



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

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DX Calendar

Mon Feb 25	WJWL-900, Georgetown, DE, 1000w-ND, will conduct proof-of-performance test 0100-0200. May stay on until 0230. Will use tones of various freqs & modulation percentages, plus a special "signal beacon" for DXers. Send reports to Stephen G. Wallace, CE, WJWL/WSEA, P.O. Box 111, Georgetown, DE 19947. D.Truax,NRC.
Wed Mar 5	WJAZ-960, Albany, GA, 5000 watts directional, will have f/c 0000-0030 EST w/1 kHz TT & voice ID every 40 seconds on an endless loop tape. Phone 912-432-9181. CE, Sam Dudas, is hoping lots of DXers will tune in. Send reports to Sam's personal address: P.O. Box 772, Albany, GA 31702. Jim Wallace,IRCA/NRC.
Mon Mar 17	KMNS-620, Sioux City, IA, 1000 watts, will test 0130-0230 EST w/1 kHz tone, mx & voice/code IDs. Send reports to Steve Roberts, CE, KMNS, Box 177, Sioux City, IA 51102. W. Heinen,NRC.

Flash Tips

Some Flash tips this time: KSXX-630 in Sandy, Utah (near Salt Lake City) went fulltime (24 hours) on Thursday, 2/14, per Bill Harms....KURL-730 was on with their test 2/18; noted weakly in CKLG null here w/various TTs....KGAA-1460 in Kirkland, WA will go full-time "in about three months" per their GM/CE. Their nighttime pattern will protect KMWX & CJMH, with most of the power going northwest (towards Nick Hall-Patch's house). The antenna array will share a couple of towers with KYAC-1250....Cuba has introduced English language broadcasts on 600 kHz for listeners in N. America and the Caribbean. The programs carry the umbrella title of "The Voice of Cuba" and are aired from midnight to 6 a.m. ELT w/features similar to the Spanish language "La Voz de Cuba". This from the Feb 1980 Review of International Broadcasting, via Jack Lattemann.

Countries List Chairman Charles Taylor has informed us that a new IRCA Countries List is in preparation and will probably be finished around mid-April. In the meantime, he would like inputs from members concerning recent country statuses and names, as they apply to medium wave stations. For comments or more information write Charlie at Communications Annex, U.S. Naval Air Station, FPO, New York, NY 09560.

The Club DX Quebecois has a new address: C.P. 421-L'Ancienne-Lorette, Quebec G2E 4W6. Thanks to Denis Beauregard for this info.

Pete Taylor has sent along a couple more corrections to his articles on DXing in Africa and Asia: 1. Only Chinese mainland stations run the pips at 2-second intervals (except for the Shanghai local on 792). All others in that report have one second intervals; 2. The "Government" program heard on several Taiwan stations was assumed such because he heard it on a number of non-commonly owned stations. It was heard at 1200-1230, not 0000-0030, or 8-8:30 pm local time. 3. The CW things heard in Capetown on 599 and 799 were harmonics of beacons on 298.8 and 400 kHz.73, Bruce Portzer

★★★ NEW MEMBERS

from Rich Segalas
P.O. Box 26254
San Francisco, CA 94126

Bill Regan, 110 Cradock Street, Syracuse, New York 13207
 David Delatte, Rt. 2 Box 97B, Jackson, Louisiana 70748
 Kevin C. McCurley, 230 Walgrove Road, Reistertown, Maryland 21136
 Bjarne Hansen, Box 118; N-9980 Berlevag, NORWAY
 William Larsen, 8447 Gloria Avenue, Sepulveda, California 91343
 Judith Tracy, Rt. 4 Box 342A, Fayetteville, Arkansas 72701
 Frank Merrill, P.O. Box 7207, Toledo, Ohio 43615 (rejoin)

RENEWALS AS OF 08 FEBRUARY 1980

Mark Soltys, Howard Schafer, Dave Martin, Father Jack Pejza, Alan Merriman, Armand DiFillippo, Rob Gerardi, Mike Bernardin, Adolph Rattay, Jamil Alvi, Kenneth R. Carr
 Doug Pifer, Mort Meehan

ADDRESS CHANGES

Peter Nolan, P.O. Box 1524, Eugene, Oregon 97440

DON'T FORGET THAT ALL RENEWALS AND ADDRESS CHANGES SHOULD COME TO ME AT THE ABOVE ADDRESS.

Geomagnetic Indices

Fredericksburg, VA values

Anchorage A-Indices

Date	A	K - Indices	Date	A	K - Indices	Date	A	Date	A
1/14	7	3-2-2-2-2-1-1-1	1/28	22	3-3-2-2-4-5-4-4	1/14	14	1/28	58
1/15	5	0-1-1-2-2-2-2-2	1/29	18	4-3-2-2-4-4-3-3	1/15	12	1/29	38
1/16	7	4-3-2-1-2-0-0-0	1/30	10	3-2-2-4-3-1-1-1	1/16	11	1/30	20
1/17	11	1-2-3-3-3-3-2-2	1/31	4	2-0-0-1-1-1-2-2	1/17	22	1/31	8
1/18	4	1-1-2-1-2-0-1-1	2/01	10	2-1-2-2-2-1-4-3	1/18	8	2/01	13
1/19	3	1-0-0-1-1-2-1-1	2/02	9	2-3-3-3-3-1-1-0	1/19	9	2/02	14
1/20	5	2-1-1-1-1-1-2-2	2/03	2	0-2-1-0-0-1-0-0	1/20	8	2/03	10
1/21	5	2-1-2-1-2-1-0-2	2/04	3	1-1-2-1-1-1-1-0	1/21	12	2/04	12
1/22	5	1-0-1-2-1-1-3-2	2/05	3	0-0-1-2-1-1-1-1	1/22	10	2/05	12
1/23	5	1-1-3-2-2-1-1-0	2/06	31	0-3-4-5-5-5-5-3	1/23	10	2/06	99
1/24	4	0-0-1-2-2-2-2-1	2/07	13	2-2-3-2-4-2-3-3	1/24	9	2/07	18
1/25	8	0-0-1-2-3-2-3-3	2/08	13	3-3-3-3-3-2-3-3	1/25	10	2/08	30
1/26	6	1-2-1-1-3-1-2-2	2/09	11	2-3-3-3-3-2-2-1	1/26	12	2/09	19
1/27	19	2-3-3-3-4-4-3-4	2/10	4	1-2-2-1-1-1-1-1	1/27	39	2/10	9

No significant geomagnetic activity this period. Only magstorm of note occurred on 06 Feb. By the third week in Jan. conditions seemed excellent for N. path reception. But, the Midwinter Anomaly surely wiped out any chances for DX. Next update 3/22... 73's Dave Korinek. 2/18/80.

LAST MINUTE FLASH TIPS -----

Mon Mar 3 WJNR-1430, Newark, NJ will test 0100-0130 EST w/tones & vocal IDs w/possible ments of GWDXA. Phone:(201)688-5000. Reports go to Mr. Harry Randel, CE, WJNR, 1700 Union Ave., Union, NJ 07083 Arranged by Elliot Pollock, GWDXA.

Mon Mar 3 WGIG-1440, Brunswick, GA will test 0300-0500 EST w/5kw. Test will include tones, country MX, plus loads of IDs. DXers hearing the test may call (912)265-3870 or (912)264-WGIG. Reports may be sent to Bob Lafore, Engineer, WGIG, 801 Mansfield St., Brunswick, GA 31520. Arranged by Bob Lafore, IRCA.

EASTERN DX ROUNDUP

Bob Curtis, 17 Cobbleview Dr., Colchester, VT 05446

DEADLINES: Mondays - All times are Eastern Local

Splatter:

- "All reports from Florida." Bill Townshend - FL
 "Last week I had one new station, this week, two." Mike Saltmarsh - NH
 "This is easiest Delaware here, heard several times." (see WAMS-1380)
- Paul Mount - OH
 "New Province # 8." (see CKXL-1140) Rob Ross - ON
 "Actual DX (new stations) heard in noise-filled laundry." Paul Mount - OH
- 526 UUP ON, Uplands (Ottawa) 1/21 0112 Good. MCW beacon. (RR-ON)
 530a LHA location(?) Fair. MCW beacon. (RR-ON)
 640 KFI CA, Los Angeles 1/16 0258 Good w/r/r mx & ID by OM DJ. (RR-ON)
 870 WWL LA, New Orleans 1/31 1330 Two spots, one for furniture, then
 nx headlines w/male annrcs. Good. (WPT-FLs)
 880 WCBS NY, New York 1/29 1812 Spot for Eastern Airlines, talk show.
 Good. (WPT-FLo)
 890 WLS IL, Chicago 1/29 1813 T-40 mx. Fair. (WPT-FLo)
 910 WABI ME, Bangor 2/3 2312 Promo for game & ment of Orono, pr(BC-VT)
 920 CJCJ NB, Woodstock 1/30 0508 Good. Nx, wx & sx by OM DJ, ID and
 Beach Boys song. (RR-ON)
 940 *KIOA* IA, Des Moines 1/14 0209 Very good. Equipt tests, OM w/ID. (RR-ON)
 960 WFGL MA, Fitchburg 2/6 1638-1657 Fair, ID by M, pop mx. (MPS-NH)
 980 WRC DC, Washington 2/2 0355-0359 fair u/WONE w/talk, phone # 966-
 8255, said NBC Nx upcoming & ID as "WRC Newstalk 98". (PRM-OH)
 1040 WHO IA, Des Moines 2/2 0033 Girls' High School BKB scores (Where
 are you, Bobby Riggs? hi), OM annrc. Xlnt. (WPT-FLs)
 1060 WKKQ MN, Hibbing 1/7 0422 On for extreme wx warnings, Country
 Count Down, ID, wx, talk, c/w mx & PSA. Good. New. (RR-ON)
 1140 CKXL AB, Calgary 1/20 0452 Good. ID by OM, CKXL ment of Lethbridge
 "Sara"/Fleetwood Mac. New province # 8. (RR-ON)
 1150 WJBO LA, Baton Rouge 2/2 0100 Nat'l nx during break in Larry King
 Show. Good. (WPT-FLs)
 1210 WCAU PA, Philadelphia 1/29 1744 PSA for blood donors, spot for Am-
 erican Airlines, sports & talk show. Good. (WPT-FLo)
 1280 WGBF IN, Evansville 1/29 0100 w/ID & rock mx in laundry, then good
 at home 0115. (PRM-OH)
 1290 WIRL IL, Peoria 1/29 0043 Fair in QRM at 0043 w/ID at laundry,
 rock mx, new. (GJBK & Larry King on 1290 at home 0116)(PRM-OH)
 1350 KRNT IA, Des Moines 2/6 0230 Fair u/WSLR w/promo for KRNT Art Show
 at 0230, new. (PRM-OH)
 1360 WGEE WI, Green Bay 2/6 0237-0246 In well c/WSAI w/country, wx-
 casts, promos as "best modern country mx on WGEE", "Best Wis-
 consin country". (PRM-OH)
 1380 WAMS DE, Wilmington 2/6 0252 Good w/wx promo at 0252, slogan,
 "We're WAMS, the station of the 80's." This is easiest DE
 here, heard several times. (PRM-OH)
 1390 WCSC SC, Charleston 2/6 0253-0315 Fair o/u/CHOO & others at 0253-
 0315 w/Adult Contemp format, about 50% oldies, promo "1390 -
 WCSC" bumper stickers. Station called. (PRM-OH)
 1500 WTOP DC, Washington 1/29 1747 Nx, sports w/ment of local sports-
 caster, Mel Troctor. Fair u/WGUL, wx report heard minutes
 later w/max tempo of 40P. (WPT-FLo)
 1520 KOMA OK, Oklahoma City 2/3 0015 T-40 song by Fleetwood Mac. Good-
 xlnt. (WPT-FLs)
 1550 KOKA LA, Shreveport 2/1 0013 T-40 mx & ID by male DJ. Good o/u
 WOKJ. (WPT-FLs)
 WMOO AL, Mobile 1/21 0218 Very good. Testing, ID by OM, freq and
 50,000 watts. (RR-ON)
 1570 WPEP MA, Taunton 2/5 1659-1701 Fair, ID by F, nx at 1700. (MPS-NH)
 1580 KLOU LA, Lake Charles 2/1 0018 T-40 mx, ID by male DJ. Fair-good.
 (WPT-FLs)
- + 2/2 0251-0320 poor-good w/top 40, featuring new Knack album
 at 0251-0320, stn called, carries Earth News 0249. QRM from
 c/w stn, talk, lots of QRN. New. (PRM-OH)

