. Haven't done a lot of DX lately, but the conditions have been ever changing. A couple of days ago things were really auroral. WNBC, WABC, and WCBS, all of which normally bomb in here, were almost inaudible. Too bad I didn't have time to exploit the situation. As usual, with the coming of spring and increased business, I work more hours. I just received the new Palomar Loop Antenna. Pick-up is good, but not as good as the Radio West ferrite loop or the SM-2. Nulls, however, are very good. Tilting and rotating are very easy. It is also very professional looking. You can buy loop heads for either VLF, BCB, or shortwave 1.6-5 MHz. I think overmodulation of some Top 40 stations is ridiculous. WPGC-1580, a daytimer at 10,000 watts, about 50 miles away from this QTH, splatters all over the weak ones on 1590 during the day when they play music. This is even on the R-390A and mechanical filters. They don't really come in here super strong, either. Since I usually listen to C&W stations for entertainment, I know they don't splatter near as much as the Top 40 stations do. The FCC should check into some of these stations. A new receiver has been added, as well as a big hole in my pocket. I just received an FRG-7 as modified by Grant Manning. It has dual 2.9 kHz Collins mechanical filters, switchable AGC, VLF converter, and a digital display. Extra gain was added to the IF because of the mechanical filters. A station will increase more than 10dbs when the 2.9's are switched in. While I have only had this receiver for a few days, I think I may end up liking this one better than the R-390A. Time will tell. Hope everyone's static level is low and best of DX. 73.

Pitt McNeil-3723 T. St. NW-Washington, DC 20007  
Out of my 2,060 page long Anthology of American Literature, I found one redeeming passage that I thought I'd share with you. It's taken from Robert Lowell's "91 Revere Street" and is set circa the mid-to-late '20s in Boston. "The den's one adornment was a ten-tube home-assembled battery radio set, whose loudspeaker had the shape and color of a Mexican sombrero. The radio's specialty was getting programs from Australia and New Zealand in the early hours of the morning." I guess those really were the days, hi. I got a recent schedule from RAI, Italy, for the period May-August '78, and found Roma 2 listed on 846 kHz (354.6m) and Milano 1 listed on 900 kHz (333.3m). Whether they are really on those frequencies or not, I don't know, but if so, they're really jumping the gun for the November frequency change. And there goes any chance for hearing Milan, too. I finally got in a little BCB DX'ing recently, and conditions were awful. Matter of fact, they still are. WCBS has been in the mud all week, hardly ever a clear signal. In fact, they get out about as good during the daytime as they do at night, of late. The jump in geomagnetic activity has not enhanced Latin reception at all, either. All around lousy conditions. Would anybody be interested in a QRL (Quick Reference List) of SW parallels to MW stations in Latin America/Africa/Asia? I have a good working knowledge of active stations in the Tropical bands, where I do 90% of my DX'ing, and would compile such a list if there was interest, to be published in DYM. And speaking of shortwave, if you're frustrated at not being able to hear Luxembourg

1439, like me, check out 6090 kHz around 0100 GMT for the high power relay of 1439, complete with commercials and all. And if you have the chance, listen to WLMD-900, in Laurel, MD; it's the best BCB station on the band. Lesson for the day: 73 means "Best Regards". 73's is redundant. Best of 73's is redundantly redundant. Best of Best Regards's's.

Denis Beauregard-2425 rue Saint-Antoine-Lachine, QU H8S 1V9

Hello folks. It's been a while since I wrote to this section, so I'm back. Facts why I didn't write to this section are simple: school is first, and CDXQ is second. (Remember the "Parlez-vous francais?" P. 422.) I put most of my creating energy, hi, to make a great club (in FF DX'ing) of CDXQ (that is Le Club des DXeurs Quebecois). Now I can take some time, as school is ended till September. My MW DX activities were slowed by a frequency-meter! The fq-m is great on SW, but not so useful on MW, except with foreign. About that ultra-modern instrument, I would like to ask other users for information. Do you have QRM from it? I must say I designed it myself (but the amplifier at entry is from PE) without PCB, but with perforated board, wire, and socket. That's not the best way, but it works. Next one will be better. (If it isn't, it isn't the next). Also, the box is in wood and about 6"x5"x4". For the price, I won't complain more. Now a new abbreviation, fq-m, as it is not in the list. My answer to Charles Taylor: sure you're right about all these changes. They may be confusing, but that is modern progress, you know. So, you should follow. In fact, I suggested only one change in this list: QU. Just to respect the spirit of the list, name of the place and not its actual status. So what would happen if Quebec changed its status (actually a province like any other in Canada)? In 1979 there will be a referendum on that question to get a special status. So Quebec could become the only non-province, and the only one with province in its name!!!! (Was I too far from DX in this sentence? I'm sorry if I was.) That is no-nonsense, I know, but the joke is, hi. Also, Charlie, you forgot some more abbreviations: JJ for Japanese or Joual (FF in Montreal area for many people)(In fact, I talk one, you the others, hi) and, why not SS for Spanish or Slang (EE in Montreal area). Should I translate to KK (Kentuckian, that is) to help you understand? Please, don't ask me that, as I don't speak KK. I don't know if you're also active on SW (as SWL, not INP) but, do you ever hear BBC beginning a program in Vietnamese? They begin with VVV, then in VV. Finally, they V (if you write, naturally, hi). I'm not really serious, you all know, in EDXF I mean. Is that the end of my forum? No, it is not. I will be at the ANARC convention here in Montreal and will surely meet some other IRCaers. There is a possibility of a French workshop session. I will be in CDXQ delegation, and will surely see some other IRCaers, and, why not, some NRCers. (I'm not in NRC, hi.) Now, it is truly the end. I don't write often, but I write longer. So, arriverdachi, sayonara, auf wiedersehen et au revoir. 73.

Bryan Lee-P.O. Box 69-Brooklyn, CT 06234  
Well, I finally went out and bought one of those Realistic TRFs and was immediately pleased and somewhat amazed with its performance. At the time I am writing this, I have 21 new catches on the TRF (12 were received in less than 24 hours!!). Some of the new catches should be in EDXR. All of these new catches were received without an antenna of any kind externally attached to it. The best catch on the TRF was 640 WHLO Akron OH, a one kilowatt station! I am now waiting for them to verie. The incoming mail has been slow around here lately, with the only verie coming in from 1370 WDEA in Ellsworth ME. My total stations heard is climbing. At present, it is at 276. Hopefully I will reach 300 by the end of June. For the last two weeks I have been in touch via the post office with Bob Steadman. He has been a big help with all of his suggestions for hearing WI, MS, and AL stations. Unfortunately, I have not heard any of his suggested stations. I'll probably have to wait till fall to hear any of them. Nonetheless, thanks Bob. One last note about this new little controversy brought up by Brian Sherwood- I wad it up in a ball, hi! 73s Bryan.

Gerry Thomas-2355 W. Michigan Ave., #460-Pensacola, FL 32506

It has been a while since my last forum--ample time for everyone to have recovered from the boredom, hi. The weather down here has finally changed from uncomfortably cold to uncomfortably hot, but it's a welcome change nonetheless. My fantasies of spending long, warm nights DX'ing on my out-in-the-middle-of-nowhere Beverages were dashed when I discovered that my listening post had been taken over by a family of pygmy (misnomer) rattlesnakes. Since I have what I consider to be a healthy--make that robust--fear of snakes and, since I couldn't find any neck-length snake boots anywhere, it's back to the air loop. I did, however, add an ICM BAX-1 rf amp to the loop and it's turned out to be the only one of 4 amps which I've tried that I like. The gain with this amp below 1 MHz is about 6-7 S-units (FRG-7 dubiously measured). Unfortunately, the amp doesn't differentiate between target signals and QRN, so now I suspect that I'll be experiencing a static-induced hearing loss before long, hi. I had an unexpected DX mini-experience last weekend which was kind of interesting, even if it was nonproductive. It seems that an errant hot air balloon (ala Phineas Phogg) crash landed behind my apartment building (honest!) and after some talking with the "pilot" I found myself and my TRF floating above the rooftops. Unfortunately, my concerns about the lack of control over our course direction, my bladder contents, etc., made DX'ing impossible. Still, I'd like to try it again sometime. Oh yeah, Paul Mount--"tweaking" is aligning the RF and IF stages and can be done by ear (write for the how-to). Also, kudos to Chris Baskind for his excellent showing in the MS state finals of the high school science fair. His project? MW AM signal propagation. Finally, still awaiting the QSL's from the KPAR-1190 and KNWS-1090 DX tests. They were probably aboard the plane that crashed in the bay here a couple of weeks ago, hi. 73's from Pensacola--home of pygmy rattlers the size of trains.

Gregg Allinson-908 Christopher Ave.--New Bern, NC 28560-(919-638-1969)

Dear friends, once again I mysteriously appear in the hallowed pages of EDXF. Seems keeping WRNB on the air has left me little time to write a forum or to DX of late. And with spring around the bend the usual thundershowers are making their return to this area, tearing up most hopes of BCB listening of any import. Otherwise, it is a sad commentary on the state of our club that a recent "sunshine" proposal of mine was defeated by the BoD, with all other BoDers voting against it. I'm a believer in the apparently obsolete concept of free ideas and open government, along with an informed public. But obviously all those ideas to the rest of the BoD are dead. And that is a slap in the face to all members who voted for the present BoDers who are supposed to have your best interest in mind. It's apparent the BoD feels you don't deserve the right to know what we do and prefers to deal behind closed doors on all matters that affect every one of us. In the past, this tactic has been used effectively to silence those that the BoD, editors, or president disagreed with. And from the looks of it, they have no plans to change. It's painful for me to admit, but the BoD is a clique set upon keeping itself elite and aloof from the average members that make this club what it is. But despite these things, I will continue to use my BoD seat in the best interests of all IRCAers, even if that means I continue to be the only vote on an issue. As always, my phone and address are open to anyone wanting input into my BoD decisions. Not much else, except a recent article in Billboard says ZNS-3 810 in Freeport, Bahamas, will be 5kw by end of this year. Keep 'em flying.

AM **WTHO** FM

P.O. DRAWER 900  
THOMSON, GEORGIA 30824

our reprint service "The Goodie Factory" for a nominal cost to defray printing and postage expenses to any and all members who may be interested. This would accomplish almost the same idea and be much less expensive to the club and its members.

Thank you for your time and patience in reading this diatribe. Don Kaskey E10

## EDITORIAL

FROM: Don Kaskey, Editor in Chief

I don't do this often, but this seems an appropriate time, following Gregg's forum. Going step by step, Gregg's "sunshine" proposal to the BoD appears to mean that he would like all deliberation and action on every proposal submitted to the BoD to be printed in its entirety in DX MONITOR. This would include, the initial proposal by a club member, the President's consideration and recommendation to the BoD, and the BoD's individual decisions and comments. Now, this proposal seems to have merit but it also was extremely general and Gregg's wording was rather vague. For instance, no mention was made as to how this proposal would be implemented if passed. Who would do the co-ordinating and typing of all this paperwork? Surely not the President or HQ, we have more than enough as it is. Also, a complete resume of all action on all proposals over a year's time would constitute quite a few pages in DXM. It should be noted that HQ is already fighting the battle of "the buck". Our budget for the year allowed us 6 issues of more than 12 pages. We will end up with 20. Some as you recall ran to 22, 24 and this one of 32. With this influx of material which we have passed on to you and the higher printing costs in San Francisco as compared to Seattle or San Diego we stand to show about a \$1500 deficit at the end of this volume. Fortunately the Seattle Publishing Committee was able to build us a tidy reserve to see us through the year. But next year, with the new postage rates already in effect we will have to take a stricter rein on the size of the bulletins. (More on this in the ballot enclosed with this bulletin). Thirdly if it was decided to print all the BoD action either DX material would be cut or costs would rise. Lastly, what would the interest be from our members? Gregg claims to be the champion for "the average members who make the club what it is". Who are the average members? As of this issue 50% of our members have not contributed this volume, another 25 per cent have contributed about 25% of the material and the final 25% have contributed 75%. The contributing members seem to enjoy DXM this year or so it would appear from their comments and the 100 more pages that have appeared this year in DXM.

At any rate President Portzer asked Gregg for more specific details on his proposal and was told "it means exactly what it says". From what I have been told most of the BoD members rejected the proposal for exactly that reason, vagueness and lack of specifics on how such a proposal could be implemented.

So now we have Gregg Allinson sounding like just another politician on a soapbox, shouting about freeing the oppressed, the burying or destroying of free ideas and open government etc etc. Your governing body and we at HQ also believe in free ideas and open government but we also realize their are some limits that have to be met. From comments we have received very very few members wish a return to the recent past where a member could spout off about anything that bothered him and it would be printed. Membership was taking a big drop until this practice was limited. Think how many members feelings could be hurt or ire aroused in the case of recommendations by the President for an editorship when several people were applying for the job and he had to recommend only one.

I thought it was a real "bummer" for Gregg to take the low shots he did at the BoD. Every member of your BoD is extra hard working, a regular contributor to DXM and has the best interest of IRCA at heart. If Gregg had taken the time and effort to outline his proposal with specific recommendations as to how it could be implemented his idea may well have been considered much more deeply by the entire BoD. As it appears now, Gregg is acting like a little boy running home to mother crying because the other kids won't let him play. Using such reasoning as "they're a clique" because he did not get his own way certainly seems childish to me, as well as a bit paranoid.

A thought from here that someone might pass on to the BoD if they desired is to consider the possibility of appointing a co-ordinator/typist of all the BoDs transcripts and publishing it yearly through



John Oldfield - 7135 129A Street - Surrey, BC V3W 6T4

It's been awhile. I'm still recovering. I was looped at the Seattle GTG! Uncle Bruce's loop looped me as I listened to tapes he made while on holidays in the Solomon Islands. Who'd believe he heard them on a beverage, hi. Rth: It only looked like we drank the stuff like water. The labels said "It's the Water", & Canadian stomachs are immune to the weaker US stuff. Theo D. of VB told us at the GTG that CJVB wants 50kw. They need it. KEJA & KSEM 1470 are heard nightly here in the burbs of Vancouver. Xetra is heard thru local CBU(xr is about 9 mi. W.), & Nick says it's about the same in Victoria. My last report left out a line that would make it the CKNW(not CJJC) xr site. Anyhoo, NW gives me no hassle although some in this area get an image on 1050. On 1050 CJNB is regular. Their twin, CJNS 1240 is in at times. My twin thing listed them as CJTL(a TV call). Only did that to make sure Nick was checking me, hi. Thanks to BH for retyping it all. Some of the information is rumor and guesses. If you people think it helps the newer DXer I'll try to keep it current, but the eastern portion needs help. Anyone in Ontario or Quebec? I sent the revised list to the NRC, but it hasn't surfaced. Lost? It isn't on the reprint list. Anyway, any club is welcome to it. I haven't DXed much lately, but I've found the sports RPT quite helpful in sorting out a few catches. It was fast & easier to ID most BC stations during the WHN season of Hockey. Forgot to mention my other local, KARI 550, who are no problem nights although their xr is only 10 mi. S. of here. CKFG & the new CPFC Kamloops are in well. Kari or Cari is the Van. Victoria religious voice. Canada no longer has any such stns. other than those in Newfield. My intro. as I always miss big issues: I'm a happily married (my wife's typing this) 33 & our new home has taken all my DX time minus the 60 miles I drive to work. I've DXed since '59(Edmonton) & heard over 1500; 300 have. I use(again soon) a moving-battered Trio 9R59D & 3 moving-bashed loops. Hope to put up a longwire. I'll be in PORTLAND.

BILL HARMS-N. 2213 VISTA-SPOKANE, WA. 99206  
+++++  
Hi again. DXing has been good lately. Logged a lot of new Western US stns from almost every state except WA. Since coming back from school a month ago, I've logged 27 new stns, including KEST which gives me all of SF. To all you Bay Area DXers, whoopie doo! Right Rth? (Ya mean K-PEST, hi-Rth). I still have 25 stns to go in WA, and latest logging besides KENC 665 came back last fall. I've been monitoring 1380 lately to see if I can get something new, but nothing much yet. I have hrd KOMA dominating after KSRV s/off w/NO KRKO and a weak KGMS. KRKO use to be easy here. Have they changed antenna or something. I was always under the impression that cx turn sour this time of year, instead I have noticed the reverse. (Right, the East is horrendous in Summer, WC not nearly so bad, speaking from past experiences-Rth). Last week I hrd WCBS & KDKA while reception wasn't super fantastic like it can be, it's been no worse than most Winter days. I finally logged something u/KUJ 1420 (my biggest semi-local). Not just 1 stn, but I positively IDed 3 stns, CJVR, KSTN, XEF. It just goes to prove that patience wins in the end, even thru an NSP pest. If anyone needs help w/stns in Eastern WA or Northern ID, I'd be glad to help w/any tips for info of stns in their area. My totals are now 428 hrd from Spokane. Not bad considering the small amount of time I DX and I have been DXing on portables. Since last Fall, I have hrd about 150 new stns. Enuf rambling so 73 de WJH.

NICK HALL-PATCH-3272 ALDER ST-VICTORIA, B.C. V8X 1P2  
+++++  
Well, no, I'm not going to tell you all about the fabulous new DX I've heard, simply because I haven't hrd any. Some pretty nice old DX...I've noted 2YC 660 and Malaysia1475 a number of mornings this Spring, sometimes w/good signal strength, which is nothing to complain about. Also noted WNBC 660 very briefly last MM (5/22) which is a rare visitor at best, but in May, that's DX. Couldn't keep my eyeballs open long enough to hear if any Asians were coming in later on w/those good ox. On the other hand, local cx have not been so good. CFAX 1070 has redeveloped its spur on 535, first FMing, now in full blown powerful AM. At the same time, their splatter almost equals that of 50kw CKDA. CFAX splat stretches from 1010-1120, CKDA can often splatter from 1160-1290. I'm beginning to think that the CRTG's technical standards would cause the CE of a Paraguayan pirate station to collapse w/laughter. The CE at CFAX didn't seem to friendly when I called originally about its spur on 535 (which subsequently disappeared), so I'm leaving  
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it this time at least until the middle of June when I return from Britain--it's the only way I'm going to hear a TA this season, hi. Maybe CFAX XR will have shifted completely to 535 by the time I return. In other news this month, the FCC "How to Identify and Resolve Radio-TV Interference Problems" has been received at this establishment. Unfortunately, almost the entire book is devoted to how to stop things interfering w/your TV set--such annoyances to CB listeners as TVI are not even discussed. Unless you're a TV DXer as well, I would suggest investing your money in a few beers instead (to cry in, of course). Hope to see some of you in PORTLAND this Summer; hope everybody has a good Summer at or away from the dials. 73. (Have a great time in the UK, and bring back lots of DX-Rth).

MATTHEW F SHUGART-12561 GROVEVIEW ST-GARDEN GROVE, CA. 92640  
+++++  
Hello again. It's still only mid-May but I thot I'd better get out all my mail before the Postal service increases costs to 15%. Actually it seems I haven't written a Forum in ages, but I've managed to have a showing in most of the DXMs anyway. (How much of a back-log did I have up there anyway, Rick?) (Happens every yr when we slow down on issues and Forums keep coming weekly, but you're caught up now-Rth). First order of business is to heartily welcome Joseph L Landry to IRCA and thanks, Joe, for your letter. He's my first success story, ie the first from the list of names I sent HQ from the IA files. to join! Hope you'll contribute to the club and enjoy it as much as I have, Joe. Second order of business: I thoroughly enjoyed my first-ever SCADS, 4/22. Very nice to put faces and voices to all those names (MB, DEE, GM-2 of those, SM, et al). Was sorry to have missed both recent Beverage parties in 29 Palms. (By the time you read this, tho, I promise to have been to one on 6/10). I logged KDHI 29 Palms on s/on 5/07 as tribute to the heartier-than-thou souls. WJH, when you heard an ID in SS on 1510 on 04/02, are you sure it was KSOM? KNSE took the air there on 03/20 @ 0800 as "Radio Quince" (SS for R. 15) Couldn't have been using KSOM still on 4/02, could they? KSOM use to carry SS from 9 (8?) -11 AM PLT on Sundays, but was EE & C/W otherwise. (Another good local country stn down the drain!). We also now have another gospel sound - KBRT 740 (Just what we needed!). At least it's not evangelical like all the others (ecumenical instead w/contemp gospel mx & certain Top 40 songs "chosen for their lyrical content on the good life" - sounds encouraging). ASL, is KGB 1360 regularly silent on ThM? Saw your WDXR report in #29. Also, Albert, thanks for the letter. ThM has become one of the best DX times lately. W/KNBR pwr out, KABL 960 SP 1st ThM (WHAT!!!!?) I'd better start DXing again, hi-Rth), and other DX goodies. Sat morning has also been good w/XETRA 690 off 4th SatM! Who says you can't DX in May? Thru first 8 days I already had more new catches (6) than I had all of April! Now past 270 total stns, 29 states. Rick, your answers to my quiz in 4/29 DXM were incorrect, but I won't give you the right ones yet! Give others a chance to ponder it. There was a clue earlier in that Forum. The stns are two of my locals, one AM the other FM. Also, about my boundry change/states total "problem" in 4/15 DXM...input? You know NV & CA are having a border dispute which could remove the quotes from "problem". (Though I believe both Turokee & S. Lake Tahoe would not be bothered. KOWL 1490 studios are in NV at Barrah's, XR on Ski Run Blvd btwn Hwy 50 & Pioneer Trail, further inside CA, BUT, all Casinos would end up in CA, hi!!-Rth). Mort, your comments on all the Mexicali stns were interesting, they really do have a surprising number of stns there & they all get out so !@%(\$ well! I know 10kw XED 1050 is near local quality even in Las Vegas and wipes out KREB all day in Forest Falls ("Falls" not "Home", Rick, hi! (Sound kinda grave to me, hi-Rth), only a short distance from Big Bear Valley. Finally, I saw on TV news one night a report on mayor recall drive in Cleveland, showed DJ Gary Dee at a "major Cleveland stn" supporting recall on air. Could someone tell me what stn this is? Thanks. All for now 73 de MFS.

