

# DX MONITOR

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## DX CALENDAR DX CALENDAR DX CALENDAR

- MM Dec 18 KDLG--670-Dillingham, AK 0515-0615 5 kw. Tones, voice/code IDs, DX gab & some Eskimo language. Rpts to: Les Robinson, GM, KDLG, Box 670, Dillingham, AK 99576. Arranged by Eddie Ryan, GWDXA....
- MM Jan 8 WXAP--860-Atlanta, GA 0000-0400 1 kw. Tones, various mx. Rpts to: Dan Dunnigan, OE, WXAP, 1655 Peachtree St., NE, Atlanta 30309. Arranged by Chuck Hutton for NRG.
- MM Jan 8 KKIO-1290-Santa Barbara, CA 0300-0400 1/2 kw. Many IDs, tones & Herb Alpert mx. Rpts to: Mr. Guy Erway, KKIO Radio, 1919 State St., Santa Barbara, CA 93101. Arranged by: George A. Santulli for NRG.

9th annual CADX Holiday get together Dec 26-29. It will begin any time after noon on the 26th. There will be 3 all night DX sessions guaranteed to last until at least 8:00 AM. There also will be nerf ball soccer. People should bring receivers, veries, tapes etc. Anyone who brings a receiver must bring headphones or arrange to borrow my spare set. People with communications receivers (especially Hammarlunds or similar set-ups) are especially requested to bring them, as I would like a real impressive set-up. Cost for refreshments will be approx. \$1.00 a night or \$2.00 for the whole affair.

3rd Annual New Year's Eve Party-DXATHON starting noon on Dec. 31, 1978 lasting until ??? on Jan 1, 1979. Refreshment costs are the same as the get together. DXers are requested to bring similar items to the DXathon that they did to the get together. The all night session is also guaranteed to last until 8:00 AM.

People planning to attend these get togethers should write me at 3406 W. Pierce, Chicago, IL 60651 (the location of them) or phone me at 312-235-5188.

## Geomagnetic Indices



Fredericksburg A-Indices

10/ 2-10/ 8	9	6	12	6	4	2	5
10/ 9-10/15	9	9	3	9	7	4	6
10/16-10/22	3	4	21	15	9	10	8
10/23-10/29	5	3	6	16	19	13	10
10/30-11/ 5	18	18	11	9	10	2	5
11/ 6-11/12	2	9	11	6	9	6	36
11/13-11/19	22	8	6	5	5	4	11

Latest NOAA predictions on the current sunspot cycle forecast a maximum of 150 ± 34 sometime in mid-1980. The next minimum doesn't look as if it will appear until sometime in late 1987!

## ACHIEVEMENT AWARDS

What better way to decorate your walls around your DX area than with Achievement Awards. And what better way to break in a new Achievement Awards chairman that to keep him busy.

Hi gang, I'm Jim Ryan, and my job is to serve you and IRCA as Achievement Awards chairman. I look forward to your comments and your participation in this program. Below is a summary of the awards available:

- Series I, States Awards - 20, 30, 40, and 50 states verified
- Series II, Provinces Awards - 6, 8, 10, & 12 provinces verified
- Series III, Countries Awards - 10, 15, 20, 25, 30, etc in increments of 5 countries verified
- Series IV, Total Stations Verified - 100, 200, 300, 400, 500, 550
- Series V, Domestic Capital Cities - 20, 25, 30, 35, 40, 45, 50, 55, 56, 57, 58, 59, 60, 61, & 62
- Series VI, Graveyard Channels Award - 25, 50, 75, 100 (increments of 25)
- Special Award - Verified All Continents

Why not take time to apply for the awards for which you qualify? You can write for complete details on applying for these awards to:

Jim Ryan  
2211 2nd Avenue NW  
Cullman, Alabama 35055  
(205) 734-0501  
7:00 til midnight CST  
Tue, Wed, Fri-Sun

HQ NOTES: Phil Bytheway is traveling to Mexico so the goodie factory will be closed until after the holiday season. He reports he is up to date on orders so the delay should not discomfit anyone too much.

Stations not reported to DXR or DXWW since prior to Volume 12 (continued from past issues): Dave Faulkner continues to lower the number of stations unreported to the above columns. This week he reported CBQ-ON, WEIS-AL, CJNH-ON, WTRR-IN, WOUB-OH, WSTV-OH, WOYL-PA, WJAK-TN & WMOA-OH. Neil Wolfish heard WESA-PA. Paul Mount had WTZE-VA. John Glemmer-KWK-MO & WQUA-IL. Karl Forth caught WOLG-WV & WRCD-GA and Robert Steadman noted WLTH-IN. 32% of the stations in the USA & Canada have been reported this volume. Can we make 100% before issue #34? dkk

## The Inside Story

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**eastern dx  
roundup**

Bob Curtis  
17 Cobbleview Dr.  
Colchester, VT 05446

DEADLINES: Mondays All times are Eastern Local  
(Sats. before Xmas and New Years Day)  
\*\*\*\*\*

**Splatter:**

"November has brought 65 new stations and 5 new states bringing my totals to 293 domestic heard (311 total heard) and 31 states, all since January 1978." Ian Meyers - NY

"Used R-300, regenerative pre-amp and 60 ft. longwire to dig this one out." (see KFBK-1530) Louis M. Poda - OH

"When the cat's away (WPEN), the mice will play." (see WLOF-950) Bill Townshend - DC

"I've been trying for them for ages...." (see WLCY-1380) Niel Wolfish - ON

"State # 34." (see WWDJ under DX TEST) Paul Mount - OH

"Three new catches, WWRL-1600, WKBR-1250 and WHNE-1350." Steven Miller- MA

"CX sure have gone right down the tubes here lately.....but I have gotten a few things." Dave Faulkner - MI

(ed: like Alberta, Manitoba & Saskatchewan!) "Talk about surprises." (see WSUN-620)

Ian Meyers - NY

"State # 40." (see WPOR-1490)

Niel Wolfish - ON

"A few nice ones like the WIZO s/off (I have it on tape)." (see 1380) Paul Mount - OH

"CHLO & GFOR also cleared 1570 for me for a couple more Canadians." Dave Faulkner - MI

620 WSUN FL, St. Petersburg 11/24 2243 Talk about surprises. Surfacing momentarily through all the slop, much QRM but tail end of C&W song then YL giving ID as "Sun Country", then ad for December 8 concert. Fair at first, then completely buried. (IM-NY)

620 WTMJ WI, Milwaukee 11/24 2306 Caught end of nx and then into wx w/"Chance of snow late tomorrow, right now it's 26°." Fair to very poor, State # 31. (IM-NY)

640 KFI CA, Los Angeles 10/16 0330 Fair volume - talk show, also 10/22 between 0200 and 0230 fair. (LMP-OH)

640 WHLO OH, Akron 10/30 0630 Heard on just after 0630, apparent s/on. Also heard 10/29 on car radio just after 0530 EDT/0630 EST, 25 minutes before sunrise. However, 11/1 0900 at end of morning news said they would be on tomorrow at 0715; and have been heard at this time during Nov. 0745 is the latest they sign on. They have also started NBC News on the hour in the morning - although they are Mutual Network. (LMP-OH)

710 ???? UNID, 11/9 2150 Canada French under WOR, poor, possibly // to 690 Montreal. Man talking, possibly sports broadcast. Heard on non-directional car radio. (LMP-OH)  
(ed: selectivity of your car radio should be considered here. If you feel sure it wasn't CBF on 690, could it have been CKAC on 730?)

790 WTAR VA, Norfolk 11/27 0308 Very good at 0308 w/ABBA mx, Star Car contest promo, well o/unID. (PRM-OH)

800 CBQ ON, Thunder Bay 11/27 0100 CKLW off 0000-0500 this AM, PJB also off allowed this one through at 0100 w/CBC Northern Ontario ID, into nx, wx, off by 0110 w/usual CBC s/off. Very good signal dominating freq. Either CKLW or PJB had occasional OC here until after 0200, but could not stop any of these stns from getting in. (DF-MI)

CFOB ON, Ft. Frances 11/27 0146 was // CHMM-FM, Winnipeg as indicated in the "Canadian Family Life; It's Twins" article of some while back. Had c/w mx, songs off the CHMM Country Countdown & wx for MB & ON

w/temps given for all towns in which feed is carried. Good sigs usually atop but deep, long fades. (DF-MI)

(Canadian Family Life; It's Twins in DX NEWS for Nov. 20, 1978)

CHAB SK, Moose Jaw 11/27 0055 ID first noted here at 0055 thru strong CBQ, here after 0110 mixing w/CFOB w/rr mx, was alone during CFOB fades, had rr mx, beautiful ID during nx at 0204. PJB 0225 s/on killed everything. (DF-MI)

810 CKJS ME, Winnipeg 11/27 0104 alone here at 0104 w/nx, fair, kinda pulsy sigs, YL anncr. WGY apparently back on after 0130 'cause someone was killing them & totally dominating the channel after that time & looping east. (DF-MI)

\*WGY\* NY, Schenectady 11/27 0246-0249 ET, several ID's, "This Radio 81 WGY" & mor mx in between. Only fair sig. (NW-ON)

???? UNID, 11/25 0145-0148 pop mx by Alice Cooper and then fade out, heard about 20 minutes earlier w/talk, very poor, heard in open modulation of WGY talk show. Is it KCMO? (NW-ON)

850 KOA CO, Denver 10/16 0200 About 0200 good quality signal, but strong 855 het. Also 10/23 0207 w/talk fair to good, guest, "Debbie" on prejudice to short people. (LMP-OH)

WKIX NC, Raleigh 11/8 1708 Very good signal (no WHDH) Bob Bolton(?) DJ, "KIX Cashcall" then "Keep it on KIX to win!". New. (IM-NY)

WYDE AL, Birmingham 11/8 1726 Good on SSS, wx report "55° in Birmingham at this time". ID as "WYDE, where the winners are". 1st AL. (IM-NY)

860 KONO TX, San Antonio 10/23 0155 Poor to fair, loop southwest. "Boogie" song about 0150. At 0155 man in southern accent, "high 82 and partly cloudy" 0155+ James Taylor song. At 0200 KONO ID. (LMP-OH)

WAMO PA, Pittsburgh 10/16 0409 Fair with "Rocket Man" song and time, "4:09AM" mention FM-106. Test? (LMP-OH)

880 KRNV NE, Lexington 10/27 0030 ABC News under WCBS, then area news and c/w mx. At 0042 man DJ, "18 till 12 at KRNV". More c/w mx 0042-0050. Mostly u/WCBS. 0105 Nat'l anthem u/WCBS and off. Heard at work (inside modern steel-frame building) on Lafayette Guardian 7700. Also 10/28 0100-0105 u/WCBS, but then on top w/fairly good sig. Occasional buzz static & low het (Cuba?). Heard clearly when WCBS faded out. Man reads area & local nx and then regional wx. 0105 TC, then woman reads s/off announcement, "Rural Radio Corp." Lists AM, FM power etc. Nat'l anthem & off. Heard at work again 10/30 0030-0100, Woman rlg, also other dates (LMP-OH)

910 CKLY ON, Lindsay 11/8 1924 Good w/mor mx o/mess "C-K-L-Y". (IM-NY)

920 WMEL FL, Melbourne 11/27 1942-1953 Carpet ad, plug for Goodyear Tires, T-40 mx, wx forecast, spot for Catalina Motors. QSL in mill. Good sig. (WPT-DC)

WTTM NJ, Trenton 11/24 0601 s/on w/NA. Fair signal. (WPT-DC)

930 CKNS ON, Espanola 11/19 1840-1911 Total relay of CBC with Cross Country Checkup, news and Symphony Hall, ID and local wx at 1900. Good signal, way better than regular WBBN. I noticed something strange when 930 was // to 910, 940 and 990 (CKLY, CBM & CBW) so I checked it out. (NW-ON)

WSEV TN, Sevierville 11/25 1729 s/off very clear right thru very strong WEOL. Often tried for but never heard here before. OM anncr, IDs, location. pwr, SSB. (DF-MI)

1390 WCSC SC, Charleston 11/23 1714 Finally bagged an SC station. Fair w/SID "W-C-S-C" then into pop mx. (IM-NY)

WWOD VA, Lynchburg 11/23 1711 Loud "14-WWOD" ID then buried u/1390 mess. (IM-NY)

1410 WING OH, Dayton 11/8 2058 "...on WING" o/u WPOP w/ad for A&W Root Beer. (IM-NY)

1420 WHBN KY, Harrodsburg 11/21 1730 s/off poor in WHK null, caught a couple IDs, mention of Harrodsburg (DF-MI)

1440 WRBE MS, Lucedale 11/20 1756 poked thru dominant WRDD twice, once w/ID while WRDD was playing instr c/w mx, again w/cw mx of its own & ID at beginning of WRDD nx 1757. WRBE ID very readable this second time, as it followed immediately a WRDD ID. Very confusing. WRBE could've been doing long s/off. First ID said something about "inviting you to join WRBE tomorrow at..." (DF-MI)

1450 WQSN SC, Charleston 11/27 0223-0238 Poor-good w/"News in Review" features every few minutes, ID's as "15-Q" and rock otherwise. WPAR QRM. New. (PRM-OH)

1460 KDMA MN, Montevideo 11/20 1743 ID thru much WCMB/WPON QRM, WHLS nulled. (DF-MI)

t KARNY NE, Kearney 11/20 1750 tentative ID here through much QRM. (DF-MI)

WJAK TN, Jackson 11/20 1745 fair w/s-off, no SSB. (DF-MI)

1470 WBIG NC, Greensboro 11/27 0130 Good o/-QRM w/rock, YL DJ, "Big Radio" wx into rock at 0130. (PRM-OH)

WTZE VA, Tazewell 11/24 0615 Good in heavy QRN w/rock at 0615, long jx, spot then ID o/WPAR 0616. (PRM-OH)

1480 WLEA NY, Hornell 11/9 1126-1156 Mor mx, IDs and spot for Hornell GE, Poor signal on Doug Miske's RF-2200. (NW-ON)

t\*WQBX\* NC, location (?) 10/16 0300 Testing. (LMP-OH)  
(ed: more details ?)

WSAR MA, Fall River 11/25 0049-0105 pgm of soft mor mx, with lots of IDs, sx and lottery scores, commercial for Girl Scouts, CBS news at 0100, 0105 s/off, fair-good signal over CHRD & WJIT; but regular WHBC was not to be found. Another station that I'd been trying to hear for years. (NW-ON)

1490 \*WBCB\* PA, Levittown 11/27 0148-0201 f/c heard poor. (NW-ON)

WESL IL, E. St. Louis 11/22 1740 thru WOPA w/mention of E. St. Louis, ID, much talk. Fair sigs. (DF-MI)

WMOA OH, Marietta 11/25 1800 well atop channel w/ID, into nx. (DF-MI)

WPOR ME, Portland 11/27 0151 ID after c/w mx, heard ment of a c/w mx offer w/mail address in Boston and Portland, ME; then TC at 0152 and "WPOR-Portland ME". Poor-fair. State # 40. Later on at 0219 ID as "15 AM in Portland - WPOR". (NW-ON)

WYTL WI, Oshkosh 11/27 0155 NBC nx, local nx, country mx, normal IDs and "Y-Country" IDs. Several fade-ins & fade-outs. I heard mentions of Oshkosh. In with mx until around 0230. Poor-fair. (NW-ON)

1510 W\_E UNID, 11/27 0700 s/on annmnt at 0700 mentioning "best in country music" then SSB u/WLAC. Who? (PRM-OH)

1530 KFBK CA, Sacramento 10/16 0300 Very poor to poor. News, religious? - "Crossroads of the West" and possibly heard "Sacramento" ID. 0305 signal improved to poor or even fair, woman singing. 0335 ID, wx 78° to 50°. Used R-300, regenerative pre-amp and 60 ft. longwire to dig this one out! (LMP-OH)

1550 WCTW IN, New Castle 11/24 1805-1855 Fighting CBE/WCVL 1805-1855, promo for Sports Corner and ID as "55 - CTW" (yes, that's fifty five CTW) w/rock. (PRM-OH)

WCVL IN, Crawfordsville 11/24 1900 Fighting dominant CBE, and WCTW, w/ID 1900, "This is WCVL Crawfordsville". Think country format. (PRM-OH)

WEVR WI, River Falls 11/24 0701 SSB, s/on very good thru CBE, which was partially nulled. (DF-MI)

1570 CKLQ ME, Brandon 11/27 0022 xInt signal here w/CHLO/CFOR off & no sign of CKLM. c/w mx. many "Q" IDs, wx at 0023 giving some very chilly sounding temps, like minus 11, 12, 14 & in Brandon minus 15. Warmest spot was Minot, ND where it was only minus 3, Celsius of course. (DF-MI)

CKTA AB, Taber 11/27 0018 well u/CKLQ, but apparently //CHEC as per "Canadian Family Life" article. Noted 0018 w/much talk, CHEC radio IDs & one CKTA ID heard here a bit later. ID's as "Check Radio". (DF-MI)

???? UNID, 11/18 0600 W??? heard SSB, but nothing else due to heavy QRM from CKLM and CFOR, very poor. It would have been a new station, as I've yet to hear a US station on 1570. (NW-ON)

1580 WANB PA, Waynesburg 11/11 0656 sudden ID mentioning WANB joining their FM, TC into Gino Vanelli mx, 0700 wx, ID, NBC nx, 0705 local nx with Cliff Ewing, 0712 mx by Andy Gibb, 0714 fade-out. Fair signal that ruined my efforts to pick out something weaker underneath. (NW-ON)

WCLS GA, Columbus 11/23 0615-0617 fair, but alone in QRN w/rock 0615-0617 VID. (PRM-OH)

\*????\* UNID, 11/24 0427-0430 Station testing (probably f/c) on 11/24 (4th Friday) from 0427-0430 with tones, then off with no ID. Fair-good sig. For sure not CBJ, as they couldn't be heard at their s/on time (NW-ON)

1590 WGGO NY, Salamanca 11/8 1700 o/pile in semi-null of WQQW w/ID by YL. (IM-NY)

1600 WAAM MI, Ann Arbor 11/18 0536-0550 four John Denver songs played non-stop, 0550 TC, ID, wx and mention of upcoming broadcast of Michigan-Purdue football game. Good signal way over WWRL, but I have WAAM listed with a 0600 s/on. I was hoping for something else. (NW-ON)

WAYC PA, Bedford 11/8 1653 surfaced over WWRL w/SID. (IM-NY)