1590 KRAD MN, E. Grand Forks 1/15 0128 Fair w/ad for KRAD contest, OM DJ, mx. New. (RR-ON)
 KYOK TX, Houston 1/31 2242 ID by OM, soul song by YL vocal. Fair-good. (WPT-FLS)
 WVNA AL, Tuscombua 1/21 0211 Good w/Oldies Show, OM DJ, trombone mx and ID. New. (RR-ON)
 1600 KCRG IA, Cedar Rapids 1/21 1600 Good w/s/off ID by OM DJ. (RR-ON)

PER THE LIST

1170 WVVA WV, Wheeling 2/3 0118-0120 Using dial-tone TT's. TT's ended at 0120, but OC was left on. (MPS-NH)

FIRST WEDNESDAY

1070 WFLI TN, Lookout Mountain-Chattanooga 2/6 0217 fair u/CHOK w/WIBC muller, rock mx, said testing at 0217. (PRM-OH)
 1360 WMFC MS, not heard (PRM-OH)

FIRST SATURDAY

1470 WBFC KY, 0402-0410 TT only heard o/u/WMBD/WOHO. (PRM-OH)
 1360 WMOV WV, 0447-0455 heard, various tones, IDs 0450 & 0455 giving tone freq. Semi-local, o/u/WSAI. (PRM-OH)
 1500 WKXO KY, 0425-0430 not heard, just WTOP/EZL. (PRM-OH)

REPORTERS THIS ISSUE

PRM-OH Paul Mount, 35½ West Columbus St., Nelsonville, OH 45764
 GE SuperRadio
 RR-ON Rob Ross, Box 4573, STM C, London, ON N5W 5J2
 Panasonic RF-1115, Nat'l HRO + longwire
 MPS-NH Mike Saltmarsh, 35 Fowler St., Penacook, NH 03303
 Mont'y Wards 1479, Nat'l NC-183 + longwire
 WPT-FLD DX'ing at Lee Road Holiday Inn, Orlando, FL
 WPT-FLS DX'ing at Long Key Holiday Inn, St. Petersburg Beach, FL
 Bill Townshend, 4500 Conn. Ave., NW, Washington, DC 20008
 Realistic TRF
 BC-VT Bob Curtis, 17 Cobbleview Dr., Colchester, VT 05446 SP-600

Thanks to Paul Mount for survey lists, particularly the Top-79 list. To Mike Saltmarsh - enjoyed all the interesting comments on your various activities along with your report.

Again, Paul Mount, thanks for sending along your 1979 Summary Sheet. Interesting reading and a good idea. Hope things go well for you in 1980. You might check your logs - there was a fair aurora on the evening of January 28th.

Did you notice, three or half the stations in Des Moines were reported in this column.

In case you noticed them, a couple of this week's reports were also in last week's column. It's bound to happen once in a great while.

73 and good DX

Bob Curtis

Washington Star 1/4/80

WMAL Regains Its Spot as Local Radio Favorite

via Greg Monti

By Dennis John Lewis
 Special to The Washington Star

WMAL-AM restaked its formidable claim as this area's favorite radio station on the basis of data released yesterday drawn from Arbitron's fall survey of over 1,500 area listeners.

Top 40-styled WPGC AM/FM saw its spring triumph (11 in listener shares) droop to 7.7 as WMAL resumed its longtime grip on the top spot, advancing from 9.3 to 11.8.

Most radio insiders credited WMAL's fall gains to two factors: its popular weekend Redskins broadcasts and the big money promotions for Q107, WMAL's FM partner, which ABC Radio has positioned as the Top 40 threat to WPGC.

A WMAL spokesman ascribed the victory to good programming and employing a "seasonal advantage" as

crucial to strong showings in Arbitron's three-times-a-year surveys. He said the Redskins appeal provided that advantage in the fall book, and listener interest in school closings and weather forecasts lend the same advantage to the winter ratings showings.

"But for some strange reason, the spring ratings is our worst book," he noted, adding a touch of wishful thinking. "Now if we had a baseball team we might gain a seasonal advantage. But this talk of a comeback is basically on paper — we've always been a very healthy radio station."

Yesterday's data showed WMAL drew 37 percent of all AM band listening. The Washington area remained first in the nation in its preference for FM stereo (FM band again grabbed 61.5 percent of all area radio listening).

Besides WMAL, ratings gainers included Q107, contemporary WASH-FM, news/talk WRC-AM, beautiful music WEZR-FM and country WXRA-FM. Among those losing ground this time: album rock DC101-FM, beautiful music WGAY AM/FM, country WPIK-AM, soul sounds WOL-AM and progressive rock WHFS-FM.

Arbitron's ranking of the top 10 stations: WMAL — 11.8; WPGC — 7.7; WGAY — 7.2; black album OK100 — 6.9; WASH — 6.5; tie, Q107 and black progressive WHUR-FM — 4.9; WJMD — 4.2; all-news WTOP-AM — 3.9; WRC — 3.7; country WMZQ-FM and album rock DC101 — 3.2.

The second 10-ranked stations: disco WKYS-FM — 3.1; tie, album rock WAVA-FM and classical WGMS AM/FM — 2.8; WEZR — 2.3; WOL — 2.2; progressive gospel WYCB-AM — 1.9; WXRA — 1.7; WPIK — 1.6; WHFS-FM — 1.2; Top 40/rock WWD-AM — 1.1; gospel WUST-AM — 1.

Bob Lazar
3837 Milan Dr., Apt. 1
Alexandria, VA 22305

Central DX Roundup

Deadline is now MONDAYS 85° to 110° W ----- All times Eastern

- 550 CFNB NB Fredericton, MM 3/4 0130-35 poor in mess but readable w/
frequent IDs, TC and C&W mx. (JA-WI)
- CHNO ON Sudbury, MM 3/4 0340-0400 fair o/u CHLN/mess w/ local spot, ID
and top 40 mx. (JA-WI)
- CHLN PQ Trois-Rivieres, MM 3/4 0340-45 fair briefly on top of mess w/
FF talk. (JA-WI)
- 560 KLZ CO Denver, 0413 to 0452 2/2 good w/ YL ancr, C&W mx and many IDs;
some as "56 KLZ", others as "Colorado Country". (RG-IL)
2/4 0220 female ancr w/ "Colorado Country KLZ" slogans playing
C&W mx. Stn was good in WIND null and CFOS & KWTO fairly quiet
(DW-WI)
- KLVI TX Beaumont, 1/21 2150 Lamar BKB game and break w/ SID. Fair u/
WIND. (MJ-IL)
- 570 WVMi MS Biloxi, in fair to good at 0150 on 1/26 w/ ID & mx. Back in at
0230 w/ ID & Ae nx. Real happy to land this one and the next
one listed for with the splatter from WHBQ on 560, nothing is
easy on this frequency! (SEM-TN)
- WFAA TX Dallas, in very good at 0155 to 0200 on 1/26 w/ tele-talk pgm,
ID, then anmt of going off the air for technical adjustments.
(SEM-TN)
- WNAX SD Yankton, 0500 to 0504 2/2 poor w/ ID then into nx. (RG-IL)
- 590 CKRS PQ Jonquiere, 1/26 2230 fair o/ WKZO/WOW/CKEY w/ SID. In clear at
2300 w/ nx in FF. (JA-WI)
- 610 CHNC QU New Carlisle, 1/20 2005 noticed a lot of eastern Canadians in
well, so flipped to 610 and caught a "say-osh-en-say" jx. In
rather well. (MJ-IL)
- 710*WGBS*FL*MIAMI Miami, 3/4 0150 fair o/ WOR/CJRN w/ ET-OC. Just ID "WGBS
Miami" hrd. (JA-WI)
- 740 KFVC CO Cortez, 1/28 0323-25 poor u/ KRMG OC w/ ID "KFVC Cortez" and
into C&W mx, then covered by SS stn. (JA-WI)
- KBAD NM Carlsbad, 1/23 0800 s/on w/ weak ID, ments of freq & power.
Poor w/ no CBL. Thanks to Rob Kramer for the into, finally
caught after many tries. (MJ-IL)
- 750 KMMJ NE Grand Island, 1/22 0810 finally caught w/ nx, IDs and spot.
Good, no WSB. (MJ-IL)
- 790 WTAR VA Norfolk, 0321 to 0342½ 1/28 good w/ pop mx, nx, wx, sports, a
few IDs as "79-WT" as well as call letter IDs. (RG-IL)
- 810 WMTS TN Murfreesboro, (tentative) 1/22 0813 Tennessee nx, but no IDs
before WAIT OC came on. Only one that fits. Very good and
alone. (MJ-IL)
- CJVA NB Caraquet, 1/26 1945-2000 fair u/ WGY w/ FF pop mx and ID @
2000. Good northeastern opening this eve. (JA-WI)
- 910 WGBI PA Scranton, 1/31 0200 ID and into CBS nx. At 0206 s/off w/ ment
to tune to WGBI-FM 101.3 & SSB. Good w/ WPDF. (DW-WI)
- KIKM TX Sherman, 1/28 0355-0400 poor-fair w/ oldies mx from 60's &
70's and SID. (JA-WI)
- CJDV AB Drumheller, 1/23 0142 male ancr w/ CJDV and Radio 91 IDs play-
ing C&W mx and mixing w/ KCJB's similar format until 0155 when
KCJB went to Ac nx. Fair. (DW-WI)
- CKLY ON Lindsay, 2/1 0045-0107 male ancr playing MoR mx, almost an FM
"BM" format, So. ON nx, sports, wx @ 0100, mentioned they
would return to air at 0457 and anthem @ 0106. Good. ID as
"Central Ontario Radio". (DW-WI)
- 920 KWAD MN Wadena, 2/5 0052 Ac nx ending, local ancr read nx, wx 7° for
central MN, s/off @ 0055 w/ no SSB. MN #33 and #11 on 920.
Good w/ WJAR's radar forecast nulled & no sign of KDHL. (DW-WI)
(That's good reception when you have to null Rhode Island to
hear Minnesota in Wisconsin!--ed)
- WJAR RI Providence, 1/31 0013 male ancr w/ promo for sports pgm, then
female ancr played record by Supremes, Steve Miller Band, ID,
mx "This is It", wx, ad, SID, more rock. Fair w/ KDHL. (DW-WI)
- 950 KOEL IA Oelwein, 1/13 2111 very good w/ ID but quickly faded down.
Last minute catch. (MJ-IL)
- WROL MA Boston, 1/14 0600 fair-good w/ s/on. (RK-IL)
- KLIK MO Jefferson City, 1/20 1810 AT40, spot for radio advertizing &
ID. Very good. Another last minute catch as WJPC will be going
fulltime "soon". (MJ-IL)

