



DX MONITOR

PUBLISHED BY
THE INTERNATIONAL RADIO CLUB OF AMERICA

VOLUME 16

NO. 29

WHOLE NO. 514

APRIL 21, 1979

DX CALENDAR DX CALENDAR DX CALENDAR

MM Apr 30 KHYT-1330 Tucson, AZ 500w D-ND 0300-0330 EDT.
Test is tentative for this date. Will use tone
& frequent IDs. Reports to: Barry Mishkind, CK,
KHYT, 2307 E. Broadway, Tucson, AZ 85719.
Arranged by: Stephen Francis, NRC.

A MESSAGE FROM YOUR NEXT PUBLISHING COMMITTEE
(as told by Bruce Portzer)

Some time this summer, IRCA will move its publishing activities from San Francisco to Seattle. I will be the new editor of *DX Monitor*, Phil Bytheway will be the publisher, and a couple other Seattle area members will help. We're looking forward to putting out a first-rate DX bulletin next season and want your comments on the following subjects.

SHOULD WE GO TO A BOOKLET FORMAT?

DX Monitor had traditionally been printed in a loose leaf format because it's been less expensive than the booklet format used by NRC, WTPDA, and several shortwave clubs. Past publishing committees have been able to collate, fold, and staple *DX Monitor* each week. With booklet format, the printer would have done this work. We won't be able to collate, fold, and staple *DX Monitor* due to a lack of personnel. Our printer will do the work for us. But since printing costs are lower in Seattle than in San Francisco, we'll be able to have him do it without raising your dues.

As a result, there will be almost no difference in cost between booklet format and looseleaf format. We must decide whether to stay with our present format or change to a booklet format. A booklet format would be easier for us to put together. The pages would be the same size as the *Almanac* and the *Foreign Log*, so we would have more flexibility in deciding whether to put an article or list in *DXM* or one of our other two publications. Many members feel that a booklet format is more esthetic and would attract more members. If so, it would lower our costs per member. There are possibly other advantages to a booklet format and perhaps some disadvantages. At the moment, the advantages of booklet format seem to outweigh the disadvantages.

This is too important a decision for one or two people to make. I would like to know how the rest of you feel about it. Since a booklet format might attract new members, I am also interested in the opinions of non-IRCA's. As a starting point, I propose we try booklet format this coming season and then have the membership vote on whether to continue with booklet format or return to our present format.

CONTENT AND APPEARANCE OF DX MONITOR

We've had some problems with the appearance of *DX Monitor* this season. This has been due to a horribly overworked publishing committee (like two people doing the work of six) and problems their printer has had with his employees and/or equipment. Both problems will "go away" next season -- the appearance of *DXM* should improve considerably. I have several ideas on how to make *DX Monitor* better next season and I'd like to supplement these ideas with some of yours. What have you liked about *DX Monitor* this season? What have you disliked? I want to hear from as many members as possible.

FOREIGN LOG TYPISTS

Phil and I won't have time to type the *Foreign Log* this year. We need some people with good quality typewriters to help type this valuable DX reference.

As if it wasn't already obvious, I won't run for reelection as president. I'll have enough to do putting out *DX Monitor*. I will run for a spot on the Board of Directors, though. Other well-qualified presidential candidates have been nominated and I'm sure at least one of them will be able to serve as president for the next two years.

I'm looking forward to putting out a high quality DX bulletin next season --- one filled to the gulleys with valuable DX information. In the meantime, I want to hear your opinions on the above subjects. 73 and good DX.
Bruce Portzer - 6546 19th Avenue Northeast - Seattle, WA 98115

*** NEW MEMBERS ***

Bill Dulmage, P.O. Box 1221, 825 Boundary St., Prescott, Ontario, CANADA K0E 1T0
W. George Elliott, 544 Christleton Ave., Kelowna, B.C., CANADA V1Y 5J2
Timothy Noonan, 7574 West Thurston Circle, Milwaukee, Wisc. 53218
Jim Byrnes, 536 W. Ridge Rd., Rochester, NY 14615
Gordon P. Nelson, 48 Hardy Ave., Watertown, Mass. 02172 (rejoins)
Robert Cipriotti, 5446 Vanalden Avenue, Tarzana, Calif. 91356
Ronald Bower, P.O. Box 926, San Juan, TX 78589
Edmund O'Leary, P.O. Box 277, Loleta, Calif 95551

ADDRESS CHANGES

Bill Harms, N2213 Vista, Spokane, Wash. 99206
Mark Strickert, 5900 N. Washtenaw, Chicago, IL 60659

RENEWALS AS OF 16 April 1979

Arthur S. Amarin, Jerry Robertson, Robert C. Jones, Madalyn Boley, Andrew Mahoney, Charles Molloy, Mike Worst, John C. MacDonald, Richard T. Eddie, Robert A. ...

REMINDER: Those of you who joined IRCA for the first time in the past year are reminded that your first year membership included a New Members Package and 31 issues of *DX MONITOR* for those joining at the old \$12.00 rate (\$0.35/ issue, NMP=3 issues or \$1) or NMP and 32 issues at the \$16.50 rate (\$0.50/ issue, NMP=2 issues or \$1). Arthur Amarin and Michael Jezior-ski, I hope that this answers part of your question. I will hopefully have sent you a letter by the time that you read this.

DX GET-TO-GETHER: May 13, 1979, 12 noon to whenever we want dinner. Beer and pop will be provided. The PLACE: Bill Block's, 9307 SE Clay St, Portland, OR. Call Bill at (503) 256-2354 for more information or to let him know that you are coming.