WWRL NY, New York 11/19 0603 Anncr gave ID and time check, 0603. This one w/5000 watt strong local WUNR nulled out quite well. Good. (SDM-MA)

//////  
ID'ING the UNIDS  
1390 ??? (BL-CT) (see EDXR for Oct. 28 & ID'ing the UNID's for Nov. 25th) About BL-CT's 1390 reception: as far as call letters WTOO sounds like the best bet, but the FM reference wouldn't make sense for several reasons. First of all, WTOO has its own FM, WTOO-FM, (ex-WOGM) 98.3, WDIF, Marion, OH & WMER, Celina, OH are independent. 2nd: using approx. coverage figures from "FM Atlas", Bellefontaine at 35 mi. from Marion is 20 mi. from WDIF's primary coverage area of 15 miles, but within their secondary of 46. WMER Celina has figures of 7 & 27, so Bellefontaine is outside of even the secondary coverage of WMER at 45 mi. So I think WTOO is out for the above reasons. I can't check by radio as I get WMPO on 1390. KAMO has 1390 AM/ 94.3 FM, same calls. Except for the calls heard I'd say this one, KAMO. Finally, in Americus, GA WISK 1390 AM

signal. (NW-ON)  
WESA PA, Charleroi 11/18 0658 Heard SSB, followed by s/on announcement, but only caught mentions of WESA AM and FM and power. Poor sig, but GEM killed it. #451. (NW-ON)  
WIDG MI, St. Ignace 11/18 0702 Was re-awakened by "Good Morning, you're listening to WIDG Radio...." Mentioned owners with a name like Mackanac....and 2½ miles from the city are the xmtrs. After annmmt went right into "How Much I Feel" by Ambrosia. Good signal that caught me by surprise, which proves Robert Kramers theory about SRS DX, (wait until 5 mins after the hour for late s/ons) true. (NW-ON)  
(ed: St. Ignace is in Mackinac cnty)  
\*????\* UNID, 11/27 0251-0331 Test w/tones and OC. Time pip at 0300. I gave up due to no ID. (NW-ON)  
950 WLOF FL, Orlando 11/24 0012 Restaurant spot. Fair signal. "When the cat's (WPEN) is away, the mice play." No trace of WPEN. (WPT-DC)  
960 WERC AL, Birmingham 11/27 0150 Fair in much QRM w/rock, ID 0150 "96 E-R-C" ID. Later 0257 blasting in and slopping onto 970 w/nx, mx to 0303 tune out. (PRM-OH)  
970 KAKC OK, Tulsa 11/27 0202 Atop w/s/off giving address, nite pwr 500w, on at 0500. (PRM-OH)  
WDAY ND, 11/27 0325 "Took The Last Train" by David Gates, 0328 wx for North Dakota, 0330 ID w/16°, mor song, 0331 sx scores (mentioning Grey Cup), 0332 James Taylor song. Fair signal. (NW-ON)  
WRCS NC, Ahsoskie 11/24 0602 s/on w/NA & ment of 500 watt PSA power. Fair signal. (WPT-DC)  
WUPY MI, Ishpeming 11/22 1715 Weak & u/WREO but readable ID & mention of pwr on s/off. (DF-MI)  
980 WAOP MI, Otsego 11/25 1714 s/off w/OM annr. CFPL partially nulled, a-bout equal w/unusually strong WPHG. (DF-MI)  
990 WABO MS, Waynesboro 11/25 1748 WNOX partially nulled, this one had ID, c/w mx, local spot, fair signal. (DF-MI)  
WEEB NC, Southern Pines 11/25 1715 End of s/off annmmt after WANT s/off, no WNOX yet, no SSB here either. (DF-MI)  
WEIS AL, Centre 11/25 1745 Through partially nulled WNOX w/s/off by OM, ID, "WEIS operated w/250 watts of undirectional pwr, good signal. (DF-MI)  
WERK IN, Muncie 11/22 1717 rr mx, ID fighting losing battle w/WCAZ. No WNOX at all this evening. (DF-MI)  
WITZ IN, Jasper 11/22 1729 o/WCAZ w/s/off, ID, location, pwr given but no SSB noted. (DF-MI)  
1080 KRLD TX, Fort Worth 11/25 0114-0123 mor type mx like "Fool, If You Think It's Over" heard with a very poor signal under WTIC talk show(NW-ON)  
1140 CBI NS, Sydney 11/8 1951 Very good in total WRVA null w/90 minutes with the Bullet (Canadian equivalent of American Top Forty). (IM-NY)  
1150 \*CKOC\* ON, Hamilton 11/4 0540-0554 OC until 0550, then jx into a song by David Gates, ID on tape at 0554, strong signal but very fluttery & music was garbled. Probably testing their new 50kw xmtr. (NW-ON)  
1200 WOAI TX, San Antonio 11/23 1930 Talk about Texas Pro Football teams, Dallas Cowboys and Houston Oilers; and then about Dallas' manhandling of Washington (I lost a lot of money on that one). Very good, slight QRM. (IM-NY)  
1240 CJNH Local news w/many ment of Beaver Falls, fair o/GY mess. (NW-ON)  
ON, Bancroft 11/23 0556 Noted here 77CJBQ; CJBQ ID noted dominating channel but killed immediately by CJCS s/on. (DF-MI)  
WWCO CT, Waterbury 11/18 1800 A surprise here, good sig, very readable ID, into nx. (DF-MI)  
???? UNID, 11/24 0458-0500 W??? Sign on with SSB and Good Morning, ID lost in GY mess. (NW-ON)  
1250 WKBR NH, Manchester 11/27 0540 Fair sig w/local e-z-e (?) nulling heavily. Lotsa talk of MM. (SDM-MA)  
1260 WPHB PA, Phillipsburg 11/24 0617-0630 Fair, country mx 0617-0630, ment Kiwanis, YMCA. (PRM-OH)  
1280 WSAT NC, Salisbury 11/23 1751 Good with "Le Freak", ID at 1751, TC, wx, "Music Radio 1-28 Salisbury WSAT", then annmmt of reward for info on station robbery Monday 0515. Sounded like Black announcer/Format. QRM from presumed WONW w/spot in Napoleon. (PRM-OH)  
1310 t WDOC KY, Prestonburg 11/22 1655 Think this w/spot for Texaco on Rt. 23 North @ 1655, then spot for big 3 Discount on route 7 in what sounded like "Sighthersville". (PRM-OH)  
(ed: possibly Staffordsville ?)  
WSLW WV, White Sulphur Springs 11/23 1700 Atop w/ID into Ai nx, atop again 1715 w/s/off saying xmtr atop a mtn, annmmt read over Harmonica "Good Time Charlie". (PRM-OH)  
WWKR MI, Dearborn 11/23 1718 Good with rock after WSLW off 1718 and "WWKR Keener 13" jx at 1719. (PRM-OH)  
1320 WHOK OH, Lancaster 11/23 1712 Local getting zonked by 13Q by s/off at 1712, uses "America" inst. (PRM-OH)  
1330 WBTM VA, Danville 11/23 1708 Good with "Save Me" 1708, ID, promo Rolling Home Show, spot for First National Bank in Danville, wx into ON-J. (PRM-OH)  
WHAZ NY, Troy 11/21 1629 ID, promo for something but not much more as WTRX still very strong. Fair sig. (DF-MI)  
WTRF IN, Greensburg 11/21 1630 Right thru WTRX w/ID at 1630, a big surprise as I figured it was too early for them. Held up very well but no real pgm details available as WTRX then did ID of its own, into very obstructive rr mx. (DF-MI)  
1340 WOUB OH, Athens 11/25 1700 ID & promo, mention of the Student Book Center, killed by surging WSTV 1701(DF-MI)  
WOYL PA, Oil City 11/21 1659 Have been DX'ing 1340 for weeks trying to get this one...got everybody else in PA but this one until finally in here w/ID, spot for local business, into 1700 nx, pwr cut and disappeared. (DF-MI)  
1350 WHNE VA, Portsmouth 11/30 0627 ID'd as "Honey" w/a few spots. Good signal (SDM-MA)  
1360 WIXZ PA, McKeesport 11/24 1749 Good w-/1360 Radio WIXZ" ID, country mx, DJ Ken West o/WSAI. (PRM-OH)  
1380 WIZO TN, Franklin 11/23 1740 "You're No Good" then s/off at 1742, SSB on (electric) piano, very pretty, the nicest SSB I've ever heard, then invitation to visitors Mon.-Fri. 10am-4pm, 100.1 FM Jim Hayes Gen. Mgr., off, no one dared come in after that, hi. (PRM-OH)  
WLCY FL, St. Petersburg 11/24 0516-0527 pop mx such as "Cold As Ice" and "We've Got Tonight" with talk and ID between songs, fade/out at 0524 possibly with news, gone at 0527. Poor but recognizable due to mx, QRM from CKLC. I gave up trying for a fade-in, because local CKPC signs on at 0530. I'd been trying for them for ages. (NW-ON)

is co-owned with WPUR 97.7 FM. The 94.3 stn, WIPE, is co-owned by the 1290 stn, WDEC, according to BROADCASTING, so I doubt WISK would promote a competitor's FM. Bryan, it's a big mystery. It may be best to call WTOO; and it would be cheaper for you to call than me, since OH rates are so high. (PRM-OH) (ed: Paul certainly shed new light on this one. Boy, someone could make a college thesis on this one.)

**DX TESTS**

970 WWDJ NJ, Hackensack 11/27 0153-0200 Fair To poor w/1000 hz tone on sked DX TEST.=Pop then tone loud and dominant when I called to confirm. Had calls from MO. Never thought I'd want to hear them on a MM when living a mile away from them.(PRM-OH) State # 34.

**REPORTERS THIS ISSUE**

- DF-MI Dave Faulkner, 1430 Pine Grove Ave., Port Huron, MI 48060 Realistic TRF
- IM-NY Ian Meyers, 14 Lloyd Lane, Nesconset, NY 11767 Realistic TRF, Panasonic RF-2200, Palomar loop & 60' 1'wire.
- SDM-MA Steven D. Miller, 368 Quincy St., Boston, MA 02125 Realistic TRF
- PRM-OH Paul Mount, 35 1/2 West Columbus St., Nelsonville, OH 45764 Realistic TRF
- LMP-OH Louis M. Poda, 395 Kling St., Akron, OH 44311 Realistic TRF + Guardian 7700, R-300 + 60' ant +pre-amp.
- WPT-DC Bill Townshend, 4500 Conn. Ave., NW, Washington, DC 20008 Realistic TRF
- NW-ON Niel Wolfish, 15 Donwoods Grove, Toronto, ON M4N 2X4 FRG-7

Best wishes to all IRCA'ers for a happy holiday season.

73 and good DX Bob Curtis

**central dx roundup**

Bob Lazar  
511 W. Doty St., Apt. 209  
Madison, Wisconsin 53703

**HOLIDAY DEADLINES:** Sat. 12/16, Fri. 12/22, Tue. 1/2

**IMPORTANT NOTICE:** All reports intended for the 1/2 and 1/9 deadlines (all reports that are intended to arrive between 12/23 and 1/9) should be sent to the following address:

Bob Lazar  
1109 Niesen Rd.  
Port Washington, WI 53074

**OF SPECIAL INTEREST**  
1380 KWK MO St. Louis 11/23 1710 Good w/ rock, ads, IDs as 13.8 KWK. I thot off the air. Never hrd before. Back on air long? (JC) (Not very long. I think your's is the first report I've seen of them--ed)

- 540 KWMT IA Fort Dodge 11/26 In fair @ 1849 w/ Willie Nelson Special ending, then into sports. (JJR)
- 590 CKEY ON Toronto 11/20 0500 Behind WOW/WRTH w/ ID & wx. (KDF)
- 600 CFCH ON North Bay 11/19 0632 Good o/ WMT ET w/ contemporary mx, contest promos. (KDF)
- 920 WBAA IN West Lafayette 11/23 1705 w/ ID ad, fair, all alone. (JC)
- 950 WJPC IL Chicago 11/23 1709 Fair w/ insurance ad, ID. (JC)
- 960 WPRT KY Prestonburg 11/26 Fair w/ slight flutter. Local news sponsored by B&D Motor Co. @ 0631, into C&W mx. (JJR)
- WFIR VA Roanoke 11/26 Good @ 0440 w/ MoR mx using slogan "Radio 96/WFIR" into each record. Promo for American Top 40.(JJR)
- 1050 WADZ WV Parkersburg 11/26 Heard @ 0629 w/ legal ID for AM/FM calls, then OC. Good w/ no interfering stns. (JJR)
- 1110 UNID ?? 11/24 1736 Willie Nelson song, mention of Bel Air Mall and Paramount Furniture. WBCA?? There is a Bel Air Mall in Mobile, close to Bay Minette. (JC)

- UNID ?? 11/25 SSB u/ WKRA at 1800. Good possibility WBCA according to sunset maps. Does anyone know if KAKA or KGFL are on the air yet on 1110? (JC)
- UNID ?? 11/26 1757-1759 Weak u/ KFAB, Stella Parton song (C&W), then at end of song nothing. Possible s/off? Ideas? (JC)
- 1150 KKUZ IA Burlington 11/17 1540 w/ ad, wx. (JC)
- 1140 WKWM MI Kentwood 11/19 0730 Good w/ s/on o/ Supremes song, into religion. (KDF)
- 1190 WANN MD Annapolis 11/25 0651 Fair/good w/ soul mx, wx, PSA. (KDF)
- 1230 WJBC IL Bloomington 11/27 1815-1840 Just barely heard in null of super strong WCLO.(RS)
- WQUA IL Moline 11/20 1242 w/ ad, rock mx o/ usually dominant WJBC. (JC)
- 1300 WKXI MS Jackson 11/20 0218 Very good on new call "Kixey" w/ black oldies mx. (KDF) 12/4 0250 Fair w/ soul. (RAL)
- WCLG WV Morgantown 11/25 0535 Fair u/ WTAQ OC w/ oldies show promo. (KDF) //(RAL)
- 1310 KAAM TX Dallas 12/4 0254 Fair w/ soft rock, "K-Double A-M" IDs, even on the hour.
- 1320 KADI MO St. Louis 11/23 1712 ID and promo, o/ WKAN. (JC)
- 1370 KTPA AR Prescott 11/30 0700 Poor but readable s/on. (RS)
- WFDR GA Manchester 11/30 0643-0650 ID and spots, nice strong signal. (RS)
- WLTH IN Gary 12/1 0750-0800 Fair signal mixing w/ WGHN. Put an end to a fairly good couple hours of DX. (RS)
- WGHN MI Grand Haven 12/1 0606-0607 Very poor w/ partial s/on. Faded away quickly, but returned later to plague me. (RS)
- KWRT MO Boonville 12/1 0715-0720 Dominant for a short time with farm news. (RS)
- KAWL NE York 12/1 0730-0738 Very strong with news and weather. (RS)
- WTAB NC Tabor City 12/1 0635-0640 Fair signal, a number of local spots and ID. (RS)
- WHEE VA Martinsville 12/1 0600-0603 Good strong s/on with slight interference from WSPD. (RS)
- 1410 WUNI AL Mobile 11/23 1752 Good w/ wx, ID, C&W mx, 71<sup>o</sup>. Wish I was there! (JC)
- WIZM WI La Crosse 11/22 1806 w/ NBC news, local news, ID. (JC)
- 1420\*KXOW\*AR\*Hot Springs 11/30 0621-0623 Short Equipment Test, easily heard over everything on frequency. (RS)
- 1430 WRCD GA Dalton 11/19 0603 Poor u/ WIRE w/ SSB, s/on, nx. (KDF)
- WBEV WI Beaver Dam 11/19 1730 Fair/poor w/ s/off u/ WQVQ. (KDF)
- 1450 WGNS TN Murfreesboro In 0352-0405 on 11/26 using slogan "WGNS/The Music Stn" ID. nx at 0400 then into R&R mx. Dominant/fair signal. (JJR)
- 1460 WRKR WI Racine 11/19 w/ rock mx, late s/off 1751. (KDF)
- 1510 KTTT NE Columbus 11/22 In very weak u/ WLAC @ 1858 w/ spot for Columbus Federal Savings, then ID. (JJR)
- 1540\*KGBC\*TX\*Galveston 11/23 0100-0105 ET w/ tone and frequent IDs. Poor thru KXEL.(RS)
- 1560\*KLTI\*MO\*Wacon 11/22 0127 Fair w/ET/TT/ID.(KDF)
- 1570 KOLS OK Pryor 11/23 1815 Strong w/ s/off announcement, mentioned FM at 104.5.(JC)
- 1580 KLTR OK Blackwell 11/23 1830 S/off, strong, w/ usual s/off announcement. (JC)
- KRZI TX Waco 11/23 YL DJ w/ R&R mx in from(JJR) 0200-0210 w/ fair sig & slight flutter. +11/23 1846 Good w/ TC, ID, ads. o/ WCLS & KLOU. (JC)
- 1590 KPRT MO Kansas City 11/22 1852 Ad, ID o/ pest WAKR, fair. (JC)

**DX TESTS**

- 1190 KADE CO Boulder 12/4 0203-0245 Fair-good w/ TT, frequent voice IDs, some morse code IDs. Mostly o/ QRM from an ABC stn, probably KLIF. (RAL)
- 1360 KRRR NM Ruidoso 12/4 fair o/u WSAI/KRYS w/ TT, voice & code IDs. Heard using timer & recorder method while I slept so I'm not certain of the exact time I heard it, but I have 45 minutes of tape of it that should lie within the scheduled test period of 0400-0500. (RAL)

A TIP OF THE HAT TO THESE CDXR REPORTERS

JC - JOHN CLEMMER, 2937 W. Gilbert, Peoria, IL 61604 (TRF)  
KDF - KARL FORTH, 630 S. Ardmore, Villa Park, IL 60181  
JJR - JOHN J. RIEGER, 529A S. 71st, Milwaukee, WI 53214 (Panasonic RF-2200)  
RS - ROBERT STEADMAN, 2758 S. Wentworth Ave. Milwaukee, WI 53207 (TRF, RF-2200, SM2)  
RAL - BOB LAZAR, 511 W. Doty, Apt. 208, Madison, WI 53703 (FRG-7, SM-2)

Once again, be sure to note the address above to send all reports to from 12/23 to 1/9. I'll be home from school for the Christmas holidays during that time period. Hopefully I'll be doing lots of DXing which is normal for me over Christmas break. Speaking of Christmas, have a merry one! 73.