- 960 WABG MS Greenwood, 1/11 1809 good w/ ID as 96 ABG. (RK-IL)
 WFIR VA Roanoke, 1/31 pretty regular here but noted here first time w/
 Larry King. (DW-WI)
- 980 KSGM IL Chester, in very strong on 1/20 at 2303 w/ full s/off heard u/
 WSIX. (SEM-TN)
- 990 WNOX TN Knoxville, 1/22 0210 Ac nx ending at this time, promo for
 their sound off program, ID, into rock mx. Good. (DW-WI)
- 1070 KHMO MO Hannibal, 1/22 0926 1 1/4 hours after LSR w/ spot for something
 in Perry, IL, song & ID. Fair u/ WIBC. (MJ-IL)
- 1140 CKXL AB Calgary, 1/20 0156 female ancr w/ ad for Mother's Pizza Par-
 lor, ID, rock mx, SID @ Midnight, into Ricky Lee Jones mx.
 Good w/ WRVA's SP. (DW-WI) 1/20 0224 a relog, but in extreme-
 ly well w/ WRVA off. Enough for a report. (MJ-IL) (Don't hold
 your breath waiting for a verie, I just got a v/q from them
 after about a year--ed)
- 1180 VOA FL Marathon, 1952 to 2004 2/2 poor u/ WHAM w/ political commen-
 taries and nx in SS, Latin mx, ID on the hour as "La Voz de
 los Estados Unidos de América". (RG-IL) (Rob, I corrected your
 SS to what I think the correct phrase is--ed)
- 1190 KJLA MO Kansas City, MM 3/4 0250-55 fair o/ KLIF w/ top 40 & disco mx,
 ID, local spot and into nx. (JA-WI)
 *WLIB*NY*New York, 3/4 0228-37 fair w/ ET-TT and disco mx, 2 IDs @ 0230
 and 37, then off. (JA-WI)
- 1220 CHSC ON St. Catherines, 1/21 2040 ad for Gary's Great Giveaway Store
 in St. Catherines, SID, into Anne Murray mx. Good w/ WGAR
 nulled. (DW-WI)
- 1230 WQUA IL Moline, 2/4 0240 rock mx Better Luck Next Time Baby, ID, into
 vintage rock by Beach Boys. Atop the mess. (DW-WI)
- 1240 KAKE KS Wichita, 2/7 not new but heard them w/ Larry King Show which
 is new for them. (DW-WI)
 WJON MN St. Cloud, 2/4 0250 song "Don't Make Me Over", female ancr w/
 ID, wx -2°, into rock my by Spinners. Atop the mess. (DW-WI)
- 1250 WGL IN Fort Wayne, in good on 1/24 at 1833 for a couple of minutes w/
 sports nx, slogan ID "WGL, your sports stn" and mx. Another ID
 & spot heard at 1845. (SEM-TN)
 WKDX NC Hamlet, 1/22 0600 fair in brief WTAE silence w/ ID (probably
 part of s/on). (RK-IL)
- 1270 WEIC IL Charleston, in very clear on 1/22 at 0842 for several minutes
 w/ local basketball results, comments about the Charleston &
 Effingham teams, Chevy dealer spot and ID. Back in at 0850 w/
 wx and local "EIC" temp. (SEM-TN)
 WWCA IN Gary, 1/20 0215 jazz mx ending, ads for Gilberts Liquors &
 other local sponsors, ID, more jazz mx. Fair w/ everpresent
 WHBF. (DW-WI)
 WVOY MI Charlevoix, 1/22 0847 ment of ski reports on WVOY, then faded
 down. Good w/ WXYZ u/ WWCA 1/2 hour after LSR. (MJ-IL)
- 1290 CFRW MB Winnipeg, 1/27 0210 rock mx ending, wx, temp "-22° @ CFRW",
 into Fleetwood Mac mx. Fair w/ WHIO & unid others. (DW-WI)
- 1300 WTKC KY Lexington, 2/3 0020 heard ID & slogan "The best in the country"
 C&W mx by Conway Twitty, John Denver, Larry Gatlin. Stn was on
 top of unids and is ex-WBLG. I don't know if this is a format
 change for them or not. (DW-WI) (I think they were pop mx when
 I heard them as WBLG--ed)
- 1330 WNIX MS Greenville, 1/11 1800 fair w/ ID. (RK-IL) (Oops!--ed)
- 1320 WMSR TN Manchester, in fair u/ KRLW on 1/21 at 1746 w/ wx for middle
 TN, temp in Manchester, Savings Co. spot and mx. (SEM-TN)
 KXYZ TX Houston, 2/5 early A.M. Not new here but heard playing some
 black gospel mx and thought it might be. IDing as "The Gulf
 Coast's Christian Giant". (DW-WI)
- 1330 KFAC CA Los Angeles, 1/20 0500 fair-poor mixing w/ KWLL, WRRD, WPBC,
 KVOL w/ ID. Classical mx noted as early as 0350 but couldn't
 ID until this time, then IDed by accident; showed up on the
 tape of WRRD (which I also needed). (RK-IL)
 WRRD MN Minneapolis, 1/20 0500 fair w/ ID. (RK-IL)
- 1370 KDTH IA Dubuque, 1/13 0000 ID on hour "This is KDTH Dubuque" into NBC
 nx. Very good o/ WVON slop. (MJ-IL)
 *WKMC*PA*Roaring Springs, 1/23 0248 C&W mx ending, pause for about 15-
 20 seconds, then anmt "This is your radio stn WKMC Roaring
 Springs, PA", more C&W mx and same ID repeated. Fair w/ much
 QRW but ID heard clearly. (DW-WI)

- 1410 KQV PA Pittsburgh, 1/16 0007 ID into Larry King, poor. (MJ-IL)
 1/22 1843-45 good w/ "KQV Sportstalk Show" o/ WPOP. (JA-WI)
 CFMB PQ Montreal, 1/22 1900-05 good o/u WPOP/KQV w/ nx in what sounded
 like SS, ment of Quebec & Ottawa. I believe this stn has
 ethnic programming. Some kind of ethnic folk mx hrd earlier.
 (JA-WI)
- 1440 WBGR KY Paris, 1/31 1732-35 fair w/ nx and ID "WBGR Paris" then
 covered by WNFL. (JA-WI)
- KMLB LA Monroe, 1/16 0048 fair-poor w/ ID & T40 mx. (MJ-IL)
- 1490 KBUR IA Burlington, 1/9 0606 good thru WOPA OC w/ nx. WOPA back on at
 0611. (RK-IL)
- WPKY KY Frankfort, 1/10 0700 fair w/ ID in WOPA null. (RK-IL)
- WLRQ MI Whitehall, 1/10 0730 good in WOPA null w/ R&R. (RK-IL)
- WKVQ TN Knoxville, 1/28 0105 fair. Hrd Knoxville, Tenn. only then
 covered quickly by WOMI. (JA-WI)
- 1560 WBOL TN Bolivar, 1/19 0659½ good w/ s/on. (RK-IL)
- KBER TX Abilene, in very good on 1/21 at 1901 w/ s/off. WQXR was
 begining to cover this up. This is ex-KCAD. (SEM-TN)
- KGUL TX Port Lavaca, in good, briefly u/ WPAD w/ "KGUL Port Lavaca" ID
 at 1831 on 1/20 then gone. (SEM-TN)
- 1570 KBRI AR Brinkley, 1/26 1751-52 poor w/ local death notices, ment of
 Brinkley in spot. (JA-WI)
- KLEX MO Lexington, in very good at 1902 to 1917 on 1/26 w/ MO & OK
 basketball game (last 3 minutes of game), then TC, MPA spot,
 list of sponsors of game. Faded out and back in w/ farm-type
 program, farm dealer spot, and then very clear s/off and SSB.
 Was surprised as daytime stations in this area have a 1815
 s/off during January! Signal was very strong for 250 watts.
 (SEM-TN)
- 1580 WVKO OH Columbus, 1/17 0800 s/on w/ ment of xmtr site and IDs. Poor,
 soon buried. (MJ-IL)
- WSKT TN Knoxville, 1/17 0745 s/on w/ ment of Knoxville and faint ID,
 into Bible pgm. Fair and all alone. (MJ-IL)
- KGAF TX Gainesville, re Bob Lazar's reception, caught them the same
 night (1/5) at 1900 when they IDed as KGAF-FM and didn't sign
 off. I called the station and was told that the AM was off.
 ID was fair but clear and I'm sure it was KGAF. (MJ-IL)
- CBJ PQ Chicoutimi, in and out several times u/ a SS stn on 1/26 be-
 tween 2120 and 2145 w/ talk-type program in FF and one ID
 heard. (SEM-TN)
- 1590 WNTS IN Beach Grove, 1/28 0304 anc'r Brian somebody reading nx, wx 16°,
 into religious C&W-type ballads. Good w/ some QRM from WAKR.
 (DW-WI)
- 1600 KLAK CO Lakewood, 1/21 0300 good w/ anmt "You're listening to public
 affairs broadcasting on KLAK & KPPL-FM" into talk on taxes and
 other boring stuff. Good w/ pesty KCRG evidently off. (DW-WI)
- WAAM MI Ann Arbor, 2/5 0138 anc'r Fred Heller talking about Olympic
 games, time check "22 minutes to 2 on Wham radio", into mx by
 Carpenters, wx, more MoR mx. Fair to good w/ everpresent KCRG.
 (DW-WI)

PER THE LIST

- 1st Fri. 1360 WHBG Harrisonburg VA strong @ 0015. (MJ-IL)
 1470 WBTX Broadway VA poor @ 0016. (MJ-IL)

A TIP OF THE HAT TO THIS WEEK'S CDXR REPORTER ROSTER

- JA - Jim Albrecht, 3313 N. Weil St., Milwaukee, WI 53212
 (Panasonic RF-2200, Realistic TRF)
- RG - Rob Gerardi, 1418 N. Lincoln, Apt. D, Benton, IL 62812
 (DX-160, 300 meter beverage)
- MJ - Michael Jeziorski, 3908 Circle Dr., Brookfield, IL 60518
 (Realistic TRF)
- RK - Robert Kramer, 3406 W. Pierce, Chicago, IL 60651
 (HQ-129X, HQ-100C, two 4'x3' spiral loops)
- SEM - Sidney E. Marshal, 7224 Pam Dr., Millington, TN 38053
 (RF-2200, SM-2)
- DW - Dave Wurl, 908 W. 14th St., Marshfield, WI 54449
 (GE Superadio, Radio West modified TRF)

Some real nice catches this week. I'm fairly settled into the DC area. My
 new location seems pretty good for DX: none of the locals are near enough
 to cause much of a problem and the noise level is fairly low at times. 73.

WESTERN

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

DX ROUNDUP

All times are
Eastern Local

Phone for not WDXR tips: (206)532-6827 till 10:30pm(PLT)--no collect calls
DEADLINES: Thursdays 2/28, 3/6, 3/13, 3/20, 4/3, 4/17, 5/8, 6/5, 7/3

REPORTERS FOR THIS ISSUE:

- (WJH) Bill Harms-University Station P.O. Box 7428-Provo, UT 84602
FRG-7, 3' wedge
(ASL) Albert Lobel-P.O. Box 26762-San Diego, CA 92126
DX-150A, FRG-7, 87½" longwire
(SMM) Steve Mittman-2248 West 37th Street-San Pedro, CA 90732
Realistic TRF, FRG-7, 3' wedge
(MEM) Mark McMillan-Rt. 3 Box 381-Rathdrum, ID 83858
HQ-180, 1000' east Beverage, 880' SE Beverage
(DN) Doug Nyholm-2071 Cedar Street-San Carlos, CA 94070
FRG-7000, Radio West loop
(bp) Bruce Portzer-6546-19th NE-Seattle, WA 98115
HQ-180A, FRG-7, 4' loop
(RW) Robert Wien-1309 Dentwood Drive-San Jose, CA 95118
GE long-range portable, SM-2