RICK HEALD-1581 20th AVENUE-SAN FRANCISCO, CA. 94122  
Tele-Forum: (415) 665-4201 to 2200 PLT and prepaid  
+++++  
Yes Larry Nebron, there really were that many Rolls Royces in Monte Carlo, Mercedes buses to the city's 2 bus lines, and Citroen taxi cabs w/leather upholstery. And furthermore, to license your car in the Principality of Monaco, a license plate costs 40% of the retail value of your car, but then it's good for the life of your car, but then we all know how long that is in recent times, hi. I did notice an absence of good DX from farther North, like Holland, Germany, etc, and wonder if having the Maritime-Alps rising 1000 metres directly in back of us might have something to do w/that? Of course, it was TWR that I saw w/SW equip on top of mtn, not RMC, but TWR uses RMC's facilities. Did find out that local radio/media/

DX expert, Dave Tonelli had beat me to the punch. He was there a year earlier and because he knew someone, visited the XR site atop the mtn. Oh well. Missed Memorial Day QTY in SF to be w/a houseboat party on Lake Shasta. Last year, Clements & Segalas drove 160km on lake bottom, this year, the lake is FULL, like over 100 metres deep full. Took the TRF, and found a few surprises, like many more of the Bay Area stns in all day than had been expected. Listened primarily to KCLM, Redding's good country music stn til ISS s/off, KNEW was barely there after dark, and KAST made mincemeat of KEEN until former's s/off, then KEEN was quite good. The Sacramento stns were much stronger than I has expected, but aside from that, not much exiting across the band. Segalas wants to do a Beverage party on Lake Shasta, using houseboats. I think Beverage party fever has really set in, hi. I can just see it now, some poor bloke, waterskiing at 55kph down the Pitt or McCloud River, right into a beverage antenna. Would you call that headstrung, hi. Bill Barms, there is a decrease in DX to an extent in the West in Summer, and yes, there are thunderstorms in the Western mtn areas and over the deserts from time to time, but they are pussycats to what the East, and especially the SE go through during the Summer months. I've seen even the TV picture completely distorted by electric storms back in upstate NY. We are lucky by comparison. And since Spokane does have thunderstorm activity in the Summer, you might try DXing (minus a longwire, please, hi) during a storm. MFS, KBRT's format sounds very interesting. Do you have a reel-to-reel tape recorder per chance for an aircheck? Off again, this time to El Paso and Cd. Juarez 9-11 June. Complete w/trailride and campout in the desert overnite. This time the Song goes along for the FM (as well as AM) DX. As of today, 06/06/78, both the Giants and A's are in FIRST PLACE!!! I am w/the Giants this yr, mainly because of all the things Finley pulled, and to add insult to injury, the broadcasting of the games on a 10watt campus stn that couldn't be heard at the Coliseum!! They're now at least on California Country's KNEW 910, so at least I don't have to change stns to hear the As. And there's talk about a BART World Series! Both teams are doing so well because of the high number of rookies and they don't want to go back to the Minors. Go Giants Go!! See y'all in a month. Have a fantastic Summer. 73 de Rth..

**kwil** 1150 AM • 103 FM

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Highland Park  
Park Cities Bank Building  
Dallas, Texas 75205

THE TED VASILOPOULOS AWARD

Each year the club presents an award to the DXer it feels has done the most to promote IRCA and DXing. It is given in honor of Ted Vasiliopoulos, a DXer of the early sixties and charter member of IRCA. Ted was known for his concern in sending very detailed reports to the stations he verified, often sending up to an hour's worth of details. Ted also DXed on a home brew radio, and was well known for his friendly attitude.

The winner of the TVA wins an engraved plaque which reads, The International Radio Club of America is pleased to present This Award to..... for Outstanding Service Rendered During DX Season 1977-1978.

This years candidates are:

- Mark Connelly. For leadership in foreign DXing through frequent and extensive contributions to DX Worldwide.
- Bob Curtis. For work done as EDXR editor, for encouraging members to report to his column and encouraging members to help others identify their UNIDs.
- Bill Hardy. For his work as Special Features editor, typing numerous articles and writing many of his own.
- Don Kaskey. For dependably serving as editor-in-chief and for maintaining an atmosphere in the club bulletin which encourages members to actively contribute.
- Rich Segalas. For countless hours of behind-the-scenes work as publisher and financial records, handling club correspondence and sample requests, and overseeing the day-to-day running of the club.

Ballots should be received by: Bill Block, 9307 S.E. Clay St., Portland, Oregon 97216 no later than August 1, 1978. Be sure to vote!

RADIO PROGRAMMING NOTES

Editor: Bruce Goldsen  
27 Spruce Hill Road  
Georgetown, CT 06829

This issue: Broadcasting Information  
#####  
Catching-up on the mail:  
From Bob LaFore- WNEWS-790, South Miami, FL (former WFUN) new sked---  
6-10am News w/Prescott Robinson & Jack McCoy  
10-12N Mikki Dahne Phone-in Talk Show (from WIOD-610)  
12-1pm News Block  
1-4pm Stan Major Talk Show (From WDAE-1250, Tampa)  
4-8pm News w/Charles Kappes and Al D'Amico  
8-12M Neil Rogers Talk Show (From WKAT-1360)  
Overnights Jerry Wichener (From WGMA-1320)  
---Also, Larry King has left WIOD-610, winter home of the "Larry King Show," fed nationwide thru MBS.King will be in Washington, D.C. (at Mutual H.Q.) until fall, when he returns to Miami. Show is still carried on WIOD. (I hope to have a list of stns carrying the show in the near future- big)  
---Greg Monti sends the revised (as of 4/11) schedule of WOR-710, New York:  
5-10am John Gambling (MOR,tx,nx, "Rambling w/Gambling")  
10-11am Arlene Francis (talk)  
11-12N Patricia McCann (talk)  
12-1pm Jack O'Brian's Critics' Circle (talk)  
1-2pm Pegeen Fitzgerald (talk)  
2-4pm Sherrye Henry (talk)  
4-7pm Gene Klavan (MOR, bordering on pop)  
7-8pm CBS Mystery Theater  
8-10pm Bernard Meltzer (tele-tx, advice)  
10-11:30pm Carlton Fredericks (talk)  
Overnights Bob Grant (tele-tx, no-holds barred)  
\*\*\*start times of shows may be delayed due to extremely lengthy newscasts (up to 15mins each).  
---Notes in Radio: WMPS-680 Memphis went c/w March 6. KIRL-1460 St. Charles (St. Louis) MO also went c/w & 24hrs in March. KLZ-560 Denver went from pop/adult to modern c/w. Everybody's goin' to the country!!!  
---Nick Hall-Patch sends the next installment in the new "Non-IDers" portion of the show...  
550 CFJC-BC "JC-55"  
600 KSXO-CA "K-Six-0"  
690 KHEY-TX "K-Hay Country"  
740 WKIS-FL "Kiss-740"  
790 KWIL-OR "K-Will"  
800 CJJC-BC "West Coast Country"  
910 WRCQ-CT "91-Q"  
940 KMGX-AZ "K-94,Magic 94"  
1100 WWWE-OH "3-W-E"  
1190 CFSL-SK "SL Radio"  
1300 WAVZ-CT "13-Waves"  
1310 KEIN-MT "13-Keen"  
1340 WALL-NY "1340-Wall"  
1340 KWWW-WA "KW-3"  
1350 KIDN-CO "Kiddin' Country"  
1380 WOWW-CT "Wow Radio"  
1450 KEYY-UT "The Key"  
1480 KONI-UT "Conny Radio"  
1480 KRED-CA "K-red"  
1560 WBUK-MI "Big Buck Radio"  
1570 CKLM-PQ "Le Music Machine"  
1580 KDAY-CA "K-Day"  
1580 WSRF-FL "Surf 16"  
1590 WYIG-MS "WY-16"  
1600 KASH-OR "Cash"  
Thanks, Nick. Below are some additional slogans I found in past DXM's.  
1530 WHIY-AL "Hi-radio"  
730 CHYR-ON "Cheer"  
I'll have more in the future. 73 for now.

HEADQUARTERS ITEMS

Thanks to the many contributors this issue & especially Pitt McNeil, John Oldfield, Matthew Shugart & others for the clippings & articles. We've a big backlog of newspaper articles so will fit them in where ever possible. Need more station logos tho, so keep 'em coming. Scott Mentzer, you were another victim of a symptom called "HQ goofs again". Sorry and you are right, issues don't expire after only one bulletin, hi. R. Eckman thanks for the Geo Indices, we really appreciate your efforts. Robert Kramer says he's holding "Spotlight on Mississippi" in hopes of receiving more contributions...Ohas Gill regrets he must give up his post as Contest Manager..All applicants write Bruce Portzer ASAP...DEADLINE for the next issue for all columns to be at HQ is JUNE 30!!!! WTFDA Convention will be in Louisville, KY July 27 thru 29. More details later (July issue) but for more info write Ted Fleischaker, or rather call him at (502) 451-5558. I'm tired...Great Work everyone..dkk



DX

Worldwide



BRUCE PORTZER, Editor

All times GMT/UTC Deadline 6/27, 7/27

6546 19th Avenue Northeast - Seattle, WA 98115 - 206-522-2521

ATLANTIC DX ROUNDUP

1403 GUINEA, Conakry, fair w/male AA vocal 2358 5/6. Noted w/strong OC 0147 2/7. (Connelly, MA)

PAN AMERICAN DX ROUNDUP

540 COLOMBIA, Bogotá, HJKA, fair o/other SS LA; LA-style version of Beethoven's "Für Elise", the "Horizonte" ID followed by electronic organ mx 0425 2/6. (Connelly)

545\*\*\*\*\*DOMINICA, Roseau, R. Jumbo, noted back on w/usual programming 0322 5/19 and for about 3 days after that. Not noted since, so I wonder if the xmsns were only tests. (Thomas, FL)

550 JAMAICA, Montego Bay, RJR, good o/Cuba 5/6 0241-0310 w/call-in show "On the Town" & mx. by the Mighty Diamonds. Many RJR promos. (Nelson, NC)

570 CUBA, Santa Clara, CMHI, //600 w/SS talk about workers 0227 5/6. (Connelly, MA)

580 ? UNID, 5/22 segued island EE mx & US pop 0600-0645. Good til rare ID's, then faded into noise. Suspect Jamaica. (Thomas, FL)

580 PUERTO RICO, San Juan, WKAQ, loud w/fast SS talk by man about economic development & the electric co., then spoken WKAQ ID 0429 5/6. (Connelly, MA)

590 CUBA, San Antonio de las Vegas, CMW, wasting WEEI; SS pop vocal //570/600 0435 5/6. Apparently off at 0543 5/7. (Connelly, MA)

600 COLOMBIA, San Germán, CMKV, good, SS//570 0427 5/6. (Connelly, MA)

610 COLOMBIA, Bogotá, HJKL, overriding low growl w/clear "R. Suceso, RCN" ID 0432 5/6. (Connelly, MA)

610 CUBA, Trinidad, CMHU, R. Rebelde, hrd here 5/6 0353 //590/600. This is the only outlet listed. (Nelson)

630 CUBA, Santa Clara, CMHQ, atop other SS LA who mentioned Bogotá, loud w/violin mx //640 0431 5/6. (Connelly, MA)

640 VENEZUELA, Puerto la Cruz, YVQO dominant w/clear "Ondas Porteñas" ID o/bad "ticks" from Nantucket Lorán C harmonic 0556 5/7. (Connelly, MA)

650 DOMINICAN REP., Santo Domingo, HIAT atop w/local ads, ID's as R. Universal, then pop SS vocal 0514 5/7. (Connelly, MA)

660 CUBA, Santa Clara, CMHG, 1028:45 4/25; blasting in w/Cuban NA in what was surely a s/on. (Korinek, CA)

660 HAITI, Port-au-Prince, hVI, 0958-1028 4/25; Haitien? NA, then into hymn type rlgx mx in FF. (Korinek, CA) +5/15 good on 1000 s/on w/previously unnoticed IS (sounded like steel drums) & fanfare (abbreviated NA?). R. Lumiere ID & martial mx (usually rlgx), FF. (Thomas)

660 NICARAGUA, Managua, YNAM, 5/22, R. Mi Preferida ID after "Star Wars" theme 0703, otherwise misc LA mx & frequent TC's. Good. (Thomas, FL)

660 ST. LUCIA, Babonneau, R. St. Lucia, 1043-1046 4/25; weak accented EE hrd thru CMHG, then fadeout. (Korinek) t +EE choral mx hrd here 5/14 0339 looping Caribbean. Don't know what else this could be but no ID. (Nelson)

660 t VENEZUELA, Coro, YVNA, 1012 4/25 in good w/OM in SS. Lots of spots & marimba mx. No ID's tho, not Cuba. (Korinek, CA) (Marimba mx is characteristic of Guatemalan stns. Your stn might have also been YNAM or you might have hrd YVNA w/harp mx; the staccato sounding Venezuelan harps could possibly sound like Marimba mx when mixed w/noise & junk... bp)

670 CUBA, San Pedro de Caccum, CMKP, 0945 4/24 in fair w/light cl mx //880, WMAQ off. (Korinek, CA) +Possible s/on after NA or fanfare 1002 5/29, anmt began "Buenos dias..." & had R. Progreso ID; then went into operatic male vocal song. Creaming WMAQ. (Portzer, WA) +In w/Cuban theme mx & SS talk o/u Caracas 0445 5/6. (Connelly, MA)

670 VENEZUELA, Caracas, YVLL, R. Rumbos, 1002 4/24; in fair o/Cuban w/OM in SS. Hrd "R. Rumbos" ID's & ments of Venezuela. Also plenty of spots. (Korinek, CA)

680 ? UNIDS, 2 SSers o/u nulled WRKO 0449 5/6. WAPA & a YV or HJ suspected. (Connelly, MA)

700 JAMAICA, Montego Bay, JBC, bombing in 5/6 0224 no WLN at all w/reggae mx. (Nelson, NC) +Dominant w/reggae mx pgm w/accented EE ancr 0455 5/6. (Connelly, MA)

710 VENEZUELA, Caracas, YVKY, atop WOR & second LA; fast LA mx & rock, reverberated R. Capital ID 0505 5/6. (Connelly, MA)

720 CUBA/UNID, Colón, CMGN, had non-stop SS talk; other LA perhaps YVOE noted at equal level, pgm was festive LA mx, no ID's given, 0510 5/6. (Connelly, MA)

725 SURINAM, Paramaribo, SRS, loud w/"Brick House" by the Comodores 0113 5/6. Good w/EE anmt about DX test for the Malmo Shortwave Club in Sweden, EE ID & jingle followed by DD talk 0207 5/7. (Connelly, MA) (Humm...bp)

725 COSTA RICA, San José, TILX, poor-fair thru CKAC sloop; rhythmic SS vocal mx w/heavy drumming, followed by apparent "Columbia" ID 0554 5/7. (Connelly, MA)

730 COLOMBIA, Bogotá, HJCU o/u CKAC; SS operatic male vocal, R. Melodia ID & slogan "Mas noticiosa, mas deportiva, mas musical" 0514 5/6. (Connelly, MA)

735 ECUADOR, Quito, HCRG1, good w/festive LA mx, 0544 5/7. (Connelly, MA)

750 JAMAICA, Point Galina, JBC, o/u WSR. 5/6 0233 //700. (Nelson, NC)

760 CUBA, La Habana, CMCT, o/WJR w/SS talk about Cuban govt affairs, then Reloj Nacional ID & time tone 0521 5/6. (Connelly, MA)

760 EL SALVADOR, 5/8, YSKL/"Universal R." fair 0540 w/some EE pop/some LA mx. This //3 other YSKL outlets audible at same time--765(good), 770(fair), & 780 (good). No specific QTH for any even at top of hour. (Thomas, FL)

770 PANAMA, Chitre, HOHL7, 5/8 briefly atop YSKL w/"R. Libertad en Panama" ID 0559. Organ mx followed. (Thomas)

775 COSTA RICA, San José, TIW, fair w/"Sweet Talking Woman" by ELO 0546 5/7. (Connelly, MA)

800 NETH. ANTILLES, Bonaire, PJB, in EE 12/11/77 2328 said they were "discontinuing MW xmsns from Bonaire of R. Netherlands pgms" - cost was the reason given - they did not say PJB was going off their air. (Grossman)

810 COLOMBIA, Bogotá, HJCY, mx in SS by OM ancr, ID's as R. Sutatenza. Bombing in, completely wiping out WGY 5/3 0340-0344. (Townshend, DC)

820 COLOMBIA, Cali, HJED, a juggernaut here, ploughing in w/"Modello" ad, "primer (something de Colombia)", mx about Aldo More kidnapping in Italy, CARACOL ID, brassy mx, disco ad, 0528 5/6. (Connelly, MA) +5/22 0527 fair-poor in partial WBP null w/mild LA mx, 0531 "Musica de Colombia" & ments of CARACOL by SS OM. (Bixby, CA)

825.6 a? UNID, too variable to get a PFM, but somewhere around 825.55 0528 5/3. Fairly strong carrier & weak bits of audio -- mx & OM talking. Way u/QRN level tho. No sign of Titania or Peninsula on 825. (Hall-Patch, BC)

830 COLOMBIA, Medellin, HJDM leading the pack w/R. Vision ID 0531 5/6. (Connelly, MA)

850 COLOMBIA, Bogotá, HJKC, o/u other LA's, WHDH nulled w/phasing unit; brassy mx //820 0528 5/6. (Connelly)

860 DOMINICAN REP., Santo Domingo, HILR, loud w/festive LA mx. Long dissertation w/political mentions of "Balaguer - Presidente!", then more talk followed by R. Clarín ID & electronic sounds 0538 5/6. (Connelly)

870 CUBA, Guantánamo, CMDN, dominant o/low het; man & woman in SS. 0535 5/6. (Connelly, MA) +WNL w/LV & testing 5/8 0630-0825+ & this was all I got. Good w/LV de Cuba ID's & SS talk. Unid way u/CMDN w/frenetic LA mx. (Thomas, FL)

875 COSTA RICA, Liberia, TIGPH, very poor w/operatic LA mx & terrific WNL sloop; 5/2 0441. (Thomas, FL)

880 CUBA, Pinar del Río, CMAF, woman ancr & semi-cl mx has been hrd many eves these past few months after KRVN signs off. Sometimes WCBES comes in w/them but more often Cuba is alone. Have never had a clear ID as I don't understand SS that well. (Meehan, CA)

880 GUATEMALA, Guatemala, TJJ, 5/22 0453 fair-nil in KRVN null w/SS YL love ballad 0456 s/off amnts & ID, off by 0500. This one kept me wondering for a long time because of their varied format--sports on 5/18 & religion 5/19. (Bixby, CA)

880 HONDURAS, see 890.

885 t MONTSERRAT, Plymouth, ZJB, prob the one here 5/6 0329 w/wild EE calypso mx, but no ID due to WCBES QRM. (Nelson)

890 COLOMBIA, Bogotá, HJCE, beautiful sig w/WLS coming in poor 5/8 0530. Remained good the next 2 hrs. (Meehan) +Good level, clearly dominant w/LV de Bogota ID & brass fanfare 0542 5/6. (Connelly, MA)

890 HONDURAS, Tegucigalpa, 5/22 "R. Honduras" ID & full info at 0117 but SS too fast for me. MoR LA mx. Fair. Late word has it that this is R. Nacional w/a slogan change, per Baskind. (Thomas, FL) +Beautiful sig w/no trace of WLS 0800-0900 5/4. WLS was dead & only started coming back about 0915. I taped ID & played it for John Clements who I'ded it for me. Then 5/8 I hrd "R. Honduras" again but on 880 kHz at 0600 fighting the Cuban. A few hrs later Cuba was alone on the freq. Is there a 880 & 890 "R. Honduras" sharing time in the same city or did I error somewhere? WRTH shows a 10 kw & a 1 kw in Tegucigalpa on 880 & 890. (Meehan, CA) (Dunno. The two could be part of a network, or one could be a re-



lay of the other. It's doubtful that they're in the same city on a sharetime basis. bp)

900 BARBADOS, Bridgetown, CBC, ultraloud 5/6 0347 w/EE pop mx. (Nelson, NC)

900 DOMINICAN REP., Puerto Plata, HIBN, 4/27 peaking to fair level w/Art Garfunkel, tourist. spots, & ID 0945 ("This is R. Puerto Plata") in EE. SS OM DJ & soft LA mx otherwise. (Thomas, FL)

910 VENEZUELA, Maiquetia, YVRO, bombing in w/Aeropuerto mention & other ID slogans, then LA mx 0600 5/6. (Connelly, MA)

919 at COLOMBIA, Cartagena, HJAE, suspected here thrashing WJAR w/fierce het 0550 5/6. (Connelly, MA)

920 COLOMBIA, Cartagena, HJAE, 5/2 almost good 0445 w/frenziéd IA mx & many "Emis Fuentes" IDs & "Super" shouts (the not listed as a Super outlet). (Thomas)

940 CUBA, R. Reloj here 5/15 0710 but nothing listed. (Thomas, FL)  
+Reloj Nacional outlet here atop other LA; man in SS w/monotone voice reading mx. TC w/tone given every minute 0554 5/6. (Connelly, MA)

945 t ECUADOR, Guayaquil, HCDE2, probable w/disco-rock here w/bad 94h LA het 0556 5/6. (Connelly, MA)

950 VENEZUELA, Caracas, YVIG, very good (alone on channel) w/slow SS vocal, then R. Vision ID 0128 5/6. (Connelly)

970 MEXICO, México, 5/8 good in WFLA null w/"Thanks for the Memories" in SS 0700. "D-F" & "Tres" IDs. (Thomas)

995 ECUADOR, Guayaquil, HCDE2, poor in sloop, operatic male SS vocal noted 0548 5/7. (Connelly, MA)

1000 COLOMBIA, Cartagena, HJAO, fair o/other LA w/"LV de Cartagena" slogan 0048 5/5. Noted again w/same ID 0115 5/7. (Connelly, MA)  
+SS talk by OM & YL, ads, freq ments of Colombia. Ragtime mx, fair-good o/WGFL 5/3 0202-0206. (Townshend)

t +5/22 0831 fair w/spot mentioning Bogota, many "R. Sucesso's" IDs 0832 & into LA mx. KOMO off. (Bixby)

1005 COLOMBIA, Neiva, HJJR, good w/mellow inst LA mx, then man in SS w/reverberated P. Colosal ID 0116 5/7. (Con'ly)

1020 VENEZUELA, La Asunción, YVRS, loud w/Margarita ID, ix & female SS vocal 0010 5/7. (Connelly, MA)  
+0555 5/22 fair in SS w/no KDKA. (Beauregard, QU)