**eastern dx forum**  
John Zondlo  
6617 Maryland  
Hammond, IN 46323

Allen Luckey-26 Gene Ave.-New Castle, DE 19720  
Not much new in staticland (yes, the local power company is still my strongest local). I was playing with my antenna system as of late and remembered someone had tried using Ma Bell's line as an antenna. I tried it and noticed a considerable improvement in signal on some channels but less improvement on others. Stations in the E & W directions were most improved. My telephone drop is running at a 90 degree angle to the LW so it would seem that I've obtained another LW antenna the easy way. Local electrical noise seemed to be about equal on the Ma Bell line. I've regretted selling my Hallicrafters SX-130 ever since I moved into a house, so I came up with a few extra bills and bought an old Hallicrafters S-120. The BCB on this receiver is almost unuseable for DX, as the selectivity is extremely poor, but it still gets me on the SW bands. When I can afford a better general coverage receiver, I may give it to my son to get him interested in DXing. All for now. 73's.

Karl Forth-630 S. Ardmore-Villa Park, IL 60181  
Greetings. I've been much busier than expected down at SIU, so no DX or DXF reports since August. The Atlanta NRC convention was really good, thanks to those who put it together. A few weeks after the convention I had the pleasure of meeting NRC'er Sid Steele, one of (if not the) Illinois' leading BCB DXers of all time. The only other radio/DX oriented thing I did through the fall was a visit to WKRO-1490 on the way to Cairo, IL. They have an ancient audio board and a piano right in the studio which is still used every Sunday morning over the air. DX was fairly good over Thanksgiving break, highlights were CFCH-600 and WANN-1190; for the rest, see DXR. Brian Sherwood's IRCA/NRC/CADX get-together over Thanksgiving was a big success, with 9 of the Chicago clan attending and even Rich Eddie from St. Louis. On my way to visit relatives in NW Illinois on 11/22 I stopped off at 500 watt WSDR-1240 in Sterling to pick up a verie. It's a very modern and well-staffed station for the market size; they run a f/c every two weeks, but they don't follow any schedule, so good luck, hi. See you at Christmas with lots of DX and other stuff. 73.

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

Just wanted to take a minute to remind everyone of the upcoming solar eclipse on February 26, 1979 (a Monday). This will be the last total solar eclipse to be seen in the U.S. in this century. Its 200 mile wide totality path will be centered on Portland OR and will run through ID, MT & ND, while the partial eclipse will be visible throughout the remainder of the U.S. & Canada. For those interested in trying for some unusual mid-day skywave (and who like to develop a DX strategy well in advance), following are some approximate eclipse begin and end times (undoubtedly your local media will provide more precise times): Boston--11:05am-1:35pm (EST); Chicago--9:40am-12:10pm (CST); Denver--8:15am-10:45am (MST); and San Francisco--7:00am-9:10am (PST). This will be my first try at DXing a solar eclipse, so if any of you veteran eclipse DXers have any tips or impressions to share, please do. 73's and thanks in advance to whomever is responsible for arranging this unique DX test.

John Clemmer-2937 W. Gilbert-Peoria, IL 61604  
Some pretty good DX here over Thanksgiving break. 15 new stations heard. Nothing great but not bad either. WUNI 1410 Mobile AL was heard on 11/23 over pest WING at 5:52pm. Another nice catch was KPRT 1590 Kansas City on 11/22 over pest WAKR at 5:52pm. Other DX is in CDXR. WWDJ test on 970 was not heard, only WMAV Springfield and not a trace of anything else, not even WAVE. WERC 960 Birmingham AL was in, so it wasn't a complete waste of time. Next chance to DX probably won't occur until semester break at Christmas. Season's Greetings and hope everyone has a Happy New Year. Good DX and 73.

C.M. Stanbury II-Box 218-Crystal Beach, ON LOS 1B0  
Ref. the item in DXWW II of 10/28 that KAIM (870 kHz Honolulu) was to turn over its SWBC CP to HCJB - there is now a great flap over this in DX circles (ASWLC, NASWA, SCDX, etc.), with HCJB vehemently denying the report (which also appears in the Nov. Popular Electronics). Although probably coincidence, it is strange this incident should occur just as HCJB's R. Americas Libre statement was appearing in Elementary Electronics. In any event, it makes KAIM that much more interesting a DX catch and further demonstrates just how important it is for serious BCB DXers to have a general knowledge of what's happening in the SWBC world. My definition of a serious DXer, incidentally, is someone who is interested in something more than mere statistics. A serious interest can be political, scientific, historical - or what have you -- but something more than simply totalling up stations, countries and QSLs. On that note I'll wish everyone a Merry Christmas, hi.

Bill Wurtzel-32 W. 31st St.-New York, NY 10001  
I recently picked up a Sanyo AM-PM cassette model M2402A with super-sensitivity. DXing in Passaic NJ while visiting my mother all the major 50kw powerhouses came in well, and only a few faded in and out. A Spanish station came in on 1200 kHz, probably Cuba. I heard a rare DX on 1540 around 8:20-30pm. A Canadian station ID'd as CHCL, playing C&W songs. I heard a Willie Nelson tune, the Sonny James singing "When the Snow is on the Roses", followed by Leo Sayer with a Buddy Holly song, "Rainin' in My Heart". Anyone know the whereabouts of CHCL-1540? Date of this report is 11/22. I am attending a get-together of Ray Arruda's of the NRC in Acushnet MA this weekend and hope to visit Ernie Cooper in Provincetown on Cape Cod and do some sensational DXing up there! Here are two DX related limericks:  
One day while taking a shower  
I spent nearly one hour  
Washing off some grease  
WNYC got a power increase  
To 50kw, and turned on the new power!  
Nothing else on New York's AM band can top  
WOR's very annoying slop  
Spreading from 680 to 730  
Sounding like a wierd birdie  
Going flip-flop, flip-flop, flip-flop!

Paul Mount-35 1/2 W. Columbus St.-Nelsonville, OH 45764  
DX totals rapidly rising, as I'm at the dial at least twice a week, usually a sunset session and a Monday morning, despite having to be out of here by 8am. Saturday Oct. 20 I hadn't planned to DX, but I spoke to Doug Miske and was influenced to try for NJ. Although I didn't hear NJ, I did manage WJQN-IL, KNIM-MO, KFDF-AR, KPIK-CO and KNIX-AZ, the last 3 representing states I never heard in NJ. Usually at sunset you get WPGC then CKLM slops over in NJ. KNIM is 750 miles from here and only 250 watts, also not bad. Through Oct. 31 the total is at 207/32/2/8 plus 4 Mexican estados, or whatever. 115 new stns were heard in October, is that a record, hi? Also two veries to report to Susan's column, from KIUP and WNVL DX tests. Actually, the WNVL verie came as a surprise, as I sent a "thank you for testing, I heard you" postcard and didn't ask for an answer. Verie total is 2. I visited Toledo for the first time over the weekend (11/4), seeing IRCans Frank Merrill (WSIN) and Gary Siegel (the much larger WGES) at the Sylvania police station. They heard the tones from WSKI's DX test, and have been buzzed for it. Also saw ex-IRCA Ken Romstadt (WOOS). 73.

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

Well, after many moons I finally got my '78-'79 NRC Domestic Log- complete with the hairs of the donkey that carried it all the way from Gales Ferry CT. I can't read the postmark, but the stamp is a commemorative for the assassination of president McKinley, hi. I didn't notice any changes as of November 23rd, but then the only foreign DX that I have heard and verified is Westduetscher Rundfunk. Conditions seem really abysmal (that's the technical term for "the pits")- unless you like those pests from YE-, HJ-, YV-, and CM-(Fidel)land. Right now I am getting a Venezuelan, Ondas del Lago, on 1120, which is creaming KMOX. I have a feeling that this is going to be a mediocre (like this year's Argo) DX season, as the high sunspot number favors propagation on the higher frequencies (like CB). I wonder if they will ever implement a 9kHz bandplan on this side of the pond. The NRC log was sent 3rd class. I bet it was sent first class to NRC members. I don't want this forum chopped, so I will say au revoir, adios, auf wiedersehen, etc., and 73's from one-sixth of Toronto's IRCA membership, and 100% of the U of T's IRCA membership.

details in the Ad-visor. Matthew, present KTOB 1490 petaluma stands for, "top of the bay", but, and this is a true story, they changed their calls bout 15 yrs + ago from KAPP, because some people were going around saying it stood for, "keep away from petaluma", hi! Must say, JOUB 774, which was always a powerhouse on 770, really stands out now. Complete sepeartion now from KXA/KOB, of course. Good s/off last thur morn., 12/07. Pls gang, I need something to keep me out of trouble (to a degree, hi) this season, would welcome all and any forum reports, but pls, double space, it takes about 1/2 the time to type a double spaced forum as a single one. That's it, see u in 7. 73 de RTH..

The WHYN STATIONS Corp.

WHYN-AM 560 • WHYN-FM 93.1 • WHYN-TV 40  
1300 LIBERTY STREET, SPRINGFIELD, MASS. 01101

Don Davis  
107 Oakdale Dr.  
Warner Robins, GA  
31093

QSL BUREAU

Finally! I would like to thank all of the patient folks who have been waiting quite some time for this article. I hope everyone finds something interesting.

How the system works - There are some stations who just won't verify no matter what you do. Almost. Invariably a personal visit to a station with report in hand will get you your prized verie (if you ask nicely). However, making a trip to a station out of your local area is out of the question in most cases. This is where the QSL Bureau comes in. You are not alone in the verie game, a large number of members who collect QSLs are in exactly the same situation as you. If we were all willing to spend a couple of hours each month visiting our local stations with other members reports it is obvious that everyone's verie total would be very close to 100%!

Mechanics of the system - After you have sent a verie request to your prized DX catch, give the station a reasonable amount of time to answer you. I was curious as to just what constitutes a "reasonable" length of time, so I took some arbitrary pages from my log book and came up with the following: 70.3% of the stations responding with a QSL took between 0 and 30 days; 13.3% took 31 to 60 days; and those stations taking longer than 60 days weighed in at 16.2% with most answering within 90 days. From this I think that 90 days is not an unreasonable length of time to wait before taking follow-up action. By follow-up action I am not talking about sending another report! Use the QSL Bureau. Use the list of station "managers" and find the person who has volunteered to manage stations in the area your holdout is located. Once you know who that is, send him a copy of your report, S.A.S.E., and a nice little note thanking him for making a super effort to support brotherhood via DXing. This involves some amount of effort on behalf of the volunteer "manager", as it will require a personal visit to the station using some diplomacy.

Volunteer!!! - The only way this thing will work is for all of you to sign up right now. Simply send me a note telling what stations, or what geographic area you would like to be responsible for. As an example: All metro L.A. stations, all stations within a 50mile radius of Macon, GA, etc. Once you do that I'll make sure that your name appears in print in periodic updates in the clubs. I am setting this up as a nonpartisan operation, and this is being sent to IRCA, NRC, and WTVFDA.

Side Effects - Some additional benefits to be derived from this system will be of benefit to the entire club as well as the QSL collector. When visiting the station and requesting a verie, I have found that stations are more than happy to supply a quick note written on a piece of their letterhead stationery. This looks so much nicer than a PPC. Also, whenever I visit a station I always play "20 Questions" with the GM or whoever will talk to me. Some interesting questions you might ask are: "When is your frequency check?", "What are your hours of operation?", etc. I find that taking along my NRC log really impresses station people. And when I ask them to make pencil changes or additions to their entry in my log, I've made a friend for life. Be sure, however, to send all of this new info to Joe Fela and John Callarman so it can do everyone some good. While you're at the station, a quick plug for the CPC and DXing in general wouldn't hurt a bit either.

The List - These kind (and patient) souls have already volunteered to manage their local-area stations. Lets hope we can regularly add to the list.

Area	Manager
Vero Beach to Ft. Lauderdale, FL.	Chuck Morgan, c/o WPBR, 3000 South Ocean Blvd, Palm Beach, FL 33480
Houston, MS (30 mile radius)	Mike Hepple, Box 7, Houston, MS
Hammond, Gary, Valp., Rensselaer, IN (+local area)	John Zondio, 6617 Maryland, Hammond, IN 46323
All KY stations west of I-75!!!!	John Hoogerheide, 105 Bayside Lane, Brandenburg, KY 40108 Note: Possible 4mo delay as special trips cannot be made. Patience.
All Pascagoula, MS stations	Chris Baskind, 603 Enger Dr., Pascagoula, MS 39567
New Bern & Jacksonville NC	Gregg Allinson, 908 Christopher Ave., New Bern, NC 28560
Chicago, IL and area (50 mile radius)	Richard Pistek, 8559 S. Kosensky Ave., Chicago, IL 60652
Macon, GA area (40 mile radius from Warner Robins.)	Don Davis, 107 Oakdale Dr., Warner Robins, GA 31093 Note: May possibly cover other middle GA stations from time to time. Write me.
Provincetown MA	Ernie Cooper, 5 Anthony St., Provincetown, MA 02657
Central NJ (40 mile radius from West Orange, NJ)	Elliott R. Strauss, 27 Devon Dr., West Orange, NJ 07052

Please be considerate of the managers and the station personnel. It would be very embarrassing for someone to try getting a verie with a poorly written report. Get out a good road atlas and take a look at just where your station is located. It won't do any good to expect someone to chase down a station 300 miles away when he volunteered for a 25 mile area.

THURSDAY DEADLINES  
**western dx forum!**  
Rick Heald  
1581 - 20th Avenue  
San Francisco, CA 94122  
Ph: (415) M0ntrose 5-4201

RICHARD WRIGHT-5276 "L" ST-SACRAMENTO, CA. 95819  
++++  
Since the Legislature recessed I have been traveling rather extensively, mostly on business or in connection w/my duties as Air Force V.P., Dept of Calif. Reserve Officers Assoc, and am still trying to get caught up. Last MM I did my first DX-ing in o/2 months, logging 2 new stns (XEX 730 Mexico, DF & KTRH 740 Houston), and recopying KOA Denver, for my third attempt to get their verie. This time I had enclosed a ppc and had it back in 3 days for my 22nd state veried (out of 23 logged) since I resumed DXing last March. KOA also returned my personal QSL card, which together w/prepared blank verification cards I had had printed while I was gone, w/a verification on it! In catching up on my various DX club bulletins I found that WDXF had run my comments on my conversation w/jack Stuart at KXEG Tolleason, AZ in the 26 Sep and 21 Oct DXms. In reply to your question, Rth, KXEGs address is: Mr. John R. Stuart, CE, Radio Station KXEG, 719 N. 3rd St., Phoenix, AZ. 85004. (cont next issue.....Rth).

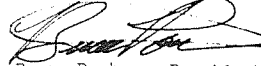
MATTHEW F SHUGART-12561 GROVEVIEW ST-GARDEN GROVE, CA. 92640  
++++  
Now to explain the answer to my quiz; (last forum). It's Garden Grove; the FM we lost was KGGK 94.3 which moved from my neighborhood to a site atop a 16 story bldg. just into Orange. The call is now KORJ or K-Orange, but it's still licensed to good 'ol Garden Grove. The AM is KWIZ which didn't change its license or site. Sp how did we gain them? Garden Grove negotiated to buy the willowick gold course at 17th & Santa Ana River where KWIZ's 3 self-supporting towers are located and annex it to Garden Grove. So for those of you who log XR sites rather than city of license, it's KWIZ Garden Grove. I still like KWIZ's old call better; KVOE, "voice of the Orange Empire", before that I understand they were KWTC, "Kome west to California"! Also, in Orange Co. radio, I hear KEZY has applied for 10kw. I've finally actually started building an antenna; the 140'/42.7m or so of wire is up...now if I can find the elusive loopstick. Saw and played grant Manning's modified TRF at the Ramona CTC. Looks like a winner! 73 de MFS.

RICK HEALD-1581 20th AVE-SAN FRANCISCO, CA. 94122  
Phone: (415) 665-4201 to 2200 PIA & ppc  
++++  
Howdy! Bought myself a christmas present Sat, 12/09, in the form of, yes RTH now has one, an FRG-7. Picked up used from Bill Flynn of Mtn. view (nr San Jose). The "frog" in un-modified (that will come later), and tnx to great protection from local groundwave in the form of 275m hills to the E, I have very little of the overloading problems others have experienced. Although, if I want to DX nr KGO, KCBS, KYA, and without saying, KNBR, I will need the filter soon. Been just playing w/it, no real DX, but I really like the sharp selectivity, as compered w/my Hammarlund HQ129, not that that is bad, the "Frog" is better. By the way, said Hammarlund is up for sale,

# president's REPORT

Keep up the contributions to DX Monitor (or start contributing if you haven't been...). '73 and good DX.

Respectfully submitted,

  
Bruce Portzter, President

## RECENT BOARD OF DIRECTORS ACTIVITIES

Proposal	GA	PB	LF	BH	RH	RK	FJP	Result
8.2-20	A	F	F	F	F	F	A	Passed
8.2-21	A	F	F	F	F	F	F	Passed
8.2-22	F	F	F	F	F	F	F	Passed
8.2-23	F	F	F	F	F	A	F	Passed
8.2-24	F	F	F	F	F	F	F	Passed
8.2-25	F	F	F	F	F	F	F	Passed
8.2-26	F	F	F	F	F	F	F	Passed
8.2-27	F	F	F	F	F	F	F	Passed
8.2-28	F	F	F	F	F	F	F	Passed

GA=Cregg Allinson, PB=Phil Pytheway, LF=Larry Flegle  
BH=Bill Hardy, RH=Rick Heald, RK=Rob Keeney,  
FJP=Father Jack Pejza, F= Favor, A=Abstain, O=Oppose

- 8.2-20 Reconfirm Father Jack Pejza as ANARC Rep.
- 8.2-21 Reconfirm Rick Evans as ANARC Rep.
- 8.2-22 Reconfirm Gere Martin as Registered Agent in Colorado.
- 8.2-23 Confirm Susan Sirulnik as Verie Signers List Editor.
- 8.2-24 Confirm Roger Morby as Heard and Verified DX Records editor.
- 8.2-25 Confirm Niel Wolfish as Graveyard DX Records editor.
- 8.2-26 Confirm Jim Ryan as Achievement Awards Chairman.
- 8.2-27 Approve the Peoria, IL, convention bid.
- 8.2-28 Confirm Larry Nebron as membership chairman.