- *****
550 KOAC OR, Corvallis 1/22 0310 hrd s/off w/KOY nulled (no sign of usual KARY or KMVI). Ment affiliation w/NPR. ID'd as KOAC Corvallis & KOAP-FM, Portland. Off by 0312:30 following SSB. Hrd once before at SRS, but first time hrd using nighttime DA
570 WNAX SD, Yankton 2/6 0317-0319 wiping out KLUB on east Beverage, (SMM) w/no KVI. Wx for MN, NE, ND, SD & IA. Also noted 2/6 0610. New.
590 WOW NE, Omaha 2/6 0310 super strong, poking holes in local (MEM-ID) KHQ. Mx, ID, wx, Beatles mx. My best u/a local. (MEM-ID)
700 WLW OH, Cincinnati 2/4 0203 w/NBC nx & spot for Ben Franklin stores. Long time no hear this one. Some XETRA-690 slop. (ASL-CA)
760 KFMB CA, San Diego 2/4 0000-0030 mx by a Mexican group called "Nucleo" and talk. No they have not gone SS. (ASL-CA)
790 KEKA CA, Eureka hrd here occ. on SSS. Sent quick v/l from Robin Lawson, Stn. Mgr. Address is Box 1386, Eureka, 95501. (DN-CA)
850 KOA CO, Denver 2/4 didn't hear KGOE DX test, but did have a nice talk w/Tony Larson on KOA. Talked about WKRP-1500 & KORN-1490. Nice to have other DX'ers back me up. Tnx. Also hrd some IRCA DX'er giving address of IRCA for plans on wedge on Larry King. Great advertising. (MEM-ID)
+2/4 0346 was trying for the KGOE test & happened to hear Mark McMillan on KOA's tele-talk program! Mark mentioned the test, the IRCA, WKRP in GA, his various antennas, & a few other things. Got most of it on tape. Nice plug for our club, Mark!
950 (XEGM) BCN, Tijuana 2/4 has now been off the air 54 days. (SMM-CA)
Ho hum, hi. (SMM-CA)
990 CBW MB, Winnipeg 1/21 0737 in good w/wx. Not new, but a very good signal. (DN-CA)
1040 KPOI HI, Honolulu 1/28 0743-0804 w/rock mx into world nx. After trying so long for this one I didn't expect an armchair quality signal. In like gangbusters. (DN-CA)
1150 (KAYO) WA, Seattle was off SM 2/10 0600-0900 leaving CKIQ/KAGO/KIIS fighting it out. Anncr on afternoon of 2/9 mentioned it was "the one morning a week we go off..." so may be regular SP. (bp)
1220 KCCS^t OR, Salem tent. 2/4 0859-0900 w/possibly s/on w/o SSB then into gospel mx. (DN-CA)
1310 KLIX ID, Idaho Falls weak 1/21 0751 thru KDIA's OC. (DN-CA)
1440 KOPA AZ, Scottsdale 2/6 0932 ID "KOPA" slogan, ad for a dragstrip. Very good w/KEYY-1450 slop nulled. (WJH-UT)
1450 KRBN MT, Red Lodge 2/2 2110 plug to listen to KRBN for Red Lodge boy's BB game. Lost. (MEM-ID)
+2/6 0108 ID, local ad, & promo for an upcoming program. Fair in KEYY null. (WJH-UT)
KEED OR, Eugene 2/4 0100 C&W song into ID and nx? Rough in KEYY null, but ID was audible. Finally a stn besides "The Key" on 1450. (WJH-UT)
KDXU UT, St. George 2/6 0910 "Regional wx from IMN on KDXU." Good in KEYY null. QRM from two or three stations. (WJH-UT)

- 1470 KUTY CA, Palmdale 1/31 logged call change back to KUTY (after being KUXX for a while) in XEBBC null. Also in 2/3 1445-1520 w/XEBBC off midday (KWIZ-1480 was still splashing though). Fair w/pop mx. Two minutes of local "nx & information" at 1500. (SMM-CA)
- KXOA CA, Sacramento ex-KNDE 2/3 finally logged the call change for this one w/XEBBC off all day and KWIZ-1480 slop nulled. At 2035 hrd talk about water, then lost to XEGU. Came through again at 2050 w/wx report, two ID's, and into light pop mx. Signal was quite poor at best. (SMM-CA)
- (XEBBC) BCN, Tijuana 1445 completely off the air all day Sun. 2/3 until 2130! Then left the air again around 3½ hours later (2/4 0100 approx.) to observe its usual early Sun. night/MM SP, although it left its carrier on this time (as usual). (SMM-CA)
- 1500 KXRK CA, San Jose 2/4 0600 definitely having problems w/reg. program which sounded like 10 watts. Improved later. (DN-CA)
- 1510 KMSD SD, Milbank totally surprised 1/21 while trying for KDJQ s/on. Hrd 0800 w/the s/on edition of the nx. Lost to KGA s/on 0803. Quick v/1 stating I set the new distance record, old record was Alabama. (DN-CA)
- 1540 KMFO CA, Aptos-Capitola noted using new call, ex-KKAP. (DN-CA)
- 1560 WPAD KY, Paducah 2/2 0600-0605 w/possible s/on. Flute-like SSB, ment. of 10kw day & 1kw night, full ID at 0605. Lost to GY-like QRM. (MEM-ID)
- KWCO OK, Chickasha 1/21 very weak 0616-0630 w/MOR mx. Only hrd this one once before. (DN-CA)
- 1570 CKTA AB, Taber 1/21 0601 mixing w/CHUB at about even levels. (DN-CA)
- 1580 KNIX AZ, Tempe-Phoenix 1/21 all alone on top, w/C&W mx. (DN-CA)

Feb. f/c's:

- 1st MM - KMTX--950 MT 0330-0345 (SMM-CA) (bp-WA) (DN-CA)
 KVAC-1490 WA 0315-0330 (bp-WA) (DN-CA)
 KBFI-1450 ID 0315-0330 (bp-WA)

2nd MM - KBMY-1240 MT no ID, but TT at listed time 0245-0250. (bp-WA)

DX TESTS:

- 850 (KGOE) CA, Thousand Oaks 2/4 0300-0430 (various tune-ins) DX test was not on. KGOE is a midday semi-local here, and at SSS obliterates KOA until their s/off. If they were on, they would have been bombing in w/a near-xlnt signal. By the way, KGOE has a CP for nighttime, but is currently still a daytimer. Also, they are D-3 (directional), not D1 as indicated in the bulletin +2/4 0330 not noted. (MEM-ID) (SMM)
- 900 (KUEN) WA, Wenatchee 1/28 0300 test not hrd, possibly due to TVI. (SMM)
 KUEN 1/28 0304-0306 w/ID at 0304 & TT. Very weak signal, TT almost sounded like noise. (DN-CA)
- 920 (KVEL) UT, Vernal 1/28 0700-0730 test not hrd. Too much KORK and KHJ-930 slop. (SMM-CA)
 +Test not heard. (DN-CA)
- 1440 (WGIG) CA, Brunswick was on per pb call to station, but not heard by him or me. (bp-WA)

UNID's:

- 710 2/4 0150 something here u/KMPC w/Ranchero mx. Possibly XEPS, not sure Gone on the hour w/no ID. (ASL-CA)
- 1310 1/21 0130-0203+ not sure if this was a program, a super long ad, or a test, but it sure was strange! They continuously played different one-minute spots--one after the other--entitled "This Day in History" by the U.S. Navy Recruiter! The faintness of the signal & QRM from KDIA prevented hearing dates, but each spot was different, so I suspect they were playing an entire year's worth of ads! Looped east. 1/27 0455 hrd w/KBET apparently off. Phone-in show. Hrd ID (SMM)
 "Good morning, you're on ?WKOK?" "W" is definite. KBET suddenly back on, other station gone. Suspect a network feed, Larry King? KQIL? Seriously doubt a "W" on 1340 unless freak cx. (RW-CA)
- 1340 Soul mx u/interview program 2/4 0505-0559. Likely WVON/WFBL. (bp-WA)
- 1390 2/4 0702 noted someone here w/FF. Atop only after 0700. 0700 s/on? (MEM-ID)

Wow, just missed getting the stiff penguin flipper. Nearly forgot Mark's 1250 unID. I can't believe it--TWO penguin flippers in the 2/9 issue. Bill hasn't been proof-reading my column before mailing, so I'll have to be more careful, hi. One other thing while I'm thinking of it. The deadline for the anniversary issue WDXR will be Thurs. March 6. So everyone in the WDXR area please report that week! ♡

EASTERN DX FORUM

THE COLUMN
OF THE 80's

Paul Mount
35-1/2 W.Columbus St.
Nelsonville, Ohio 45764
614 753 3280

GARY SIEGEL 2728- 106th St. Toledo, OH 43611 (via John Zondlo-PRM) 1/6
Time for another Forum report. Thanks to John Clemmer, last year's convention host for stopping by for a visit to T-town on 1/4 & 1/5. We managed to cover a pretty fair section of Toledo in the two days including a visit to Frank Merrill's antenna farm and resident record shop, hi! I noted when I was in Peoria that the general layout of Toledo and Peoria are very similar and wanted him to stop by and see for himself. He seemed to agree w/my observation even noting that many of the downtown street names are the same, many in the same order. Strange how two cities who are a shade behind the New York's and Los Angeles' excitement-wise should be such look alike's, but neither deserves any bad raps--at least we agreed on that, hi. DX-wise, 1979 saw 34 new stns added to the AM log for a 2482 total. 2,500 is now in sight for 1980, a figure I'd hoped to reach by the end of the seventies; too many NSPers I guess, hi. It sure is sad how much more crowded the band is now than it was back in 1966 when I started, it would be tough to hear as many quality catches now if I were to start anew, but some DX always seems to make it somehow, it's just the challenge that increases, it's part of what makes this hobby fun. My latest addition for example was elusive KLUV-1580 Haynesville, LA, caught them signing off at 6:00p on 12/31/79 to boost that frequency to 57 heard here. I thought it was an appropriate way to conclude 1979 and the decade, by hearing a most-wanted and getting a little "LUV" hi. Certainly a pleasant and positive to enter the 80's. Since I got rewarded so nicely at years end I'll pass the same along to you for 1980 and the 80's. Hope it will be everyone's best year ever as I hope everyone's Christmas was. Of course I wasn't too thrilled w/the outcome of the Rose Bowl, I saw too much White and as a result I saw red, hi. I'll try not to let it spoil all of 1980, hi. My 3 band totals stand at 3196 just behind Frank Merrill's 3202 as of 12/31/79 with whom I've run a tight race in this department since October shortly after his new FM & TV antennas were activated, wow, how those antennas pull in the DX! Whew! More later 73s.

JOE MARKEWICZ 524 N.Oakbend Dr., Suite 305 Duluth, MN 55811 (via JZ-prm)

It's been a few years since I've contributed so a quick intro is in order. I joined the IRCA back in 1970 and I'm employed by the Government of Canada. This would explain all my moving in the past 7 years. In those years, I've travelled extensively and had the opportunity to DX from a number of interesting locations on both coasts of Canada. This includes DXing from Newfoundland where Radio Monte Carlo was just as strong as I had heard them in Europe; from Long Beach, Vancouver Island where the daytime 'locals' were not from Vancouver but were instead a couple of Oregon 1 kw'ers. Also KNBR was a strong daytime favourite. My favourite spot was on a mountain 15 miles north of Kamloops, BC. Here daytime reception included everything along the West Coast plus everyone's favourite CHED and CBK. Also numerous trips have been made to Europe and down to the Caribbean. I guess my most listened to station when I listened from Venezuela and Colombia had to be WGBS-710. I'm not too sure if this was because WGBS was the only English station I could hear or was it due to the female announcer that kept me awake at 4 o'clock in the morning?

BILL WURTZEL 32 West 31st St. New York, NY 10001 (212)594-8498 Feb 6

Received my green IRCA T-Shirt and must say it looks great. I'll be wearing it around and to my health club which I recently joined. After the crash diet and now all that exercise I'm starting to look like a body builder. Anyone need their heavy radios lifted, hi? Bruce Portzer, the limerick about the FCC that you censored was only expressing our sentiments about seeing it dissolved. It wasn't an actual attack. A few members contacted me regarding what it said. The FCC doesn't read DX Monitor and couldn't care less what I wrote. I am trying to get a number of DXers into IRCA, but I know I must try harder. I plan to visit a lot of stns in NY when the cold spell breaks and get CMs, stickers, and whatever I can for my growing list of penpals. Please be patient, as I am also a busy songwriter/post. "INTERFERENCE"

I don't like fluorescent lights - Dimmer switches or TV sets
For when I DX late some nights - I hear TVI, buzzing and lots of hets
Something must be done about interference - So DXers can listen to their radios
Only a power failure making its appearance -
Or the cancellation of all TV shows!

DAVE YOCIS 502 McDonel-MSU- East Lansing, MI 48824 (517)353-1053 1/26

A brief intro from this new IRCAn--I'm 18, freshman here at MSU, originally from Connecticut, and DXer since October 1976, and NRCer for about 1½ years. I hope to get a few loggings into DXM as time goes on. Equipment here is DX-160 and SM-2, also a TRF that doesn't work in the dorm because the cord picks up mucho QRN and batteries are dead. I really appreciate the difference in foreign DX here as compared to New England, I miss my Cuban pests, hi. The DX-160 is not the best machine4TAs, but it gets the job done. When spring comes, I hope to convince someone that the 1400F stretch through woodland going NE of the window would make excellent Beverage land, but outside antennas are against University policy. An exception will have to be made, hi. My current project is for the Courtesy De-Programming Committee: I am trying to get the carrier current on 640 about 100 feet away to s/off for about 10 minutes some MM (it is, of course, NSP) and let me QSL KFI. (I wouldn't waste the stamp on Cuba). Haven't found the right person to talk to yet. Early AM is the only time for me, with QRN rising rapidly at SS and me being too lazy to get up for SR. I will be back. 73. (Welcome to IRCA Dave and let's see lots more from you-PRM).