1030 COLOMBIA, Bucaramanga, HJDE, 5/8 presumed w/\_DZ call & tentative "primavera" slogan. Romantica mx 0720. Nil-fair w/QRN in XEQR null. (Thomas, FL)

1040 ? COLOMBIA, "Modello" ad, (misleading) ment of Maracaibo, Venezuela, followed by CARACOL ID & partial list of network affiliates, then fanfare & SS mx 0530 5/7. (Connelly, MA)

1060 MEXICO, México, XEEP, 5/22 fair w/unusual forms of LA mx (is there such a thing as "classical Mexican mx?"). Mexico ment & "R. Educacion" ID 0500. (Thomas, FL)

1070 VENEZUELA, Maracaibo, YVMA noted w/R. Zulia ID, then rustic SS vocal mx just o/cacophonous het growl 0525 5/7. (Connelly, MA)

1080 HAITI, Port-au-Prince, 4VRD, 4/25 fair w/cont FF talk & tentative R. Nacionale ID 0032. 4VEC-135 also exceptional. (Thomas, FL)

1085 HONDURAS, San Pedro Sula, HR0P, 5/15 peaking to fair w/mix of EE cw, pop, jazz, & various LA mx 0523-0600. "R. Aeropuerto" ID atop song 0555 by OM. Gone 0600. (Thomas, FL)

1092 COLOMBIA, Monteria, HJAW, good w/SS mx 0137 5/7. (Connelly, MA)

1100 ANTIGUA, St. John's, ZDK, good w/soul mx, ID as "The Super Stn, ZDK" 0136 5/6. (Connelly, MA)

1110 VENEZUELA, Carupano, YVQT, good w/ad-jingle, R. Carupano ID, SS talk by man. 0005 5/7. (Connelly, MA)

1120 DOMINICAN REP., Santo Domingo, HICN, good w/ment of "studios en Santo Domingo", ads for Santo Domingo businesses, then female SS vocal o/het growl 0138 5/7. (Connelly, MA)

1125 COSTA RICA, San José, TISHRB, 4/28 fair w/slow, moody, LA mx & fanfare leadin to "R. Ellas, R. Cadena Nacional ...etc" 0440. (Thomas, FL)

1140 ? UNID, 1029 5/1, LA pop mx in CKXL null w/TC of "4:29". Poor-good by no apparent IDs. Not hrd since. (Hall-Patch, BC) (I hrd XEMR here once w/that format. bp)

1160 CUBA, 5/9 briefly atop freq w/"victoria libre en América" & Habana ment 0230. Slow moody LA mx. No call or slogan hrd. (Thomas, FL) (Believe that should be "territorio libre..." bp)

1175 ? UNID, found a US stn, c&w stuff MM 5/15 in same time zone as Denver, fading in & out indicating it was not any local freak. 0535-0603 & apparent s/off, 3 min after local midnight. Suspected KOFI at first from 1190, but hrd them s/off on correct freq 0507. Did not sound like any variety of spur for audio was clear. Looped SE-MW. Anybody else spot this off-freq situation? (Martin, CO) (How about TIQ, which has been near here for some time now, is on GMT-6 (same as MDT), and runs EE until 0600+ s/off? See below. bp)

1176 COSTA RICA, Limon, TIQ, 4/28 averaging fair during 0500-0600 EE pgm w/Tony Bennett, Brenda Lee, Connie Francis mx & EE DJ. Full R. Casino ID (gave freq as

1180 ? COLOMBIA, often hrd here, in RCN/Radio Suceso ID 0800 5/15. This probable overnight network pgm, first hrd on 760, also has been found on 1030 & 1000. (Martin, CO) (WRTH says HJGK is the RCN outlet here. bp)

1200 COLOMBIA, Cali/Riohacha, HJNF/HJZW, both were here MM 5/15 0648-0730 when WOA I put on OC. Cali is R. Super & was first hrd here 1/16. The other HJ revealed itself w/aclear Almirante ID 0700. Bad het between these two & the vernier measures them at ½ kHz apart. No sign of YVOZ, formerly here when WOA1 was off. (Martin)

+Riohacha, HJZW, in w/nonstop SS talk, ment of R. Almirante, o/2nd LA 0152 5/7. (Connelly, MA)

1205 t CAYMAN ISLANDS, Georgetown, possibly the tester here 5/6 0620 at xint level. One romantica LA song & gone. (Thomas, FL)

1220 CUBA, Perico, CMGY, a couple of LA rock songs & other LA mx w/SS talk, ID 0128. then typical Cuban military mx followed by sporting event. Agrees w/Mark Connelly's rpt (DXM 4/29). Has CMGY raised its wattage from the 5 kw listed in FBIS 6/74? Fair-xint, SS 0110-0140. Thought I had XEB until I hrd the familiar military mx, ment of Pinar del Rio 0149 clinched this as Cuban. Wiped out WGAR at times. (Townshend, DC) (78 WRTH lists this as CMGA, Central Espana, 10 kw. bp)

1240 GUATEMALA, Guatemala, TGK, 5/15 good w/"Sunny" in SS w/upbeat LA mx. SID "R. Sensacion" 0610. (Thomas)

1346 a ? UNID, 5/6 mostly carrier here 0630 but bits of audio surfaced (beeping sounds. SS talk & very slow LA mx). Weak. (Thomas, FL)

1390 MEXICO, AM?? 5/22 0845 good w/"R. Fiesta" ID, TC for 2:45 AM & into SS pop mx. Who is this? Not listed in WRTH or FL-6. (Bixby, CA)

1410 MEXICO, México, XEBS, 5/22 poor w/Mexican mx. & R. SinFonola ID 0530. (Thomas, FL)

1420 CUBA, Baracoa, CNDX, SS talk by OM. Fair u/WRCG 5/7 0150. (Townshend, DC)

1470 CUBA, Cárdenas, CMGE, SS talk by OM, ment of Socialist Republic of Cuba. Fair-good 5/7 0231. (Townshend)

1420 MEXICO, Juarez, XEF, finally positively IDed this monster 5/6 0605-0610. Also SS rx & talk. Good fighting it out w/KUJ which was weak at time. (Harms)

1565 a ? UNID, 5/15 weak SS talk & slow LA mx 0630. Panamá s/off rptd 0400 so don't know. (Thomas, FL)

PACIFIC OX ROUNDUP

710 t FIJI, Suva, 1100 5/1, looking for W4B, hrd many ments of "kilohertz", then one as "890 kilohertz" in accented EE. This is Fiji's s/off time but couldn't pull anything definite above KMPC & other QRM. (Half-Cutt, BC (sic))

844 GILBERT ISLANDS, Tarawa, VSZL, 0724 4/17 man in EE ending "World Nx from R. Tarawa." (Grossman, BC)

870 HAWAII, Honolulu, KATM, 1002 4/27; must be the one w/FA & s/off u/WWL. (Korinek, CA)

1475 SABAH, Kota Kinabalu, booming 1151 5/10 w/US pop mx. Erratic fading seems to be the norm on this one, but even the fade downs had readable audio this morning. Also good sig 1153 5/20. (Hall-Patch, BC)  
+Nice signal on peaks, seemed to be fairly low modulation level 1111-1200+ 5/29. Had US rock mx 1111, organ rx about 1130, YL chanting of sorts followed. Annts by YL at various times, including possible ment of Kuala Lumpur 1143. (Portzer/Bythway, WA)

DOMESTIC WATCHMAN/INGER POUNCEP

1130 FL, Marathon, VOA, LV de los Estados Unidos de América. "Pure Natural Love" sung in EE, mx in SS. Xint, WHAM pushed to back burner, 5/5 0155-0200. (Townshend, DC)

VERIFICATIONS

555 ST. KITTS, ZIZ sent QSL card in 70 days for 1 IRC, signature unreadable. (Nelson, NC)

595 DOMINICA, DBS sent long personal letter from George Buckwire, Chief Technician in 26 days. Letter ments DBS has 100 w FM on 88.1 MHz, & 100 w TV on Channels 7 & 11. (Nelson, NC)

700 JAMAICA, Montego Bay, JEC, sent personal letter & FC in 19 days from Harold L. Nixon, Dir. of Engrg.

780 BRITISH VIRGIN ISLANDS, Roadtown, ZBVI, sent form letter & postcard in 19 days from E.W. Brawley, GM.

1466 MONA CO, TWR sent QSL card, sked, & rlgz stuff in 52 days for 1 IRC. (Nelson, NC, all the above)

CONDITIONS

\* Early May provided some of the finest LA cx ever hrd. The aurora noted 5/5 & 5/6 blanked domestic skip, allowing IA dominance throughout the band. In W. Yarmouth, away from large cities & near water towards IA, the possibilities of this opening were fully realized. I didn't have time to log & ID everything audible; most domestic channels had LA's on them plus numerous splits were also audible. On 5/7 the band cx became more "normal" w/restoration of some domestic skip. (Connelly)

- April-May Static Level seems to be lower than in previous years on account of apparently fewer thunderstorms than usual. Found many nights almost as clear as in wintertime. (Martin, CO)
- There must have been an aurora in high gear the first week in May as most stns from the N. were wiped out or had very weak signals while the Latinos had a clear shot to ECNA. (Townshend)

**CONTRIBUTORS**

- Denis Beauregard, 2425 Rue St.-Antoine, Lachine, QU H8S 1V9 DK-160
- Mark Bixby, 1627 Highland Drive, Newport Beach 92660 Zenith Transoceanic
- Phil Bytheway, 9722 Mary Avenue NW, Seattle, WA R-392, Wedge
- Mark Connelly, 52 Amsden St., Arlington, MA R-390A/URR, SM-2, TRF
- E.H. Grossman, 925 W. Georgia, #700, Vancouver, BC V6G 1R8
- Nick Hall-Patch, 3272 Alder St., Victoria, BC V8X 1P2 Transmogrified HRO, PET AA loop
- Bill Hurms, N. 2213 Vista Rd., Spokane, WA 99206 Realistic Patrolman 9, 150' LW
- Dave Korinek, 4769 Calle Solimar, Oceanside, CA 92054 2 R-388's, R. West Star
- Mort Meehan, 7682 North Star Avenue, Twentynine Palms, CA 92277 FRG-7, Sanserino loop
- David Nelson, 1507 Lamont Court, Chapel Hill, NC 27514 Realistic TRF
- Bruce Portzer, c/o the IRCA goony factory 4' DXer-eater, HQ-180A; flashing lights & other stuff
- Gerry Thomas, 2355 W. Michigan Ave., #460, Pensacola, FL 32506 FRG-7, TRF, amp-loop
- Bill Townshend, 4500 Conn Ave NW, #901, Washington, DC 20008 TRF

Looks like a lot of people are finding something to hear, judging from the list of contributors this time. Had a great time in Hawaii and even spent some time listening to the radio while I was there, but time and the condition of my typewriter ribbon don't permit me to tell you about it this time. Will try to have a full summary of Honolulu stns next time. Until then 73 and hope to see a lot of you in Portland! bp



Father Jack Pejaa  
212 S. Carpenter Rd.  
Modesto, CA 95351

All the bulletins came in at the same time, so we have a big column this time. Here goes...

Time. The following is a schedule of dates on which various countries change from standard time to daylight time.

- 3/19-10/28 UK and Ireland GMT +1
- 3/21-10/19 Iran GMT +5
- 3/24-9/21 Algeria GMT+2
- 3/27-9/20 Phillipines GMT +9
- 4/2-9/23 Greece GMT +3
- 4/2-9/30 Luxembourg GMT+2, Netherlands GMT+2, France GMT+8, Belgium, Poland, Spain, Monaco, Spanish Morocco, all GMT +2, Portugal and Canary Islands, GMT +1
- 4/2-10/14 Turkey GMT+3, the Ercan (Turkish?) area of Cyprus, GMT+8. The Lamaca area of Cyprus remains on standard time.
- 4/18-9/16 Malta GMT +2
- 4/16-9/30 Barbados GMT-3
- 4/23-8/26 Guam GMT +11
- 4/29-9/23 Cuba GMT-4
- 4/30-10/28 Canada (except Yukon Territory), USA (except eastern part of Indiana and Arizona which remain on standard time. Jamaica, Bahamas, Turks and Caicos, all GMT-4 Bermuda, GMT-3; Baja California Norte GMT-7
- 5/1-8/31 Syria GMT+3
- 5/1-9/30 Albania GMT+2
- 5/28-9/30 Italy GMT +2
- Dominican Republic will go to GMT-4 but dates not known. (NZDX 4/78)

Elections Watch for Latins running late following elections on the following (GMT) dates:

- June 4 Peru
- June 6 Colombia
- July 9 Bolivia
- Nov. 15 Brazil
- Dec. 2 Venezuela (NZDX from NASWA)

**TRANS-PACIFIC...**

Australia. 2CT, Campbelltown, Sydney's first part-commercial community station opened on 4/28. 4IP's license has been transferred to 2SM. (NZDX 4/78)

Indonesia. The ITU has allocated 120 channels to Indonesia for the 11/83 changeover. 68 will be used by RRI, 20 will be co-channels, and the rest by commercial stations. (Arctic 3/10)

Korea, South. AFKN Seoul is now on 550, ex 560. KBS Pohang is testing on 560, relay of 970. Now on 24 hours. New high powered transmitter? (Arctic 3/10)

Marianas. The Far East Broadcasting Company plans on building a relay station on Saipan. A 10 kw MW and two 100 SW transmitters are planned. (SCDX 1475)

New Zealand. 2ZP is now on 1050 ex 1370. 12B has not set a date to move to 1080. Tests were carried out 3/14-15 from 0800, between 1070 and 1071. (NZDX 4/78)

**LATIN AMERICA...**

Antigua. New verie signer Miss Loretta Isaac. (Arctic 3/10)

Argentina. The government has closed down LT34, R. Nuclear, 1500 Zarate and LU9, R. General San Martin, 1240, Bahla Blanca. (SCDX 1474) (See below)

LT4, R. Difusora Misiones started on 670 with a new antenna on 2/10. It will let the 25 kw station reach the NE of Argentina, Paraguay, Brazil, and Uruguay. (Arctic 3/10)

LRA15 R. Nacional de San Miguel de Tucuman now uses a new 50 kw transmitter. -1030

LT3 R. Cerealista broadcasts 1000-0500, on 1160.

LT2 R. Splendid Rosario broadcasts 1000-0700 on 1230.

LT34-1500 has been heard during January in Argentina.

**Verie Signers:**

- 560 LT15 R. del Litoral, Federico G. Drescher
- 670 LT4 R. Diff. Misiones, Blanca Wanenycia de Barrios
- 900 LV13 R. Granaderos Puntanos, Oscar Francisco Benitez
- 990 LR4 R. Splendid, Jorge S. Pegrejal (Arctic 4/7)

**Bahamas**

ZMS3-810, Freeport will increase power to 5 kw by end of 1978 (Arctic 4/7)

**Barbados**

900 Caribbean Broadcasting Corp., v/s Victor Fernandez. (Arctic 3/10)

Bolivia. Radio Batallon Colorados-1440, La Paz, recently received a new transmitter "donated" by Taiwan. This station should have been operational by mid-February. (Arctic 3/10)

R. Los Andes, 1250, v/s Jaime Rollano Momy, Director General. (Arctic 4/7)

**Brazil**

- 860 ZYJ459 R. Mundial ex ZYD68 testing with 100 kw 2/15.
- 900 ZYJ454 R. Tamoto ex ZYD73.
- 1200 ZYD65 R. Globo testing new 100 kw transmitter 1900-0430. Plans to increase power to 200 kw next year.
- 1340 ZYX20 R. Dif. Aquidauana, v/s Jack Smyth
- 540 ZYJ322 R. Sepe Tiaraju ex R. Santo Angelo has address: Rua Antunes Ribas 1600 -1º andar, Santo Angelo, RS
- 560 ZYK537 R. Capital, ex R. Novo Mundo
- 570 ZYK672 R. Dif. de Taubaté ex ZYE68
- 590 ZYK534 R. Atlantiga ex ZYB343
- 590 ZYK643 R. Ribeirão Preto ex ZYE318
- 600 ZYK275 R. Fa-roupilha ex ZNH266
- 620 ZYK521 R. Panamericana ex PRH7
- 640 ZYK547 R. A. Morada do Sol ex ZYE81
- 660 ZYK518 R. Tribuna ex ZYE52
- 660 ZYK634 R. Cl. de Ribeirão Preto ex ZYE50
- 680 ZYK278 R. Gaúcha ex ZYH67
- 690 ZYJ229 R. Dif. Londrina ex ZYE372
- 700 ZYK686 R. Eldorado ex ZYE47
- 740 ZYH746 R. Soc. da Bahia ex ZYC40
- 740 ZYJ753 R. Diario da Manhã ex ZYH95
- 760 ZYK655 R. Universal ex 680 ZYE431
- 780 ZYK695 R. Excelsior ex ZYR56
- 780 ZYL246 R. Educ. de Uberlândia ex ZYF224
- 800 ZYJ457 R. Ministerio da Educacao, Rio ex ZYD2
- 880 ZYK687 R. Bandeirantes ex ZYE239
- 880 ZYL275 R. Inconfidência ex PRK9
- 890 ZYK690 R. Gazeta ex PRA6
- 940 ZYJ453 R. Jornal do Brasil ex ZYD66
- 960 ZYK692 R. Dif. de São Paulo ex ZYE241
- 990 ZYJ260 R. Alvorada de Londrina ex ZYE54
- 990 ZYJ470 R. Nacional de Rio de Janeiro ex ZYD70
- 980 ZYH707 R. Nacional de Brasília ex ZYF262
- 1000 ZYK522 R. Record ex PRB9
- 1030 ZYK606 R. Bins R. Clube ex ZYE68
- 1040 ZYK693 R. Tupi ex PRG2
- 1090 ZYK609 R. Cl. de Marília ex ZYE92
- 1100 ZYK694 R. Globo Nacional ex PRG9 R. Nacional
- 1140 ZYK656 R. Cactique de São Caetano do Sul ex ZYE62
- 1140 ZYH449 R. Cult. da Bahia ex ZYC47

1160 ZYI202 R. Espirito Santo ex PRI9  
 1170 ZYK579 R. Educ. de Campinas ex ZYE268  
 1200 ZYK520 R. Cultura ex ZYE419  
 1210 ZYJ219 R. Universo ex ZY29  
 1210 ZYK558 Bauri R. Clube ex ZYE261  
 1220 ZYJ458 R. Globo ex ZYD65  
 1230 ZYW21 R. Anhanguera v/s Ademir P. dos Santos  
 1240 ZYK653 R. Cl. de Santos ex ZYE344  
 1260 ZYK688 R. Mulher ex ZYE245  
 1270 ZYH753 R. Brasil Central ex ZYX9  
 1280 ZYJ455 R. Tupi ex ZYD74  
 1290 ZYH450 R. Cl. de Salvador ex ZYC58  
 1300 ZYK689 R. Jornal de São Paulo ex ZYR217  
 1340 ZYA52 R. Educ. de São José, v/s Padre Jorge Basile  
 1360 ZYJ464 R. Guanabara ex ZYD42  
 1370 ZYK684 R. Cl. Hertz back on air; lost license several years ago.  
 1370 ZYK546 R. Cult. De Araraquara ex ZYE87  
 1370 ZYK661 R. Piratininga ex ZYE328  
 1380 ZYK642 R. Renascença ex ZYE206  
 1410 ZYK691 R. América ex PRE7  
 1420 ZYK674 R. Cult. de Taubaté ex ZYE210  
 1430 ZYJ200 R. Cl. Paranaense ex ZYE350  
 1450 ZYK591 R. Boa Nova ex ZYR207  
 1490 ZYK650 R. Cl. de Santo André ex ZYR73  
 1510 ZYK654 R. Cacique de São Caetano do Sul, Santos ex ZYE90  
 1530 ZYK535 R. Diário do Grande ABC ex ZYE225 R. Jornal  
 1560 ZYK622 R. Cl. de Curinhos ex ZYE219  
 1570 ZYK651 R. Ept. ABC ex ZYE442 (Arctic 3/10 and 4/7)

There are reports that all non-government SW will leave the air in near future, to be relocated in MW or tropical SW bands. Some if not all of the vacated channels will then be used for government stations. (FREMEX 3/78 via NZDXT 4/78)

Chile. All stations in the Agricultura, Minería, Cooperativa, and Portales networks operate independently, with no programs relayed from mother stations. All stations in Chile give very detailed information on address, owner, etc. at sign-off.

Licenses of 9 Cadena Radios Cooperativa were withdrawn on 1/31/78. The Cooperativa network has been reduced to the stations on 760 in Santiago, 730 in Valparaíso, and 640 in Temuco.

Clocks in Chile were put back one hour at 2100 on 3/11. Local time in Chile is now GMT-4/

660 CB66 R. Chilena does not close down at 0500, but switches over to a 1 kw transmitter until 1000/  
 1250 CB125 Nueva R. Chena, Casilla 386, San Bernardo, is a new station with 1 kw power.

1260 CC126 R. Bío-Bío uses the slogan "La Radio."  
 1400 CC140 R. Dona Inés de Suárez is now on 24 hours. (Arctic 3/10 and 4/7)

Colombia.

1200 HJLJ R. Colibri hours 1200-0700  
 1320 HJMS R. Regia now ToDelar  
 1410 HJEI power is 5 kw per station  
 1530 HJDN R. Cine ex Colibri net. (see below)

Rumor is that RCN will take over the SUPER network after the Presidential elections later this year. (NZDXT 4/78)

980 HJ. R. Punto 980 started 12/1/77. Belongs to RCN. Owner is Luis Eduardo Martilla Sammiguel.  
 1170 HJLB Meridiano 70, v/s Manuel Buenaventura D., Director  
 1310 HJTQ R. Tasajero belongs to Cadena Líder de Colombia ex Punch

1530 HJDN R. Cine ex Sistema Colibrá now belongs to Radiosistema Federal, Edificio Seguros La Libertad, Piso 12, Carrera Palace, c/Maracaibo, Medellín. Radio Popular-1440 belongs to the same company.