## POSITION AVAILABLE

Special Features Editor. Prepare articles on DX listening, radio stations, events in the broadcast industry, etc. Articles can either be written by the editor, contributed by members, or taken (by permission) from Broadcasting magazine and other publications. Should have access to Broadcasting on a regular basis, since we have permission to reprint their articles.

## COMMENTS

Bill Hardy has resigned as Special Features editor due to time considerations and being out of touch with the broadcast industry. If you'd like to take over, please get in touch with me.

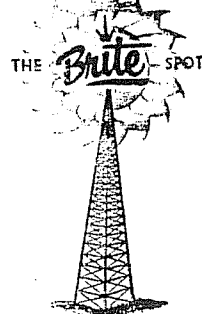
We now have several new editors and chairmen: Susan Sirulnik, 223 Lakeview Terrace, Teaneck, NJ 07666 as Verie Signers Editor; Roger Morby, Ushers Road, Ballston Lake, NY 12019 as Heard and Verified DX Records editor; and Niel Wolfish, 15 Donwood Grove, Toronto, ON M1N 2X1 as Graveyard DX Records editor. Please give these new editors the same (or more) good support you gave their predecessors. Jim Ryan, 2211 2nd Ave. NW, Cullman, AL 35055 is the new Achievement Awards Chairman and is eager and ready to start giving out awards. Larry Nebron, 27 Garden Grove Drive, Daly City, CA 94015, is starting to get organized as membership chairman --- if you'd like to help get new members or take part in some of the committee's other activities, or if you have some ideas on bringing in new members, get in touch with him.

As a reminder, if you're interested in helping the club or the hobby in some way, there are two areas where you might be able to help out:

Courtesy Programs Committee. Very few DX tests have been arranged by IRCA/NRC/GWDXA this season, compared to previous seasons. The situation would undoubtedly improve if more club members worked on arranging tests. If you'd like to make it possible for you and other DXers to hear a few more hard-to-get stations, our CPC Chairman, Rob Keeney, 9421 Taylor Drive, Overland Park, KS 66212, can help you get started.

Articles. Articles on DX listening, equipment, stations, etc are always needed for the bulletin. Perhaps you have some area of expertise that other members might be interested in, such as with languages or a technical field; or you've bought a new receiver and have some comments on it; or you've recently finished building an antenna or receiving accessory you designed. How about committing your knowledge to paper and sharing it with fellow IRCAn's? If you have an article in the making, get in touch w/publishing HQ or myself and we'll help you get it into print.

CALUMET STAMP CLUB  
Hammond Indiana



CALPEX '74 Commemorates

W.S.D.D.  
Radio Center # 1221 - 1974



## ANOTHER IN THE SERIES ON UNUSUAL RADIO STATIONS

By Cary Simpson

One of the most unusual radio stations in history had to be XERB, Rosarito Beach, Baja California, Mexico, as it was operated toward the end of World War 2. All of its time was totally devoted to one commercial, which was repeated over and over again, 20 times an hour, 24 hours a day, seven days a week, with the exception of the government mandated Spanish language period a few hours Sunday evening.

The sponsor, The Mercury Insurance Company, made an arrangement with the station owners to give them a commission on the sales they made to people who would write in to the station. This is very similar to the "P-I" or Per-Inquiry deals that radio and tv stations have today when they sell record albums or other mail-order stuff.

But, XERB, unlike the other stations that ran a variety of sponsors and also ran entertainment such as record shows, didn't do anything but run this commercial.

The pitch lasted about 4 minutes and 45 seconds. It was on a record that understandably was rather scratchy by the time I heard it while aboard a ship in the Pacific. The record was played through with the complete sales talk, ending with the mailing address, etc. Then, about 15 seconds of time was taken up with a spoken ID by an announcer while he moved the needle back to the beginning of the commercial.

I can verify that this commercial was run this way, since I was working in the Combat Information Center aboard ship, and had access to a communications receiver over a period of months.

The only "entertainment" consisted of about 4 seconds of "San Antonio Rose" by Bob Wills, which began each commercial and was faded under the pitchman.

Can anyone else recall hearing this station when it was run this way? According to my calculations, the commercial was heard about 3, 300 times each week. Apparently it wasn't that successful a deal, since I've never heard of the Mercury Insurance Company since then.

The pitchman was terrific. Sounded like Earl Nightingale, and by the time the 5 minute pitch was over, you were convinced. But, then, he started all over, and you wondered.

XERB operated then, as it does now, with 50 kW, directionalized north. Later, as XEPRS, it became the place where Wolfman Jack achieved stardom. Now, it seems to be a Spanish language outlet 100% of the time.

The biggest understatement of all times had to be the opening line of the pitch that was given for the Mercury Insurance Company. It began, "Many of you who are listening may have already heard about the old reliable...etc." Yes...just 5 minutes before, and before that, and before that again....



1037 COLOMBIA, Bucaramanga, HJZD, R. Primavera, I'm 90% sure is the stn here. Good ID's 11/13 0940 & 11/21 0324 that sounds like listed ID w/o the "p" in front. (Hutton, GA)

1060 CUBA, Habana, CMKB, R. Enciclopedia, good w/cl mx & ID by female 11/16 0030. (Hutton, GA)

1070 COLOMBIA, Bogotá, HJCG, R. Santa Fe, poor-fair 11/16 0033 w/enthusiastic ID. Slightly off freq by around 100 Hz. (Hutton, GA)  
+R. Santa Fe ID w/marching mx, then mx. Fair 0030 11/28. (Townshend, DC)

1090 COLOMBIA, Manizales, HJIA, Ondas del Navado, xlnt w/ Todelar chimes & ID 0830 11/27. (Hutton, GA)

1090 VENEZUELA, Caracas, YVZS, Exitos Mil Noventa, 11/5 2357 w/good ID. Fairly often dominant here. (Hutton)

1101 DOM. REP., Nagua, HIFS, R. Nagua, poor w/ID 2300 11/17. (Hutton, GA)

1110 CUBA, CM--, new R. Angulo outlet very good 0430 11/17. Xlnt 1010 11/27 w/chime IS to 1015 s/on. Complete ID after every 5 IS'es. (Hutton, GA)

1110 VENEZUELA, Valencia, YVRX, R. Mia, xlnt 11/5 0515 w/WET off. Apparently they have resumed AMing. (Hutton)

1120 CUBA, Holguin, CMDL, R. Angulo, //1110 11/26 2333, poor u/Antillas & Ondas del Lagos. (Hutton, GA)

1120 VENEZUELA, Maracaibo, YVMP, LA mx & SS talk by OM // YVGT-1110 fair u/KMOX 0537 11/27. (Townshend, DC)

1150 VENEZUELA, Punto Fijo, YVFM, Ondas del Caribe, way up on top (no domestics hrd) w/SID 11/7 0537. (Hutton)

1160 COLOMBIA, Montería, HJAZ, fair 11/26 0720 & 0920 IDing as LV de Simu - listed as Emisora Simu. All alone w/ Aeropuerto & Radiolandia off. (Hutton, GA)

1160 CUBA, Artemisa, CMCE, R. Artemisa, practically alone 1123 11/26 w/ID. (Hutton, GA)

1170 COLOMBIA, Cartagena, HJMW, LV de la Heroica, noted 0937 11/27 before WRTH-listed 1000 s/on. (Hutton, GA)

1170 ? COLOMBIA, unid, RCN ID 0720 11/26. Nothing listed for RCN here. One local ID which I can't decipher. (Hutton, GA)

1180 CUBA, CM--, unid, fair-good 1130-1142 11/26, generally 07R. Reloj. ID 1130 sounds more like "R. Santa Cruz" than any other listed Cuban - phoretically it sounds like "san-ta-too". //1190/1200. (Hutton, GA)

1190 CUBA, CM--, //1180. (Hutton, GA)

1200 CUBA, CM--, //1180, all stns about the same strength. (Hutton, GA)

1201 HAITI, Port-au-Prince, LVDS, R. Progrès, xlnt at s/off 0505 11/17. Short NA followed. (Hutton, GA)

1207 CUBA, CMKD, R. Revolución (ex-R. Reloj) poor-fair w/ calls, slogan, & Revolución chimes 11/18 0421. Sig very distorted, a jumble of carriers within 100 Hz. all IDing. (Hutton, GA)

1220 BRAZIL, Rio de Janeiro, ZYD65, R. Globo, fair 0600 11/26 w/QRM cutting rising set of tones they use, ID, fanfare, & nx. (Hutton, GA)

1220 COLOMBIA, Montería, HJAV R. Cordobesa, very poor u/ Vision/Globo w/poor jumbled ID & RCN promo 0601 11/26. (Hutton, GA)

1250 COLOMBIA, Bogotá, HJCA, R. Capital, rising o/a rum-ble 11/27 0357 w/ID. (Hutton, GA)

1250 CUBA, CM--, new Dobleve outlet here 11/27 0400 w/ fair signal. (Hutton, GA)

1290 CUBA, CM--, unlisted Dobleve outlet hrd 11/17 0025. (Hutton, GA)

1290 COLOMBIA, Santa Marta, HJEB, LV del Turismo, logged w/ID 0330 11/28. (Stanbury, ON)

1300 COLOMBIA, Cartagena, HJOG, strong 0202-0205 11/28 w/ Todelar & Cartagena annts. Clear for a few minutes. (Stanbury, ON)

1310 CUBA, CM--, new R. Revolución 11/5 0418. (Hutton)

1365 HONDURAS, Cd. Danli, HRTB, R. Danli, fair 11/24 0222 w/their often-used long series of cuckoos & "R. Danli" ID. (Hutton, GA)

1404 MEXICO, Puerto Penasco, noted this 11/5 0305, 11/19 0545, 11/21 0600 w/ment of Puerto Penasco. No call hrd. XEQC-Puerto Penasco listed on 1390 in Hauser's Mexilist. Not on every night to 0600. When it is on it makes Guinea impossible. (Seaver, CA)

1455 t HAITI, FF here 11/29 0003 very poor. Strength comparable w/La Voix de Nord having moved here from 1465. (Hutton, GA)

1465 ECUADOR, Esmeraldas, HODYh, R. Iris, xlnt v/nx & ID 0300 11/29. (Hutton, GA)

1541.4 COLOMBIA, Barrancabermeja, HJHD, LV de Petroleo, poor 0315 11/27 w/ID. (Hutton, GA)

1550 COLOMBIA, Barranquilla, HJCB, R. 15-20 (sic), noted atop CBE 0233 11/20. CBE, incidentally, was playing West Indies mx at this time. (Stanbury, ON) (WRTH lists slogan as R. 15-50, which would seem more logical than 15-20.... bp)

1550 COLOMBIA, Cali, HJLT, R. Farallones, fair w/ID o/a real jumble 1112 11/26. (Hutton, GA)

1560 MEXICO, Cd. Juarez, XEJVP, hrd nightly 0015-0300 w/ numerous ads for Banco Nacional de Mexico, Banco B-C-H, Superama en Rio Grande Mall. Has jingle ID after each record w/simply "La P-V". No R. Chamizal IDs hrd. (Mittler, NE)

1570 ? UNID, 0503 11/28 w/2 definite "R. Feyta" IDs, nothing even close listed. About 100 Hz off freq & audio too distorted to read unless exalted carrier reception used. (Hutton, GA)

1571 DOMINICAN REPUBLIC, Santo Domingo, HTAJ, R. Union, in the clear 11/16 0130 w/"en Santo Domingo, transmite R. Union". (Hutton, GA)

1670 ECUADOR, Esmeraldas, "RSM" beacon noted in the clear 0335 11/28: "BCA" Bucaramanga, which used to QRM this one regularly, has not been hrd for at least a couple months. (Stanbury, ON)

Time for another  
PACIFIC DX EXTRAVAGANZA

594 UNID, carrier 1015 12/h, looping S Asia. About ISS in Brunel. I would have said too much to hope for before the big shift, but I'd believe anything now. (Peterson, CA) (I guess that's a little too early for the 1000 kw Indian.... bp)

603 ? UNID, carrier 1020 12/h u/severe KFRC QRM (looped; unable to determine direction. (Peterson, CA)

612 ? UNID, carrier 1022 12/h just barely audible w/KFRC This makes me a believer in the FRC-7. I could never have pulled that trick on the HQ-180. (Peterson, CA)

639 t FIJI, Lautoka, suspected stn throwing wretched het on KFI, looping S.Pac/DU 1014 11/29; again 1445 11/30. (Everitt, CA)  
+Surely the one w/Polynesian choral mx briefly in well & causing loud het in KFI null 1020 12/h. (Portzer)

648 t AUSTRALIA, Tamworth, 2NU, probable w/very good sig & rather low modulation, DU accented talk by man w/ occasional interjections by woman 1445 11/30. KQRL very weak. This still good until nearly 1500 when (naturally) signal started dropping out, leaving KQRL w/only slight het looping DU. (Everitt, CA)

648 ? UNID, carrier 1410 12/3, in the clear. (Peterson)

655 N. KOREA, Pyongyang, YL jabbering 1350 12/2. (Bytheway)  
+Xlnt w/oriental talk by woman, followed by man 1332 11/30; turn of loop brought carrier on 657, possibly 2YC-Wellington. (Everitt, CA)

693 JAPAN, Tokyo, JOAB, noted 11/25 1200 w/pips & NHK ID poor-fair. XEARA off this Sat Morning. (Seaver, CA)  
+Probably the OM & YL in JJ 1113 fair. Bad het. // 891 11/30. (Williams, OR)

t +Most likely as cause of very bad het on XETRA during good Japan cx 1206 12/1. (Everitt, CA)

693 ? UNID, carrier in faint 1038 12/h; KNBR looped but still rough. (Peterson, CA)

702 t AUSTRALIA, Sydney, 2BL, 1047 11/28 good in terrible KNBR slop, no audio extractable until 1052 when some snatches of speech & MoR pop were noted, looping DU. 1017 11/29 carrier equal to WLW at times, no audio distinguishable in combined WLW het & KNBR slop (not to mention XETRA) also loops DU. (Everitt, CA)

702 JAPAN, Kitami/Hiroshima, JOID/JOFB, had audio 1040 12/h, then came back on the hour for definite NHK pips. (Peterson, CA)

711 t FIJI, Suva, seems most likely cause of bad het on 710 looping SoPac/DU, although a couple of Aussies also possible 1019 11/29; flipping between this & 702. (Everitt, CA) (Fiji was hrd several times here when they were on 710, so probably them. bp)

729 ? UNID, carrier 1046 12/h looping DU. Two exciting possibilities: 5CL & Noumea! (Peterson, CA) (Noumea was reported on 666 last week by Pete Taylor, so I'm now unsure of the status of this one--possibly it's just an allocation they aren't going to use for a while, in which case your het was probably 5CL. bp)

738 SOCIETY ISLANDS, Papeete, FR3, very strong signal noted here at times. Taped 0850 11/26 for a report. (Alden, OR)  
+Het has been here every evening I've tried since 11/23 until s/off 0730 (0900 SM's). 11/26 was the only time I've pulled audio, tho. (Portzer, WA)

738 ? UNID, carrier 1050 12/h, looping DU. (Peterson)

747 t AUSTRALIA, Towoomba, HQS, jazz mx looping DU 1343 12/2; at 1358 had a single tone & into man talking, then KXI-750 put on their carrier, dashing any hopes on an ID. (Bytheway, WA)

747 JAPAN, Sapporo, JOIB, only fair 11/27 1110 w/NHK2 pgm. (Seaver, CA)  
+12/2 1254 w/woman & man //77L. (Bytheway, WA)  
+11/30 1106 w/YL in JJ, nice signal. Also 12/2 1035-1040. VOA pgm in EE about American railroads //828. (Williams, OR)

# DX Worldwide



**BRUCE PORTZER,**  
Editor

All times GMT/UTC  
Deadline Thursday

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

## NEW DX WORLDWIDE EDITOR

It's time to announce the name of the new DX Worldwide editor. Effective with the first deadline in January, send your reports to:

Elliot Strauss  
P.O. Box 168  
Red Bank, N.J. 07701

Elliot's been DXing since the early sixties and has heard a few hundred foreign BCB DX stations, so he can be expected to do an excellent job with the column. His deadlines will be Tuesdays, beginning January 2, 1979. In the meantime, continue to send your tips to me. My holiday season deadlines will be 12/14, 12/19, & 12/26 (note that the last 2 are Tuesdays).

## THE NEW FREQUENCY PLAN

Art Peterson reported stns/hets/carriers on 729, 801, 927, 1152, 1161, & 1593 this time, thus reducing the number of "unheard" TP frequencies to 24. And on the subject of the new frequencies, if you're having trouble remembering which frequencies are part of the new plan, add up the digits, if they add up to 9, 18, or 27, it's part of the plan (i.e. 747 kHz - 7+4+7 = 18). If they add up to something else, the frequency is not part of the plan.

Meanwhile, across the big ponds, two overseas members report on what they're hearing:

Mike McGovern, near Dublin, Ireland, reports: "Changeover took place smoothly in most cases. All the Asians usually audible before the date, including Urunchi-1525, Hanoi-1010, Calcutta-1130 & many other Indians, have 'disappeared', which means they are now on 'European' channels.

Stations which changed early: (noted on new freq by 1900 GMT on 11/22) Israel-738, Morocco 612/702, Spain-1260

Stations which haven't yet changed: (to date 11/24 midnight)

Portugal-none have changed yet - still noted on 620/629/665/728/755/782/926/1034/1169/1196/1061/1286/1367; Andorra-701; Egypt-620; Libya-827/1250; Morocco-656/863; Holland-890; Tunisia-629/962; United Arab Emirates-1480; Lebanon-836; Algeria-548/980/1421.

New RTE & R. Na Gaeltachta frequencies: (pre 11/23 frequency & power in brackets:

Tullamore-567 (566), 50000w (150000) RTE  
Dublin-1251 (1250), 10000w (5000) "  
Cork Local Radio-1188(1250), 10000w (5000) "  
Carraroe-540(539), 2000w(2000) RNG  
Cahirciveen-828(962), 1000(1000) "  
Donegal-963(1250), 10000(10000) "

Most significant change is power on 567. now 500kw all day (previously 500 kw daytime only)."