NIEL WOLFISH 15 Donwoods Grove Toronto, ON M4N 2X4 2/6

Received a fine contribution yesterday for Graveyard DX Records from none other than our illustrious new EDXF editor (the one doing a fine job.) His efforts and those of Bob Curtis, Bruce Portzer, Roy Millar, Rob Wien, and Mark McMillian have all been greatly appreciated in the past 2 weeks. Now how about all you others in IRCA who haven't contributed, especially you who correspond w/me! (Yes that means you Mark, Tim, and Pete). If the rest of the year shapes up like January has, this year is going to be a bummer for DX: 10 new stns for Jan (down from 8 last year), & a few varies in, just WQXR, WSAN, and WAAM. Lately I have been paying a little more attention to SW, and a lot more attention to SW. (First SW stands for Short Wave, the latter for school work). However, I am looking forward to 2 vacation trips in late March: Shaker Heights OH for a non-DXpedition and then to Creemore (Dunedin) ON, for a super DXpedition w/a friend. If anything comes up from either trip you'll hear about it here eventually. Too bad Shaker Heights isn't near Nelsonville! (It is near Akron...-PRM) 73s.

ERNIE COOPER 5 Anthony St. Provincetown, MA 02657 (617)487-9337 1/30

It becomes rather difficult to think of a Forum when you try on a weekly basis, since we can't mention our DXings here. (OH?-prmm) I would like to suggest that those who DX only on MMs consider also SMs, for several stns take silent periods on SunMorn, like WRVA-1140, WBT-1110, WPOP-1410, WBSM-1420. If your time, work, and/or school sked permits, you might try some of the other days, too, for even w/the bands crowded, oftimes you can make a good logging on a channel like 1550, 1560, or 740, or anywhere for that matter. On auroral mornings, many regional channels yield interesting southern stns and even IAs. So long till next week. BoD, consider this: You laughed at NRC's heavy hand, when all poetry in Musings was censored. But you know what's not decorum/In IRCA's Forum? To mention DX on the Broadcast Band!

PAUL MOUNT 35½ West Columbus St. Nelsonville, OH 45764 (614)753-3280 2/11

Welcome to new rpters Dave, Joe, and Gary. You're next! My IRCA T-shirt looks fine also. Hope the column does, the ribbon is dying. Finally got around to updating my totals from last May; was wondering what #500 was. Good thing updating took awhile, it kept me up DXing this MM and #500 was heard today, in WDXB-1490 Chattanooga. Stn was called and spoke to Rick Richards, who said he's a DXer himself. Took a year to the MM for that 100 as #400 WJET heard 2/12/79. Previous hundreds took 36 days (400), 37(300), 21(200) and 23 for the 1st hundred. I see Dave Y has high totals quickly upon moving to the Midwest. Finally had a success-ful MM to highlight a great weekend, with 7 new stations. Two of them were IDs on apparent ETs; "KSD St. Louis MO" while listening to KTSA-San Antonio on 550, and "WZZD Philadelphia" while listening to the SS on 990 w/WNOX off. In each case the stn was needed and only that luckily caught ID heard. DX sent in to the columns. I think for tip exchanging it's important to know who's up when, and if you can call. There's the NE network in MA/NJ, who in the Midwest is up MMs or SMs? Please say so in your Forum and when it's OK to call. I am up almost every night of the week till 2 AM and MMs to 3 so feel free to call if something interesting is coming in. Totals now 502/374/4/9 plus 5 estados. FM 127/8/1/2, TV 21/6. Take care, 73. "I"

DX**Worldwide**
Elliot Straus
 Editor

 All times UTC
 Deadline Tuesdays

Box 168 - RedBank, NJ 07701 - 201-736-1681, M-F 18-2200, Wed 10-2200 ELT

TRANS-ATLANTIC DX ROUNDUP (All Connelly unless noted)

- 567 IRELAND Tullamore 2251 Feb 02, poor, QRMed by TV birdie; bits of Glenn Miller-style mx.
- 719 PORTUGAL Norte 2249 Feb 02, poor w/slow ballad mx.
- 756 PORTUGAL Lisboa 2247 Feb 02, good w/opera mx., YL vocal & violins.
- 765 SENEGAL Dakar 2205 Jan 31, like a local w/YL in FF, then plucked string mx. Upper Volta-747 present also, as a het on WHEB. Also at s/off w/NA @ 2258 Jan 31.
- 774 SPAIN Caceres 2207 Jan 31, good on car rx. w/accordion mx.
- 819 ANDORRA LaVieja 2254 Feb 02, poor w/FF talk by YL/OM.
- 882 ENGLAND Washford 2213 Jan 31, heard on car rx during WCBS fade; YL in EE. The 880/882 mix was mostly an ear-splitting het as BBC & WCBS were, on the average, at equal strength. 909 & 1089 were also in.
- 936 UNID 2210 Jan 31, apparent Slavic talk, maybe Ukraine.
- 1044 t MOROCCO 2257 Feb 02, soft mx. at pitifully poor audio level on potent carrier, looping toward Morocco.
- 1061 PORTUGAL Norte 2215 Jan 31, at monster level w/cl. mx., totally rolling o/KYW/CJRP.
- 1206 FRANCE Bordeaux 2230 Feb 01, loud w/YL in FF, on car rx @ RevereBch.
- 1557 FRANCE Nice 0540 Feb 02, poor w/YL/OM in FF. badly garbled by W₄XR slop.
- 1566 TUNISIA Sfax 0420 Jan 30, settled on this freq. w/BFO on & XERF null'd to see what might develop. A-index @ 18. @ 0425, a whistle came on strong as a transmitter took the air. Turned off the oscillator & found the strongest carrier I have yet heard here- a continuous tone on it up to 0430, then faint mx about one minute- NA I suppose-- followed by a OM unreadable buried in the swish. About 0432, the Muslim summons to prayer began, the volume building up, & by 0436, I took the HQ-180 off the crystal & let the muezzin fill the house w/sound. Strongest signal ever heard from Africa! Chanting went on to about 0450 after which the signal weakened & audio disappeared. On Feb 04, w/A-index @ 3 carrier already there at 0420 tune/in but developed no audio that night up to 0500. The carrier is semi-regular but getting readable sound on it is a much rarer event. Have made this report so detailed for the benefit of those westward from Denver who will surely soon add Sfax to their lists. (G.Martin-Co.)
- 1593 W.GERMANY Langenberg 0535 Feb 02, good w/YL GG vocal.

PAN-AMERICAN DX ROUNDUP

- 600 CUBA San German 1025-1100 Feb 02, good in EE, w'Caribbean mx, a personal tour of the Old Spanish Main'. ID as 'Voice of Cuba' address given as POB 60-17 Havana. (Gerardi-Ill.)
- 750 NICARAGUA Managua R.Sandino 1016 Feb 04, LA vocal & guitar mx, hyper talk in SS by OM ancr. (Latteman-Wa.)
- 760 MEXICO (unid) 1304 Feb 08, obvious XE daytimer heard s/on. R.Colosal ID. The call is on tape 3 times, & the 3rd letter sounds like EE W., but must be something else for I doubt if W is pronounced same way in SS as in EE. Anyway, something unlisted in any of my sources. (G.Martin-Co.) (SS W is ooo-vay doblay-ed.)
- 1090 MEXICO XEPRS 0943 Feb 04, strong steady signal w/KING off. ID as '1090 Gold Express' ads for oldies. (Latteman -Wa.)
- 1690 COLOMBIA Medellin (MDE) good w/continuous code ID's (-- ...) 0740 Feb 04. (Portzer-Wa.)

TRANS-PACIFIC DX ROUNDUP

- 650 HAWAII Honolulu KORL 1010 Feb 04, noted in passing w/good signal.
'Coral 65' ID. (Latteman-Wa.)
- 684 FIJI Labasa 0750 Jan 31, fair in Fijian. lots of KNBR slop.
It is surprising how often 684 comes in well, even tho KNBR is
only 4 khz. away, and Fiji is only 2.5 kw. (Martin-Ore.)
- 711 FIJI Suva 0920 Feb 04, assumed the one w/loud het on KFIA. only
bits & pieces of audio. (Harms-Ut.)
- 738 SOCIETY ISLDS R.Tahiti 0721 Feb 04, Island mx, FF talk. carrier
off @ 0730// 6135. Monster signal, w/KCBS slop. (Harms-Ut.)
- 747 AUSTRALIA Toowoomba 4QS 1158 Jan 31, fair w/EZL mx. into ABC mx
@ 1200. (P.Martin-Ore.)
- 747 JAPAN Sapporo JOIB 0944 Feb 04, weak-fair w/OM in JJ. (Portzer)
+1107 Feb 02, mixing w/4QS, about equal. (P.Martin-Ore.)
- 765 UNID 0945 Feb 04, carrier, weak-fair, looping TP. (Portzer-Wa.)
- 774 AUSTRALIA Melbourne 3LO 1105 Feb 01, w/ABC commentary after nx.
(P.Martin-Ore.)
- 819 NEW ZEALAND Rotorua 1YZ 0950 Jan 31, w/EZL mx & ancts. (Martin-Ore)
- 828 AUSTRALIA Sale 3GI 1108 Feb 01, // 774. (P.Martin-Ore.)
- 837 AUSTRALIA Rockhampton 4RK 1125 Feb 03, w/talk pgm. (Martin-Ore.)
- 846 t AUSTRALIA Canberra 2CY 1127 Feb 03, presumed to be the stn. w/
accented talk show. very weak, w/slop from 850. sounded // 837
but hard to tell. (P.Martin-Ore.)
- 846 t GILBERT ISLDS Tarawa VSZ 0930 Feb 04, maybe the het on KOA, no
audio. (Harms-Ut.)
- 855 AUSTRALIA Marysborough/Eidvoids-4QS/4QO presumed both here w/same
talk pgm. as 4RK-837, but much stronger, easily seperable from
850, w/out slop. Was strange as Northern Q, stns. were much
stronger than southern Aussies, normally the other way around.
(P.Martin-Ore.)
- 864 AUSTRALIA/N.Z. 1034 Feb 01, both here w/rr mx (Tonight show) &
presumed 7HO, as thry are more often heard than 4GR. (Martin-Ore.)
- 873 AUSTRALIA Sydney 2GB 0924 Feb 01, hrd w/MoR mx & ancts. fair.
(P.Martin-Ore.)
- 882 NEW ZEALAND Auckland 1YC 1130 Feb 03, in like gangbusters w/cl.
mx. & YL anncr. (P.Martin-Ore.)
- 927 FIJI Sigatoka-Fiji II 1140 Feb 03, heard w/Hindi pgm. YL ancr.
(P.Martin-Ore.)
- 954 t AUSTRALIA Sydney 2UE 0947 Feb 02, presumed w/tele-talk show.
soon buried by KJR slop. (P.Martin-Ore.)
- 1017 TONGA Nuku-Alofa Finally captured 9 minutes of this on tape, some
of it in the clear free of KTNQ-KDKA slop. The signal has been
here almost every night since the TP freq. changes in Nov. 78 &
appears early 07-0800 period. Sounded much like church mx 0826-
32 MM, Feb 04, piano, singing voices over the 1/2 hr. The signal
weakened before 0900, but at 0920, I have 3 minutes of mx of a
different flavor- instruments, no singing. First time I have
found audio portions clear of the 1020 ANers. So I am claiming
it at last, as country #71 and will say it came much harder for
me than Istanbul or Sabah a few years ago. (G.Martin-Co.)
- 1026 NEW ZEALAND Whangarei/Kaitia 1ZK/1ZN 0812 Jan 28, both presumed
w/Tonight Show & Wayne Mount. (P.Martin-Ore.)