690 HJ CZ La Voz de Colombia uses 30 kw according to station identifications.  
 880 HJGE R. Bucaramanga now veries with a QSL card.  
 1160 HJAU Ondas del Orzeguaza, v/s Elisabeth Santos D., Jefe de Relaciones Públicas

1160 HJBL R. Aeropuerto, v/s Reyna Esper Fayad  
 1170 HJLB Em Meridiano 70, v/s/ Emperatriz Rodriguez G., Directora

1370 HJBD R. Guaimaral belongs to Cadena Super.  
 1430 HJKU Em. Kennedy, v/s/ José Vincente Echeverri, S.J., Director

1484 HJTF Ondas del Darién, v/s Manuel Cardona Agudelo, Director

1490 HJBS R. Punto Cinco, v/s Nestor G. Padilla Prieto, Gerente. Address: Diagonal 45 Numero 16-63, Bogotá.

1500 HJLJ R. Tigre, v/s José A. Rodriguez P., Director

Costa Rica.

650 TIBAS R. Monumental, San José v/s Lilia de Berrocal  
 725 TILX R. Columbia, San José. Reports in EE to CE Arnaldo Alfaro Ch.

1075 TIFC Faro del Caribe, San Jose, v/s Juan Jacinto Ochoa F., - Admin.

1160 TICA R. Columbia, El Roble, Puntarenas  
 1460 TILG R. Columbia, San Carlos ex 1500 khz.  
 1500 TILG R. Columbia, Ciudad Quesada ex 1460 khz.

Cuba

600 CMW R. Rebelde, San Antonio de las Vegas, ex 590 khz.

Dominican Republic.

540 HIBM R. ABC, new call letters  
 1140 HI.. R. Anaconda, San Juan, new  
 1200 HIBS R. Dial new slogan  
 1310 HIMH R. Real, new call letters  
 1440 HI.. R. Cayacoa, Higuey, not LF NZDXT 4/78)

R. Clarin has plans to convert the 4850 khz transmitter to a MW outlet. (ASWLC via NZDXT 4/78)

790 HIL La Voz del Trópico, Santo Domingo, Gerente: Vinicio Portalatin. Plans to increase power to 50 kw.

1180 HIBE R. Mil, Santo Domingo, v/s Julio Castillo Jimenez or Rosario S. Cavallo

1412 HIRM R. Sol, Higuey, heard here in US  
 1455 HIAC R. Util, Salcedo ex 1450 4/7  
 1597 HIEG R. Feminá, Santo Domingo heard here. (Arctic 3/10)

Ecuador

1310 HCGB1 R. Nacional Espejo, Quito is again active on this frequency.

1345 HCPS6 R. Paz y Bien, v/s Enrique Pesants G. (Arctic 4/7)

El Salvador.

770 YSKL R. Cadena YSKL, R. Universal, San Salvador: Address: Apartado (06) 1329, San Salvador. Director: René Alfonso Lacayo. On 1130-0700. News from SERCANO (El Servicio Centroamericano de Noticias) Reuter Latina and DPA.

870 YSAR R. 10, El Punto Alegre de Cuadrante, San Salvador. Address: Edificio Curtis, 53 Avenida Sur 123, San Salvador

910 YSQJ Radiópolis, Edificio San Carlos, 6º piso, Calle Poniente 3088, San Salvador

990 YSTA R. Esquisita, Colonia Alfara, Ciudad Universitaria, San Salvador; on till 0600.

1160 YSMM R. Libertad, Edificio Magaña 31, Calle Arce y 13a Avenida Sur, San Salvador, ex 1390

1180 YSVE Radiodifusora VEA, La Voz Evangélica de America, km 15 1/2 Carretera Panamericana, San Martín.

1320 YSNB R. Sensación, ex R. Recuerdos, San Salvador. (Arctic)

Guatemala

1210 TGMX R. Rumbos, Guatemala, v/s Luis Rafael Paz. (Arctic)

Honduras. A formal request has been made by the Secretariat of Information, Culture and Tourism to R. Netherlands for assistance in the field of radio broadcasting.

850 HRBS R. San Pedro, San Pedro Sula, new gerente: Orlando Ventura. (Arctic, 3/10 and 4/7)

Netherlands Antilles

1300 PJD2 v/s Vance James, Jr. (Arctic 3/10)

Nicaragua

660 YNAM Mi Preferida, closed by government for making fun of President Somoza.

920 YNW El Mundial, closed down for reporting execution of two national guardsmen by residents of Masaya. (SCDX 1474) Returned to air 2/9. Closed down for non-payment of power bill. (Arctic 3/10)

540 YNOW R. Corporación: Address: Apartado 2442, Ciudad Jardín Q-20, Managua  
 750 YNX Estación Equis, "No Hay Exito sin Equis", Presidente: A. Somoza D., Gerente: Rafael O. Cano. 24 hours a day.

900 YNRT R. Tiempo, Managua: Apartado 2735, Ciudad Jardín S-24, Managua

1050 YNLL R. Masaya, Calle Direga, Masaya  
 1260 YNABC R. Guéguence, Apartado 1929, Ciudad Jardín N-23, Managua. Director: Salvador Cardena A.

1340 YNDM Ondas Sonoras, 11 Calle No. 1112, Managua, operates till 0420.

1370 YNJD R. Fronteras, Calle del Comercio, Somoto

1500 YNPT R. Minuto has same address as 540 khz.

860 YNAV R. Contiental, Managua, closed down.

700 YNSC R. El Fabulosa Sieta, Managua, closed down. (Arctic 3/10 and 4/7)

Panamá

800 R. La Exitosa testing ex 740. (NRC via NZDXT 4/78)

550 HON31 R. Aeropuerto, Vía Espana y 11 de Octubre, Panamá

610 HOHM Circuito RPC, Edificio Chesterfield, Avenida 11 y Calle 28, 10-37, Panamá

650 HOS22 R. Mía, Avenida 6a, 28-48, Panamá

670 HOLY R. Hogar, Via Porras, 82 San Francisco, Panamá

760 HOXO La Voz del Istmo, Avenida de los Martires y Rochet, Panamá

840 HOL80 R. Libertad, Sistema Estatal Radiodifusion, Avenida Balboa, Edificio Contraloría, 7º piso, Panamá. Director: Danilo Caballero

870 HOHO R. Musical, Edificio Rochester, 4<sup>o</sup> piso, Ofic. 405, V. España, Panamá 4.  
 900 HOHA La Voz del Pueblo, Avenida 11a, 78, Panamá 1  
 940 HOX R. TV2, Via Transistmica, Panamá  
 1080 HOJ23 R. Tic Tac, Via España, Panamá  
 1100 HO. R. Mil, Avenida de Los Martires 21A-42, Panamá  
 1140 HOB49 R. Juvenil, Avenida Justo Arosemena y Vía España, Panamá  
 1210 HOE91 R. Diez, Via España y Vía Porras, Panamá  
 1250 HO. R. BB, Calle 45 y Calle Colombia 44, Panamá  
 1270 HOJ22 R. Femenina, Calle 45, Panamá  
 1290 HOS23 R. Guadalupe, Avenida 6, 28-48, Panamá  
 1380 HOJ60 Radiodifusora La Voz de Panamá, Vía España y Frederico Boyd, 6-40, Panamá  
 1390 HOL R. Atlántica, Calle 10 Sta. Isabel Y Roosevelt, Edificio Gambise, Colon  
 1410 HORS R. Super, Via Brasil, Panamá  
 1060 HOHPM21 R. Titania, Panamá ex Musical 76. Relays news from Onda Popular during the day  
 1197 Onda Tropical, Apartado 1591, Chitré, now on 1130. V/s: Manuel Elias Navarro, Gerente  
 1390 HOL R. Atlántico, Colón, v/s Mauro Garcia Suarez (Arctic 3/10)

Paraguay

665 2P26 R. Itá Pirú ex 660 heard in Argentina. (Arctic)

Peru

770 OAX8M La Voz de la Selva, v/s Eduardo Arévalo Da Silva, Sub-gerente. (Arctic 4/7)

Puerto Rico

580 WKAQ R. Reloj new slogan  
 1030 WOSO IDs as R. Mil Triente  
 1460 WFAB La Fabulosa (NZDXT 4/78)  
 630 WQBS San Juan, now 5 kw AN7 ex 1 kw; //760 and 910.  
 870 WHOA San Juan, new format 1/1 from disco rock to adult contemporary MoR. (Arctic 4/7)

St. Lucia.

1090 R. St. Lucia's new station here is a 1 kw repeater serving the southern part of the island. (Arctic 4/7)

Surinam

914 P2X RANI, transmits with 3 kw; on 1030-1900 and 2030-0200 in Hindi, Dutch, and Japanese. (Arctic 4/7)  
 v/s: Shepersad Walther Bridjkisoor.

Uruguay Local time is now GMT-3 after 3/5. (Arctic 3/23)

Venezuela

720 VVOE RVision Oriente heard with a strong signal in Puerto Rico; therefore believed to use 100 kw as planned. Station has 3 towers to south.  
 960 YVRB R. Monagas, v/s Nellys S. de Veliz  
 1040 YVON R. 1040, v/s Angel Márques M., Administrador  
 1520 YVIC R. Bonita heard here on 2/20 in DWA ex 1315.6 (Arctic 4/7)

TRANS-ATLANTIC...

Albania. The three main stations have settled down:

968 Korga 0.2 kw  
 1295 Gjrokaster 15 kw  
 1309 Shkodra 15 kw (Arctic 4/7)

Angola

1392 R. Clube de Luanda heard in Norway at 0057. (Arctic 3/10)  
 1187 Emissor Regional de Malanje, ex R. Clube de Malanje, has returned here and 4940 kHz; was silent since early 1976. (SCDX 1476)

Clandestine

La Voz del La Resistencia del Pueblo Chileno (Voice of the Resistance of the People of Chile) has been heard carried by R. Algiers in SS, between 0000-0030; on 890. (SCDX 1472)  
 Voice of the Palestinian People, presented by the Palestine Liberation Organization, Voice of Palestine, heard in AA between 1800-1900 on 1035 and 9553; news between 1830-1845.  
 Voice of Palestine, Voice of the Palestine Revolution, has announced that its programs at 1400 will be rescheduled between 1500-1700 starting in March on 1508 kHz. (SCDX 1473)  
 This station heard 0530-0630 and 1600-1800. (Arctic 3/23)

EBU Monthly Bulletin 3/15

890 A station in Cyprus heard here.  
 1062 Kerman noted with good strength  
 1088 Maikop ± 1 station.  
 1116 A new Iranian station noted here by Lisbon.  
 1187 Ustkaenogorsk  
 1197 Alexandria, 10 kw.  
 1358 Jamming still noted here.  
 1402 Tripoli finally located here.  
 1456 Casablanca  
 1485 New Malta transmitter at Bugibba, 1 kw, here  
 1504 BFBS; Nicosia  
 1515 Anamur, Turkey  
 1570 Monastir has finally settled here. (Arctic 4/7)

Finland. Radio Finland has started a daily MW news service in EE, at 2015 on 557 and 962 kHz. Features in EE can be heard after the news on Thurs., Fri. and Sat. (SCDX 1476)

Germany, East. DDR began broadcasting on 557 and 1052 on 5/17/77 from 0500-2000. (Sunspot, via NZDXT 4/78)

The Leipzig Fair was held 3/18-19. DDR Messwelle-529 was on from early morning till 1900.

Burg-908, near Magdeburg, is on the air again, on Tuesdays and Thursdays between 2115 and 2145 with procommunist program in Turkish. (Arctic 3/10)

Germany, West. Bremerhaven-935 has increased power to 5 kw. Bremen is still 100 kw. (Arctic, 3/10)

Great Britain. BBC external services will move to 647 when they lose 1088 in November. BBC R. Scotland, R. Wales, the Welsh language R. Cymru, and R. Ulster will remain on the same frequencies. (SCDX 1472)

BBC Radio Oxford has gone commercial as of 4/1; now is Independent Radio Oxford, 500 watts on 1484. Address: Radio Oxford, 242/254 Banbury Rd., Oxford OR2 7BW, England. (SCDX 1476)

Beacon Radio began 24 hour broadcasting on 2/27 for a 9 week trial period, on 989.

Radio Tees is broadcasting 24 hours from 3/1.  
 Radio Hallam-1546 is experimenting with 24 hour broadcasting for 6 weeks starting 3/24. (Arctic 3/10 and 4/7)

Greece. YENED's main transmitter is Athens-980 using 200 kw between 0545-0200 (Sat 0300) Greek time.  
 YENED-1178 Thessaloniki uses 50 kw 0545-0100 Greek time. All others are on the air 0545-1600 and 1700-2400 Greek time.  
 80% of the programs transmitted on local stations are produced in Athens. (Arctic 3/10)

International Waters.

The Voice of Peace has not shut down, but is broadcasting on 1538 and 6250 from 0400-2305 (-0100 Saturday). (SCDX 1472)  
 Radio Mi Amigo on 962 has increased power to 80 kw from 50 kw. (SCDX 1473)

Mebo II, broadcasting from Libyan waters, has definitely closed down. Hopes to be back on 1232, 1610, and 6205. (SCDX)  
 R. Caroline is planning on moving to 557 and changing to an all-EE service. As of 3/11, they were still on 962. (Arctic 3/10)

Iran. A new station has been heard in Japan around 1930 on 625 kHz. (Arctic 3/10)

NIRTV from unknown location has been heard on 568 kHz in Farsi around 1900; Quasvin moving around? NIRTV from unknown location has been heard about 0100 on 1566. Summer time, GMT +5 is now in effect. (Arctic 4/7)

Ireland. Alternative R. Dublin-1160 and R. Dublin-1183 both have power of 2 kw; on 12 hours daily. R. Dublin's address: 3, Sarsfield Road., Dublin 10. (Arctic 3/10)

Israel. IBA reported that the Kibbutz movement has asked permission to set up a network of 4 local stations within the Kibbutzim themselves to let the settlements know more about themselves and one another. (Arctic 3/23)

Italy. Milan-899 is now silent the last Wednesday of each month. (Arctic, from DSWCI 4/7)

Lebanon. Current schedule of the Christian controlled Voice of Lebanon on 886 and 6550 is 0455-2100. Address: Boite Postale, 165271, Achrafieh/Beyrouth, Lebanon. (SCDX 1471)  
 Voice of Arab Lebanon is an anti-falangist station heard with news in AA 1830-1900; probably the station formerly on 1515. (Arctic 4/7)

Lesotho. R. Lesotho is about to enter the field of external broadcasting. A Foreign Service is being planned, with funds provided by the British Overseas Development Ministry. High-powered domestic transmitters are also going to be installed. No indication whether these will be MW or VHF-FM. At present R. Lesotho operates a 1-0 kw station on 891, a low powered repeater at Mohales Hoek on 1196. (SCDX 1473)

Libya. The voice of the Arab Homeland in AA 1900-0115 is broadcast on 1484, 1250, and 1124 plus SW. (SCDX 1475)

Maldives. R. Maldives has been drifting up and down, but by early 1978 should be settled on 1500, since a new crystal has been ordered. (Arctic 3/10)

Masirah Island (Oman). The station on 1410 and 1412 is now back on the air; off for more than 6 months because of hurricane damage. (SCDX 1471)

Mozambique. R. Mozambique's domestic "A" program in Portuguese is on 737 plus SW. (SCDX 1474)

**WJDB** Radio  
 AM and FM  
 P. O. BOX 757  
 THOMASVILLE, ALABAMA 36784

Nigeria. R. Oyo, Ibadan, on 656 uses more power than listed 10 kw. The station is now on extended broadcasts, and has been observed after 2400. Breaks suggest the transmitter is being tested. Oyo is also used in the form of call letters in many station jingles, Oh Why Oh! (SCDX 1476)  
 NBC R. Yola is now on the air on 1017 with tests usually between 0600-0900 and 1500-2100. (Arctic 3/10)

Qatar. "Greater Doha Project" are 2 750 kw MW transmitters which will begin broadcasting in June to entire Middle East. Freq. not known. (Arctic 3/23)

Reunion. FR3 is using 728 according to a recent QSL. Possible schedule: 0330-2000 weekdays. (DSWCI via Arctic 4/7)

Sweden. An era of Swedish broadcasting on MW ended on 4/1 when several minor stations went off the air; 719 Ostersund, 593 Sundsvall, and 1223 Falun.

Tanzania. R. Tanzania's transmissions to East, Central and South Africa 0330-0500 and 1530-1915 now on 9680, // 15435 and 1025 khz. (SCDX 1474)

U.S.S.R.

- 647 Omsk Local programming Th 0615-0645 in GG; Wed 0357-0500
- 791 Astrakhansk local programming Mon 1600-1640, Tue, Wed., Th., Fri 0510-0540, 1600-1640. Sa. 0615-0700 and Sun 0510-0510.
- 881 Frunze local programming Sa 1100-1130 in GG.
- 881 Stavropol local programming 043- and 1500.
- 1385 Kaliningrad, "Rst. Yantarmiu bereg" 2330-0030 for seamen in the Baltic Sea.
- 1430 Frunze local programming Sa 1100-1130 in GG.
- 1448 Kalinin 0520-0540, 0615-0645 and 1600-1640.
- 1570 Amur Local programming 0355-2300. (DSWCI via Arctic 3/10)

Yemen. Sanaa has settled on 1196 khz. Heard in Europe before 70A and USSR S/ons. (Arctic 4/7)

Yugoslavia. R. Belgrade is now on a 24 hour schedule on 685 with 2000 kw day and 1000 kw night. Transmitter is off for maintenance Tuesday mornings 0005-0400. (Arctic 4/7)

Zaire. La Voix du Zaire has been noted at 0500 on 11720 in parallel with 692, 1448 and 7255. (SCDX 1476)  
 Korea Broadcasting System MW Overseas Broadcasts (Radio Korea)

Bill Harms

	kHz	Power	Location	Language	Time-GMT
HLSA	600	500 kw	Suwon	English	1130-1230
HLSR	750	100 kw	Namyang	Chinese	0900-0930
				English	0930-1000
				Chinese	2000-2030
				English	2030-2100
HLKB	890	100 kw	Pusan	Japanese	1500-1600
HLCA	970	500 kw	Kimchae	Japanese	1100-1200
				Korean	1200-1230
				Japanese	1230-1330
				Korean	1330-1400
HLKB	1450	10 kw	Pusan	Japanese	1500-1600

My references are the 1978 WRTH, a program schedule received from KBS for R. Korea (includes SW), and info received on my visits to the Pusan studio and Kimchae transmitter site. The WRTH listing for some of the transmitter sites is incorrect; i.e., HLSA is at Suwon, HLSR is at Namyang, and HLCA is at Kimchae; none of them are in Seoul. The only transmitter in Seoul is HLKA-710. HLKA broadcasts strictly domestic programs.

During the hours that they don't broadcast overseas programs, HLKB broadcasts domestic programs and HLSA, HLSR, and HLCA broadcast educational and special programs. All of the above listed stations are base frequencies; all of them, especially HLSA, HLSR, HLCA and HLKA change frequencies to avoid jamming, etc. I don't have any information as to what they will do after the 9 khz frequency plan change. It will have to be watched carefully.

The English language programs are for the English speaking foreigners living in Korea. The Chinese language programs are for the Chinese nationals in Korea. The Japanese language programs are for the Japanese living in both Korea and Japan. The Korean language programs are for the Koreans in North Korea and Japan. All of the programs are the regular Radio Korea programs, except the English language programs which have a Korean language lesson near the end of the broadcast.

W - M - B - T

**schuyllkill trans-audio corp.**

P. O. BOX 1530  
 SHENANDOAH, PA. 17976

# transmogrification

THE IRCA TECHNICAL COLUMN



Editor: Nick Hall-Patch  
 3272 Alder St.  
 Victoria, B.C.  
 Canada V8X 1P2

First, I should explain "transmogrification". It's a light-hearted way of introducing what will essentially be a serious column. Apparently, no commercial manufacturer sells the "ideal" BCB DX machine, and I've heard that even an R-390 can be improved for BCB DX if some brave soul is willing to modify or "transmogrify" even a small amount of the circuit. To a certain extent, I hope this column will be a place for the technically inclined to put forward their ideas on how to get better DX by upgrading equipment---receivers, antennas, audio filters, tape recorders---you name it. I have a few ideas myself which I'll put in the column, but I would appreciate contributions. Lately there have been some fine technical articles in DX Monitor which have not been under a technical column masthead. If you are familiar with the column width used in DXM (5" margins) and have a typewriter, then send your article direct to HQ if you like. If you don't have a typewriter, but do have ideas, send your article to me and I'll type it up under the column masthead. Even if you have a typewriter, I'll include your article, hi.

If you have a receiver that you think does a good job on BCB, why not send in a review? Are there any owners of, say, the Radio West ferrite loop who'd like to venture an opinion on it? What about other receiver accessories which are commercially available, like audio filters? Let other DX'ers know if you think a piece of equipment is a worthwhile investment, particularly for a BCB DX'er. Unless I can persuade manufacturers to send me free samples, hi, I'll have to depend on you for this facet of the column.

If you are an engineer or some other person who is bombarded with literature on new electronic products, and you see something which might be of interest to BCB DX'ers, maybe you could send me a copy, so I can let members know about it. If you see a technical article in a radio amateur or other journal which would relate to BCB DX'ing, let us know where it may be found.

Do you have questions of a technical nature? If so, I'll try to answer it in the column. (How I make homebrew beer does not qualify as a technical question, at least not in DXM, hi). Be warned, however, that I'm not an engineer myself and that your question may stump me. In such a case, I'll print your question and hope that some kind soul more technically qualified than I will come forth with an answer. Finally, if I make a mistake in something I say, be sure to write and correct me. I'm learning too. Remember that, like other columns in DXM, this one will depend on your support. It will appear once a month and contributions (not money in this case) will be gratefully received.

Next month: a simple longwire coupler for the TRF and other radios with an internal loopstick.

## 4 COMMERCIALY AVAILABLE FERRITE LOOPS

Michael A. Sapp

To the best of my knowledge, there are 4 commercially available amplified ferrite loops for the BCB dxer. The McKay Dymek DA-5/7 series, the Worcester SM-2, the Radio West Ferrite Loop, MW1, and the Palomar Engineers Loop Antenna. Being fortunate to have all of these antennas, I will try to shed some light on the different aspects of each. Hopefully if there is someone in the market for such an antenna, this article can be useful to them.