Mike Hardester, on Okinawa, reports: "All the Okinawa stns have switched and NHK/JOAD-1360 is now on 1125...as of today (11/27) I have counted 250+ frequencies with audio and/or carrier from 0900-1400 GMT. Taiwan apparently did not switch: American Forces Taiwan Network (AFN) noted on 1550 & 1570 plus 2 Chinese stns w/the Taiwan Chinese ID. N. Korea on 655 & 827 plus numerous other freqs not of the 9 kHz freq schedule. In short, the frequency change is a mess. Hets everywhere...the pre-9 kHz plan was bad enough but the current mess is just that: a mess."

## ATLANTIC DX ROUNDUP

- 665 PORTUGAL, Lisboa, still here as of 11/29. (Hutton,GA)
- 827 ? UNID's(2) 11/24 & 11/25 evenings. (Hutton, GA)  
(Sounds like Libya, per the above. bp)
- 765 SENEGAL, Dakar, fair in WABC QRM 2300 12/3.(Connolly)
- 1034 PORTUGAL, Porto Alto, fair w/PP talk 2251 11/24.  
(Hutton, GA)
- 1044 MOROCCO, Sebba-Aioun, good w/pop-rock 2240 11/24.  
(Hutton, GA)
- 1053 ENGLAND, BBC, very poor 2248 11/24. (Hutton, GA)
- 1089 t ENGLAND, BBC, very weak man in EE?? 2247 11/24.
- 1088 ? UNID, looping Africa eves of 11/24 & 25.(Hutton,last2)
- 1215 ENGLAND, BBC poor 2305 11/24. (Hutton)
- 1304 ? UNID, AA 2303 11/24. (Hutton, GA)
- 1404 GUINEA, Conakry, xInt 11/25 0100 w/end of melodic African mx, echoed "La Voix de la Revolution" ID, talk in FF. (Hutton, GA)  
+Loud w/plucked string mx, similar to a ukelele, followed by male & female chanting 0039 12/4.(Connolly)

- 1467 MONACO, Monte Carlo, fair-poor 2330 11/24, extremely weak het from 1466 noted at times. (Hutton, GA)
- 1539 W. GERMANY, Mainflingen, poor-fair around 0000 11/25.
- 1554 ? UNID, looping Africa 2327 11/24. (Hutton, GA, last2)
- 1593 W. GERMANY, Langenberg, fair 11/25 evening in poor TA cx. (Hutton, GA)

## PAN AMERICAN DX ROUNDUP

- 540 MEXICO, San Luis Potosi, XEWA, 0434-0446 11/24 o/u YVOV & YNOW w/ranchera mx, OM ancr, ID. (Gerardi,IL)
- 540 NICARAGUA, Managua, YNOW, 0434-0446 o/u XEWA/YVOV 11/24 w/soft LA mx, ID "R Corporación" 0430.(Gerardi)
- 540 VENEZUELA, Villa del Rosario, YVOV, "R. Perijá" Fighting in out w/ XEWA & YNOW 0434-0446 11/24 w/ interview & nx, ID 0445. (Gerardi, IL)  
(This stn changed calls to YVOK a couple mos. ago.bp)
- 572 a CUBA, "R Rebelde Cadena Nacional" ID & s/off w/arthem 0300 11/29 easily separable from WMAX & what was prob Costa Rica-575. Is this CMI? (Nittler, NE) (Don't know. Cartwright hrd it on 574 last issue. bp)
- 610 GUATEMALA, location unkn, 11/12 0352 w/ments of Guatemala, "en Guatemala", etc. ID is not R. Senerial, the listed Guatemala. (Hutton, GA) (What? : No QRM from Trinidad? bp)
- 630 ? UNID, almost has to be a Guatemalan by this hour (1139) 11/26. Man in hyperthyroid SS yelling "atencion, atencion" & keying loud air alert type sirens. Talk, then process repeated. (Hutton, GA)
- 640 GUATEMALA, Guatemala, TGW, "TGW la emisora del Pueblo" ID 0200 11/29 well o/KFI for more than an hour. (Nittler, NE)
- 660 GUATEMALA, ??, "R. Nacional de Guatemala, la emisora del Pueblo" ID 0100 11/29. What is this? (Nittler,NE)
- 660 MEXICO, cd. Delicias, Chih., XEACB, ID as "Radiodifusora XEACB seis sesenta kilohertz, Cd. Delicias, Chih." on hour. Hrd first 11/9 0045 & almost nightly at this time including up to 11/29. (Nittler, NE)
- 670 GUATEMALA, numerous mentions of Guatemala 11/29 0145 in long talk o/WMAQ. Is this still R. Fabulosa? (Nittler, NE)(Gerry Thomas hrd a "R. Dialio" ID on the Guatemalan here a few months ago. Don't know if that's in addition to or now in lieu of "Fabulosa".bp)
- 680 HONDURAS, Siguatepeque, HRN, LV de Honduras, loads of "HRN" & "HRN, la gran cadena" IDs 11/7 0437. Good o/Guba & Colombia. (Hutton, GA)
- 690 COLOMBIA, Bogotá, HJ CZ, LV de Colombia, very poor u/ the Cuban. ID during pause in CMBC audio 11/7 0430. (Hutton, GA)
- 725 COSTA RICA, San José, TILX, "R. Columbia" ID 0450 w/some sort of sports broadcast & excited ancr. (Nittler, NE)
- 730 CUBA, Holguín, CMKJ, SS talk by OM. Fair o/XEX 0221 11/24. (Townshend, DC)
- 760 ? UNID, SS talk by OM fair u/CMCI 0258 11/24.(Townshend)
- 840 COLOMBIA, Santa Marta, HJBI, 0417-0455 11/17 w/1A mx, ID, talk by OM o/CMHW w/WHAS in null. (Gerardi, IL)
- 854 PERU, Lima, OAXHA, R. Nacional del Peru, 11/7 0526 w/best audio in many years, but still only fair. ID 0529. (Hutton, GA)
- 860 BRAZIL, Rio de Janeiro, ZYD68, wide variety of mx from bossa nova to EE rock, many "Mundial" IDs by man in PP 0705-0805 11/20. Good peaks, long fades. XEMO nulled. My first Deep S. American. (Feltman, PA)
- 860 CUBA, CM--, new Reloj good 11/17 0517 on top & pretty much kills the channel here. (Hutton, GA)
- 870 HONDURAS, location unkn, R. Honduras noted giving WWL FTS 11/6 w/ID 1130. Seemed //880. No sign of 890 R. Honduras for several months, maybe they've moved here to avoid other CA QRM? (Seaver, GA)
- 871 VENEZUELA, Caracas, YVU, R. Libertador, putting a tremendous het on WWL 11/16 2345. Poor ID in slop. (Hutton, GA)
- 970 COLOMBIA, Bogotá, HJCI, LV de la Victor, fair-good w/emphatic ID 11/26 0115. Inaudible w/c WAVE phased out. (Hutton, GA)
- 985 ? UNID, new stn on the channel, very weak but stronger than the Peruvian. (Hutton, GA)
- 995 ECUADOR, Guayaquil, HCEW2, R. Suceso, xInt 0515 11/25 w/"Suceso, la romantica de Guayaquil" ID, very strong. (Hutton, GA)
- t +Carrier & EZL mx here 1018 12/4. Unreadable brief amt by man between songs 1027, then faded. Faded up briefly every 5-9 minutes until 1044 when I gave up & went to bed. (Bytheway, WA)
- 1000 NICARAGUA, YN--, unid carrying R. Nacional de Nicaragua pgn 0400 11/17. Possibly R. Mil as I've noted many YN's relaying 620. (Hutton, GA)
- 1020 VENEZUELA, La Asunción, YVRS, R. Margarita, (last word hrd several times) ID by OM fair-good 0102 11/28.(Townshend, DC)

+Totally outstanding w/EE nx 1205 12/1, easily thru light 710 slop (KCBS); noted as het only most other nights. (Everitt, CA)

156 ? +1053 12/4 very strong w/EE lessons. (Peterson, CA)  
UNID, carrier 1056 12/4, last time it was DU, now looping N Asia. Probably a different stn--JOGK? (Peterson, CA)

+Someone looping NE Asia w/inst mx 1055 12/4. In total conformance w/Murley's Law it suddenly faded down to nothing--not even a trace of a carrier hrd by 1100. (Portzer, WA)

774 t AUSTRALIA, Melbourne, 310, lush piano mx in & out up to hour w/ABC pips; however, was mixing w/JOUB w/NHP's tape showing 2 sets of pips (ABC & NHK) 1240-1300 11/24. (Newell, BC)

774 JAPAN, Akita, JOUB, good 11/27 1100 w/pips & NHK ID. (Seaver, CA)

+Definitely the best JJ stn so far; 1415 11/30 had very good sig w/JJ talk, alternate male/female ancrs, possibly lang lessons, altho if so, I failed to ID 2nd lang; 1202 12/1 very good w/EE nx (world & Japan) by very non-accented (US-sounding) ancr; 1107 12/2 xint w/conversational EE lessons w/phrases like "He always said he'd work for himself all his life", seems to be a lesson in capitalism, too, hi. 1156 12/3 xint w/JJ talk. (Everitt, CA) (NHK's EE lessons have some of the most fascinating pgm material avail on radio these days, hi. bp)

783 ? +In solid 1105 12/4. (Peterson, CA)

UNID, carrier 1106 12/4 looping S Asia, strengthening to weak audio but unreadable. (Peterson, CA)

792 ? UNID, carrier 1112 12/4 looping S Asia, Singapore? Not too likely under the cx at that time. (Peterson)

801 ? UNID, carrier 1118 12/4 very weak & w/RGO slop. (Peterson, CA)

819 NEW ZEALAND, Rotorne, 11Z, 1400 12/2 6 pips & into nx, then wx w/mert of various NZ cities. Mx 1403, then R. New Zealand ID & "4 mins past 2" TC followed by a rundown on pgms. EZL mx began 1405. (Bytheway, WA)

t +Suspected cause of het on WBAP looping DU 1440 11/30. (Everitt, CA)

828 t AUSTRALIA, Sale, 3GT, possible cause of bad het WCCO 1323 11/29 looping DU. (Everitt, CA)

828 JAPAN, Osaka, JOBB, new freq is making this one appear earlier as first noted here 0755 11/24. (Aden, OR)

+1043 12/2 w/EE talk by western-US-accented man about American mx w/interspersed cowboy-type ballads, poss documentary as part of language lessons; 1213 12/3 w/xint signals & very good audio quality w/JJ talk (sounded slightly processed, like US stns). (Everitt)

837 ? UNID, w/faint voice looping Central Asia 1135-42 12/4. Perhaps China ex-835. (Peterson, CA)

846 t AUSTRALIA, Canberra, 2CY possibly the stn buried in KOA-850 slop 1009 11/29; no audio distinguishable, looping DU. (Everitt, CA)

846 ? UNID, carrier (DU) 1125 12/3. 2CY? (Peterson, CA)

+Carrier (TP) 1144 12/4, as well as the above. Japan or Korea probable. (Peterson, CA)

873 JAPAN, Kumamoto, JOGB, presumed during good Japanese cx w/good carrier, snatches of audio in slop 1220 12/1; 1100 12/3 w/schmaltzy MoR 1059, some muffled talk (may have been call) then very good ...- pips, "This is NHK" in EE, EE & JJ talk by man, into odd violin mx, 1103 more JJ talk, into cl string-quartet mx. (Everitt, CA)

+In well w/talk in JJ. (Peterson, CA) (Time&date?bp)

+//747 w/male & female talk fair-poor 1039 12/4. (Portzer, WA)

882 t NEW ZEALAND, Auckland, 1YC, probable cause of heavy H80 het looping DU 1027 11/27; again 1007 11/28. A couple of Australians somewhat less likely. (Everitt)

891 t FIJI, Lautoka, heavy het on WIS, often o/it, occ snatches of pop-like mx looping SoPac/DU 1023 11/28; again 1004 11/29, same situation. Prob this, but could conceivably be SAN-Adelaide. (Everitt, CA)

+12/2 0953-1003. YL Hindi vocals across the hour. Amnt 1003 by OM, sig dropped way down. (Williams)

891 JAPAN, Sendai, JOHK, very good w/very clear "JOHK", ...- pips 1200 12/3, then into JJ nx; approx 3 Hz SAH from stn on similar bearing (quite possibly HLKB). (Everitt, CA)

927 ? UNID, carrier 1156 12/4 fighting KNEW slop. (Peterson)

945 JAPAN, NHK1 synchros in w/usual pips 1200 12/4. Fairly weak but would have been impossible w/o split freq. (Peterson, CA)

954 t JAPAN, Tokyo, JOKR, suspected w/JJ MoR vocal & good signal in much slop 1107 12/3. (Everitt, CA)

954 ? UNID, carrier 1204 12/4 w/local KABL looped. JOKR? (Peterson, CA)

963 ? UNID, carrier in 1207 12/4 w/KABL looped. Likely NHK or KBS. (Peterson, CA)

1008 JAPAN, Osaka, JONR, Asahi Hoso, first hrd as weak aud to 1345 12/3, then in much better w/pop JJ songs & decent sig 1215 12/4. And at 1300 the usual single time tone on the hour. This stn is special since it was my first from Japan way back when. (Peterson, CA)

1008 t NEW ZEALAND, Tauranga, 1ZD, likely the heavy het on IOIO looping DU 1025 11/29, although a couple of Australians are also possible. (Everitt, CA)

1017 t TONGA, Nuku'alofa, A3Z, up for pips, into possible ABC nx, local EE nx about 0710 & vernacular by 0715. Subsequent receptions indicated a slightly varying EE pgm length. Chimes between nx items did seem to be the order, however. 0700-0720 11/29. (Newell, BC)

(Last week's report was from info rxd over the phone. bp)

+0806-1000 12/7 w/mixture of Polynesian, cw, & rock mx (including a recent Rod Stewart song). Amnts by YL in EE or vernacular between songs. At about 0953 had man w/brief talk, then YL returned for about 3-4 mins, then choral anthem of sorts & off, corresponding to listed 1000 s/off time. Good signal much of the time but had frequent deep fades. (Portzer, WA)

+12/4 0912 w/Polynesian mx & YL in accented EE, then light mx. 0933 YL in vernacular. (Bytheway, WA)

+All by itself 0909-15 12/4, EE songs (some rock) & vernacular amnts. Almost as easy as shooting fish in a barrel! Wow do I love these new allocations! (Peterson, CA)

1017 ? UNID, carrier 1352 11/28, looping DU. Too late for Tonga; could be an Aussie. (Peterson, CA)

+Het looping to NE Asia 1042 12/4. (Portzer, WA)

+Good signal w/non-JJ-sounding oriental talk by man w/occasional interjected woman o/u & w/jammer on same freq 1137 12/3 looping MW. (Everitt, CA)

1026 SOLOMON ISLANDS, Honaira, VQO, hrd w/mx 0916, male talk 0917, into EZL version of "Red Roses for a Blue Lady", Anne Murray song 0920. By 0930 another stn was QRMing them. 0939 man in EE w/weird accent, 0949 choral chanting //5025 kHz SW. By 1000 apparent Aussie was atop channel w/6 pips. (Bytheway, WA)

+Male talk etc noted various times 0930-1000 12/4. I spent most of my time on 1017 while Phil sat here; we kept swapping comments by phone. (Portzer, WA)

t +Listened in 0918-1002 12/4 w/FRG-7 RF gain wide open, the channel was so quiet. Audio was fair-poor & voice not readable. Started getting more sigs as time went on, likely Aussie/NZ/PI type. Best bet for this is 0800-0900 to avoid QRM. (Peterson, CA)

1035 JAPAN, NHK2 synchros, in w/NHK pips 1300 12/2. (Peterson, CA)

1035 ? UNID, someone in w/good-nil sig 1118-1150 12/2 w/ accented EE male ancr & pop mx (Lightfoot, Bee Gees, etc.). Probably NZ. (Portzer, WA)

1044 CHINA, Shanghai, 1332 11/30 good w/CC or similar non-JJ talk; 1038 12/2 good w/CC or similar talk by OM; 1122 12/3 very good w/soft oriental mx, w/what sounded like an oboe as the predominant inst, & CC or similar talk by man. (Everitt, CA)

+YL in JJ, then CC mx. Rather poor signal & slop from 1040 12/1 1148. (Williams, OR)

+Finally in well enough to ID 1255 12/2 w/talk in JJ. Also in fair 1237 12/4. (Peterson, CA)

1053 CHINA/JAPAN, Nagoya, JOAR, at 1111 12/3 good w/CC opera style stuff w/slight SAH; by 1125 stn w/MoR pops w/ dominant electric bass/drums was on top, this 2nd stn presumed to be JOAR Nagoya. O/u each other for quite a merry little spell. Who says the "Great Cultural Revolution" brought culture to the PRC, hi. No // 1125 noted. (Incidentally, no drift or modulation trouble noted this time). (Everitt, CA)

1053 JAPAN, Nagoya, JOAR, in w/faint voice 1320 12/2 & in well 1340 12/3 in JJ. (Peterson, CA)

1062 ? UNID, carrier 1239 12/4 looping S Asia. (Peterson)

1098 t NEW ZEALAND, Christchurch, 3ZB, most probable cause of het looping DU, although again Aussies a possibility 1032 11/29. (Everitt, CA)

1107 ? UNID, carrier in 1346 12/1 looping S Asia. (Peterson)

1125 JAPAN, NHK2 synchros, in w/pips 1400 12/1. (Peterson)

1134 JAPAN, Tokyo, JOQR, Bunka Hoso, in w/JJ talk 1330 12/3. (Peterson, CA)

1143 PHILIPPINES, Porc, WOA, was in w/good voice in Viet, I assume, & looping to PI. (Peterson, CA) (Date & time? bp)

+Seems likely w/xint sig in local KRAK-1140 slop 1225 12/3. W/KRAK carefully muffled (not easy, due to phase-shifting in groundwave) good oriental talk & mx; as might be expected, went down into mud 1229, only to return w/even better sig 1235 w/female oriental talk & pop-sounding mx. Even if directional away from WCNA, seems as if some part of one million watts could make it. (Everitt, CA) (It has, even on 1140.bp)

1152 ? UNID, carrier 1351 11/29, looping N Asia. (Peterson)