CONTRIBUTORS:

- Mark CONNELLY 30 William Rd. Billerica, Ma. 01821
R-390A, MW-1
- Rob GERARDI 1418 N. Lincoln Apt. D, Benton, Ill. 62812
DX-160, 300 meter bev.
- Bill HARMS UNIV. Stn. POB 7428 Provo, Utah 84602
mod. FRG-7, 3' wedge
- Jack LATTEMAN 314 NE 56th St. Seattle, Wash. 98105
mod. FRG-7, MW-1
- Gene MARTIN 3303 E.Evans Ave. Denver, Colo. 80210
- Patrick MARTIN POB 843 Seaside, Ore. 97138
E.H. Scott, 230' lw.
- Bruce PORTZER 6546 19th NE Seattle, Wash. 98115
HQ-180A, 4' loop.

East Coast Groundwave Analysis

PHASE 1

COMPILED BY MARK CONNELLY FROM DATA GATHERED BY MIKE LEVINTOW, CHARLES TAYLOR, AND MARK CONNELLY. THIS PRINT-OUT GIVES A LISTING OF DAYTIME GROUNDWAVE STATIONS HEARD AT CLARK'S HARBOUR IN SOUTHWEST NOVA SCOTIA, AT CAPE COD, MA., AT BERMUDA, AND AT CAPE HATTERAS, NC. THIS INFORMATION HAS BEEN TABULATED IN A MANNER WHICH MAKES COMPARISONS OF RECEPTIONS ON EACH CHANNEL EASY.

FURTHER GROUNDWAVE STUDIES ARE DESIRED FOR THE FOLLOWING COASTAL LOCATIONS: CAPE RACE, NEWFOUNDLAND (SOUTHEAST CORNER)

PORT-AUX-BASQUES, NEWFOUNDLAND (SOUTHWEST CORNER)

ST. AUGUSTINE TO DAYTONA BEACH, FLORIDA

KEY WEST, FLORIDA

TURK'S & CAICOS ISLANDS, OR NORTH COAST OF DOMINICAN REP.

VIRGIN ISLANDS

BARBADOS

NIGHT-TIME DX REPORTS, ESPECIALLY OF TRANS-ATLANTIC RECEPTIONS, ARE WANTED FROM LISTENERS IN NATAL, BRAZIL; TIERRA DEL FUEGO/ FALKLAND ISLANDS, BARBADOS, BERMUDA, EASTERN NEWFOUNDLAND, AND THE SOUTHERN TIP OF GREENLAND.

PLEASE SEND ALL DATA TO: MARK CONNELLY - 30 WILLIAM ROAD -
BILLERICA, MA. 01821 USA

* CURRENT CALLS ARE USED WHEREVER KNOWN *

* ON EACH CHANNEL, STATIONS ARE LISTED FROM MOST DOMINANT (FIRST) TO LEAST DOMINANT AUDIBLE (LAST) *

	SW NOVA SCOTIA	CAPE COD	BERMUDA	CAPE HATTERAS
540	CBAC NS	WLIX NY	WGTG FL	WDMV MD
		WDMV MD		WETC NC
550	CFNB NB	WGNG RI	WGNG RI	WSVA VA
	WGNG RI	CFNB NB		WGNG RI
		WDEV VT		
555	-	-	ZIZ ST. KITTS	-
560	WGAN ME	WGAN ME	WGAN ME	WGAI NC
		WHYN MA	WGAI NC	WFIL PA
		WFIL PA		
570	WHCA NY	WHCA NY	WHCA NY	WGHS MD
		CJEM NB	CMHI CUBA	WHCA NY
			WGNS MD	
580	CJFX NS	WTAG MA	WKAQ PR	WLES VA
		CHLC QU	CJFX NS	WHP PA
590	WEEI MA	WEEI MA	WEEI MA	WGTH NC
			CHKV CUBA	WLVA VA
595	-	-	DOMINICA	-
600	CBAS NS	WICC CT	WICC CT	WCAO MD
		WFST ME	WCAO MD	WICC CT
			CMW CUBA	
610	WGIR NH	WGIR NH	WIOD FL	WIP PA
	CHNC QU	WIP PA	WIP PA	WSLC VA
		CHNC QU		
620	WLBZ ME	WLBZ ME	WVNJ NJ	WDNC NC
		WVNJ NJ	HISD DR	WVNJ NJ
630	WPRO RI	WPRO RI	WPRO RI	WHAL DC
	CFCY PEI	CFCY PEI	WQBS PR	WPRO RI
			CMHQ CUBA	WHPD NC
640	(LPRT) NS	(LPRT) NS	GUADELOUPE	CMQ CUBA
	CBN NF		CMQ CUBA	
650	-	-	HIAT DR	WSM TN
			USM TN	
660	WNBC NY	WNBC NY	WNBC NY	WNBC NY
				WESC SC
670	-	-	CHKP CUBA	CHKP CUBA
				WMAQ IL

680	WRKO MA	WRKO MA	WRKO MA	WCBH MD
			WPTF NC	WPTF NC
690	CBF QU	CBF QU	WAPA PR	UNNT VA
		WADS CT	WAPE FL	WAPE FL
699	-	-	HIDC DR	-
700	-	-	-	WLW OH
705	-	-	ST. VINCENT	-
710	WOR NY	WOR NY	WOR NY	WOR NY
			WGBS FL	
720	-	-	CMGN CUBA	CMGN CUBA
730	WJTO ME	WJTO ME	WACE MA	WGN IL
			WAL SC	WFHC NC
740	WCAS MA	WCAS MA	WMBL NC	WPIK VA
	CBHD NS	WGSB NY		WMBG VA
750	WHEB NH	WHEB NH	WHEB NH	WMBL NC
		WBMD MD	WSB GA	WBMD MD
760	-	WJR HI	CMCD CUBA	WSB GA
			WJR MI	WCPS NC
770	WABC NY	WABC NY	WABC NY	WJR MI
780	-	WABS VA	ZBVI BVI	WABC NY
790	WEAN RI	WEAN RI	WTAR VA	WABS VA
	WRUM ME	WTAR VA	WEAN RI	WTAR VA
		WRUM ME		WEAN RI
800	WCCM MA	WCCM MA	WTHR NJ	WSVS VA
	CHRC QU	WTHR NJ		WTHR NJ
810	WGY NY	CHRC QU	WKVM PR	WYRE MD
	CJVA NB	WGY NY	WGY NY	WCEC NC
		WYRE MD		
		CJVA NB		
820	-	-	?	UNID HET GROWL
830	WNYC NY	WNYC NY	WNYC NY	WNYC NY
			HIJB DR	
840	-	WRYH CT	4VEH HAITI	WRYH CT
850	WHDH MA	WHDH MA	WRAP VA	WHAS KY
		WRAP VA	WHDH MA	WRAP VA
860	CBH NS	CBH NS	WTEL PA	WKIX NC
		WTEL PA		WEVA VA
				WTEL PA
870	-	-	WHOA PR	WAYE MD
				WFLO VA
880	WCBS NY	WCBS NY	WCBS NY	WGTL NC
				WCBS NY
890	-	-	-	WRRZ NC
900	WKXA ME	WKXA ME	WEAS GA	WHNC NC
		WOTW NH		WIAM NC
		WJWL DE		WJWL DE
910	WABI ME	WABI ME	WSBA PA	WFLN PA
		WRCQ CT		WRNL VA
920	WJAR RI	WJAR RI	WJAR RI	WLAS NC
	CJCH NS	CJCH NS		WPTX MD
930	CFBC NB	WNNH NH	CFBC NB	WBBB NC
		CFBC NB	WPAT NJ	WITN NC
		WPAT NJ		WTHD DE
940	CBH QU	CBH QU	WINZ FL	WEEO VA
				WFNC NC
950	WROL MA	WROL MA	Q	WXGI VA
				WPEN PA
960	CHNS NS	CHNS NS	ZFB BDA	WFTC NC
		WELI CT		WBOC MD
		WFGL MA		
		WBOC MD		
970	WCSH ME	WCSH ME	Q	WRCS NC
		WWDJ NJ		WWDJ NJ
980	WCAP MA	WCAP MA	WRC DC	WRC DC
	CBV QU	WSUB CT		WKLM NC
	CKGM QU			WHEK VA
	WSUB CT			

990	CBAA NS	WLKW RI WZZD PA WNTY CT CBAA NS	WZZD PA	WBTE NC WZZD PA WANT VA
1000	CKBW NS	CKBW NS WLHS MA	?	WRAR VA
1010	WINS NY	WINS NY	WINS NY	WELS NC WSID MD UINS NY KDKA PA WBZ MA SIGNAL TRACE
1020	-	KDKA PA	KDKA PA	KDKA PA
1030	WBZ MA	WBZ MA	WBZ MA	WBZ MA
1040	-	-	-	-
1050	WJW NY	WJW NY WJNC NH	WJW NY	WJWS VA WJW NY
1060	WGTR MA	WGTR MA CJRP QU KYW PA	KYW PA	KYW PA UNID
1070	CBA NB	CBA NB WKMB NJ WKDR NY	WNCT NC	WNCT NC
1080	WTIC CT	WTIC CT	WTIC CT	WJDR NC WTIC CT
1090	WILD MA	WILD MA WBAL MD CHRS QU	WBAL MD	WBAL MD WBZB NC
1100	WHLI NY	WHLI NY	WHLI NY ZDK ANTIGUA	WHLI NY
1110	CBD NB	WHIM RI WVNH NH	WZAM VA	WZAM VA WBT NC UNAR PA WHIM RI
1120	-	WJST DC	Q (SPUR)	WJST DC
1130	WNEW NY	WNEW NY	WNEW NY	WNEW NY WPYB NC
1140	CBAP NS	CJTR QU WRVA VA CBI NS CBAP NS	WRVA VA	WRVA VA
1150	CHSJ NB	WHUE MA CHSJ NB WCNX CT WSKW HE WDEL DE	WDEL DE	WGBR NC WDEL DE WQRB NC
1160	-	-	?	WJJD IL
1165	-	-	ANTIGUA	-
1170	WVLC MA	WVLC MA WJMQ MA WHLW NJ	WHLW NJ	WHLW NJ WVVA WV
1180	-	WHAM NY	WHAM NY	WHAM NY
1190	WKOX MA CHTN PEI	WLIB NY WKOX MA CHTN PEI WANN MD	WLIB NY	WANN MD WJML NC
1200	-	-	-	-
1210	-	WCAU PA	WCAU PA	WCAU PA
1220	CKCW NB WSHE HE	WSHE HE WRIB RI WJHN CT CKCW NB	Q	WFAX VA WENC NC
1230	WESX MA	WESX MA WERI RI	ZBM1 BDA	WJMC NJ WJNR VA
1240	WOCB MA	WOCB MA	Q	WJNC NC WJBB NY
1250	WJUY HE	WJUY HE WKBR NH WJTR NJ	?	WJSR VA WJAB NC
1260	WEZE MA	WEZE MA CIHI NB WJHM CT	?	WJBJ NC

1265	-	-	ST. KITTS	-
1270	WTSN NH	WTSN NH WSPR MA CJCB NS WTJZ VA	CJCB NS	WTJZ VA WMPM NC
1280	WABK ME	WABK ME WADD NY WEIH MA	WADD NY	WYAL NC WADD NY WSFD DE
1290	WICE RI	WICE RI WGLI NY WKNE NH	WGLI NY	WGLI NY WTUX DE
1300	WJDA MA	WJDA MA WAVZ CT	?	WFBR MD WYNG NC
1310	WLOB ME	WLOB ME WICH CT WORC MA WGH VA	?	WGH VA WTIK NC
1320	WARA MA	WARA MA WATR CT	?	WEET VA WEEW NC WICO MD
1330	WDLW MA	WDLW MA WEVD NY	Q	WESR VA WCPQ NC
1340	CJLS NS	WNBH MA WMID NJ WFAU ME WGAU MA CJLS NS WNHC CT	ZBM2 BDA	WMID NJ WHAP VA
1350	CKAD NS	WLNH NH WHWH NJ WNLK CT WNIS VA	Q	WNIS VA 2 UNID'S
1360	WNSR MA	WNSR MA WDRC CT	?	WEBB MD WUBZ NJ WCHL NC
1370	WDEA ME	WFEA NH WHYD RI WDEA ME WALK NY	?	WJWS VA WALK NY WIKI MD
1380	WBBX NH	WBBX NH WBNX NY	WBNX NY	WTVR VA WBNX NY
1390	WPLM MA	WPLM MA WRIV NY	?	WEED NC WEAH VA
1400	WHCS ME	WIDE ME WOND NJ WALE MA WLLH MA WHCS ME	WOND NJ	WOND NJ WUOC
1410	WOKW MA	WOKW MA WPOP CT WDOV DE WHTG NJ	CIGD NS	WDOV DE WGGM VA
1420	CKDY NS WBSM MA UNID	WBSM MA WASR NH WLIS CT CKDY NS	WBSM MA	WDDY VA WVOT NC
1430	WXKS MA	WXKS MA WNJR NJ	WXKS MA	WNAV MD WKDH VA WNJR NJ
1440	WJBQ ME	WJBQ ME WFTQ MA WNYG NY WBIS CT	?	WNYG NY WNVB NJ WKLK VA
1450	WRKD ME	WIIN NJ WRKD ME WKRI RI WKXL NH	Q (SPUR)	WIIN NJ WFOG VA
1460	WBET MA	WBET MA WPRW VA WVOX NY	?	WPRW VA WEMD MD