McKay Dymek is basically a company with hi-fidelity AM in mind. They also make AM-5, and AM-7 tuners, the DR-22 General Coverage Synthesized Receiver, and the DA-100, 56 inch General Coverage Vertical Antenna. They have 2 ferrite loops now available. The DA-5 which covers the BCB, and the DA-7 which covers the BCB as well as longwave 150 kHz to 300 kHz. I own the DA-7. These antennas are successors to the DA-3 which can be found reviewed in the NRC reprints. To the best of my knowledge prices are as follows: DA-5, \$175; DA-7, \$195. They are available from the McKay Dymek Company, 675 North Park Ave, PO Box 2100, Pomona, CA 91766. The DA-5 is also available from Edmund Scientific for \$177.50. The antenna is an electrostatically shielded ferrite loop 12 inches long and 3/4 inches in diameter. It can be tilted and rotated, and is amplified by a FET 2 stage amplifier. It has a sensitivity pot, as well as an input for an external antenna. When the amplifier is turned off the external antenna is fed straight through to the receiver. I have found this is a very useful feature. It is very easy to switch the longwire in and out this way. The antenna is very tastefully done, being finished in real teak wood and textured black enamel. There is a built-in AC power supply.

The Worcester SM-2 doesn't need an introduction. It is available from Worcester Electronics Laboratory, RD1, Frankfort, NY 13340 for around \$60. It is available with either battery, or AC power. The antenna is electrostatically shielded, alt-azimuth, and uses a .6 inch ferrite rod 12 inches long, wound with heavy litz wire. For amplification it uses a bipolar transistor amplifier with a 2 position sensitivity switch.

The Radio West Ferrite Loop MW1 is an assembly of 3 ferrite rods 15 inches in length, mounted on a small wooden stand. The loop does not have electrostatic shielding. The wood is stained and gives the antenna a very professional look. A FET preamp handles the amplification. Battery power is used. Besides the PCB the loop is available with replaceable heads to cover either longwave or shortwave 3 - 5 MHz. The loop sells for \$90, and the optional loop heads for \$42 a piece. They are available from Grant Manning's fine company, Radio West, 3417 Purer Road, Escondido, CA 92025.

Palomar Engineers Loop Antenna is a brand new entry into the field. It too has replacable heads for longwave, and for 1.6 - 5 MHz. The Palomar Engineers entry is much more compact than the other models. It has a ferrite rod approximately 8 inches long encased in a short piece of PVC pipe, supported by 2 semi-circle pieces of aluminum sheet metal. The amplifier is housed in the base, which is colored dark pink. A 9 volt battery supplies the power. The appearance in the writers opinion is good, but is a little gawdy. I happen to like pink, but I know a lot of people who don't. The loop amplifier is \$67.50 with the plug-in loop antennas \$47.50 each plus \$2 shipping. I will try to compare these antennas in the next few paragraphs. There is no clean winner here. All thoughts are based on my findings, opinions, and prejudices, and while as accurate as I could make it, it may or may not be the gospel truth.

Sensitivity The SM-2 consistently on both the R-390A, and the SPR-4 pulled in weak stations stronger than the other antennas. The difference was very slight over the MW1, with the DA-7 close behind, and the Palomar Engineers antenna bringing up the rear. A qualifying statement must be added to this however. True the SM-2 amplifier offers high gain, it seemed the MW1 had more usable sensitivity. There seemed to be a lot of hissing from the SM-2. The signal from the MW1 was a lot cleaner. The DA-7 produces a very clean signal also. The gain pot allows you to adjust the gain for almost any condition. The Palomar Engineers did not have the pick-up of the other three, and on weak stations produces a noticeable hiss apparently from the high gain amplifier.

Nulling The Palomar Engineers antenna is a clear cut winner here. Nulls are very shallow at this QTH for the other three. Nulls of the ferrite loops don't seem to match a balanced air cored loop, but are a definite improvement over a long wire. After the Palomar engineers antenna the other antennas are almost equal, perhaps a slight advantage to the MW1.

Appearance Probably a surprising category to evaluate DX antennas. This definitely is not a prerequisite to the dxer, but I guess there are some wives out there who would want an antenna to be pretty. The DA-7 is definitely the solid winner here. The teak wood and textured black enamel finish really give it a smashing appearance. The MW1 is also very sharp looking with its wood frame. While very professional the Palomar Engineers antenna is gawdy. The SM-2 looks homemade.

Tilting and Rotating Tilting is a tie between the Palomar Engineers antenna and the MW1 both being very smooth. The SM-2 binds and the DA-7 after a little wear wants to stay tilted all the time. Rotation is a different matter with the SM-2 being the smoothest of the lot. The Palomar Engineers antenna and the MW1 are so close behind, it could be called a three way tie. The DA-7 tends to bind up at times.

Extra Features The SM-2 cannot really compete here. The MW1 and the Palomar Engineers antenna have the changeable heads, but the DA-7 can tune longwave at the flip of a switch. The external antenna switch has to be rated a big plus.

Overall In my opinion the nod has to go to the Radio West MW1. Reception quality and nulling are the big factors for the dxer and the MW1 seems to be the overall best in these two categories. While the DA-7 or for that matter the DA-5 have their added features and good looks, the price is prohibitive. I think McKay Dymek has taken a lot of unnecessary abuse over the performance of their antennas. I have found the DA-7 to be a very good antenna, very useful to the DXer. The nulling ability of the Palomar Engineers Loop Antenna make it a useful addition to any receiver. The low price of the SM-2, and its performance has made it a favorite for a long time. It has been pulling in DX for many top flight dxers, and is still a super antenna. I wouldn't throw my SM-2 in the trash and run out and buy a MW1, but I have to give the MW1 a slight edge overall. But don't let me make the choice for you, everyone has different requirements, and receivers. Make your choice based on your needs.

VERIFICATION SIGNERS\*\*\*\*\*

Bob Lazar 1910 Kendall Ave. Madison, WI 53705 Please note this change of address which will be in effect by the time you read this.

Look for another change of address at the end of the summer. I've finally moved out of the infamous Ogg Hall for good. Summertime deadlines: 6/23, 7/21.

- 550 CFNB G.D. Love, TD BL
- 560 WQAM f+cm+stickers Mitch Wein N4FJ, CE PRM
- Dave Berges, Prod. Dir. PRM
- 600 WSOM r+cm unsigned MB
- 670 KBOI q+cms+sked+stickers Willis \_\_\_\_? RS
- 680 WCAW f Calvin A. Drennen, CE PRM
- 690 KRCO l C.R. Matheny, CE RS
- 710 WGBS l John E. Morris, CE RS
- 720 LV de Cuba l+q J. Miranda, Relaciones Internacionales RAL
- (CMGN)
- 730 CHYR? q unsigned MB
- WVIC l+sticker John M. Hanley MB
- 770 KUOM q unsigned MB
- 850 WEEU l+cm Dick Schilpp, VP & GM PRM
- WKIX c T.L. Tucker, CE PRM
- 900 CKTS Ted Silver BL
- 910 WGBI l Stanley Zawislak, Asst. CE MB
- 920 WMEL l+cm Jon Roberts, CE PRM
- WOKY q William Grenerow?? MB
- 940 CJGX q+stickers Harry Kerr MB
- 950 WSPA q G.L. Anderson, CE RS
- 990 WNTY l Colin K. Rice MB
- WZZD l Stephen Hnat MB
- 1000 CKBW Ralph Borowski, CE BL
- 1070 WIBC q Mike Russell MB
- 1090 WBAL q Rowland Craft, CE RS
- 1140 WBZY l+cm+sc Jim Williams, Operations Mgr. MB
- 1150 CJRC q Andre Bonneau MB
- 1250 WARE Arthur T. Reed, CE BL
- 1260 WNDR q unsigned MB
- 1300 WAVZ l Lloyd M. Prezant, Asst. CE MB
- WXRL l+cm Dennis Kavanaugh MB
- 1310 WGSA l John K. Hogg Jr. MB
- WNAE q+cm Richard A. Gitsan W3NQA MB
- 1380 WAMS l Bruce M. Shiller, CE RS
- WLCY q C. Cooper MB
- 1390 WCSC R.L. Bullard, CE BL
- WEED B. Wynre BL
- WVON l Jack Layton, Eng. Mgr. MB
- 1410 KQV l Ted Ruscitt, Operations Mgr. MB
- WDOV q+cm George Rond MB
- WING q Jacob Yancey, VP Eng. MB
- WLSH l Bud Angst, Pres. MB
- 1420 WBEC l Donald L. Coleman, CE BL
- 1440 CFGO H.F. McRae, CE BL
- 1470 WBTX l+cm+sticker Ray A. Long MB
- WMBD l Neil Burk, CE PRM
- 1480 WLEA l Carol Strobel, Office Mgr. MB
- 1490 WKVT l Chifford Brennan RS
- 1500 WFIF q+cm Robert Radil MB
- WTOP q Ronald J. Peters, Asst. CE (2 1/2 years) MB
- 1510 KGA q Jim Stargel, CE RS
- 1530 KNBI l Dave Tucker MB
- WTTI l Larry Richter, CE RS
- WVFC l J.B. Nelson, Music Director MB
- 1540 WARD l+cm Jack Watkins, Traffic MB
- 1550 KEDD l Rhett A. Downing, CE RAL
- WGTW l+cm Randy Henderson MB
- WSER l+cm Jonathan Warner MB
- WXVA l+cm Tammy Rutherford, DX Reception Dept. MB
- 1560 KLTI l Lee Ebert, Mgr. RAL // MB
- WBKC q+cm Al Kipp, GM MB
- WBUK l Karen Kirk, Operations Mgr. MB
- 1570 CHLO l John L. Moore, GM RS
- 1580 WANB l+litter bag Diana M. Albright MB
- WEYY l+cm+sticker Jimmy W. Woodard, Pres. MB
- WPGC l+cm Joseph Nunemaker WA3S2C MB
- 1590 WAUB l+rate card William Deyo Bender MB

Bill Harms writes to say that yes indeed WMAQ and KNBR both have verie signers named Wm. Newbrough. He says that the signatures are totally different and the guy at WMAQ has a middle initial of E. An interesting coincidence especially with both WMAQ and KNBR being owned by NBC.

THANKS TO THESE REPORTERS

- MB MIKE BROOKER-Toronto, ONT
- WJH BILL HARMS-Spokane, WA
- BL BRYAN LEE-Brooklyn, CT
- PRM PAUL MOUNT-Teaneck, NJ
- RS ROBERT STEADMAN-Milwaukee, WI
- RAL BOB LAZAR-The Man in Charge-Madison, WI



\*\*\*\*\*  
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 \* 2301 Pacific Ave.  
 \* Aberdeen, WA, 98520  
 \*\*\*\*\*

# Special Features

37-YEAR-OLD BATTLE DRAGS ON SOME MORE:  
 HUBBARD (KOB-770) LOSES AT U.S. SUPREME COURT;  
 THEN FILES AGAINST ABC (WABC-770) FOR CLASS I-A!

The U.S. Supreme Court has refused to review a U.S. Court of Appeals decision against Hubbard Broadcasting Inc., licensee of KOB-770 Albuquerque, NM, in an FCC dispute dating back to 1941 against WABC-770 New York City (owned by ABC) for Class I status on 770 kHz.

The Court of Appeals last fall had upheld a 1976 FCC decision favoring WABC and requiring KOB to downgrade itself from Class I-B status to the less-desirable Class II-A status. Unless KOB's latest legal maneuver succeeds, KOB will have to sharply curtail its nighttime signal in the direction of WABC's nighttime coverage area.

(For a write-up on the case, see the 10/22/77 DXM - appropriately enough, on p. 77, hi - and also the FCC's Report and Order on its 1976 decision, in DXM's dated 3/5/77, 3/12/77, and 6/11/77.)

The FCC decision granted WABC full Class I-A status on 770, allowing WABC to use 50kw nondirectional day and night. WABC has been operating as a I-A facility since the 1930's. KOB has been operating Class I-B, 50kw fulltime, ND days and DA nights, but with a nighttime pattern based on I-B operation by WABC (which WABC has never undertaken). The result has been stronger-than-permissible interference from KOB to WABC in the western and southwestern fringe of WABC's nighttime coverage area. Now, KOB will have to pull its signal completely out of WABC's nighttime skywave coverage area. What's more, as Class I-B, KOB received nighttime protection to its skywave coverage area in the West. As Class II-A, KOB will not be entitled to nighttime protection outside of its groundwave coverage area. That could mean greatly-increased interference to KOB, if further fulltime assignments are made on 770 in the future.

The directional pattern KOB will require to protect WABC will cost KOB some 100,000 listeners in the nighttime primary coverage area east of Albuquerque, not to mention lack of FCC consideration of KOB's nighttime skywave (distant) coverage area and its listeners, and the loss of many nighttime skywave listeners to the east and northeast (although KOB will pick up some additional listeners to the north and west with the new pattern). This is why KOB owners, Hubbard Broadcasting, fought the FCC decision all the way to the Supreme Court. Now, they've lost that battle.

But possibly, Hubbard still hasn't lost the war.

Right on the heels of the mid-April Supreme Court decision, Hubbard came up with a new legal maneuver which just might be unprecedented in FCC history. Hubbard filed for Class I-A status in Albuquerque for KOB! The idea would be to have the FCC shift the site of the U.S. Class I-A assignment on 770 kHz from New York City to Albuquerque. Since the cities for I-A assignments are not "etched in stone" in the FCC rules, it remains to be seen whether the FCC would decide that a shift of the I-A assignment from New York to New Mexico would be in the public interest.

Within weeks of the Supreme Court decision, KOB filed its application for I-A status on Friday, 4/28/78 - just three days before the Monday, 5/1/78, deadline for filing objections to applications for renewals of radio stations in New York and New Jersey, including WABC. If Hubbard's application is found to have merit, WABC's renewal will go into a hearing against KOB's proposal. Or, the FCC could simply return KOB's application as "unacceptable." We'll let you know what happens.

If KOB does gain I-A status (which would mean 50kw-nondirectional operation at night), instead of losing 100,000 primary listeners at night, KOB would add at least 130,000 people to its primary coverage area at night, including some 118,000 who do not now receive any primary AM coverage at night, plus 7,211,800 more people in the nighttime skywave area!

(Based on 4/24/78 and 5/1/78 Broadcasting, used by permission, and on the past issues of DX Monitor cited above). -BH.

FCC GRANTS 50-KW FULLTIME An FCC review board  
 C.P. ON 890 kHz IN has granted a CP for  
 ST. GEORGE, UTAH the last available  
 Class II-A assignment

in the western United States.

The review board granted an application by Albert L. Crain for a fulltime station on 890 kHz at St. George, UT, while denying a competing application filed by Julie P. Miner, licensee of KDXU-1450 and KDXU-FM, St. George.

Crain had applied for a brand new 50kw fulltime station. KDXU had proposed to move from 1450 (1kw day, 250w night) to 890 (10kw fulltime). 890 was only available for assignment in Utah, and because of the requirement that 25% or more of the population, or 25% or more of the area, within the II-A station's nighttime primary (groundwave) contour receive no other nighttime primary service. This pretty well precluded any assignment close to Salt Lake City, where KSL-1160 covers much of northern Utah. St. George is in the southwestern corner of Utah (in fact, it is closer to Las Vegas, Nevada, than it is to Salt Lake City), and hence the new station on 890 will have very little overlap, day or night, with KSL's groundwave coverage.

Crain now owns KBSN-790 Crane, TX (a 1kw daytimer) and WMSO-1590 Collierville, TN (a 500w daytimer).

The FCC review board decided that Crain should have the 890 facility because he would bring a new media voice to St. George, population 7000. KDXU-AM-FM are currently the only broadcast stations there. Crain's preference for media diversification outweighed a slight preference for Mrs. Miner, who operates the AM and FM stations with members of her family, for integration of management and ownership.

(Based on 4/3/78 Broadcasting, used by permission.)

## "WILL THERE EVER BE ANY MORE II-A ASSIGNMENTS?"

.... a COMMENTARY by ICA Special Features  
 Editor Bill Hardy

The granting of a CP for a 50kw station on 890 in St. George, Utah, uses up the last available assignment for a "Class II-A" station in the United States. "Class II-A" was established by a 1961 FCC decision, and was intended to provide local groundwave radio service in large areas of the western U.S. where such groundwave service was not available, especially at night.

The FCC decided that, of 25 clear channels assigned to the U.S. for "Class I-A" stations (which up till 1961 had no duplication at night, except for special cases such as KOB-770), 11 would be broken down for duplication in the western U.S., where fulltime stations could use powers of 10kw to 50kw at night without causing substantial interference to the Class I-A station's coverage area in the east. Most of the I-A frequencies chosen for duplication had I-A assignments east of the Mississippi, with KMOX-1120 St. Louis (just west of the Mississippi) being the furthest west, followed by the four I-A Chicago stations.

In order to assure coverage of underserved areas, the FCC set different standards for II-A assignments from those required of other AM applicants. (In 1961, AM assignments were still pretty much wide open, where a potential applicant for an AM station picked his own frequency, applied for power and pattern levels that would not interfere with existing stations, and only needed to show a "need" for the service, rather than today's requirements of being the first or second new service in a community, or of serving new territory.) Because these fulltime 10-to-50-kw powerhouses could become real moneymakers, the FCC required the following:

1. Minimum nighttime power of 10kw.
2. At least 25% of the station's nighttime primary coverage area, or at least 25% of the population therein, had to be receiving no nighttime primary service from any other AM station. This was called service to "white areas" - those areas showing up in white on a map of the U.S. which had groundwave coverage areas of radio stations blacked out.

3. To keep the stations out of areas already adequately served by high-power stations (such as Los Angeles, for instance), the FCC specified the states in which the II-A station could be located on each frequency. For instance, 670 was assigned to Idaho; 720 to "Nevada or Idaho"; 780 to Nevada; 880 to "North Dakota, South Dakota, or Nebraska"; and so on. (See Section 73.22 of the FCC rules.)

The first of these II-A stations to actually begin operations was KSWO-1020 Roswell, NM (now KBCQ), in 1965.

Today, all of the original II-A frequencies have been filled, except for 890. And the new CP in St. George, Utah, will soon take care of that.

The Class II-A stations are KBOI-670, KDWN-720, KCRL-780, KRNV-880, KBCQ-1020, KTW-1030, KREX-1100, KPNW-1120, KOFT-1180, and KGYN-1210. Some of these stations, such as KBOI, KDWN, KCRL, KTW, and KPNW, are in medium-size population centers. Others, especially KGYN, are in small towns that are hard to find on maps. We'd have to conclude that St. George, Utah, population 7000, is in that latter category! hi.

In 1976, the FCC amended its table of II-A assignments to add a 12th one: 770 in New Mexico, to accommodate the downgrading of KOB-770 from I-B to II-A in order to protect WABC (see separate story). As of this date, though, KOB is still using I-B rather than II-A facilities while it tries a new approach to its legal battle with WABC.

Since the original eleven II-A assignments brought daytime and local nighttime radio coverage to new areas for the first time and otherwise worked out pretty well with a minimum of interference to the eastern I-A stations, will there be any more II-A assignments forthcoming?

There are some hints from recent FCC proceedings that there might be.

In its continuing Clear Channel proceeding (sometimes known as the "Superpower" proceeding), the FCC has hinted that in lieu of superpower (above 50kw up to 500kw or 750kw) for unduplicated I-A stations, the FCC may grant additional II-A assignments on some or all of the U.S. I-A clear channels. This is one option open to the FCC.

When the FCC authorized KGBS-1020 Los Angeles, CA (now KTNQ) to go fulltime in 1976, the FCC said that the grant of a fulltime 50kw assignment in California would preclude any II-A assignments on 1020 in Washington or Oregon. So, it follows that the FCC must at least have been considering such!

Also, at one time someone in Maine wanted to put a Class II-A assignment there on 820 (WBAP-820 Fort Worth, TX, is the I-A assignment on that channel, and Maine is far enough away to be out of the protected nighttime skywave pattern of WBAP). The argument was that Maine was as underserved by groundwave signals as the areas in the West had been that are now served by the eleven western II-A stations.

While some of the more remote sections of Oregon, Idaho, Montana, Wyoming, Nebraska, Oklahoma, Colorado, and Nevada are now receiving high-power daytime and local-area nighttime fade-free AM service for the first time, and southwest Utah will soon join that listing, there are still quite a few "white areas" in the Western U.S., and even quite a few in the Eastern and Northeastern U.S. that you don't normally consider - such as the Appalachian Mountains (from N.Y. state down to the Deep South) and upper New England. With good technical planning, Class II-A stations could serve quite a few of these white areas.

A decision in the continuing Clear Channel proceeding would have to come first. The FCC could break down some or all of the remaining 12 clear channels that are unduplicated in the 48 adjacent states at night (of the 25 U.S. I-A's, 12 channels - including 770 - have II-A assignments now, and a 13th - 760 - has a fulltime 5kw assignment at San Diego, CA). The FCC could grant "superpower" to some or all of the twelve I-A stations that are still unduplicated at night. And whereas there is currently only one II-A station on each of the 12 frequencies with II-A assignments (KTNQ-1020 and KFAK-1100 being special authorizations for fulltime only recently, and not Class II-A),

the FCC may find it in the public interest to allow more than one II-A station to operate on each of the 12 (or more) II-A frequencies in the future. (If KGYN-1210 can't normally be heard in the Pacific Northwest, why not allow another II-A station on 1210 up this way, for instance?)

The mood of the seven FCC commissioners who vote on these rulemakings is sometimes hard to gauge in advance. They have to balance the interests of the 50kw I-A station owners against the interests of the people who may wish to start new II-A stations in unserved areas. They have to balance the interests of people, such as truck drivers, who might enjoy the huge coverage area of a 750kw station at night, against the interests of people who would rather hear news from their home state at night than hear news from New York City. There are very good arguments on each side, so it would be a tough decision to make - no matter what they do, somebody's going to lose something. Suggested most often up till now has been a type of compromise - some superpower stations, with more duplication (outside the protected nighttime coverage area) on the remaining I-A clear channels.

Those of you who like to "second-guess" the FCC on these things might take note of the remarks the new FCC chairman, Charles D. Ferris, made to this year's National Association of Broadcasters convention, held in April in Las Vegas, Nevada. Ferris made it clear to broadcasters attending the NAB meet that he favored government policies that would encourage more competition and free enterprise in broadcasting, including new technologies. He hinted that existing broadcasters should not try to fight the inevitable competition they would receive from a loosening of government restrictions on them. I'm not good at crystal-ball gazing, but I'd have to guess that in a vote between more power for a limited number of existing stations, and more stations, the new FCC chairman would lean more in the direction of authorizing more stations.