1161 ? UNID, carrier barely in 1447 12/3 u/KSL slop that was earsplitting even when looped. (Peterson, CA)  
 1188 ? UNID, 1315 12/3 looping N Asia w/faint voice but could not tell what language. JOKP? (Peterson, CA)  
 1197 ? UNID, 1310 12/3 w/fair signal but undermod voice that did not reveal language. Looped S Asia. Several stns possible. (Peterson, CA)  
 1215 ? UNID, carrier 1355 11/29 looping N Asia this time rather than DU. S. Korea possible. (Peterson, CA)  
 1386 ? UNID, appears to be an oriental stn w/female anc noted 0750 followed by accordian or at least what sounded like one, then male anc 0759, then 3 pips: 2 low short notes followed by one high long note. Any ideas. 11/26, not hrd since. (2&l pips sounds like S. Korea except that there's none listed. bp)  
 1476 RFSR, Vladivostok, R. Moscow was just barely in 1432-1500 12/1. Voice was very weak, but the Kremlin bells saved the day. KB started 1459:30 rather than on the hour (which I've never hrd before), but domestic slop prevented hearing if it continued past 1500. (Peterson, CA)  
 1476 t SABAH, Sandakan, Suara Malaysia, probably the weak audio 1227 12/4. Not strong enough to be sure, but was looping the right way. Nice to have this & R. Moscow on at different times. (Peterson, CA)  
 1512 CHINA, unkn location, pips 1500 12/4 good. (Taylor, CA)  
 1548 ? UNID, a very faint carrier detected at times 0930-1130 11/27. My total attention to this was wasted, not a bit of readable audio. A few snatches of mx may have been slop. Not a trace before or since. (Hutton, GA)  
 1566 SOUTH KOREA, Cheju Island, HLDA, noted most nights; good w/female anc in non-JJ-sounding oriental lang (possibly KK) 1357 11/30; xlnt w/very well modulated talk by 2 men in apparent JJ (not as harsh as others to me) 1152 12/3. I imagine this should be fairly easy when I get back to OK. (Everitt, CA) (I'm not so sure... I haven't hrd them yet from here. bp)  
 1422-1248 12/2 w/brief spurts of voice that reached xlnt levels at times. At 1445 played a few bars of "Star Wars" theme but not from the Soundtrack. (Peterson, CA)  
 1575 CHINA, Wenzhou, was looking for Thailand but this was the stn in 1450-1505 12/2. Voice was not well modulated so couldn't tell from that. Strained to hear Yankee Doodle at 1500 but got a choral rendition of the "Internationale" instead for 5 minutes, then the signal suddenly dropped out 1505--s/off? (Peterson, CA)  
 1593 JAPAN, Niigata/Matsue, JOQB/JOTB, was in rather weak w/NHK pips 1500 12/3. (Peterson, CA)  
 1602 ? UNID, carrier in weak 1358-1400 11/29 but could not dredge out any pips on the hour. (Peterson, CA)

1 megawatt VLF transmitter at Jim Creek, near Seattle, operates on 18.6 kHz & the "hets" contain what sounds like FSK teletype traffic and/or audio from the respective BCB stn. Phone calls to the respective CE's have resulted in comments like "Gee that's interesting" but the problems remain. Owing to the fact that several stns are involved, it's hard to point to the cause of the problem. (I'm mentioning these things in case a) someone near Seattle hears an unid "weird" het, and b) someone knows a possible cause/solution). (bp)  
 1550 FL, Coral Gables, WRHC, 11/28 2215 talk in SS by OM. S/off 2230 fair. (Townshend, DC)  
 1560 CA, Bakersfield, KPNC, seems to have SS pgm after their 1230 s/on; it's been noted 3-4 times in the last couple months but don't know its exact sked. (Portzer, WA)

#### VERIFICATIONS

660 MEXICO, Cd. Delicias, Chih., XEACB, v/1 in SS w/key chain & postal cards by reg mail. Address 2A Norte, No. 313, v/s Mario Diaz Cazares, PD. (Mittler, NE)  
 1060 MEXICO, Mexico, XEEP, R. Educacion, v/1 w/address Angel Urraza 622, Colonia del Valle, Mexico 12, DF. f/c Ing. Ignacio Espiosa Abonzo. Said was 20 kw when I hrd them. v/1 in SS. (Mittler, NE)

#### CONDITIONS

"Late Nov cx generally poor for foreign DX: weak but steady short-skip domestics dominant, LAs only fair, TAs poor." - Connelly  
 "Auroral cx for several nights (in late Nov.bp)" - Townshend  
 "An interesting pattern of reception this last week. The low band was not too good at any time, but the high band was pretty good around 11/27 & 12/3 w/poor mid band. In between those dates, the high band wasn't too good, but the mid band was good. The new channels have made every morning a good morning to DX, not just MM. I've been getting up at 0530 every day to get in 1/2 hr of DX before getting ready for work w/considerable success in spite of lack of superior cx." - Peterson  
 "On 11/29 at 1008 it was necessary to null Colombia before I could hear anything from WLS! Same morning, XEJR was interfering heavily w/KTWO at 0902. Also hrd 0911, some LA u/KKX when latter was nulled, first time ever. The first 8 days after the TP freq change have been featured by the most intense auroral cx I have ever encountered in Denver. However, on these 8 days, I've detected TP carriers on 15 freqs (see unid carrier section. bp). All under lousy cx! What will it be like when cx get all the way up to mediocre?" - Martin

#### CONTRIBUTORS

Another heavy turnout this week:

Frank Aden, 105 SW Brook, Apt 44, Newport, OR 97365  
 HQ-180A w/wedge, FRG-7 Mark II (modified) w/SM-1  
 Phil Bytheway, 9722 Mary Avenue NW, Seattle, WA  
 R-392, amplified wedge  
 Mark Connelly, 52 Amsden St., Arlington, MA 02174  
 R-390A/URR, SM-2  
 Doug Everitt, 1710 W. Maine, Enid, OK 73701  
 temporarily in Antioch, CA w/SW-4A & R. West loop  
 John Peltman, 4324 Valley Drive, Allentown, PA 18104  
 DX-160, SM-2  
 Rob Gerardi, 1418 N. Lincoln, Apt. D, Benton, IL 62812  
 DX--160, Spiral loop  
 Mike Hardester, CFAO Medical, FPO Seattle, WA 98770  
 Chuck Hutton, 1035 Latham Rd., Decatur, GA 30033333  
 R-390A, HQ-129X, Antennas: (LA) 1900' phased Beverage at 150°, (TA) SM-1, 300' LW, (DU) 1900' Beverage at 240° (Fahrenheit or Celsius? bp)  
 Gene Martin, 3303 East Evans Avenue, Denver, CO 80210  
 HQ-180A, box loop  
 Mike McGovern, 5 Cherbury Gdns., Booterstown, Co. Dublin, IRELAND  
 R. Colin Newell, 2360 Forbes St., Victoria, BC V8R 4R6  
 DX-150E, 2' frame loop  
 Bill Mittler, 603 W. First, McCook, NE 69001  
 HQ-180A, spiral loop  
 Art Peterson, 851 31st Street, Richmond, CA 94804  
 FRG-7, R. West Loop  
 Bruce Portzer, still here  
 HQ-180A w/SB-620, 4' box loop, 35' longwires  
 Randy Seaver, 1154 Via Trieste, Chula Vista, CA  
 HQ-180A, Sanserino Loop  
 C.M. Stanbury, Box 218, Crystal Beach, ON LOS 1B0  
 HQ-200, 90' LW  
 Pete Taylor, 2614 Jackson St., San Francisco, CA 94115  
 Sony ICF 6700W w/o external antenna

#### INTERNATIONAL UNID CARRIERS ROUNDUP

Actually, some of these are IDed carriers and some are merely hets. But I needed a catchy name for this section, hi.  
 Chuck Hutton, near Atlanta, reports 548 (Algeria), 738 (Spain) 1016 (Unid), 1475 (Unid), 1557 (France), & 1575 (Tunisia??), in addition to the ones listed in the TA section. Don't know what sort of audio they had, if any.  
 Gene Martin, Denver, indicated that on the first 8 days of the new freq plan he detected carriers on 657, 693, 738 (Tahiti plus something else after they s/off), 747, 756, 774, 819, 873, 882, 1008, 1026, 1125, 1206, 1548, & 1557.  
 Phil Bytheway, Seattle, hrd carriers/hets on 594, 655, 657, 666, & 1008 between 1233 & 1251 12/2; and 774, 747 & 828 (apparently all Japanese) carriers around 0640 12/6.  
 Doug Everitt, temporarily in Antioch, CA, hrd the following hets 12/3, mainly looping NW: 567, 576, 594, 756, 783, 837, 918, 1008, 1035, 1062, 1107, 1116, 1134, 1152, 1161, 1242, 1278, 1363, 1377, 1458, 1503, 1602, adds "Most other splits had IDed or tentative loggings this night, or else had too much slop to hear a het. One carrier was also briefly noted on 675, actually managing to poke a het thru on KNBR. Will wonders never cease?"  
 Pete Taylor, San Francisco, noted the following hets/carriers at 1500 12/4: 639, 711, 1179, 1386, 1467, 1512, 1575.  
 And finally, Yours Truly, noted the following hets/carriers 1000-1100 12/4: 1098, 1017, 1008, 891, 882, 864, 828, 612; plus those listed in the Pacific section. Around 12/8 1000, the only carriers/hets hrd were 747, 774, 828, & 854 looping to NE Asia; and 639/891 looping DU (probably Fiji).

#### DOMESTIC INTERNATIONAL ROUNDUP

551.4 WA, Seattle, hets of rapidly changing frequency have been hrd here & 588.6 for the last few months, 18.6 kHz above & below KVI-570. Similar hets are hrd +18.6 kHz from KIRC-710, KOMO-1000, KYAC-1250, and KGAA-1460. By some incredible coincidence, the Navy's

Bill Townshend, 4500 Conn. Ave. N.W., Washington, DC 20008  
 Realistic TRF  
 Dave Williams, Box 605, Highway 101, Astoria, OR 97103  
 SPR-4, SM-1, 360' IW

Looks like the new frequency plan has stirred up a lot of DXing activity on the west coast. It's interesting to note the amount of TP catches this week, at a time when Mark Connelly says TA DX is poor. I wonder what TP DX will be like when TA DX picks up again... Art Peterson asks what "DPI2" x-960 listed on 1287 in the new wave plan in the foreign log is. I'm not sure what it is or does but it's listed (on 960) in the 78 WRTH as Dept. of Public Info w/o any call letters. Chuck Hutton sends word that NHPs unid on 1155.1 was YSCF and his unid on 715.4 was LV de Portoviejo in Ecuador. Wouldn't you know it...the two WA stns that DKK says haven't been reported to DXM in the last few years are both stns I can hear from here during the day! I guess you can eliminate two more from your list, Don. I guess that does it for this week. Merry Christmas everyone!



Father Jack Pejsa  
 212 S. Carpenter Rd.  
 Modesto, CA 95351  
 209-524-6674

CHANGES, DISCREPANCIES, ADDITIONS, ETC.

The new IRCA Foreign Log, page 18-22, lists TP frequencies as of 11/23. The recent NZ DX Times has a similar list of TP stations, but with some differences. What follows is the listing for stations as indicated in NZDXT, with the IRCA listing shown in parenthesis.

531	SUV	Adelaide ex 530	954	4..	Thursday Island	
558	2..	Tomerong, new	963	3BO	Delete	
	4GY	Gympie, ex 600		2RG	Griffith ex 1070	
567	2BH	Broken Hill ex 570	972		Brunei, Kuala Belait	
	6MN	Mt. Neuman	990	8GO	Gove, 0.5 kw	
576	2FC	Sydney ex 610 (612)		DWRT	ex 980 10 kw	
		Sabah, Tenom ex 568		7BU	Delete	
585	5..	Monarto, new	1008	2XX	Canberra ex 1010	
	8..	Katherine, new		4CA	Delete	
612	4QR	Brisbane ex 580 (576)	1017	6WH	Wyndham 0.1 kw	
	6NM	Northam ex 600	1026	6MM	Port Hedland	
630	7QN	Queenstown	1035	4..	Innisfail, planned	
	6AL	Albany ex 650		6..	Onslow, planned	
		Cook Islands ex 600 10kw	1044	4WP	Weipa, ex 1040	
639	4DD	Toowoomba	1062	3CV	Delete	
		Karachi 1000 kw (630)		4SB	Delete	
648	6GF	Kalgoorlie (657)			Western Samoa ex 1050	
657	8DR	Darwin (648) ex 650		AIR	Passighat ex 1060	
	AIR	Calcutta A		AIR	Pondicherry	
666	6BE	ex 670 (? see 675)	1071	3CV	Maryborough ex 1060	
675	2CO	Corowa (666) ex 670		4SB	Kinggrove ex 1060	
	6BE	ex 670 ? (see 666)		2RG	Delete	
	4..	Goonyella, new	1080	4MI	Mount Isa	
	5..	Pinaroo, new	1089	4..	Maranbah, planned	
	8KN	Katherine ex 670			Suva, 10 kw planned	
		Brunei, Serasa 100 kw			Pakistan, Chitral	
	AIR	Itanagar, new		2GZ	Orange, ex 990	
684		Fiji, Labasa, 2.5 kw	1098		Pakistan, Hyderabad	
702	2BL	Sydney, ex 740		3EA	Melbourne ex 1120	
711		Pakistan, Multan, 100 kw	1116	2..	Cabar, planned	
		Brunei, Kuala Belait, 1kw	1125	6..	Carnarvon, planned	
720	2AN	Armidale		AIR	Rahat ex 1100	
729		Pakistan, Peshawar, 10kw	1143	AIR	Ratnagiri ex 1140	
738	2NR	Grafton, (702) ex 700			Pakistan, Tawalpindi	
756	6KW	Kunamurra, 0.1 kw	1152	AIR	Ranchi B ex 1230	
	3..	Wangaratta, new	1170		Pakistan 10 kw	
765	3..	Corryang, new		AIR	Hyderabad C	
	6..	Paraburdoo, new		DZHP	10 kw ex 1130	
	2BE	Bega ex 1480(1485)		4GC	Charter Towers	
792		Musaffarabad, 100 kw		D..	60 kw NMPC	
801	2EA	Sydney, ex 800	1179	AIR	Jodhpur ex 1220	
	2..	Moruya, planned	1197		Fiji, Sigatoka 2.5 kw	
810		Labasa, 2.5 kw	1206	RRI	Surabaya 1 kw	
837	3CR	Melbourne ex 840		6..	Pemberton, planned	
	7QT	Queenstown	1215	7..	Launceston, planned	
846	4CA	Cairns ex 1010		AIR	Srinigar C ex 1200	
	6CA	Carnarvon ex 850	1224	AIR	Calcutta D ex 1220	
	JOCP	5 kw ex 820		2WS	Sydney	
864	7HO	Hobart ex 860		1XX	Murapara repeater of 1XX	
		Cook Islands, ex 820 1 kw	1242		Brunei, Tutong 20 kw	
	AIR	Shillong ex 1090		6KA	Karratha, new	
891		Brunei, Berakas 10 kw	1260		Pakistan, Islamabad	
900	DWRP	New NIA		AIR	Ambikapore	
	JOZR	RKC Kochi 5 kw		AIR	Lucknow B ex 680	
918	AIR	Suratgarh ex 920	1278		3..	Orbast, planned
927	6NR	Perth 0.5 kw ex 930	1305	6..	Broome, planned	
945	3BO	Bendigo ex 960				
	4..	Charleville, planned				
	6..	Meekatharra, planned				

1314	AIR	Cuttack B ex 1350
	2WL	Wollongong ex 1430
	3BA	Ballaratt ex 1320
	2GO	Delete
	5AD	Delete
1323	3BA	Delete
	2GO	Gosford ex 1310
	5AD	Adelaide ex 1310
	3ZM	Christchurch
		Fiji, Rakiraki 2.5 kw
1332	AIR	Tezu ex 1330
	D..	ex 890 5 kw
1341	2LF	Delete
	2NX	Bolwarra ex 1360
	22N	Nelson ex 1340
		Pakistan, Bahawalpur
	AIR	Kohima B ex 1490
1350	2..	Blacktown
	AIR	Dharwar B ex 1160
1359	2LF	Young
	2NX	Delete
1377	8AL	Alice Springs
1386	1ZT	Turangi ex 1390
1395	5..	Monarvo, planned
1404		Western Samoa, ex 1420
1413		Pakistan, Bunjawa
1422	AIR	Rajkot B ex 1420
		New Hebrides ex 1420 (P.O. Box 49, Vila)
1431	AIR	Chandigarh ex 1230
	AIR	Calicut B ex 1090
	2WN	Wollongong ex 1580
	2WL	Delete
1440	AIR	Ahmeddabad B
	AIR	Port Blair B
		Pakistan, Karachi
1449		Pakistan, Karachi
1458	FEBC	Zambales 250 kw
1467		Fiji, Rakiraki 2.5 kw
1476	4ZR	Roma ex 1480
	AIR	Jaipur A ex 1480
1485	3ZO	Twizel ex 1550
	2LG	Lithgow, ABC
	4HU	Hughenden ex 1570
	5LN	Port Lincoln
		Diego Garcia AFRTS
		Pakistan, Lakarna 1 kw
	AIR	Bhopal B ex 1200
	AIR	Allahabad ex 1420
	AIR	Baroda ex 1500
1494		Lord Howe Island ex 1490
	AIR	Trivandrum ex 1170
1503	AIR	Srinigar B ex 1490
1512	DZYA	1 kw ex 1490
1521	3YR	Reefton ex 1510
	AIR	Aurangabad ex 1520
1530	AIR	Mathura
		Pakistan, Bhiria
1548		Pakistan, Khipro 10 kw
	D..	5 kw ex 1100
1566	4GM	Gympie
		Fiji, Suva 5 kw
	FEN	Sasebo 250 watts
		Norfolk Island ex 1570
1575	3..	Warrnambool
	6..	Ezmouth, planned
	VOA	1000 kw, 1000-1600 GMT
1584	2WA	Wilcannia
	7SH	St. Helens ex 1570
	5MG	Mt. Gam bier
	5WM	Woomera ex 1570
	AIR	Jaipur B ex 1270
	AIR	Indore B ex 1590
	AIR	Madras B ex 1150
		4 AFRTS stations, 250 watts, Philippines
1593	AIR	Bhopal A ex 1440
1602	2CP	Cooma ex 1570
	3WL	Warrnambool
	5LC	Leigh Creek ex 1570
	AIR	Naghpur B ex 660
	AIR	Pune B ex 1230
	AIR	Patna B ex 1500
	AIR	Mysore ex 1400
	AIR	Tiruchi B ex 1480

out of order:  
 675 Lae //Wewak-675, Papua, N.G.  
 1593 2WN Delete

## OTHER TRANS-PACIFIC

Easter Island. The Chilean Air Force operates a station on 690 kHz with 250 watts. Address: Fuerza Aerea Chilena, Easter Island via Chile. (NZDX 11/78)

Guam. KTWG, the MW outlet of KTRW is on 800 ex 770. (Arctic 11/3)

Hawaii. KAIM-870 will increase to 50 kw in 1979. KNUI-1310 had an equalizer installed for an improved signal. KPOI-1040 has the weakest signal in Honolulu, even weaker than 1 kw KZOO, but puts an excellent signal into New Zealand. KPUA is also weak locally. KIVM may move to 570. (NZDX 11/78)

New Hebrides. Radio Vila has extended its schedule and now broadcasts on Saturday, previously a silent day. (NZDX 11/78) Now on 1422.