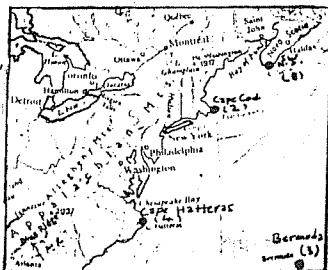
1470	UNBP MA	UNBP MA WLAH ME WSRO MA WMMW CT	?	WJDY MD WPNC NC
1480	USAR MA	USAR MA WJIT NY	USAR MA	WLEE VA WJIT NY WYRN NC
1490	WPOR ME	WPOR ME WUSS NJ WHAV MA	WUSS NJ	WUSS NJ WWDE VA
1500	-	WFIF CT	WTOP DC	WTOP DC WSMX NC
1510	WITS MA	WITS MA WNLC CT	WNLC CT	WJIC NJ WITS MA WEAL NC
1520	-	WIBG NJ WTHE NY	WTGR SC WKBW NY WIBG NJ	WEXM VA WIBG NJ WTHE NY
1530	WRXV ME	WRXV ME WDJZ CT WQBR NC	WQBR NC	WQBR NC WRBX NC
1540	WKXR NH WADK RI	WADK RI WKXR NH	WADK RI	WADK RI WKIE VA URCP PA
1550	WNTN MA	WNTN MA WVAB VA WMLB CT	WVAB VA	WVAB VA WGNL
1560	-	WQXR NY	WQXR NY	WTRQ NC WQXR NY
1570	WBVD MA WPEP MA CKLM QU WRCN NY	WBVD MA WRCN NY WPEP MA CKLM QU	?	WTOW MD WNCA NC
1580	CBJ QU	WYFA NY	WYFA NY	WPGC MD WILA VA WYFA NY
1590	WARV RI WSHN NH	WARV RI WQQW CT WSHN NH WETT HD	?	WETT MD WGOE VA
1600	WUNR MA	WUNR MA WLNQ NY WURL NY	WURL NY	WCPK VA WKEN DE

MAP LOCATION: 1 2 3 4
g. c. 43.5N/65.3W 41.7N/70.0W 32.7N/65.0W 35.5N/74.6W

DX GEAR USED

LOC.

- 1 car rx., TRF, Sharp portable
- 2 R390A & phased 37m LW's at house, TRF at beach
- 3 R390A, SPR4, loop, 100' LW
- 4 SPR4, loop



This article should help East Coast DXers to predict daytime receptions, just as the NRC Pattern Book assists with night-time domestic DX predictions. Until a day pattern book becomes available, these studies are the best aids we have. Other DXers may wish to compile similar analyses for the West Coast and for the Midwest/Great Lakes regions.

Kanadian Korner

Kanadian Korner...Knews from "The Frozen North"! typed by Val N. Tine

- 590 BC CFTK Terrace drops all CBC stuff(now via CBTH-FM)
 600 BC CJOR Vancouver now ONLY IDs as "Oh-R-Sixty" "O-R we the one".
 680 ON CFTK Tromma...will have 25kw. N from a site near Grimbsy.
 710 PQ CBF-1 lprt is ex CBFK...earthshaking news, eh!
 880 SK CBHD lprt moves to become CBKJ-FM. CBKJ-740 is now CBTG.
 940 BC CIBL Richmond "Sea-Isle" will open 3/1 NSP 2 $\frac{1}{2}$ kw. Ex CFTG.
 CHTC errored by saying the 1260 one got the CP. C-isle also has an OK for a twin on 1600 in Delta. K-free'll kill'em. Tnx to Sys & Carlson & Mom! Another NSP local here.
- 990 PQ CBEI is now CBF-2...CBFW now -5...CBFB now -6...lprts of CBF-690.
 1000 PQ CFLP Rimouski will have a part-time twin at 1220 Amqui, Québec
 1110 AB'CHQT Edmonton uses "Closest to the Community" & "UNrocker" slogans.
 1140 PQ CBEF is now CBF-3...lprt of CBF-690 Montreal, Quebec
 1220 PQ C Amqui will be 5kw. U2 & twin CFLP-1000 about 50% of the time. CP once denied & was to twin CHER then. Will carry NEL via CFLP
- 1230 BC CKTK Kitimat drops all CBC(now via CBUK-FM).
 1240 NB C Grand Falls...application for a CJCJ-920 twin here.
 1240 BC CFNI Port Hardy is call(not CFPH...my missteak). NI-North Island.
 1240 NT CFCD Yellowknife is on. Should be an easy one!
 1260 BC C Richmond. See 940!
 1280 PQ CKCV Quebec wants 50kw. day & night.
 1340 BC CBXO Ocean Falls is now CBXO-FM.
 1350 NS CKAD and its twins will drop all CBC when new CBC-FM 100kw. arrives.
 1380 NB C Moncton 10kw. U2 wants a private French stn.
 1400 NB C Moncton 10kw. U2 wants an English thing. Bets are on 1380!
 1430 AB CJXX Grande Prairie is on. Was to be NSP(as CFCG-1050 is).
 1450 PQ CHER Pokhégamook gets OK for 1kw.
 1470 ON CHOW Welland will carry Blue Jays BB next season.
 1470 BC CJVB Vancouver. "All Canadian Radio" is new slogan. New Night pattern slops all over C-fun 1410 in much of Burnaby. Styxx with Chinese mx in background sounds great.
- 1480 AB C Edmonton. Application(formerly FM) for 50kw. U2 for a CJVB-type multi-language stn. CHUM got a reject here.
- 1490 ON CBEL lprt will move to FM 90.1 2.6kw.
 1530 MB C Winkler-Morden got the OK for 10/1kw. Another Metro Winnipeg!
 1600 BC C Delta. CIBL got OK for a twin here. Don't hold your breath!

Stuff: 5 AM applications for Nanaimo, BC...CJCI wants to buy CKCQ & twins... The 900 Penticton//1490 Oliver thing may rise again plus CKOK's 1490 Oliver. CKGP-1340 is under new owners(do they still twin CKOK?)so CKOK doesn't mention them at s/off. National Park Information Stations: CFBG(English) & CBPG-1(FP) East Gate & CBPH(EE) & H-1(French) at Banff Avenue Info. Centre. CBEP-1230 is at Columbia Icefields in JNP & like the other HP stns. do not carry CBC stuff. CBC just maintains them. CKUA-580 has a 100% //FM network in Alberta.

NHL Edmonton Oilers: CFRN-1260(Rod Phillips): CJDV-910, CHOA-1400, CJYR-970 & network, CJOK-1230, CIOK-1310, & its CP-1340, CJYX-1430, CKKR-1330 SK, CJNB-1050 & twin CJNS-1240. Note that the CJDV twin, CKBR-1340 is not on net. Add CFLP-1000 & 1220-Amqui CP to NHL Quebec list.

CFL Calgary 1980: CFCN-1060(CFVP 6030) & CHOA-1070 & CKTA-1570 playoffs only.
 CFL Edmonton '80: CJCA- 930(Bryan Hall), CFCG-1050, CJYR-970 & network.

U.S. AM spacing scheme gets government go-ahead

The U.S. delegation to a regional radio conference to be held next March in Buenos Aires, Argentina, has been given the go-ahead to seek 10-kHz to 9-kHz reduction in the spacing between AM radio channels—a move that the U.S. hopes will create many new slots on the AM band for commercial broadcasting. The spacing scheme has been approved by the FCC and endorsed by the Commerce Dept.'s National Telecommunications and Information Administration division.

Although the government sees 9-kHz spacing as a way to create new opportunities in broadcasting, the proposal has run into opposition from several quarters. Other nations in the Western Hemisphere, which would have to agree to the reduction, have voiced concern over potential interference. U.S. broadcasters say they're concerned not only with technical problems but with the economic consequences of many new entries in their field.

If the Buenos Aires conference goes along with the U.S. proposal, a meeting will be set up later to apportion the newly created frequencies among the participating nations. Because of that, U.S. officials are cautious about predicting how much spectrum space will be opened up through the switch.

A Transatlantic DXers Guide to Sunrise & Sunset Times

by Mark Connolly

The purpose of this article is to provide a handy reference to sunset and sunrise times relevant to the reception of Trans-Atlantic signals. Medium-wave TA paths are most likely to be viable when the entire path is in darkness; therefore, the sunset time on the western hemisphere end of the path and the sunrise time on the eastern hemisphere end set the approximate beginning and ending times, respectively, of TA DX reception. The actual times of fade-in & fade-out are determined by sunset at the most westerly ionospheric skip point and by sunrise at the most easterly ionospheric skip point. Because of this, reception may occur up to an hour before sunset on the western end and also up to an hour after sunrise on the eastern end. This effect is accentuated if the receiving site and transmitting site have salt water in the direction of propagation for the first 10 km. or so of the route. This article does not attempt to predict exact fade-in & fade-out times; such a project would require a complicated propagation study - daily changes due to ionospheric condition variation will occur.

These listings have been adapted for MW TA DX from a more general list published by SPEEDX, an SWL club. Times listed are GMT; they are for the middle of the month (the 15th).

TABLE 1: WESTERN HEMISPHERE SUNSET TIMES—(TA reception begins.)

LOCATION	APPROX. G. C.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Natal, Brazil	35.1W	2030	2026	2022	2018	2014	2011	2012	2015	2020	2023	2027	2030
Rio de J., "	5.5S 42.7W 22.5S	2128	2113	2055	2035	2019	2010	2013	2027	2045	2105	2122	2132
St. John, NF.	52.7W 47.6N	1949	2032	2120	2213	2257	2323	2314	2236	2146	2055	2006	1939
Surinam	56.5W 3.8N	2140	2143	2145	2149	2151	2152	2152	2150	2147	2144	2141	2140
Barbados	59.8W 13.5N	2137	2146	2157	2208	2218	2223	2221	2213	2203	2151	2141	2136
Falkland Is.	61.0W 50.8S	2359	2310	2216	2117	2027	1957	2008	2051	2147	2245	2340	0011
Halifax, NS	63.6W 44.6N	2048	2122	2205	2252	2332	2355	2346	2318	2228	2142	2058	2034
Bermuda	65.8W 32.3N	2125	2149	2217	2247	2312	2326	2321	2300	2232	2202	2135	2120
Puerto Rico	66.2W 18.5N	2154	2207	2221	2238	2250	2258	2255	2244	2229	2214	2159	2152
Venezuela	67.0W 10.5N	2211	2218	2226	2235	2242	2246	2245	2239	2230	2222	2214	2210
Boston, MA	71.1W 42.4N	2120	2156	2235	2319	2355	0017	0009	2338	2257	2214	2134	2112
Montreal, QU	73.6W 45.5N	2120	2200	2244	2334	0014	0038	0029	2354	2309	2221	2136	2111
New York, NY	74.0W 40.7N	2137	2210	2247	2329	0003	0023	0016	2347	2308	2227	2150	2129
Washington, DC	77.0W 38.5N	2155	2226	2301	2340	0011	0030	0023	2356	2320	2242	2207	2148
Toronto, ON	79.4W 43.6N	2149	2227	2308	2354	0032	0055	0046	0014	2331	2246	2204	2141
Miami, FL	80.2W 25.5N	2239	2257	2317	2339	2357	0008	0004	2349	2328	2306	2246	2235