The matter of additional II-A assignments is something that won't be settled tomorrow, and probably not this year. The 37-year-long fight between KOB and WABC for use of 770 kHz - a fight that isn't over quite yet - just proves the lengths that some broadcasters will go to, in order to protect their own interests. The owners of America's I-A stations, most of which have considerable financial backing and big-city clout, have proved that they are just as persistent in their efforts to keep their "clear channels" clear. Add to this the snail's pace of FCC rulemaking and government bureaucracy, and you can see that the AM broadcast band will stay the way it is for quite a few years to come. -BH.

ITEM The following FCC application, involving a former member of IRCA, is reprinted verbatim here from Broadcasting magazine's "For the Record" in the 4/10/78 issue, without any comment from the Special Features Editor, who retyped it for the general information of those of you who belonged to IRCA in the late 1960's and early 1970's:

FM applications:

\* Benson, Ariz.--Stereo 97 Inc. seeks 97.7 mhz, 3 kw, HAAT 271 ft. P.O. address: 276 Nassau Ave., Buffalo, N.Y. 14217. Estimated construction cost \$44,250; first-year operating cost \$35,378; revenue \$45,000. Format: MOR. Principals: Jack Lotsof (100%), research engineer. Paul S. Lotsof (son), director/secretary/treasurer, was news director at KSOM(AM) Ontario Calif. which is only broadcast interest.

TYPOGRAPHICAL ERROR DEPARTMENT:

The gremlins got into my typing fingers while I did the "Daylight Saving Time Starts Soon" feature, which appeared on p. 458 of the 4/15/78 DXM. I put a "double negative" (remember junior-high English?) into the "Northwest Territories" listing. It should oughta read (like that grammar? hi), "Although Nick Hall-Patch doubted that there was any DST that far north..." (substituting "any" for "probably no"). Sorry 'bout that, Nick.... -Bill Hardy

Kanadian Korner...Knews From The Frozen North!  
June 1, 1978

540 ON CJBC-2 is ex CHLU. All CJBC & CBOF lprts now have -2 type calls.  
560 NF CHCM Marystown gets a CP for 10/5kw.  
560 ON CPOS Owen Sound ditto for 5kw. Nights.  
590 NB CJCW Sussex to 1kw. Days. Protects CKCL.  
600 BC CJOR Jack Webster talk show is no more. Morning BC Network may die too.  
620 ON C... Sudbury 10kw. U2 English wanted by CFCL owners. This is in part a 2nd try. See also: 630, 850, 730, & 1240. Another twin thing?  
620 ON CFCL again wants to move to 850.  
630 ON C... Timmins 10kw. U2 English...CFCL!  
680 MB CJOB Winnipeg gets a CP for 50/25kw.  
730 ON CBOF-3 is ex CBBP.  
730 ON C... North Bay 10kw. U2 English. CFCL!  
790 NB CFAN gets a CP for 5kw. days.  
800 NF VOWR wants 5kwD. & 2kwN.  
850 NF C... Spaniard's Bay-Harbour Grace 10kw. U2 wanted as a twin by Colonial Brg.  
900 ON CFBR Sudbury wants to drop all CBC FF Net.  
910 BC C... Kamloops. Both denied. CHNL got FM. Promised the world(eliminated their competition)of great local pgms.  
970 PQ CKCH got OK for 50/10kw but ONLY wants 10/5.  
980 ON CFPL London drops all CBC due to local CBC FM.  
1050 AB CFBP will drop all CBC as local CBC FM arrives  
1070 AB C... Saint Albert got the OK but were told to use FM. I heard they got 1070 after all? S.A. is just a burb of Edmonton.  
1090 ON CJBC-1 is ex CBLK. Old stuff?  
1110 ON CJBC-3 is ex CHLX.  
1140 AB CKXL Calgary gets a CP for 50/50kw.  
1190 PQ CBMC is dead/gone to FM.  
1220 PQ C... Amqui wants 5kw. U2...French.  
1230 PQ CHVD drops all CBC as local CBC FM is on.  
1240 SK CJNS Meadow Lake, twin of CJNB 1050. Somehow I listed this as CJML, a TV call in BC.  
1240 ON C...Timmins. CKAP wants a twin here. A move to kill the above 630 CP by CFCL.  
1280 SK CJSL finally will go to 10kw U2. Protects CJME.  
1340 PQ CKVT gets CP for 1kw.days  
1340 ON CB?? Hunter lprt relays CBW (& later CBQ).  
1340 BC CKGF Grand Forks wants new owners & drop CKOK.  
1360 ON C... Walkerton-Hanover again denied.  
1410 BC C-fun dropped Drake in favor of 4-in-a-row FM style. Fewer IDs & no screaming.  
1430 AB C... Grande Prairie denied. CRFC loved their application but feared CFBP & CKYL might lose \$....about 200,000 in the area, hi.  
1460 ON CJOY gets CP for 50kw. D&N  
1470 BC CJVB Theo D. told us that VB would ask for 50kw.  
1510 PQ CJRS got the OK for 50/10kw.  
1570 ON CPOR got the OK for 5kw. Nights.

73 JOE JOHN OLDFIELD

### MUTUAL NETWORK BUYS ITS FIRST RADIO STATION IN ITS HISTORY

On April 10, 1978, the Mutual Broadcasting System announced to the National Association of Broadcasters convention in Las Vegas, Nevada, that Mutual has agreed in principle to buy a 50,000-watt powerhouse radio station in Chicago.

The decision to buy WCFL-1000 marks the first time for Mutual to enter station ownership. Since Mutual was founded in 1934, it has never owned a radio station. The other three radio networks (ABC, CBS, NBC), of course, have always been involved in station ownership, both radio and TV, including powerful outlets in America's largest cities. Mutual's non-involvement in station ownership has been a mixed blessing. Because Mutual had no broadcast-station licenses, it was not accountable directly to the FCC at renewal times. However, by not owning a radio outlet in major cities such as New York, Los Angeles, or Chicago, Mutual was not always assured of having a strong affiliate in those important markets.

Now, if the FCC approves the sale of WCFL to Mutual, the network will have a powerful 50kw Class I-B outlet in the Midwest. However, it will have to open up its ownership records to FCC scrutiny. Mutual was purchased in 1977 by Amway Corporation for a reported \$18.5 million. Amway is believed to be owned solely by Amway board chairman Jay Van Andel and Amway president Richard DeVos.

WCFL has been owned by the Chicago Federation of Labor and Industrial Union Council since 1926 (that's what the "CFIL" stands for). At present, it is the only labor union in America to own a broadcast outlet. If the sale is approved, the hourly "WCFL Chicago, the Voice of Labor" ID's will probably disappear forever.

WCFL's format may be in a state of change at this time. WCFL went head-to-head against WLS-890 for the top-40 audience for many years, even hiring away Chicago superjock Larry Lujack from WLS in 1972 for a \$130,000-a-year contract. In a much-publicized move in March, 1976, WCFL jettisoned its top-40 format for "beautiful music." Lujack's six-year, noncancellable contract still had two years to run, so he stayed with WCFL for a while, doing almost nothing for \$500 a day (see 8/7/76 DXM, p. 436). However, he did return to WLS after a while.

Unofficial word now is that WCFL has been slightly modifying its "beautiful music" format more in the direction of conventional MOR music. Where the format will head under Mutual ownership remains to be seen, although Mutual has one of the most complete play-by-play sports packages in all of network radio.

Mutual is reportedly paying the Chicago Federation of Labor and Industrial Union Council \$12 million for WCFL.

(Based in part on 4/17/78 Broadcasting, used by permission.) -BH.

WFAN-1340 (ex-WOOK) OFF Having lost an FCC license-renewal hearing AIR AS OF 4/22/78; to a competing applicant, WFAN-1340, Washington, DC, left the air by FCC order at midnight Sat. 4/22/78.

And now, the Spanish-speaking population of the nation's capital is protesting loudly.

The station, formerly WOOK-1340, owned by Richard Eaton, lost a comparative hearing to Washington Community Broadcasting, which will go on the air in August on 1340 kHz with a format oriented to black listeners, of which Washington DC has many. During the hearing, WOOK was accused, among other things, of permitting people to operate a "numbers" game for gambling through supposedly-religious programs on WOOK.

About a year ago, Eaton swapped call letters and formats of his two Washington radio stations. WOOK-1340 had a black-oriented format, while Eaton's WFAN-FM had Spanish-language programming. In 1977, the FCC allowed WOOK-1340 to change calls to WFAN and WFAN-FM to change calls to WOOK-FM. At that time, Eaton moved WFAN's Spanish format from FM to AM, and WOOK's black format from AM to FM. Now, the AM - WFAN - is gone, and WOOK-FM continues with the black WOOK format that was the object of the license challenge in the first place!

Questioned about this, an FCC staffer said that WOOK-FM's license renewal application is due June first. The staffer said that the FCC does not normally review format changes within a license period, but that at renewal time, the Commission considers whether any format changes during the license term have served the public interest. Representatives of the Hispanic community have called the FCC, and members of Congress have written letters, causing Chairman Charles D. Ferris to convene meetings to consider the problem.

So far, none of the D.C.-area stations has picked up the Spanish-language format fulltime. Suburban WEAM-1390, Arlington, VA, has begun Spanish-language programming from 11pm to 6am, but one Hispanic leader said that the WEAM programming was inadequate because "nobody listens" at that time. An educational FM station at Georgetown University might transfer ownership to the Catholic Archdiocese of Washington for use as a Spanish-language outlet, but first the university must get a response to an offer it had already made to another university in the area.

(Based on 5/1/78 Broadcasting, used by permission.) -BH.

1 9 7 8 B A S E B A L L N E T W O R K S

Editor: Bill Hardy - 2301 Pacific Ave. -  
Aberdeen, WA, 98520

Any additions or corrections to this information should be sent to the above address. Thanks.

LEGEND:

- d+ Daytime-only AM station with an associated FM station. Games starting before sunset may begin on the AM and continue on the FM.
- d- Daytime-only AM station with no associated FM station. Nighttime games probably not carried at all.
- + Fulltime AM station which is associated with an FM station that also carries the games.

Flagship stations are underlined.

Other symbols are explained as they appear in the listings.

CREDITS:

Many thanks to the following sources of information used in this column: Broadcasting magazine (used by permission); Sporting News; major-league teams; flagship stations; and the following IRCA, NRC, and GWDXA members:

American League: Steve Apel, Mike Brooker, Phil Bytheway, Nancy Hardy, Paul Mount, Jon Orren, Eddie Ryan, Matthew Shugart, Robert Steadman, and Dan Sys.

National League: Steve Apel, Jim Critchett, Joe Fela, Bob Galerstein, Herb Heller, Jim Hopkins, Glenn Lavender, Albert Lobel, Pete Nolan, Ken Onyschuk, Eddie Ryan, Robert Steadman, and Dan Sys.

Without their help, you would not be reading this right now. I am deeply indebted to them all.

NOTES:

The "sponsor" information is included as an aid to identifying which broadcast you might have of an unidentified game. By listening for commercials, you may be able to tell which of the two possible baseball networks you are hearing. Let me caution you, however, that not every advertiser is on every station of the network! For instance, airlines will be heard advertising only on those stations located in cities served by the airline. The same is true of some retail and restaurant chains - if they don't have an outlet in a given city, the network station in that city might not carry that sponsor's advertising. In addition, many networks allow half of the commercials in the game to be sold locally by the local station, so you may hear local commercials not listed among the sponsors. And, of course, the sponsorship roster is subject to change. An advertiser may join the broadcast lineup in mid-season; it is less common for an advertiser to drop out in mid-season.

The station lineups (other than the flagship) are subject to occasional additions or deletions from the information we have on hand. (In the case of the Oakland A's, who tried to become the Denver A's, the flagship station itself is subject to change, hi!)

And regarding East-Coast teams that play night games in the West: Since West-Coast games often don't begin till 10:30pm ELT, a station with a normal sign-off time of 10pm or 12midnight may decide not to carry late-starting games from the West. However, there are quite a few network stations which may stay on past their normal sign-off times for live baseball from the West, and these present good DX targets if you check the sports pages to see when a team will play out West. ID's on late games will be infrequent, so try tuning in for the full sign-off announcement after the game ends.

Unless otherwise indicated, the flagship station carries all regular-season games of a team, and carries them all live. Other network stations may have contracts allowing them to tape-delay games or not carry them in some cases, such as conflict with football or basketball, games starting before 6pm on weekdays, etc., so there will be some variations on the local level,

BALTIMORE ORIOLES

Announcers: Chuck Thompson  
Bill O'Donnell  
Sponsors: Maryland State Lottery  
Carling-National Breweries  
Hardees Burgers  
Buick  
Baltimore Federal  
Champion Spark Plugs  
Ezrine Auto

- 550 WSVA Harrisonburg, VA
- 930 +WFMD Frederick, MD
- 960 WBOC Salisbury, MD
- 970 WAMD Aberdeen, MD
- 1010 d+WGST Berkeley Springs, WV
- 1090 WBAL Baltimore, MD
- 1220 d+WLSB Big Stone Gap, VA
- 1230 +WBHI Abingdon, VA
- 1240 +WCEM Cambridge, MD
- WJEJ Hagerstown, MD
- WSSV Petersburg, VA
- 1250 d+WBER Warrenton, VA
- 1280 WHVR Hanover, PA
- d+WTTX Appomattox, VA
- 1330 d+WASA Havre de Grace, MD
- 1340 +WKBY Covington, VA
- +WJMA Orange, VA
- WEPM Martinsburg, WV
- 1370 WKIK Leonardtown, MD
- 1390 WEAM Arlington, VA
- 1400 +WHLF South Boston, VA
- 1420 d-WDDY Gloucester, VA
- 1450 WTHU Thurmont, MD
- 1460 +WBMD Easton, MD
- +WRAD Radford, VA
- 1470 d+WTRR Westminster, MD
- 1490 WOPI Bristol, TN
- WVEC Hampton, VA
- WAYB Waynesboro, VA
- 1520 d+WEXM Jamesville, VA
- 1590 WCBG Chambersburg, PA

(plus, 6 FM stations in MD, VA, & WV that are not associated with AM stations)

Important notes regarding Baltimore:

Note 1: The Orioles indicate that only WBAL-1090, WBOC-960, WEAM-1390 (but see note 2), and the FM outlets in Cumberland and Westminster, MD, will carry the full 162-game Orioles schedule live. Most stations are scheduled for 120, 140, or 150 games, because of "individual station formats," "broadcast hours, and other factors." Some fulltimers are listed for as few as 50 games! Most daytimers, of course, carry a reduced number of games.

Note 2: The Orioles' outlet for metro Washington, DC, is WEAM-1390 Arlington, VA, not WTOP-1500 as previously announced. (See 3/4/78 DXM, p. 377.) WTOP is carrying Washington Diplomats NASL soccer instead, leaving WEAM to carry Baltimore baseball. Thanks to Bill Townshend for the correct info on this.

BOSTON RED SOX

Announcers: Ned Martin  
Jim Woods  
Sponsors: Anheuser Busch/Budweiser Beer  
New England Chrysler Plymouth  
Zayre  
Yellow Pages  
Champion Spark Plugs  
Coca-Cola  
Getty Oil  
Fenway Franks (Colonial Provision)  
Boston Globe  
Cooper Tire  
Magnavox  
Delta Airlines  
Kyanize Paint  
Crimson Travel  
Curtiss Candy  
Household Finance Corp.  
Realty World  
Bonanza Steak House  
Boyd/Amara

- 550 WDEV Waterbury, VT
- 560 WGAN Portland, ME

580 WTAG Worcester, MA  
 610 WGIR Manchester, NH  
 860 d-WSES Great Barrington, MA  
 910 \*\*WAHI Bangor, ME  
 (\*\*--this may not actually be on the network)

920 WJAR Providence, RI  
 950 WAGM Presque Isle, ME  
 1080 WTIC Hartford, CT

1230 \*WBME Belfast, ME  
 (\*--WBME is a "specified hours" station, and thus is not necessarily on the air for night games)  
 WQDY Calais, ME  
 WMNE North Adams, MA  
 +WMOU Berlin, NH  
 WTSV Claremont, NH  
 WERI Westerly, RI  
 WJOY Burlington, VT  
 1240 WCOU Lewiston, ME  
 WMKR Millinocket, ME  
 WHAI Greenfield, MA  
 WFTN Franklin, NH  
 WWON Woonsocket, RI  
 1250 WARE Ware, MA  
 1270 WSPR Springfield, MA  
 1280 WEIM Fitchburg, MA  
 1290 WKNE Keene, NH  
 1340 WNHC New Haven, CT  
 WFAU Augusta, ME  
 WHOU Houlton, ME  
 WNBH New Bedford, MA  
 WBRK Pittsfield, MA  
 WTWN St. Johnsbury, VT

1350 d-WINY Putnam, CT  
 1370 WDEA Ellsworth, ME  
 1380 d-WKTJ Farmington, ME  
 WBBX Portsmouth, NH  
 WSYB Rutland, VT  
 1390 d-WCAT Orange, MA  
 1400 WIDE Biddeford-Saco, ME  
 WMCS Machias, ME  
 WHMP Northampton, MA  
 WPSL Hanover, NH  
 1450 WLKN Lincoln, ME  
 WRKD Rockland, ME  
 WXIV South Paris, ME  
 WKRI West Warwick, RI  
 WTSA Brattleboro, VT  
 1460 WBBT Brockton, MA  
 1490 WSIR Winter Haven, FL  
 WTVL Waterville, ME  
 WEMJ Laconia, NH  
 WPAD Middlebury, VT  
 WIKI Newport, VT  
 1510 WMEK Boston, MA  
 (plus, FM stations in Medford and West Yarmouth, MA, and Rumford, ME)

#### CALIFORNIA ANGELS

Announcers: Dick Enberg  
 Don Drysdale  
 Al Wisk

Sponsors: Continental Airlines  
 Budweiser Beer  
 Chevron Gasoline  
 Chevrolet

710 KMPC Los Angeles, CA  
 970 KCHV Coachella, CA  
 \*d-KNUU Las Vegas, NV  
 (\*--"weekend games only")

1230 KWTC Barstow, CA  
 KXO El Centro, CA  
 KPRL Paso Robles, CA  
 1240 KSMA Santa Maria, CA  
 1280 KFYV Arroyo Grande, CA  
 1340 KFBR Nogales, AZ  
 KDOL Mojave, CA  
 KSFE Needles, CA  
 1400 KVOY Yuma, AZ  
 KAAP Santa Paula, CA  
 KONG Visalia, CA  
 1440 KPRO Riverside, CA  
 1450 KTIP Porterville, CA  
 1560 KPMC Bakersfield, CA  
 (plus, FM's in Phoenix and Tucson, AZ; Blythe and Mojave, CA; and Henderson, NV)

#### CHICAGO WHITE SOX

Announcers: Harry Caray  
 Lorn Brown  
 Jimmy Piersall

Sponsors: Chevrolet  
 Stroh Brewing Company  
 True Value Hardware  
 Champion Spark Plugs  
 Zenith Distributing Company  
 RELO--World Leader in Relocations  
 Household Finance Corp.  
 Chicagoland McDonald's  
 (Pre-game only:  
 Cal's Roast Beef Restaurants  
 Tinder Box Tobacco Shops)

670 WMAQ Chicago, IL  
 (no network)

#### CLEVELAND INDIANS

Announcers: Herb Score  
 Joe Tait

Sponsors: Datsun  
 Budweiser Beer  
 Convenient Food Marts

900 d-WFRO Fremont, OH  
 960 d-WWST Wooster, OH  
 990 d-WTIG Massillon, OH  
 1100 WUVE Cleveland, OH  
 1240 +WBBW Youngstown, OH  
 1260 WLKK Erie, PA  
 1280 WONW Defiance, OH  
 1340 WNCO Ashland, OH  
 1400 WMAN Mansfield, OH  
 1450 +WLEC Sandusky, OH  
 1520 d+WKNT Kent, OH  
 1540 d+WECO Bucyrus, OH  
 d-WBTC Uhrichsville, OH  
 1600 d-WAQI Ashtabula, OH  
 (plus, FM stations in Delphos, Fostoria, Johnstown, and New Philadelphia, OH)

#### DETROIT TIGERS

Announcers: Ernie Harwell  
 Paul Carey

Sponsors: Labatts Beer  
 Marathon Gasoline  
 City National Bank  
 Little Caesars Pizzas  
 Champion Spark Plugs

590 WKZO Kalamazoo, MI  
 760 WJR Detroit, MI  
 790 WSGW Saginaw-Bay City, MI  
 850 WKBZ Muskegon, MI  
 900 d-WATC Gaylord, MI  
 930 WBEK Battle Creek, MI  
 960 d-WHAK Rogers City, MI  
 970 d+WUPY Ishpeming, MI  
 1150 WGEN Mt. Pleasant, MI  
 1220 d+WBEH Hastings, MI  
 1230 WCUZ Grand Rapids, MI  
 W300 Sault Ste. Marie, MI  
 +WSTR Sturgis, MI  
 1280 d-WFYC Alma-St. Louis, MI  
 1290 WHGR Houghton Lake, MI  
 1340 +WMBN Petoskey, MI  
 1370 +WWAM Cadillac, MI  
 1380 WPLB Greenville, MI  
 1400 +WTCM Traverse City, MI  
 1450 +WATZ Alpena, MI  
 +WHTC Holland, MI  
 WCLA Ludington, MI  
 1480 d-WIOS Tawas City-East Tawas, MI  
 1490 WMPX Midland, MI  
 \*WTIQ Manistique, MI  
 (\*--WTIQ is a "specified hours" station, and thus is not necessarily on the air for night games)  
 (plus, 6 FM stations in Michigan that are not associated with AM stations)



**KXLF**

P.O. Box 3500  
 Butte, Montana 59701

KANSAS CITY ROYALS

Announcers: Denny Matthews  
Fred White

Sponsors: Champion Spark Plugs  
Guy's Potato Chips  
Datsun  
Pabst Beer  
Cookpaint  
Midland CB  
Sentry Hardware

- 580 WIBW Topeka, KS
- 680 KFBE St. Joseph, MO
- 690 KGGF Coffeyville, KS
- 740 KRMG Tulsa, OK
- 880 KRVN Lexington, NE
- 940 d+KSWM Aurora, MO
- 980 KMBZ Kansas City, MO  
(KMBZ is the network outlet in Kansas City; WIBW-580 holds radio rights and thus is the network flagship)

- 1130 d+KBLR Bolivar, MO
- 1220 d+KOFO Ottawa, KS
- 1230 KTNC Falls City, NE
- 1240 WINK Port Myers, FL
- KIUL Garden City, KS
- KAKE Wichita, KS
- KNEM Nevada, MO
- 1270 WEIC Charleston, IL
- 1280 KSOK Arkansas City, KS
- d+KDKD Clinton, MO
- 1290 d-KALM Thayer, MO
- 1300 d+KMMO Marshall, MO
- 1340 KSEK Pittsburg, KS
- KGFV Kearney, NE
- 1350 KRNT Des Moines, IA
- 1360 d-KOYY El Dorado, KS
- d-KMRN Cameron, MO
- 1370 KGNO Dodge City, KS
- d+KIKS Iola, KS
- 1390 d+KAMO Rogers-Bentonville, AR
- d-KNCK Concordia, KS
- 1400 +KCOG Centerville, IA
- KAYS Hays, KS
- 1420 KULY Ulysses, KS
- d-KBTN Neosho, MO
- 1430 d+KAOL Carrollton, MO
- 1440 d-KCHE Cherokee, IA
- 1450 KWBW Hutchinson, KS
- WMBH Joplin, MO
- KOKO Warrensburg, MO
- KGFV Shawnee, OK
- 1460 d-KKOY Chanute, KS
- 1470 KARE Atchison, KS
- d-KGHM Brookfield, MO
- 1490 KKAN Phillipsburg, KS
- +KDMO Carthage, MO
- KDRO Sedalia, MO
- 1510 d+KTTT Columbus, NE
- 1530 d+KDSN Denison, IA
- d-KMAN Butler, MO
- 1560 d+KABI Abilene, KS
- 1570 d+KNDY Marysville, KS
- 1580 d+KSSM El Dorado Springs, MO
- d+KNIM Maryville, MO
- 1590 KVGB Great Bend, KS
- 1600 d+KRFS Superior, NE  
(plus, 18 FM stations in IA, KS, MO, & NE that are not associated with AM stations)

Special note: Some games will be tape-delayed until 7:25pm Central Time, according to flagship station WIBW-580.