New Zealand. Radio Rhema, 3XG, began 11/11 on 1570 (now 1575) with 2 kw. Reports to P.O. Box 2420, Christchurch.

Radio NZ is applying for warrants to set up relay stations in New Plymouth and Taupo. They also want to add local programming to the relay stations in Turangi, Hawera, Kaikohe, Kaitiaki, Alexandra and Queenstown. Future plans include National Program relays for Manaka and Te Anau. Radio NZ transmissions have been noted on 1116 and 1183.

Thailand. The station on 923 broadcasts in JJ 1530-1550. (NZDX)

## LATIN AMERICA

### Argentina.

540 LRA25 R. Nacional, Tartagal, new, 5 kw (Arctic 11/17)

### Brazil.

630 ZYH422 R. Nacional de Macapa ex 1460 XYE2 R. Dif. Macapa has 10 kw. (Arctic 11/17)

540 R. Nacional de Comumba, new, 10 kw

580 R. Nacional de Teje, new, 10 kw

1270 ZYI256 R. Soc. Cararinense ex ZYH7 1470.

Cayman Islands. Weekday s/off on 1555/1205 is 0345. (SWNS 11/78)

Costa Rica. Amigo-1125 IDs on the hour as Onda Once Veinte. (SWNS 11/78)

Radio Monumental, TIBAS, San Jose, now 24 hours, with relays on 875, 1050, 1140, 1360, 1420, and 1440 1030-0500. (Arctic 11/17)

Cuba. The Cadena Agremonite transmitter which was on 1670 kHz last winter has been noted recently on 1578. (SWNW 11/78)

### Ecuador.

660 HCFF1 R. Jesus del Gran Poder on only 1 hour per week from 0000 Sat., relaying Em. Gran Colombia.

855 HCGB7 R. Nacional Espejo, El Puyo is completely different from station with same name in Quito. 1600-0400.

955 HCJX6 La Voz del Santuario ex La Voz del Agoyan is on local mornings and evenings; not on Monday at all.

990 HCA05 R. America ex 985.

1045 HCEP5 Escuelas Radiofonicas Populares, 1000-1400, 1700-0300.

1370 HCRP7 R. Pastaza, new. 1145-1800, 2330-0400.

1420 HCRN1 R. Bahai, Otavala, new, 1 kw. 1045-1300, 1645-0600. These hours contradict schedule given elsewhere so may be in error.

1430 HCCV3 R. Canal Juvenil now only on MW on this new frequency. 1100-0600 with 1 kw. (Arctic 11/17)

Panama. La Voz de Panama, Panama has moved to 1080 from 1380 with music only. Radio Titania has moved from 1080 to 1380 and is on 1100-0500. Both are located at Calle 42, San Francisco de La Caleta. (Arctic 11/78)

### Paraguay.

1000 ZP. R. Ypoa, Paraguari has received permission to operate here with no more than 10 kw. (Arctic 11/17)

Uruguay. Radio Colonia is still on 550, not 540 as reported earlier. This is the only non-Buenos Aires station which can be heard without special effort by the common listener in Buenos Aires. The manager is an Argentinian and its programmes are prepared especially for the Argentinian audience. (Arctic 11/17)

Radio Caribe-850 is on 0925-0500 with 50 kw. (NRC via NZDX 11/78)

## TRANS-ATLANTIC

Afghanistan. The new transmitter sites are Herat, Kandahar and Balkh are now under construction. (Arctic 11/17)

Algeria. Radio Algiers carries EE 2000-2030 and SS 2030-2100 on 251 kHz. (SCDX 11/7)

Angola. The Voice of Namibia, presented by the South West Africa Peoples' Organisation over Radio Nacional de Angola, Luanda, currently uses 1088 kHz 1630-1700. (SCDX 11/7)

Beacons. Following beacons have been noted in England: LIC-543.5, Lichfield; LR-770, Cracow; SW-930, Vykhma, USSR. Not yet IDed are KJ-710 and KL-870; MR-1005, RO-1010, DP-1170, and AB-1200. NM, NO, VO, ZG, RS, CR, AK are all on 1190; HT, EP, KM, RW, OZ all on 960; GD, RD, DW, ND all on 975. OA (counting in Russian) is on 1030 and a local or aeronautical beacon in Pilsen is on 822 daytimes. (MWN 11/78)

Bulgaria. Plovidov is on 647 with 30 kw and Petrich is on 746 with 500 kw. (NRC via MWN 11/78)

Clandestine. There are from 100 to 300 transmitters, mostly located near the northern border, in Croatia. (SCDX 10/30)

Cyprus. Radio Bayrak has been heard in England with EE and Greek service 1000-1300 and 1600-1900 on 1490. (Arctic 11/17)

Czechoslovakia. Zelena vlna (green wave) is aired normally on 1070 only on Fridays 1300-1700 and Sundays 1500-1830, but for a couple of weeks they also have been broadcasting this program irregularly on Saturdays with s/off 1700. (Arctic 11/3) Prague is on 1070 with Praha-Inter from 0630-1300 and 2300-0100. (DSWCI via MWN 11/78)

RFE jammers on 719 are located in Pilsen. Call CW-S5; Brno G7, Bratislava L1. Other jammers are located near big cities. Calls heard but unknown locations are I2 and P2 - Prague - Z3. Most of these jammers, especially S5 and Z3 are audible also on SW. Power on MW is about 30 kw. (MWN 11/78)

Egypt/Kuwait. Abu Zabal, Egypt and Kuwait on 1340 and 1345 are on at the same time with religious programming and can be easily confused. Kuwait is religious 0225-0230 followed by ID and news at 0230. (MWN 11/78)

Finland. The new daily EE service from Radio Finland can be heard on 254 in addition to 557 and 962 at 2015. (SCDX 10/3)

Germany, East. Radio Berlin International will be using 1359 instead of 1511 after Nov. 6, for broadcasts to Europe. (SCDX 11/7) Burg, Dresden, and Suhl each are 250 kw on 1044 kHz. (MWN 11/78) Radio DDR Messehalle will stay on MW. Frequency is not known, but probably from Leipzig-531. (Arctic 11/17)

Germany, West. Bad Durheim closed on 11/23. The new transmitter in Thurau, near Bayreuth, will start with reduced power on 549. Full power will be 200 kw. This will be the only DLF transmitter on this frequency. The Nordkirchen transmitter with 1000 kw will not be completed until 1980. It is also planned to increase the LW transmitter at Donebach-155 from 250 to 500 kw. (Arctic 11/17)

Great Britain. Metro Radio and Radio Hallam have been given the go-ahead by the IBA to begin 24 hour broadcasting, as of 10/1/78. Newcastle-603 will have a low powered Radio 4 transmitter on 603. Radio Leeds BBC is on 774. Cambridge will have a low powered transmitter on 1197 for Radio 4. Manx Radio is now using 1367 ex 1295. (Arctic 11/3) 18 new local stations will be on the air during 1980-81. There will be 9 BBC locals and 9 IBA locals. (Arctic 11/17) The new locations for BBC locals are Barrow in Furness, Cambridge, Lincoln, Northampton, Norwich, Shrewsbury, Taunton, Truro and York. (MWN 11/78)

Greece. After 11/1 the frequency of AFRTS Athens will be 1584. (NZRDXL via Arctic 11/3)

India. A new Foreign Service transmitter is in use on 702 from Jullundur. (MWN 11/78)

International Waters. Voice of Peace-- Abie Nathan is reported to be looking for a 10 kw SW and a 1 kw VHF transmitter.

Radio Mi Amigo announced they will soon start operations in the 49 meter band. Mi Amigo and Radio Caroline have been off the air since 10/10, perhaps installing new equipment. Radio Caroline will soon be operating 24 hours a day. Radio Del Mare will be back in summer of 1979 on 1562 kHz. (SCDX 11/14)

Iran. Radio Abadan is heard daily except Sunday in Israel in EE 1300-1500. Mostly music, with news 1400-1415. (SCDX 11/14)

Ireland. Radio Telefis Eireann has been authorized to operate a second National Radio Programme. The 100 kw transmitter at Athlone will be used. The programme will meet the needs of younger people but will not be exclusively a pop station. Laws will be introduced in the Irish Parliament to strengthen existing laws against illegal broadcasting. (MWN 11/78)

Italy. RAI Second Program now uses 998. Radio Milano International is testing on 1594. (Arctic 11/3) Conflicting reports have them testing on 1490. (SCDX 11/14)

Lebanon. Private radio stations will soon be ordered to cease operations, according to the Prime Minister. He said these stations are more dangerous to the security situation than weapons and barricades. The Middle East News Agency said that the right-wing Phalangist station, the Voice of Lebanon, would be considered illegal, despite the station's claim to have a government license. Other stations affected by the ban would include the Voice of Arab Lebanon, run by the Independent Nationalists Movement. (SCDX 11/14)

Libya. The name of the ship Mebo II has been changed to El Fatah and the tender is now called Almasira. The Korar program is now broadcast over 1232 and 1611. (Arctic 11/3) The ship is no longer owned by Swiss Mebo Ltd. (Arctic 11/17)

Luxembourg. Radio Luxembourg will drop its FM format and go mainly for disco music. (Billboard via Arctic 11/17)

Mali. With a loan from the Federal Republic of Germany, Radio Mali will be able to buy 2 SW transmitters of 50 and 100 kw and a 100 kw MW transmitter. Installation should be complete by the end of 1979. (NZDXT 11/78)

Malta. Maltese Prime Minister has lifted the ban on the BBC Journalists entering Malta imposed 7/7. BFBS station which he ordered closed on 7/15 was re-opened on 10/11. (MWN 11/78)

Morocco. Laayoune-656 is the former station in what was El Aaiun, Spanish Sahara. (MWN 11/78) Rabat-1043 ends SS at 1800, then goes into FF well past 2400. (NZDXT 11/78)

Norway. Following stations closed 11/1: Bodø-674, Bergen-890, Kristiansand-890, Trøndelag-890, and Fredrickstad-1578. The remaining LW and MW stations will be Tromsø-155, Oslo-218, Vigra-630 (ex 629), Finnmark-702 (ex 701), Stavanger-1314 (ex 1313) and Svalbard (Spetzbergen) 1466. (SCDX 10/31) A new stronger transmitter for 1314 has been ordered. Programs formerly on Fredrickstad-1578 probably will go to Stavanger-1314.

11/3)

Qatar. 995 is not used by Qatar Broadcasting Service. (Arctic Rhodesia. The name of the country will not change to Zimbabwe on 1/1/79. In fact, it may be a couple of years. (Arctic 11/3)

Saudi Arabia. The new superpowers are on the air but only for tests. 548 will be beamed to the Arab Republic of Egypt, 611 to Jordan, Lebanon, and Syria, 899 to Jordan, Lebanon and Syria, and 1520 to Egypt and North Africa. Daba-1520 is now on. (Arctic 11/3, 11/17)

South Africa. Radio Five with popular music and announcements in EE and Afrikaans is on 24 hours a day on 701, 719, 728, 782, 800, 1115, 1286, and 1313. The frequencies will be adjusted most likely with the new general plan. (Arctic 11/3) Radio Five is now on 575 in Johannesburg (Maraisburg) together with 719 as of 11/21. 719 apparently will be dropped. (Denzil V. Baker, Durban, South Africa)

Swaziland. SBS will operate separate networks in Siswati and English in 1980. A 100 kw transmitter will be located at Sidvokodvo. (Arctic 11/3)

Sweden. Gothenburg-981, with 150 kw, will be used for broadcasts to Europe: 2200 in Portuguese, 2230 in SS, 2300 in English, and 2330 in Swedish. The Swedish Telecommunications Administration hopes to replace the current Horby MW transmitter with a new one near Simrishamn on the southern coast by 1982. The new transmitter will have 1200 kw on 1179 and will cover southern Sweden, Denmark, and the Baltic coasts of West Germany, East Germany, Poland, Lithuania and Latvia during the day. At night it would cover much of Scandinavia, Britain, and northern Europe as far south as Belgium and northern France. In any case, the aging Horby transmitter will probably have to be taken out of service in 1985. (SCDX 10/31, 11/14)

Syria. It appears that 953 carries the Western/Turkish service while the Arabic program is aired on 827 (ex 953). (Arctic 11/3)

Transkei. Transkei Capital Radio is building a studio in Cape Town for the 2% programming that will be on tape, e.g., interviews, in-depth interview, etc. (Arctic 11/3)

The managing director of London's Capital Radio denies that any help has been given to the African Capital Radio. (SCDX 11/14)

Tunisia. Monastir-1523 is now using 20 kw. (Arctic 11/3)

U.S.S.R. The British Service has now been cut to 1 hour daily, 1900-2000 on 1142 khz and other frequencies in the 41 and 49 meter bands. (SCDX 11/7)

Yugoslavia. Radio Novi Sad will have two independent MW networks. A powerful transmitter will be built in Srbobran for programs in minority languages, while two transmitters will be available for programs in Serbo-Croat. One will be in Banat with 150 kw and the other in Backa with 50 kw. (Arctic 11/3)

Time Changes. The clocks were put back 30 minutes in Iran on 11/10. From 10/8, the time in Cuba is GMT - 5. (Arctic 11/17)

Hope I got all the current tips. It can be a mess looking through a whole bundle of bulletins, trying to glean all the tips. See you in a while. FJP 12/5.

LOGGING WISCONSIN

This article is a summary of information from many different source's. Primarily DXN, DXM and the NRC log. I hope it will help you log the elusive state of Wisconsin, if nothing else, it will give you a place to start looking. Most schedules and formats have been checked for accuracy, but as we all know, anything can happen. (How's that for a disclaimer) All times est.

All comments and additional information are invited. A special thanks to Bob Lazar who did the bulk of the work.

- 550 WSAU WAUSAU 5000/5000 U4 24 HR3 SP:M-0200-0600 OLDIES  
..... directional to north ... doesn't seem to get out in other directions.
- 580 WKTY LA CROSSE 5000/5000 U4 0600-0300 MOR/NWS  
..... directional to northeast... gets out to the northeast and KY/TN on MW before S/off.
- 620 WTMJ MILW. 5000/5000 U2. NSP POP/TALK  
.....somewhat directional to north ... but does put a lot of power in all directions. Gets to northeast on MW ... has gotten to AZ and south-east Cal. with KTAR off. A good bet depending on local QRM.
- 790 WEAQ EAU CLAIRE 5000/5000 U2 24 HRS SP:TUES 0100-0600 T40  
.....directional to northeast ... makes it southwest to CO and as far as southern Cal.
- 910 WDOR STURGEON BAY 1000/D1 T40.....  
.....has made it to the east at SSS
- 920 WOKY MILW. 5000/1000 U4 SP:MM 0200-0600 T40  
.....directional north nights, day pattern puts most power east and west. Best bet is with day facilities ... has gotten east to NY & NJ at SSS ... frequently tests day facilities on MW and has been heard from Massachusetts to Washington state.
- 1070 WTSO MADISON 10,000/5000 U4 SP:MM 0100-0700 CWM  
.....directional nights to northwest ... gets out on MW's ... has been heard in CO. Has been heard in MA on a SM day facilities test.
- 1130 WISN MILW. 50,000/10,000 U4 NSP MOR  
..... highly directional to north, but has been known to get out somewhat in other directions... has been heard in NJ with WNEW on, dry pattern gets out on SSS & SRS.
- 1250 WEMP MILW. 5000/5000 U4 SP: MM 0200-0600 CWM  
..... mainly directional north but with a slight southern lobe pattern... has gotten to MS, TN, and WA on regular schedule ... has been heard from MA to KS on MW day pattern test ... has gotten to east coast on SSS. Daytime pattern is a lot like WOKY's. It puts a lot of power east and west.
- 1310 WIBA MADISON 5000/5000 U2 24 HRS, SP:MM 0106-0600 MOR/JAZZ WITH CLASSICAL MUSIC @100-0600  
.....directional to north nights with some power going SE and SW... has gotten to WA on AN classical show.
- 1330 WHBL SHEBOYGAN 5000/1000 U4 0625-0158 Jaily ELT...MOR W/TOP 40 NIGHTS EXCEPT SUNDAY  
.....gets out on MW's before s/off... has gotten to NEW ENGLAND and the southeast
- 1340 WBLB MILW. 1000/250 U1 NSP CWM/LOCAL SPORTS  
..... has gotten to OK, OH, and MI
- 1360 WGEE GREEN BAY 5000/5000 U2 25 HRS SP:MM 0106-0545 @MM  
.....directional to north with a smaller lobe to south ... gets out to northeast on AM show ... heard in WA at MW S/ON.
- 1410 WIZM LA CROSSE 5000/5000 U2 0600-0300 POL  
.....directional to north, west, and southwest ... NULL southeast toward wing ... should be a good bet throughout much of the west.
- 1440 WNFL GREEN BAY 5000/500 U4 24 HRS MAYBE NSP MOR  
.....directional north ... has gotten to AZ on MW
- 1480 WISM MADISON 5000/5000 U4 24 HRS NSP T 40  
.....directional to north but has gotten southeast to NC and west to CA and WA on MW
- 1490 WYTL OSHKOSH 1000/250 U1 24 HRS SP:MM 0200-0600 CWM  
..... has gotten to OH, PA, MI, and ByGosh, GEorgia
- 1580 WTTN WATERTOWN 1000/ A1 MOR  
.....has gotten to east coast on SSS ... recently to OH, NJ, and PA, and MA.
- 1540 WAWA MILW. 1000/ D-3 B:  
.....directional to east ... has gotten to New England at SSS.
- 1590 WIKK NEW RICHMOND 5000/ D1 MOR:  
.....has also gotten to New England at SSS



BOWLING GREEN, OHIO 43402





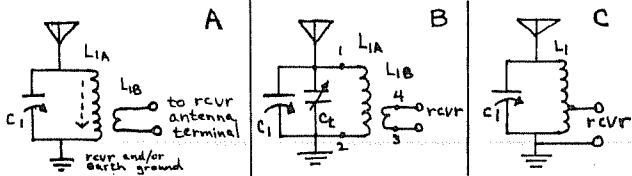
# the irca technical column

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

The coverage this column has given to audio filters is not quite finished. Mike Sapp has clipped a few audio filter ads from the November 78 issue of QST and sent them along...