TABLE 1 (continued): WESTERN HEMISPHERE SUNSET TIMES

LOCATION	APPROX. G. C.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Costa Rica	84.1W 10.0N	2320	2327	2335	2343	2350	2354	2352	2347	2339	2331	2323	2319
Atlanta, GA	84.2W 33.5N	2237	2302	2330	0002	0028	0043	0038	0016	2346	2315	2246	2231
Chicago, IL	87.6W 41.9N	2228	2303	2342	0025	0100	0121	0114	0043	0003	2321	2242	2220
Houston, TX	95.2W 29.5N	2329	2351	0015	0042	0104	0116	0112	0053	0028	0002	2338	2325
Denver, CO	105.0W 39.4N	2340	0013	0049	0129	0202	0222	0215	0146	0109	0030	2353	2333
Los Angeles, CA	118.3W 34.1N	0051	0117	0146	0219	0245	0301	0255	0233	0202	0131	0101	0046
Seattle, WA	122.2W 47.4N	0027	0110	0158	0251	0335	0401	0352	0314	0224	0133	0044	0017
San Fran., CA	122.4W 37.8N	0058	0128	0202	0239	0310	0326	0321	0255	0220	0144	0110	0052
Vancouver, BC	123.1W 49.2N	0024	0110	0201	0257	0344	0413	0402	0321	0229	0134	0042	0013
Anchorage, Alaska	149.8W 61.2N	0056	0220	0341	0510	0629	0725	0703	0550	0425	0258	0131	0034
Hawaii	157.7W 20.0N	0358	0411	0427	0445	0459	0507	0504	0452	0436	0419	0403	0355

TABLE 2: EASTERN HEMISPHERE SUNRISE TIMES - (TA reception ends)

LOCATION	APPROX. G. C.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Wulumqi, China	87.6E 43.8N	0138	0101	0019	2333	2255	2232	2240	2313	2356	0041	0124	0147
Delhi, India	77.2E 28.7N	0141	0120	0057	0030	0009	2357	0001	0019	0044	0109	0133	0146
Iran	51.5E 35.7N	0340	0312	0241	0207	0139	0122	0128	0152	0224	0258	0329	0346
Saudi Arabia	46.4E 24.5N	0336	0319	0259	0237	0219	0209	0213	0228	0248	0310	0329	0340
Moscow, USSR	37.6E 55.8N	0551	0449	0344	0233	0132	0053	0107	0202	0309	0418	0526	0606
Kenya	36.8E 1.4S	0331	0332	0333	0334	0335	0335	0335	0334	0333	0332	0331	0331
Israel	35.2E 31.8N	0436	0412	0345	0315	0251	0237	0243	0303	0330	0400	0426	0441
Egypt	31.4E 30.3N	0448	0426	0400	0332	0309	0256	0301	0320	0346	0414	0439	0452
Turkey	30.7E 39.9N	0514	0442	0406	0325	0252	0233	0240	0308	0345	0425	0501	0521
South Africa	28.1E 26.6S	0322	0341	0402	0427	0446	0457	0453	0437	0414	0351	0329	0318
Romania	26.1E 44.4N	0546	0508	0425	0338	0259	0236	0244	0318	0402	0448	0531	0555
Athens, Greece	23.7E 38.0N	0537	0507	0433	0355	0325	0306	0313	0339	0414	0451	0525	0544

TABLE 2 (continued): EASTERN HEMISPHERE SUNRISE TIMES

LOCATION	APPROX. G. C.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Poland	20.9E 52.1N	0638	0545	0449	0347	0255	0222	0234	0320	0419	0519	0617	0650
Chad	15.1E 12.1N	0519	0511	0502	0452	0443	0439	0440	0447	0457	0507	0516	0521
Sweden	13.7E 55.8N	0727	0625	0520	0408	0307	0228	0242	0337	0444	0554	0702	0742
Gabon	13.6E 1.6S	0503	0504	0506	0507	0508	0509	0508	0507	0506	0505	0504	0503
Italy	12.5E 41.8N	0632	0558	0519	0436	0400	0339	0347	0417	0457	0540	0619	0640
W. Germany	10.7E 48.1N	0701	0617	0528	0434	0350	0323	0333	0411	0502	0554	0644	0711
France	2.0E 47.0N	0732	0649	0603	0511	0428	0402	0412	0449	0537	0628	0715	0741
Gt. Britain	0.1W 51.5N	0759	0708	0613	0512	0421	0349	0401	0446	0543	0642	0739	0811
Spain	3.5W 40.3N	0732	0659	0623	0541	0508	0448	0456	0524	0602	0642	0719	0739
Morocco	6.8W 34.0N	0729	0703	0634	0601	0535	0520	0525	0548	0618	0649	0719	0734
Portugal	8.7W 38.8N	0748	0717	0643	0604	0532	0514	0521	0547	0623	0701	0736	0755
Senegal	17.4W 14.7N	0733	0724	0712	0700	0650	0644	0646	0654	0706	0718	0730	0735
Iceland	21.6W 64.2N	1104	0920	0747	0606	0432	0316	0347	0520	0658	0836	1019	1135
Azores	25.8W 37.7N	0854	0824	0751	0713	0643	0625	0632	0658	0732	0809	0842	0900

In a few cases, sunrise on the western end of the path may precede sunrise at the eastern end- e. g. Iceland to Rio de Janeiro in December. This is too uncommon an occurrence to discuss in depth, however.

Use of the tables - examples:

1. A DX'er in New York City wants to know how long the N. Y. to Turkey path is in total darkness on 15 NOV.
From the tables: sunset/New York: 2150, sunrise/Turkey: 0501.
DX'ing Turkey would be accomplished best by listening from 2150 to 0501 Z.
2. Interpolation may be used to compute the sunset/sunrise times for dates other than the 15th of the month. Interpolation is less accurate between mid-June & mid-July and between mid-December & mid-January because the solstices occur within these periods; for other periods, interpolation is reasonably accurate.
ex.: During approximately what period should a DX'er in England try for Chicago stations on Halloween? For 31 OCT, you have gone through 16 days since 15 OCT; 15 days are left before 15 NOV.
From the tables: $\frac{15 \text{ OCT}}{\text{sunrise/Chicago } 2321} \quad \frac{15 \text{ NOV}}{2242}$
 $\frac{\text{sunrise/Gt. Britain } 0642}{\text{change} = 39 \text{ minutes in 31 days}} \quad \frac{0739}{\text{change} = 57 \text{ minutes in 31 days}}$
 $\text{sunrise/Chicago, 31 OCT} = 2321 - 16\text{days}(39\text{min}/31\text{days}) = 2321 - 20\text{min.} = 2301$
 $\text{sunrise/Gt. Britain, " } = 0642 + 16\text{days}(57\text{min}/31\text{days}) = 0642 + 29\text{min.} = 0711$
 Chicago-England should be open from 2301 to 0711.
3. Chordal-mode propagation can occur briefly when sunset on the western end of a path coincides with sunrise on the eastern end.
Find the times when chordal-mode propagation may occur on the Boston-Wulumqi path.
From the tables, we see that this is likely to occur around mid-April and again in early October.

4. I'm DX'ing from Los Angeles in mid-May. Which countries will be impossible because they will never be in the dark at the same time as Los Angeles?

sunset/Los Angeles, 15 MAY: 0245. If sunrise at the eastern end occurs before 0245, reception is very unlikely. The first five eastern hemisphere countries listed (China, India, Iran, Saudi Arabia, and USSR) have sunrise before 0245; therefore, reception of these on Trans-Atlantic paths can be considered virtually impossible.

TABLE 3: LATIN-AMERICAN SUNRISE SUPPLEMENT

Use these figures to determine the approximate eastern-end termination time of a Latin American DX path.

LOCATION	APPROX. G. C.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Natal, Brazil	35.1W 5.5S	0812	0816	0820	0825	0828	0831	0830	0826	0822	0817	0813	0811
Rio de J., Brazil	42.7W 22.5S	0813	0829	0847	0907	0923	0932	0929	0915	0857	0837	0819	0810
Surinam	56.5W 3.8N	0952	0949	0947	0943	0941	0940	0940	0942	0945	0948	0951	0952
Argentina	58.4W 34.6S	0850	0917	0947	1028	1047	1103	1057	1034	1003	0931	0901	0845
Barbados	59.8W 13.5N	1021	1012	1002	0950	0941	0935	0937	0945	0956	1007	1017	1023
Falkland Islands	61.0W 50.8S	0809	0858	0952	1051	1141	1211	1200	1117	1021	0923	0828	0757
Bermuda	65.8W 32.3N	1121	1057	1029	0959	0934	0920	0925	0946	1014	1044	1111	1126
Puerto Rico	66.2W 18.5N	1055	1042	1028	1012	0959	0952	0954	1005	1020	1036	1050	1058
Venezuela	67.0W 10.5N	1045	1038	1030	1021	1014	1010	1011	1017	1025	1034	1042	1046
Santiago, Chile	70.7W 33.4S	0942	1008	1036	1108	1134	1149	1143	1121	1052	1021	0952	0937
Colombia	74.1W 4.6N	1104	1101	1057	1053	1050	1048	1049	1052	1055	1059	1103	1104
Ecuador	78.3W 0.2S	1113	1113	1113	1113	1114	1114	1114	1114	1113	1113	1113	1113
Cuba	82.5W 23.0N	1209	1152	1134	1114	1057	1048	1051	1105	1124	1144	1202	1212
Costa Rica	84.1W 10.0N	1152	1146	1138	1130	1123	1119	1120	1126	1134	1142	1150	1154
Mexico	99.2W 19.5N	1309	1255	1240	1223	1209	1202	1204	1216	1232	1248	1303	1311

TABLE 4: Fill this in with the sunset & sunrise times for your location.

LOCATION/GC		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	SUNSET												
	SUNRISE												

Seattle Times 2/4/80, it's interesting to note that KING-FM did better w/classical mx than KING-AM did w/top-40!

Radio

Insiders in commercial-radio broadcasting in Seattle got further evidence recently of a trend that's been apparent for some time: People are turning more and more to their FM sets.

The latest round of audience ratings by Arbitron show only one AM station that moved into a higher spot in the local radio pecking order.

That one is KOMO, which bounded from fifth place in the market last spring to a solid second in the fall, with a "share of audience" jump from 6.3 per cent to 9.8 per cent.

Still at the top of the heap, though, is KIRO, the Mormon

Church's AM outlet which has carved a hugely successful niche for itself with its news format and live coverage of Sonics and Seahawks games. KIRO's market share, 11.1 per cent last spring, slipped to 10.1 in the fall.

KIRO's FM sister station, KSEA, slipped from second to third, while KEZZ-FM, with a similar "beautiful music" format, gained in market share from 3.3 per cent to 4.4 per cent.

Other gainers, along with their increases in share of the market, included KISW-FM, which rocketed from 3.1 to 5.7 per cent, KYYX-FM, from 3.5 to 4.9 per cent; KIXI-FM, from 2.6 to 3.9 per cent, and KING-FM, from 1.9 to 3.2 per cent.

Losers included KVI, which dropped from 5.6 to 4.4 per cent; KJR, from 7 to 6 per cent; KING-AM, from 3.3 to 3 per cent; KPLZ, (KVI's FM outlet), from 4.1 to 3. KMPS, which broadcasts country music over its AM and FM channels, dropped from a combined 6.5 per cent market share last spring to 4.5 per cent in the latest survey.

THE INTERNATIONAL RADIO CLUB OF AMERICA

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

OFFICERS: President: RATHER Jack Pejze, 212 South Carpenter Road, Modesto, CA 95351, (209)524-6674. Secretary-Treasurer: Rich Segalas, Board of Directors: Phil Bytheway, Nick Hall-Patch, Don Kasky, Paul Mount, Bruce Portzer, Susan Sirtulnick, Gerry Thomas.

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IRCA

**PO BOX 21074
SEATTLE WA 98111**



First Class

D.A. Nyholm
2071 Cedar Street
San Carlos, CA 94070

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