MILWAUKEE BREWERS

Announcers: Merle Harmon  
Bob Uecker

Sponsors: Mike Hegan  
Pabst Beer  
Chevrolet  
Mantz Paint  
Wisconsin Telephone Yellow Pages  
Oscar Mayer Meats

- 550 WSAU Wausau, WI
- 570 WMAM Marinette, WI
- 580 WKTY LaCrosse, WI
- 620 WTMJ Milwaukee, WI
- 680 WDET Escanaba, MI
- 980 d+WNEH Park Falls, WI
- d+WPRE Prairie du Chien, WI
- 1090 d+WISS Berlin, WI

- 1230 WIKB Iron River, MI
- WHBY Appleton, WI
- +WCLD Janesville, WI
- 1240 +WJPD Ishpeming, MI
- WOMT Manitowoc, WI
- WOBT Rhinelander, WI
- 1260 d-WWIS Black River Falls, WI
- d+WEKZ Monroe, WI
- 1270 d+WRJC Mauston, WI
- 1290 d+WCOV Sparta, WI
- 1310 WIBA Madison, WI
- 1340 WLDY Ladysmith, WI
- 1350 d+WPDR Portage, WI
- 1360 d+WMNE Menomonee, WI
- 1380 WBEL South Beloit, IL
- 1400 +WATW Ashland, WI
- WBIZ Eau Claire, WI
- WRDE Reedsburg, WI
- 1440 WNFL Green Bay, WI
- 1450 KFIZ Fond du Lac, WI
- +WRCO Richland Center, WI
- 1490 +WIGM Medford, WI
- 1550 d+WEVR River Falls, WI
- 1590 +WSWW Platteville, WI

(plus, 7 FM stations in Wisconsin that are not associated with AM stations)

MINNESOTA TWINS

Announcers: Herb Carneal  
Sid Hartman  
Rod Carew  
Joe McConnell

Sponsors: Midwest Federal Savings & Loan  
Chevrolet  
Pabst Beer

- 570 WNAX Yankton, SD
- 580 d-KANA Anaconda, MT
- 600 KSJB Jamestown, ND
- 830 WCCO Minneapolis, MN
- 920 KWAD Wadena, MN
- 1040 WHO Des Moines, IA
- 1230 WKLK Cloquet, MN
- KTRF Thief River Falls, MN
- 1240 KIGD Spencer, IA
- WMPG Hibbing, MN
- KDLR Devils Lake, ND
- \*KTHE Thermopolis, WY
- 1250 KBRF Fergus Falls, MN
- 1260 KROX Crookston, MN
- 1320 KOZY Grand Rapids, MN
- 1340 KVBR Brainerd, MN
- KKPO Grafton, ND
- 1390 KKOA Minot, ND
- 1400 KEYL Long Prairie, MN
- \*KBJM Lemmon, SD
- 1410 KRWB Roseau, MN
- 1450 KBUN Bemidji, MN
- WELY Ely, MN
- \*KRBN Red Lodge, MT
- KGCA Rugby, ND
- 1480 KGCX Sidney, MT
- 1520 d-KMAV Mayville, ND
- 1590 KRAD East Grand Forks, MN
- 1600 d-KDAK Carrington, ND

(plus, an FM station in Virginia, MN)  
(Note: WCCO-830 will carry all Twins games live except for a few conflicts with the Vikings in the fall.)  
(\*--KTHE-1240, KBJM-1400, and KRBN-1450 are "specified hours" stations, and thus are not necessarily on the air for night games)

NEW YORK YANKEES

Announcers: Phil Rizzuto  
Bill White  
Frank Messer

Sponsors: Fran Healy  
Budweiser Beer  
Champion Spark Plugs  
Household Finance Corp.  
Aamco Transmissions  
Gulf Oil  
Getty Oil  
Standard Brands  
Firestone Tires  
AC-Delco  
Chrysler-Plymouth  
Yoo-Hoo  
Colonial Provisions (Yankee Franks)



550 \*WHLM Bloomsburg, PA  
 560 d-WCKL Catskill, NY  
 610 WSWG Torrington, CT  
     WIOD Miami, FL  
 790 WNNY Watertown, NY  
 920 WKRT Cortland, NY  
 950 \*d-WHPN Hyde Park, NY  
     WIBX Utica, NY  
 960 d-WATS Sayre, PA  
 1000 d-WHWP Rutland, VT  
 1010 WINS New York, NY  
 1230 WINF Manchester, CT  
     WERI Westerly, RI  
 1240 WWDW Schenectady, NY  
 1250 WDAE Tampa-St. Petersburg, FL  
 1270 d-WDLA Walton, NY  
 1280 WROC Rochester, NY  
 1320 WATR Waterbury, CT  
     WSCR Scranton, PA  
 1340 WNHC New Haven, CT  
     WSEB Sebring, FL  
     WENT Gloversville, NY  
 1350 d-WRNY Rome, NY  
 1360 WKOP Binghamton, NY  
 1400 WDOT Burlington, VT  
 1410 d-WBZA Glens Falls, NY  
     WDOE Dunkirk-Fredonia, NY  
 1440 d-WJLJ Niagara Falls, NY  
 1450 WCLI Corning, NY  
 1460 WOKO Albany, NY  
 1470 d-WMMW Meridian, CT  
 1480 WSAR Fall River, MA  
 1490 WNUS West Springfield, MA  
 (plus, FM stations in Canandaigua and Waverly,  
 NY, and Tomauqua, PA)  
 (\*--Our source is unsure if WHLM-550 and WHPN-950  
 are actually on the Yankees network, since he  
 heard them with other programming while  
 WINS-1010 was airing a Yankees game)

OAKLAND A'S

Note: From the season opening in April 1978 till  
 sometime in May, the only radio outlet for the A's  
 was 10-watt educational FM station KALX-90.7,  
 Berkeley, CA, with U. of California students Larry  
 Baer and Bob Kozburg doing the broadcasting.

Beginning in May 1978, the A's are on KNEW-910  
 as follows: (thanks to Mike Endza for the info)

Announcers: Bud Foster  
             Cliff Haynes  
             Curt Flood  
 Sponsors: (unknown; all local firms)

910 KNEW Oakland, CA  
 (no network so far)

Note: Weekday games from the East or Midwest are  
 tape-delayed so that all weekday broadcasts  
 begin at 7:30pm PDT. Only on Saturdays and  
 Sundays are all Oakland games carried live,  
 regardless of starting time.

SEATTLE MARINERS

Announcers: Dave Niehaus  
             Ken Wilson  
 (Pre-game only: Bob Robertson)  
 Sponsors: Chevrolet  
             Olympia Brewing  
             Seattle-First National Bank  
             Fred Meyer Stores  
             Chevron Gasoline  
             Champion Spark Plugs  
 (Pre-and-post-game only:  
             Langendorf Bread  
             Sears  
             Pepsi-Cola)

570 KVI Seattle, WA  
 590 KHQ Spokane, WA  
 790 KGMI Bellingham, WA  
 920 KITN Olympia, WA  
 1230 KVAS Astoria, OR  
     KTDO Toledo, OR  
 1280 KIT Yakima, WA  
 1340 KAIN Nampa, ID  
     KAGT Anacortes, WA  
 1400 KEDO Longview, WA  
 1450 KFLS Klamath Falls, WA  
     KBEW Aberdeen, WA

1490 KTEL Walla Walla, WA  
 1550 KGAR Vancouver, WA  
 1590 KTLI Tillamook, OR  
 (plus, FM stations in Corvallis, OR, and  
 Ellensburg, WA)

TEXAS RANGERS

Announcers: Jon Miller  
             Bill Merrill  
 Sponsors: (unknown)  
 820 WBAP Fort Worth, TX  
 (rest of 20-station network lineup unknown)

TORONTO BLUE JAYS

Announcers: Tom Cheek (play-by-play)  
             Early Wynn (color)  
 Sponsors: (unknown)  
 560 CJKL Kirkland Lake, ON  
 730 CJNR Blind River, ON  
 930 CKNS Espanola, ON  
 950 CKBB Barrie, ON  
 980 CFPL London, ON  
     CHEX Peterborough, ON  
 1090 CKKW Kitchener-Waterloo, ON  
 1110 CKJD Sarnia, ON  
 1230 CJTT New Liskeard, ON  
 1340 CKNR Elliot Lake, ON  
 1400 CKCB Collingwood, ON  
 1430 CKFH Toronto, ON  
 1450 CHUC Cobourg, ON  
 (plus, 7 FM stations in Ontario that are  
 not affiliated with AM stations)

NATIONAL LEAGUE - 1978

ATLANTA BRAVES

Announcers: Ernie Johnson  
             Pete Van Wieren  
             Skip Caray  
 Sponsors: (unknown)  
 (Note: the following is only a partial Atlanta  
 network listing:)

630 WKBX Savannah, GA  
 750 WSE Atlanta, GA  
 940 WMAZ Macon, GA  
 1170 WCOV Montgomery, AL  
 1230 WBIA Augusta, GA  
 1240 WBGC Chipley, FL  
     WINK Fort Myers, FL  
     WBHB Fitzgerald, GA  
 1290 WTMC Ocala, FL  
 1370 WDEF Chattanooga, TN  
 1430 WPCF Panama City, FL  
 1450 WDIG Dothan, AL  
     WGPC Albany, GA  
 1490 WETO DeLand, FL  
     WJMJ Cordele, GA  
 1500 d-WIAP Clarksville, GA  
 (rest of 60-station network lineup unknown)

CHICAGO CUBS

Announcers: Vince Lloyd  
             Lou Boudreau  
 Sponsors: (unknown)  
 720 WGN Chicago, IL  
 980 WITY Danville, IL  
 1220 d-WLPO LaSalle, IL  
 1230 WSAL Logansport, IN  
 1250 WGL Fort Wayne, IN  
 1290 d-WREY New Albany, IN  
 1330 d-WRAM Monmouth, IL  
 1340 WSOY Decatur, IL  
 1400 WBAT Marion, IN  
 1420 WVJS Owensboro, KY  
 1440 WGEM Quincy, IL  
 1460 WKAM Goshen, IN  
 1540 d-WBNL Boonville, IN  
 1580 d-WCCR Urbana, IL  
     d-KWNT Davenport, IA  
 (plus, FM stations in Chillicothe, IL; and  
 Elwood and Linton, IN)

CINCINNATI REDS

Announcers: Marty Brennaman  
Joe Muxhall  
Sponsors: Stroh Brewing  
Marathon Oil  
Kahn's Meats  
Conwood Tobacco Co.  
Kings Island  
(The following sponsors are on  
WLW-700 only:  
First National Bank of Cincinnati  
Frisch's Restaurants  
Pepsi-Cola  
Riverside Ford)

- 560 WJLS Beckley, WV
- 580 WCHS Charleston, WV
- 680 WCTT Corbin, KY
- 700 WLW Cincinnati, OH
- 730 d+WFMW Madison, KY
- 910 WFPB Middletown, OH
- 920 d+WLIW Livingston, TN
- 930 WGNT Huntington, WV
- 970 WAVE Louisville, KY
- 980 WSIX Nashville, TN
- 990 d+WJEH Gallipolis, OH
- 1000 d-WREM Jenkins-Pound Mountain, KY
- d+WHTH Heath, OH
- 1010 d+WMEV Marion, VA
- 1050 d+WNES Central City, KY
- 1150 d+WLOC Munfordville, KY
- WIMA Lima, OH
- 1230 WHIR Danville, KY
- WANO Pineville, KY
- WIRO Ironton, OH
- 1240 WHBU Anderson, IN
- +WFTM Maysville, KY
- +WSFC Somerset, KY
- WHIZ Zanesville, OH
- 1290 d-WOMP Bellaire, OH
- WHIO Dayton, OH
- +WVOW Logan, WV
- 1300 WBLG Lexington, KY
- d+WMVO Mount Vernon, OH
- 1320 d-WBRT Bardstown, KY
- 1330 d+WKOY Wellston, OH
- 1340 +WBIW Bedford, IN
- WLBC Muncie, IN
- WEKY Richmond, KY
- WMON Montgomery, WV
- WXBE Welch, WV
- 1350 +WIOU Kokomo, IN
- 1370 d+WGOH Grayson, KY
- 1390 d+WMPO Middleport-Pomeroy, OH
- 1400 +WCYN Cynthiana, KY
- +WPAY Portsmouth, OH
- WBTH Williamson, WV
- 1410 WLBJ Bowling Green, KY
- 1430 WIRE Indianapolis, IN
- 1440 d-WPGW Portland, IN
- WHIS Bluefield, WV
- 1450 WLKS West Liberty, KY
- WLAF LaFollette, TN
- WPAR Parkersburg, WV
- 1470 d-WDCL Dunedin-Clearwater, FL
- 1480 +WTHI Terre Haute, IN
- 1490 +WKBV Richmond, IN
- +WKAY Glasgow, KY
- +WBEX Chillicothe, OH
- WMOA Marietta, OH
- 1540 d+WNRE Circleville, OH
- 1550 d-WPDF Corydon, IN
- WCVL Crawfordsville, IN
- WCTW New Castle, IN
- 1570 d-WKKS Vanceburg, KY
- d+WPTW Piqua, OH
- d+WSWV Pennington Gap, VA
- 1600 d-WSTL Eminence, KY
- (plus, 41 FM stations in IN, KY, OH, TN, & VA  
that are not associated with AM stations)

HOUSTON ASTROS

Announcers: Gene Elston  
DeWayne Staats  
Sponsors: (unknown)  
910 KAMD Camden, AR  
950 KPRC Houston, TX  
1150 \*+WTAW College Station, TX  
(\*--daytime, but with CP to go fulltime)

- 1200 WOAI San Antonio, TX
- 1230 KSIX Corpus Christi, TX
- KWTX Waco, TX
- 1250 KPAC Port Arthur, TX
- 1280 WGSO New Orleans, LA
- 1310 WRR Dallas, TX (call-letter change to  
KAAM has been applied for)
- 1350 d+KITXJ Jasper, TX
- 1410 KNAL Victoria, TX
- 1490 +KSAM Huntsville, TX  
(plus, 5 FM stations in Texas that are not  
associated with AM stations)

LOS ANGELES DODGERS

Dodgers - English language

Announcers: Vin Scully  
Jerry Doggett  
Ross Porter  
Sponsors: Union Oil of California  
Datsun Dealers  
Farmer John  
Anheuser-Busch Brewing  
California Federal Savings and Loan

- 590 KGMB Honolulu, HI (weekend and some holiday  
games only)
- 610 KAVL Lancaster, CA
- 620 KTAR Phoenix, AZ
- KNGS Hanford, CA
- 790 KAEC Los Angeles, CA
- 920 KVBC San Luis Obispo, CA
- KORK Las Vegas, NV
- 1010 KCHJ Delano, CA
- 1230 KGBE Bakersfield, CA
- KIBS Bishop, CA
- 1240 KBON San Bernardino, CA
- 1250 KTMS Santa Barbara, CA
- 1300 KROP Brawley, CA
- 1370 +KWRM Corona, CA
- 1400 KTUC Tucson, AZ
- 1440 KUHL Santa Maria, CA
- 1450 KPSI Palm Springs, CA
- +KVEN Ventura, CA  
(plus, FM stations in Big Bear, Hemet, and  
Ridgecrest, CA)

Dodgers - Spanish language

Announcers: Jaime Jarrin  
Rudy Hoyos  
Sponsors: (unknown)  
950 XEGB Tijuana, BCN, Mexico  
(no network)

MONTREAL EXPOS

Expos - English language

Announcers: Dave Van Horne  
Duke Snider  
Sponsors: (unknown)  
600 CFCF Montréal, QU  
800 CJBQ Belleville, ON  
960 WEAV Plattsburgh, NY  
1340 \*WMSA Massena, NY  
(\*--WMSA is a "specified hours" station, and  
thus is not necessarily on the air for  
night games)  
1350 CKLB Oshawa, ON  
1400 WBRL Berlin, NH  
WSLB Ogdensburg, NY  
1450 WSNO Barre, VT  
1490 WICY Malone, NY  
(plus, FM stations in Potsdam, NY, and Ottawa, ON)

Expos - French language

Announcers: Jacques Doucet  
Claude Raymond  
Sponsors: (unknown)  
550 CHLN Trois-Rivières, QU  
560 CKCN Sept-Îles, QU  
630 CJLA Lachute, QU  
CHLT Sherbrooke, QU  
730 CKAC Montréal, QU  
900 CKVD Val D'Or, QU  
970 CKCH Hull, QU  
1240 CJAF Cabano, QU  
CKLS La Sarre, QU  
1280 CKCV Quebec City, QU

1320 CJSO Sorel, QU  
 1340 CHAD Amos, QU  
 1400 CKRV Drummondville, QU  
       CJFP Rivière-du-Loup  
       CKRN Rouyn, QU  
 1420 CJMT Chicoutimi, QU  
 1450 CHEF Granby, QU  
       CHRT St-Eleuthère, QU

NEW YORK METS

Announcers: Lindsey Nelson  
               Bob Murphy  
               Ralph Kiner

Sponsors: (unknown)

570 WMCA New York, NY  
 (rest of 20-station network lineup unknown)

PHILADELPHIA PHILLIES

Announcers: Harry Kalas  
               Rich Ashburn  
               Andy Musser  
               Chris Wheeler  
 (possibly also Robin Roberts for  
       Sunday home games)

Sponsors: Tasty Kake  
               Gino's  
               Chrysler-Plymouth Dealers  
               MAB paints  
               Buick Dealers  
               Sun Oil  
               Budweiser  
               Coca-Cola  
               Philadelphia Daily News  
               Acme Markets  
               Girard Bank  
               Champion Spark Plugs  
               Penn-Jersey Auto Stores  
               Warrens' Card and Gift Shops  
               Colonial Federal and Savings  
               Widener College

800 d-WCHA Chambersburg, PA  
 850 WEEU Reading, PA  
 930 d+WTHD Milford, DE  
 1060 KYW Philadelphia, PA  
 1150 WDEL Wilmington, DE  
 1220 d-WJUN Mexico, PA  
 1230 WBPZ Lock Haven, PA  
 1270 WLBR Lebanon, PA  
 1320 WGET Gettysburg, PA  
 1340 WTAN Clearwater, FL  
       +WBRE Wilkes-Barre, PA  
 1350 WHWH Princeton, NJ  
 1360 WPPA Pottsville, PA  
 1400 WEST Easton, PA  
       WRAC Williamsport, PA  
 1440 d-WMVB Millville, NJ  
       d-WCDL Carbondale, PA  
 1450 WFPG Atlantic City, NJ  
 1480 +WISL Shamokin, PA  
 1490 WAZL Hazleton, PA  
       WDDL Lancaster, PA  
       WMRF Lewistown, PA  
 (plus, FM stations in Wildwood, NJ, and  
 Harrisburg and Sunbury, PA)

PITTSBURGH PIRATES

Announcers: Milo Hamilton  
               Lanny Frattare

Sponsors: (unknown)

590 WMBS Uniontown, PA  
 600 d+WSOM Salem, OH  
 970 d-WBLF Bellefonte, PA  
 990 d+WVSC Somerset, PA  
 1020 KDKA Pittsburgh, PA  
 1050 d+WMSG Oakland, MD  
 1150 d+WHUN Huntingdon, PA  
 1230 WTIV Titusville, PA  
 1250 d-WLEM Emporium, PA  
 1270 WCBC Cumberland, MD  
 1280 WKST New Castle, PA  
 1310 d+Wbfd Bedford, PA  
 1340 WSTV Steubenville, OH  
       WCVI Connellsville, PA  
       +WTRN Tyrone, PA  
 1370 WWCB Corry, PA  
 1390 WFMJ Youngstown, OH  
 d+WKLP Keyser, WV

1400 WKBI St. Marys, PA  
       WBBN Clarksburg, WV  
       WKWK Wheeling, WV  
 1420 +WCED DuBois, PA  
 1450 WAGO Erie, PA  
       +WFRA Franklin, PA  
 1470 WPAR Farrell, PA  
 1490 WTRL Bradenton, FL  
       +WJNL Johnstown, PA  
 1580 d+WANE Waynesburg, PA  
 (plus, FM stations in Altoona, Linesville,  
 and Ridgeway, PA)

ST. LOUIS CARDINALS

Announcers: Jack Buck  
               Bob Starr  
               Mike Shannon

Sponsors: (unknown)

1120 KMOX St. Louis, MO  
 (rest of 120-station network lineup unknown)

SAN DIEGO PADRES

Padres - English language

Announcers: Jerry Coleman  
               Dave Campbell

Sponsors: (unknown, but will undoubtedly include  
 McDonald's, since Ray Kroc owns both  
 the team and the restaurant chain)

600 KOGO San Diego, CA  
 1490 KICO Calexico, CA

Padres - Spanish language

Announcers: (unknown)

Sponsors: (unknown)

1420 XEEX Tijuana, BCN, Mexico  
 (no network)

Important: XEEX-1420 broadcasts Padres home games  
 only, and does not broadcast any road games in  
 Spanish! KOGO-600 and KICO-1490, however, do  
 carry all Padres games in English, both home  
 and away.