- 1) The Autek QF-1 now sells for \$55 post paid in the US, but the ad doesn't mention the QF-2, so maybe that is no longer available.
- 2) MFJ Enterprises now offers the MFJ-721 which includes the SBF-2BX filter reviewed here as well as a sharp CW filter, noise limiter and a 2-watt audio amplifier. It sells for \$59.95.
- 3) Electronic Research Corporation of Virginia, 1280 Southfield Place, Virginia Beach, VA 23452 offers the SL-55 active audio filter. This is a variable bandpass filter, and has a 20 dB bandwidth which can be varied from 140 to 2100 Hz. It also has a 30 dB notch filter variable from 300 to 1400 Hz, can drive a small speaker, and is priced at \$69.50. I tried one of these at E.H. Grossman's place a short while ago and felt that it didn't offer too much to the BCB DX'er, although the notch filter is nice, with coarse and fine tuning. EHG said he'd not heard anything with it that he couldn't hear without.
- 4) AR Technical Products Corp., Box 62, Birmingham, MI 48010 offers the Datong FL-1 audio filter which goes for \$179.95. This is aimed at the radio amateur, and claims to automatically track interfering heterodynes and reject them. Since most hets on BCB are fairly steady, this is probably of little use to the BCB DX'er, but I'd appreciate hearing comments from anybody who has used this or other audio filters.

Brian P. Sherwood featured a "Simple Cheap and Effective Longwire Tuner" in a recent DX News, and kindly sent a covering copy for this column, so here goes: "This longwire tuner has the same effect as an air-core loop. It adds another stage of selectivity before the receiver and by "peaking" the tuner at the desired frequency, one can attenuate QRM from nearby stations, an obvious advantage over the untuned longwire. It can be built in less than an hour.



In circuit A, C<sub>1</sub> is a 365 pF variable capacitor, L<sub>1A</sub> is the main winding on the "loopstick" BCB coil which Radio Shack no longer carries. (A substitute is the JW Miller #6300 available for \$2.16 from Circuit Specialists Co., Box 3047, Scottsdale, AZ 85257.--ed.) L<sub>1B</sub> is a 5-turn outer winding on the coil. If C<sub>1</sub> has a trimmer capacitor (indicated by a small screwhead at the base of the stator, or at the bottom or back of subminiature jobs), then a flat ferrite bar antenna from an old radio can be used, as in circuit B. L<sub>1A</sub> is the long winding and L<sub>1B</sub> is the short winding. On some flat loopsticks (figure D) "2" and "3" are connected together; if so, make sure "2" and "3" are on the grounded side of the tuner and "1" and "4" are on the "hot" side of the circuit. Figure C above is the tuner circuit for a 3-wire loopstick.

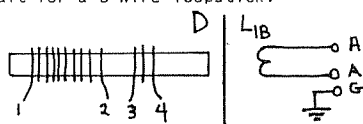
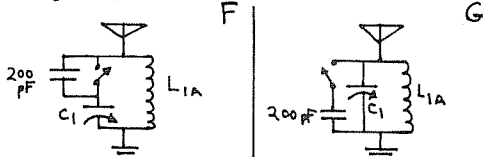
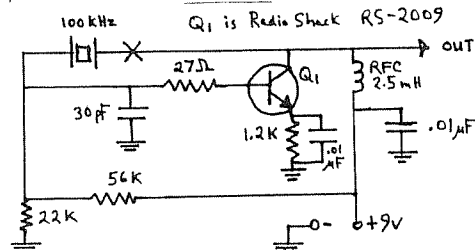


Figure E shows the connection of L<sub>1B</sub> (from either circuit A or B) to a receiver with two antenna and one ground terminals. To use the coupler, tune the receiver to 540 and with capacitor plates fully meshed, tune either the loopstick core or the trimmer, or both, for a peak on 540. The tuner should then tune the entire BCB, peaking on each frequency like a tuned loop. If the tuner doesn't reach 1600, a small (200 pF or less) capacitor may be switched in series with C<sub>1</sub> and shorted out when tuning the low end of the band (figure F). If you can't peak the low end of the band, switch the 200 pF capacitor in parallel with C<sub>1</sub> (figure G). With most receivers and longwires, these should not be necessary.



Brian also has a formula for setting up similar tuners for the shortwave bands. Write to him for further information on these, or on the above BCB tuners, at 221 Larch Ave. Elmhurst, IL 60126. Yours truly will present a selective long-wire tuner-amp in this column next month.

Brian also sent a circuit for a 100 kHz crystal calibrator. "X" marks the position for a trimmer capacitor of 100 pF. (I've found that a smaller one will do), for fine adjustment of the crystal frequency. The circuit should be connected to the receiver antenna terminal through a 100 pF or smaller capacitor.



A 2N2222 transistor can also be used here. This circuit is OK for markers on the BCB, but the harmonics of the calibrator are quite weak above 6 or 7 MHz. A buffer amplifier would help there; a buffer would also make the circuit more stable; frequency varies a bit due to hand capacity near the antenna terminals...The Radio Shack "P-Box" 100 kHz calibrator was a good deal (it cost less than most 100 kHz crystals), but is no longer available. I'll send the circuit of it to anyone interested--my address is at the top of the column.

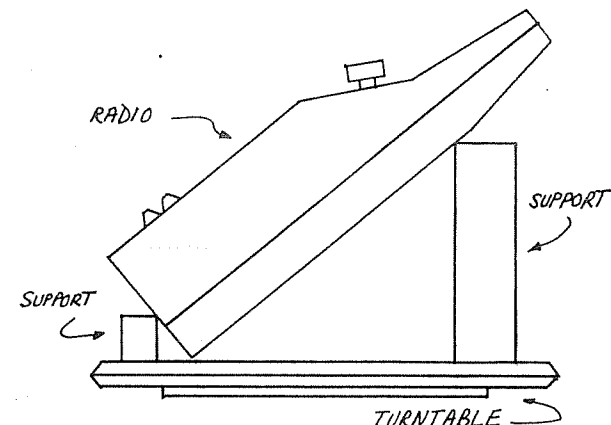
Radio West sells a 100 kHz calibrator for \$25, and a calibrator with markers every 10, 100 or 1000 kHz for \$35. Their address is 3417 Purer Road, Escondido, CA 92025. Palomar Engineers, Box 455, Escondido, CA 92025 (what is it about Escondido?), has a calibrator with markers every 100, 50, 25, 10 or 5 kHz for \$37.50.

On the lighter side, Gerry Thomas has contributed an article that covers a DX'ing aid from a somewhat unorthodox source--the Rubbermaid Company.

"Here is a line of items produced by the Rubbermaid (kitchen gadget) Co. that Charlie Barfield and I have found to be ideal in achieving a simple and inexpensive rotating system for directional antennas. These turntable/lazy susan devices come in three sizes (10 1/2", 15 3/4", and 19" x 21") and can, therefore, be used with anything from a Realistic TRF to a 4-foot air loop.

The smallest turntable (10 1/2" diameter; #2936) which costs about \$2.00 is perfect for rotating the TRF and can be purchased at most supermarkets, department stores, etc. There is, however, variability among turntables in the smoothness of rotation...in this part of the country the beige turntables are consistently better than the gold ones, so be choosy. If you desire, a little lubricant can be applied to the ball bearings (the retaining ring snaps off) to further smooth rotation.

To make the dial of the TRF a little easier to read when the radio is placed on the turntable, you might want to glue a couple of supports to the top of the turntable so that the radio reclines...see figure below. In addition, for an unknown reason, some TRF's will produce slightly deeper nulls when tilted (angles vary). The supports can be pieces of wood, plastic, or whatever...improvise.



Rubbermaid's medium turntable (15 3/4" diameter, #2300) runs about \$4.00 and is great for larger portable radios and the smaller desk top loops (e.g. the spirals)

For the large, floor model air loops, Rubbermaid's 19"x21" (a truncated circle) turntable (#2302; \$6.00; try larger department stores, e.g. Montgomery Ward) is probably the simplest way to achieve a smoothly rotating loop. Securing the shaft



of the loop in a Christmas tree stand and placing this on the large turntable results in rotation that is smoother and "lighter" than any wooden or pipe contraption that I've ever been able to build.

I'd like to finish off by wishing every IRCAn the best of the Christmas season, especially those kind transmogrifiers and DX'ers who have got this column off to such a good start. Brian Sherwood, Art Peterson, Gordon Cottrell, Mike Sapp, E.H. Grossman, Dave Bennett, Gerry Thomas, Charlie Barfield, Mike Hardester, Bruce Portzer, and Grant Manning, take a bow.  
73....Nick

#### NOVEMBER 1978 FREQUENCY SHIFTS SIMILAR TO 1941

By Cary Simpson

The recent change from 10 KHz to 9 KHz separation in virtually all parts of the world except the Western Hemisphere reminds old-timers of the day in 1941 when most dial positions in the United States, Canada and Mexico were changed.

Like the recent 9 KHz change on November 23rd, the 1941 change took place as of one specific hour, and although stations had tested in advance of that time, they had to remain on their old frequency till that magic hour.

NARBA signed to correct mess

The purpose of the 1941 change was to establish NARBA as the North American Broadcast Agreement was known. NARBA had been signed to try to bring order out of a mishmash of frequency-jumping that was almost ruining the secondary coverage of many stations.

Most of the changes involved stations simply moving up the dial one, two, three or four positions, so that a group of clear channels was created for Mexico, Canada, the United States and the Bahama Islands. However, a number of stations were switched to totally new places on the dial as old channels were abolished.

#### Nations Assigned 1A Clear Channels

Private Canadian stations were forced off the more favorable frequencies that remained as Canadian 1-A clear channels, and CBC stations took them. A scheme of sharing clear channels was worked out with the provision that directional antennas would keep the sky wave radiation below certain levels at the border of the nation that was dominant on that channel. This meant that order would be restored to the broadcast band. Up to that point, Mexican "border" stations had been showing up on clear channels with no control by the Mexican government.

And, let's face it, there were no frequencies that were reserved for Mexico, so they had an excuse for permitting the channel-jumping.

#### 540 Through 730 kc

Stations assigned in this group were not required to move, except the private Canadians such as CFRB, 690.

#### 740 through 970 kc

The first totally new "frequency" created in 1941 was 740 kc. WSB and others were moved up 1 channel and 740 became a Canadian 1A. 800 kc was created as a Mexican 1A and stations above 780 were moved up 2 channels. 900 kc was created as a Mexican 1A and stations on 880 and above moved up 3 channels. 1010 was a "drop-in" as a Canadian and Cuban 1A. Because each nation would protect the borders of the other, WINS was permitted on 1010 in New York City with a sharp directional antenna protecting both borders.

#### 980 through 1160 kc

KDKA (980), WBZ (990) WHO (1000) all moved up 4 channels. The old 1010 was "disbanded" and all stations had to move to other frequencies, including CHML, CKCD, CKCK, CKWX, KGGF and KQW (now KCBS) KYW and WDZ(1020) moved up 4 channels, the old 1030 was eliminated and CFCN, CJBR and CKLW went to other channels. 1040 stations moved to 1080. 1050 moved to 1070. 1060 through 1160 moved up 3 channels, but WAPI went from 1140 to 1070, WWVA went from 1160 to 1170.

#### 1220 is new Mexican 1A

A new Mexican channel, 1220, was created, and the changes to accommodate this involved adjacent channels. WCAU moved up 4 channels to 1210, WOAI moved up only one channel to 1200. Everyone on 1180 had to relocate to another channel. These included KEX, WDGY, WINS and WMAZ.

#### 1200 through 1450 kc

All of the Class IV and III stations above 1200 moved up 3 channels. The regular broadcast dial had ended at 1500 up to that time, but was to be extended to 1600. This required some more slight-of-hand. The old 1450 stations ended up at 1480. The 1460 through 1490 stations, all clear channels, moved up 4 channels. The old Class IV assignments at 1500 moved down one channel, to 1490 which was amazing, since it affected only one adjacent channel situation- in New York. Share-time stations WWRL and WCNW couldn't remain on the Class IV frequency since it would then be adjacent to WHOM which ended up on 1480. So, WWRL and WCNW were moved to 1600, clear up at the top of the dial, where few receivers could tune.

#### 1460 to 1600 kc

1540 was created as a Clear channel for the Bahama Islands, 1550 a Mexican 1A, 1560 as a Cuban 1A, 1570 a Mexican 1A and 1580 a Canadian 1A.

In the pre-1941 days, the stations above 1500 operated as "high-fidelity" outlets on an experimental basis and were on 1530 and 1550 only, so their broad response modulation wouldn't interfere with other stations. The 1530 stations were moved to 1590 and the 1550 stations (WQXR and KPMC) moved to 1560, protecting Cuban shores.

This is a summary of the mechanics by which the various nations were given clear channels and the practice of channel-jumping was ended.

It has some similarity to the change in Europe and "down under" that took place November 23rd of this year.

## DX CONTESTS

CONTESTS: Richard C. Evans  
P. O. Box 1294  
North Wales, Penn. 19454

Contest standings, as of Dec. 3, 1978

Domestic Heard	Points	Stns	S&P	Mystery
1. P. Mount	316	73	37	-
2. B. Nittler	305	75	35	1
3. R. Morby	301	60	33	1
4. P. Nolan	256	67	30	-
5. L. Morby	220	51	31	-
6. B. Portzer	191	56	32	-
7. F. Colella	150	34	19	-
8. I. Meyers	140	48	28	1
9. N. Wolfish	124	27	15	1
10. W. Hardy	117	24	13	-
11. D. Fontanez	95	21	14	-
12. J. Clemmer	69	18	12	-
13. N. Hardy	40	6	3	-
14. M. Hogan	36	7	5	-
15. R. Eddie	5	1	1	-

No Entries: S. Anderson, B. Harms, J. Ryan

Domestic Verified	Points	Stns	S&P	Mystery
1. N. Wolfish	45	12	8	-
2. F. Colella	6	1	1	-
3. R. Eddie	5	1	1	-

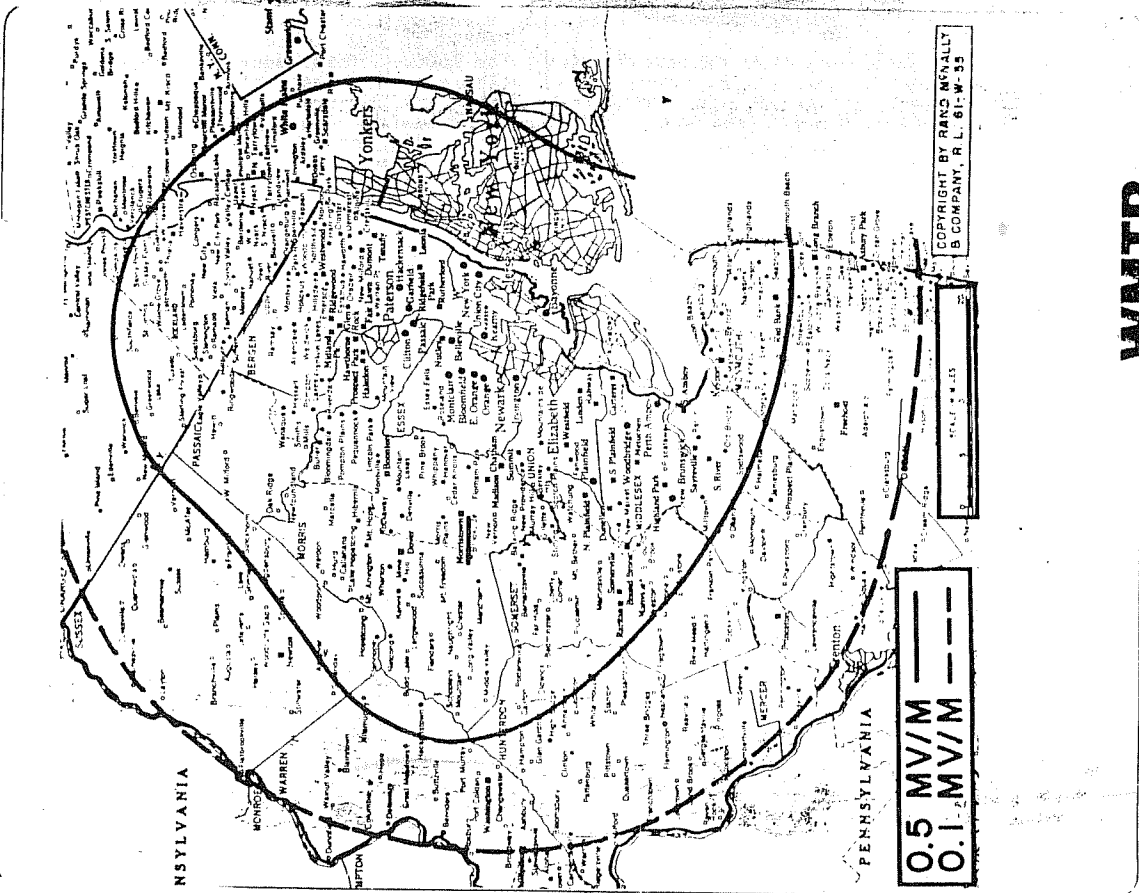
No Entries: J. Clemmer, D. Fontanez, M. Hogan  
J. Ryan

Foreign Heard	Points	Cont.	Countries
1. N. Hall-Patch	580	4	20
2. B. Portzer	372	5	30
3. B. Nittler	196	2	10
4. R. Morby	162	3	11
5. L. Morby	138	2	7
6. W. Hardy	101	2	2
7. R. Eddie	27	1	1
8. N. Hardy	25	1	1

No Entries: M. Hogan,

Foreign Verified  
No Entries: R. Eddie, M. Hogan, P. Mount

My apologies for not having a set of standings printed in November. Between moving and some big rush accounts to be audited at work, time got away from me. Next set should be typed 1/1/79. 73.



**WMTR**

RADIO 1250 MORRISTOWN, N. J.

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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.

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**First Class**

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