SAN FRANCISCO GIANTS

Announcers: Lon Simmons  
               Joe Angel

Sponsors: Chevron Gasoline  
               Chevrolet  
               Champion Spark Plugs  
               Bank of America  
               Blue Shield  
               Budweiser Beer  
               TWA Airlines  
               Farmer's Insurance  
               Long's Drug  
 (note: these sponsors are not heard  
 on KHVH-990 nor KCKY-1150)

560 KSFO San Francisco, CA  
 570 d-KCNO Alturas, CA  
 580 KMJ Fresno, CA  
 620 d-KWSD Mount Shasta, CA  
 630 KIDD Monterey, CA  
 980 KINS Eureka, CA  
 990 KHVH Honolulu, HI  
 1110 KPOP Roseville, CA  
 1150 KCKY Coolidge, AZ  
 1230 KDAC Fort Bragg, CA  
       KWG Stockton, CA  
 1310 d-KPLY Crescent City, CA  
 1340 KORV Oroville, CA  
 1490 \*KSYC Yreka, CA

(\*--The Giants' pocket schedule and media  
 guide for 1978 both list KSYC on the  
 Giants network, although KSFO did not  
 list KSYC in the 1978 network lineup)  
 (plus, an FM station in Reno, NV)

73 and good luck going after those late-night  
 ballgames.....BH.



**PACIFIC COAST LEAGUE BASEBALL**  
(by IRCA Sports Network List Editor Bill Hardy)

Credits: Thanks to Mike Endza and Bill Harms for helping yours truly with the following list of stations doing play-by-play of minor-league PCL baseball:

- Albuquerque Dukes . . . KUFF-1150 Albuquerque, NM
- Hawaii Islanders . . . KGMB--590 Honolulu, HI
- Phoenix Giants . . . KXIV-1400 Phoenix, AZ
- Portland Beavers . . . KYXI-1520 Oregon City, OR
- Salt Lake Gulls . . . ??KALL--910 Salt Lake City??
- San Jose Missions . . . KXRX-1500 San Jose, CA  
(only "selected games," because KXRX also has San Jose Earthquakes NASL soccer)
- Spokane Indians . . . KSP0-1230 Spokane, WA
- Tacoma Yankees . . . KMO--1360 Tacoma, WA
- Tucson Toros . . . ??KCUB-1290 Tucson, AZ??
- Vancouver Canadians . . . CKO-FM (96.1) Vancouver, BC

(KALL-910 and KCUB-1290 had Salt Lake and Tucson PCL games, respectively, in 1977; no word yet on if they're running the games in 1978)  
The PCL baseball season consists of 140 games per team, starting 4/14/78 and ending 9/1/78; playoffs following that. Most games are at night.

**1978 NASL SOCCER STATION LIST**

Compiled and typed by Sports Network Editor Bill Hardy.  
The station listings came directly from the North American Soccer League itself. Information current as of 4/7/78.

The 1978 NASL season began 3/31 and will end 8/6, with playoffs to follow. There are a lot of new cities in the NASL lineup this year - six brand-new franchises, plus a number of teams that shifted cities between seasons.

Where more than one station is listed for a team, the flagship station is underlined.

**CALIFORNIA SURF (Anaheim)**

KWRM-1370 Corona, CA  
(plus two FM stations)

**CHICAGO STING**

WTAQ-1300 LaGrange, IL  
(plus two FM stations)

**CARIBOUS OF COLORADO (Denver)**

In English:  
KWBZ-1150 Englewood, CO  
(daytime station with CP to go fulltime)

In Spanish:  
KBNO-1220 Denver, CO (daytimer)

**DALLAS TORNADO**

WFAA--570 Dallas, TX

**DETROIT EXPRESS**

WJR---760 Detroit, MI

**FT. LAUDERDALE STRIKERS**

WIOD--610 Miami, FL

**HOUSTON HURRICANE**

KTRH--740 Houston, TX

**LOS ANGELES AZTECS**

In English:  
KIIS-1150 Los Angeles, CA  
In Spanish:  
KWKW-1300 Pasadena, CA

**MEMPHIS ROGUES**

WREC--600 Memphis, TN

**MINNESOTA KICKS**

KAYL--990 Storm Lake, IA (daytimer)  
WWTG-1280 Minneapolis, MN  
KAUS-1480 Austin, MN  
(plus three FM stations)

**NEW ENGLAND TEA MEN (Foxboro, MA)**

No coverage to date

**NEW YORK COSMOS**

WNEW-1130 New York, NY

**OAKLAND STOMPERS**

KNBR--680 San Francisco, CA  
(plus one FM station)

**PHILADELPHIA FURY**

No coverage to date

**PORTLAND TIMBERS**

KEX--1190 Portland, OR

**ROCHESTER LANCERS**

WROC-1280 Rochester, NY

**SAN DIEGO SOCKERS**

KOGO--600 San Diego, CA

**SAN JOSE EARTHQUAKES**

KXRX-1500 San Jose, CA

**SEATTLE SOUNDERS**

KIRO--710 Seattle, WA

**TAMPA BAY ROWDIES**

WTRS--920 Dunnellon, FL (daytimer)  
WFLA--970 Tampa-St. Petersburg, FL  
WSEB-1340 Sebring, FL  
WPAS-1400 Zephyrhills, FL  
WGUL-1500 New Port Richey, FL (daytimer)  
(plus one FM station, plus a mystery station called "WPB," which doesn't show up anywhere in any of my station logs)

**TORONTO METROS**

No coverage to date

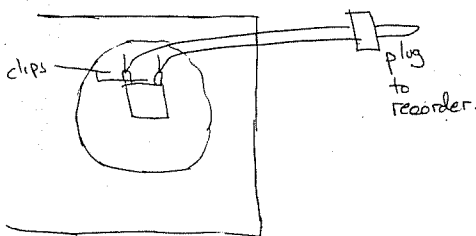
**TAPE INTERCONNECT-A STILL EASIER WAY!**

by BRIAN SHERWOOD-PHt (doctor of Transmogrification)

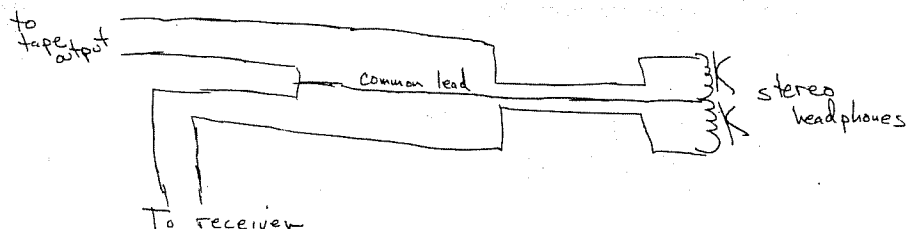
So you say you want to use a tape recorder in your shack! And you say you don't want to mess around inside your rx, or use 36,975 patch cords? Well, friends, your problem is solved! Just get yourself a patch cord (just one), with two alligator clips on one end and a 1/4" plug on the other. Radio Shack has one, #42-2421. Then take the front off your rx, or the top or back, or whatever, and hook the two alligator clips to the two solder-terminals on the speaker. Note I said on the speaker. If you don't have room inside the rx to do that, hook them anywhere along the speaker leads. Then plug the plug into the recorder's auxiliary input jack. Now, to record, simply turn the recorder on. The beauty of this system is you don't have to rewire the rx, or risk exposing yourself to electric shock or whatever. However, you may notice that you cannot listen to the tape and rx at the same time. However, I feel that you can always play the tape back later. If an ID is cruddy, distorted, or slopped-up, playing it back now instead of later will make no difference. Also, you could miss a clearer ID while playing back the tape. Even if you can listen to the tape and rx at the same time, you'll probably miss it in the time it takes to switch the recorder from play to tape, and run the fast-forward up to where the last ID ended. This fact is especially evident on ETs and f/c's. However, a way is shown to do this, if you feel it is necessary. Any questions can be addressed to:

Brian Sherwood  
221 Larch Ave.  
Elmhurst, IL 60126

To tape:



To listen to tape and rx simultaneously:

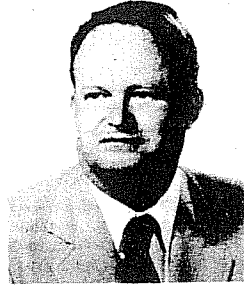


TULSA ROUGHNECKS  
 KRMF-740 Tulsa, OK  
 VANCOUVER WHITECAPS  
 CJOR-600 Vancouver, BC  
 WASHINGTON DIPLOMATS  
 WTOP-1500 Washington, DC

# McKay Musings

By George McKay, Jr.

Write to George McKay, Jr. Address him at 675 North Park Avenue, Pomona, California, 91766. He's interested in what you're hearing.



I hope you will read the article on the proposals the FCC is preparing to present to the WARC conference in 1979. One of the proposals is to add broadcasting in the band 115 to 190 kHz. Another is to enlarge the medium wave band up to 1800 kHz.

I can't understand why they have chosen 115-190 kHz. For many years in Europe they have used 150 to about 245 kHz. Looking in the World Radio-TV Handbook, the highest frequencies listed are 245 in Denmark and Turkey, 251 in Algeria and 254 in Finland. East Germany, Russia and Czechoslovakia use 272 and the USSR has the highest, 281. So it could be argued that the highest frequency in Western Europe is 245.

Going down to 115 you would think there would probably be bandwidth problems with audio frequency response. And as to the upper limit I believe that we should go along with the rest of the world and at least go up to around 245 kHz.

As I have said before, it's a shame we don't have long wave broadcasting in North America because it is a waste of a natural resource.

What the FCC has not addressed is the matter of spacing between stations. Shortly, standard spacing throughout the world will be 9 kHz instead of 10 as in the U.S. Australia and New Zealand are going to 9 kHz; I haven't heard what Japan is going to do.

If the 9 kHz spacing is adopted world-wide, except in the Americas, there is a strong possibility of night-time reception being degraded by multiple heterodyne whistles from distant stations operating from one to 10 kHz away from the one you might be interested in listening to. I understand that stations KNX and KFI in Los Angeles conducted experiments in December, operating one kHz offset from their assigned frequencies to determine the extent of the heterodyne problem. I have not received reports on the results at presstime.

Meanwhile, I would like listeners on the East Coast of the U.S. to write me and describe any heterodyne problems they might have experienced with stations in Europe and Africa.

It doesn't take much of a signal to produce quite a heterodyne, and I would think the problem would be quite noticeable in the State of Hawaii; and Hawaiian stations could not change to 9 kHz spacing without causing heterodynes in the continental U.S.

I know a lot of broadcast people would be really upset about all the minor changes in frequencies, but the resulting publicity could create new interest in broadcasting and help the AM broadcasters a lot.

If we fail to adopt the 9 kHz spacing we will be out of phase with the rest of the world. If we do the result will be 27 kHz between stations in the same area instead of 30, which won't make much difference in audio fidelity, besides which we will have more channels opening up in the present AM band, and with the proposed increase to 1800 kHz and opening up of a low frequency band there will be opportunities for greatly expanded service to the public.

In regards to the DR 22 receiver, we've been very pleased with the reception of this new product and it is in use world-wide, in Europe and Asia and so forth. When this receiver was under development I predicted that eventually half of our business or more would be foreign business, and it looks like that prediction will still hold true because it is starting to work out that way, because every place an easy-to-tune all-wave receiver has been needed for a number of years, and now we're very glad to offer that to the world.

The McKay Dymek DR 22 or DR 33 receiver may be the only AM radio you'll ever need. The reason: when you are not listening to or recording overseas news reports, political opinion or musical events, or the famous Voice of America jazz shows, our products bring in local broadcast stations with excellent quality, with full bass response down to 30 Hz.

The small size and attractive look of the DR 22 or DR 33 will make them welcome in any living room, den or library (however, we offer rack mounts for professional installations).

Now we're certainly pleased with the high volume of sales of our antenna products. And we have one of the most unusual lines of antennas for AM reception in the world with our two loop antennas, the DA 5 single band medium wave antenna and the DA 7 long and medium wave. We've had a lot of real good testimonial letters on those two antennas, including many from Europe.

The DA 100 is certainly working out very well for all-band reception. From a non-scientific standpoint it does seem unbelievable that a little whip can be the equivalent of several hundred feet of wire on the long waves and at the same time provide high gain on short waves, all in one unit. We feel a deep sense of gratitude to original purchasers of the antenna. Of course it has worked out for everybody who has installed one, and now with the hundreds and hundreds that have been sold our credibility with this fine product has been firmly established.

I'd like to point out that the DA 100 is very similar to the antenna used in the U.S. submarine service. The only difference is that they must use a specially designed case for use underwater where ours is of course mounted on the exterior amplifier module.

The DA 100, it seems to me, would be a good antenna for spy purposes if it was painted black! You could do a lot of things with it under some espionage conditions. We have sold a few to the CIA and of course we have no idea what they have done with them; all I can do is use my imagination.

Lately sales of our AM 5 and AM 7 receivers have picked up dramatically. Its been very encouraging.

It didn't take CBers long to take advantage of the new channels, 24 thru 40, which became available January 1, 1977. Tuning about with our DR 22 and 33 receivers, which of course receive all 40 CB channels, we hear a lot of activity including many single side-band signals on the new channels.

We would especially like readers to send in photos of our equipment in customer installations, for future use in the Dymek News.



Marty Lanser read Braille script. — A.P. photo.

## Blind U.W. graduate works as disk jockey, also skis

Compiled from news services

Some people have to see Marty Lanser perform to believe he can do all those things.

But not Lanser. He's blind.

That hasn't slowed him much. He has learned to ski and holds down a job spinning records for a radio station in Wenatchee.

"Before you assume I can't do something, ask me first," said the 23-year-old University of Washington graduate. "Don't try to decide in your own mind how I would do it. Don't assume what I can or can't do."

Lanser, blind since he was 2 months old, decided he wanted to be a disk jockey when he was in the eighth grade.

"I think the thing that kept me interested is that other people didn't think I could do it," Lanser said. "It encouraged me that much more to get into it."

After getting his communications degree in February, 1977, Lanser sent resumes and tapes to about 30 radio stations around the state. He finally landed a job with KWWW in Wenatchee in November.

"The reason he didn't get a job before is because people were nervous," said KWWW's station manager, Jim Corcoran, a former classmate. "When I hired him, it was made clear he had to carry his own weight."

Lanser arrives at the station about an hour before his air shift to give himself time to type his song lists, the program log and label the music in Braille. Wes Heimbecker, a high-school senior, reads the list to Lanser.

"It's pretty amazing how he gets around," said Heimbecker, who is interested in getting into radio himself. "It just goes to show you can do anything you want."

A Braille clock allows Lanser to give his listeners the correct time. The disk jockey on duty just prior to Lanser's shift reads him the weather report, which Lanser memorizes.

"A good deal of what he does here is just memorized," Corcoran said.

This winter, Lanser started taking skiing lessons at Mission Ridge.

"I'm privileged to work with a guy of his motivation," his instructor, Kim Peterson, said. "His balance is right on, his reflexes to catch himself are right on."

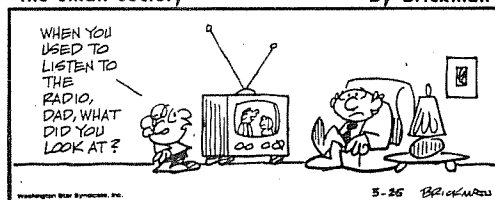
Peterson stays to the rear and to the right of Lanser as they ski down a slope. Peterson gives him directions based on the face of a clock. Twelve o'clock means straight ahead and 3 o'clock indicates a sharp, 90-degree turn to the right.

"When Kim is teaching me, we have to put our basic trust in each other," Lanser said.



the small society

by Brickman



# ADVISOR

EDITOR: ALBERT S. LOBEL  
 10514 CAMINITO BAYWOOD  
 SAN DIEGO CA USA 92126  
 DEADLINE: LAST WEDNESDAY  
 OF EACH MONTH

TELE-AD: 714-566-0092  
 TO 2145 + MH's TO 0700  
 PACIFIC LOCAL TIME!  
 SASE REQ. FOR REPLY

## PLEASE NOTE!

In order to place an ad in the Advisor you must be an IRCA Member! No ads will be accepted from non-IRCA Members. Several ads have recently been received from persons told by IRCA Members they can advertise in the Advisor. This is not this editors policy.

## SOLD

1976 WRTVH to Robert Steadman of Milwaukee WI for \$1.95.  
 Sold By: YE' EDITOR.

## Sale

Realistic Patrolman 6 portable - Model 12-756. 6-band AM/FM/PSB/VHF-lo/VHF-hi/UHF/VHF-air. Good condition, with original carton. \$39.95 ppd UFS.  
 NEEL G. ZANK, 2445 "E" STREET APT. 6, LINCOLN NE 68510

1978 Broadcasting Yearbook in mint condition (opened only for inspection). A bargain at \$35.00 (list price is \$37.50). I bought two through a mix-up and want to sell one.  
 JAMES J. WALLACE, 4719 E. BROAD STREET APT. D, WHITEHALL OH 43213; PHONE: (614) 868-8935

Antenna tuner made by Partridge Electronics (England). Size: 5 1/2" Wide, 2 1/2" High, 3" Deep. Most suitable for longwire antenna and the BCB frequency range. Does not provide any amplification. A little beat-up on the outside but electrically perfect on the inside. \$5.00 plus transportation.  
 ART PETERSON, 851 - 31st STREET, RICHMOND CA 94804

Lafayette HA-600 receiver, good condition, \$110; PLUS Multi-band portable radio, excellent condition \$50; PLUS Jana Electronics experimenter kit, \$25.  
 DAN LAWRENCE, P.O. BOX 957, WYNYARD SK CANADA SOA 4T0

## THE INTERNATIONAL RADIO CLUB OF AMERICA

A non-profit club devoted to listening to distant radio stations on the broadcast band (510 to 1630 kHz). IRCA is a member of ANARC, the Association of North American Radio Clubs.

OFFICERS: President-Bruce Portzer, 6546 19th Ave N.E., Seattle, WA 98115 (206-522-2521). Secretary-Treasurer-Rich Segalas. Board of Directors-Gregg Allinson, Philip Bytheway, Dr. Larry Flegle, Bill Hardy, Rick Heald, Rob Keeney and Father Jack Pejza.

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

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PUBLISHING STAFF: Editor-in-Chief-Donald Kaskey; Publisher-Rich Segalas; Staff-Mike Endza, Nick Hall-Patch, Eloise Kaskey, Larry Nebron, et al.....

Opinions appearing in DX FORUMS are those of the contributors and do not necessarily reflect those of IRCA, the publishing staff, or the DX FORUM editors.

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# Geomagnetic Indices



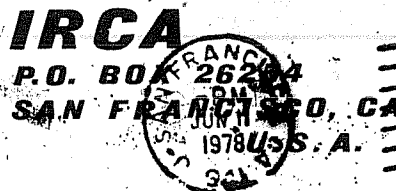
(Fredericksburg)

Date	A	K	Indices	Date	A	K	Indices
4/ 3	24	2-4-4-4-3-3-4-5		4/17	6	1-2-2-1-1-1-1-3	
4/ 4	27	4-5-4-3-2-3-4-5		4/18	13	3-4-2-2-1-3-3-3	
4/ 5	19	5-5-2-1-2-2-3-3		4/19	29	2-3-4-3-5-5-5-4	
4/ 6	8	2-3-1-1-3-1-2-2		4/20	13	4-3-3-2-2-2-2-3	
4/ 7	4	1-0-0-1-2-0-2-3		4/21	11	3-2-3-2-3-2-2-3	
4/ 8	4	1-1-1-0-2-1-1-2		4/22	9	1-2-1-2-3-2-3-3	
4/ 9	6	1-3-2-2-1-1-1-2		4/23	24	4-3-2-3-4-5-4-4	
4/10	32	1-2-1-1-4-4-5-7		4/24	31	5-5-4-4-4-4-3-4	
4/11	45	6-5-6-3-3-5-5-4		4/25	16	4-2-3-3-3-3-3-3	
4/12	24	6-2-4-3-2-3-4-3		4/26	19	4-4-4-3-3-3-2-3	
4/13	22	3-2-2-2-4-3-5-5		4/27	14	3-2-2-3-3-2-3-4	
4/14	31	5-4-4-4-5-3-4-4		4/28	14	4-4-2-3-3-2-2-2	
4/15	15	4-3-4-3-3-2-2-2		4/29	6	2-1-1-1-2-1-3-2	
4/16	8	3-2-1-2-1-1-3-2		4/30	32	3-3-2-5-5-6-3-4	

Date	Ott	Ssp	A	K	Indices
5/ 1	179	217	66	2-5-5-4-6-4-5-8	
5/ 2	180	242	62	7-4-7-5-5-5-3-4	
5/ 3	179	77	49	4-5-5-5-5-5-5-6	
5/ 4	175	106	60	6-7-6-5-5-4-5-2	
5/ 5	173	180	8	1-1-1-2-2-2-3-3	
5/ 6	170	194	7	2-1-1-2-2-2-2-3	
5/ 7	165	77	8	3-1-2-1-2-2-1-3	

Ott is daily Ottawa 10.7 cm solar flux value. Ssp is the daily sunspot number usually as observed at Boulder, CO. Zurich mean sunspot number for April, was 84.7 compared to 73.5 for March.

Page 530... June 10, 1978



## First Class

Dave Williams 2  
 Box 615, Hwy 101  
 Astoria, OR 97103

4 ISSUES LEFT  
 ON YOUR MEMBERSHIP.  
 PLEASE RENEW EARLY.