That's all for now. see you in two weeks.

IRCA Convention News:

Host John Glenmer will have the registration form ready for the next issue. In the mean time the basics are: Dates: August 24-25-26 at The Peoria Hilton Hotel, 501 Main Street, Peoria, IL. Registration fee is \$15 (advance registration) or \$17 at the door. Room rates are \$24 Single; \$30 double; \$37 triple. Several tours are also planned.

This issue saw the further reduction of the number of stations unreported in DXR or DXWW columns since August 1974. Bob LaFore logged WEGC-FL, WMMB-FL, WCWR-FL, WFTL-FL, WSTU-FL, WTAL-FL, WVID-GA & WOKC-FL...Steve Grubb heard WJER-OH & WTIP-WV..Bryan Lee reported CJAN-QU..Dave Wurl caught WTTL-KY & Neil Zank snagged KTCH-NE..Drops the total unreported to 765.

ADVISOR

EDITOR: ALBERT S. LOBEL
POST OFFICE BOX 26762
SAN DIEGO CA USA 92126

CALL TO 2130
PLT; 0600 on MTELE-AD: (714) 566-0092

NEXT DEADLINE: 25 APR 79

PLEASE NOTE

A few words before I do the ads for this months column. First of all, when you list calling times w/ your phone number use 24-hour time and state what time zone you are in. Also, please put your name and your address on the page w/ your ad. I separate the ads from the envelopes before typing and have to guess what ad goes with what envelope later if you don't put your name and address on the envelope. Thankx very much for your help and understanding! *Albert*

PRICES SLASHED

NRC Domestic Log, 4th Edition (1976-77). Good condition; some marks in book; all completely intact. Will sell for \$2.00 all shipping costs included.
ALBERT S. LOBEL, POST OFFICE BOX 26762, SAN DIEGO CA 92126

Wanted

Wanted used Radio West Ferrite Loop and Sanserino Loop.
ROBERT C. JONES, 8829-240th STREET S.W., EDMONDS WA 98020;
PHONE: (206) 778-5184.
(Robert: If you don't find a used Sanserino Loop by the end of June contact me. I may have one for sale just slightly less than Radio West Charges. Albert)

TRADE

Send me your local AM/FM airchecks w/ jingles on reel to reel tapes (7 1/2 i.p.s.) or cassette tapes. And, I'll send you my locals (NY, LI, & CT) on reel or cassette (your choice).
STEPHEN EHRBAR, 187 BROWNS ROAD, NESCONSET NY 11767;
PHONE: (516) 265-4126; 1900-2100 EST.

SALE!

1965 Columbia School of Broadcasting announcing course. 6 books, 6 LP records plus complete 3rd class ticket study guide. Some wear. Slightly (!) dated, but much background info. on radio. \$35.00 or "firm" offer.
DAVID JACKSON, POST OFFICE BOX 143, ALVARADO CA 94587.

HQ-180, excellent mechanical and electrical condition, very clean; must sell -- \$300 or best offer, plus shipping.

PLUS:
DX-160, like new, hardly used. \$100 or best offer plus shipping.
DAN GRADIN, 27540 S.E. CHASE ROAD, GRESHAM OR 97030.

SUPERSCOPE CR-800 AM/FM/Cassette Portable -- built-in condenser mic, PA/Play mix feature, AC/battery operation. In good order with original carton. \$40.00 ppd UPS. Send money order.
NEIL G. ZANK, POST OFFICE BOX 5563, LINCOLN NE 68505;
PHONE: (402) 489-0272.

For sale National Panasonic 6-band receiver. Model #: RF-1180B. You will never find this model anywhere in the U.S. because I brought this receiver from Japan. It has these features: Gyro antenna for excellent AM reception; indicator; volume/bass control; indicator switch; DX-Local switch; telescopic antenna for SW/FM; earphone jack; stereo in/rec. out jack; external antenna terminal and AC jack. Receives: FM 76-108 MHz; AM 525-1605 kHz; SW 1.6-3.6 MHz; SW 3.6-7.5 MHz; SW 7.5-15 MHz; SW 15-30 MHz. Power output 3.3 watts; speaker 12 centimeters. Two years old. Has little scratch/beat up outside, but no trouble inside. In excellent condition. Price was \$179.95 retail . . . will sell for \$95.00 ppd. Send check to:
NAOKI KANAYA, 1017 KNICKERBOCKER DRIVE, SUNNYVALE CA 94087.

FREE

Free! for the cost of one C-90 cassette plus 28¢ in U.S. mint stamps -- a copy of a program about radio that was aired over TV channel 28 (KCET in Los Angeles CA). This has some history of radio, i.e., the story of the first radio station in the U.S. -- KDKA, and lots of other interesting items including some old time radio programs. Has lots of info. of great interest to the serious DX'er. Please, when sending your tape let me know if you want it recorded with or without dolby. My cassette recorder can handle Ferrichrome or Chromium Dioxide tapes (but I wouldn't recommend spending the money on this tape as the quality is not that great to begin with. Send your C-90 cassette plus 28¢ in stamps to:
ALBERT S. LOBEL, POST OFFICE BOX 26762, SAN DIEGO CA 92126.



Not actually sold; but, traded! Tapes of stations per previous ad. Thanks to those who replied to my last ad in the Advisor. All tapes were appreciated.
DOUGLAS MISKE, 128 MOSSGROVE TRAIL, TORONTO ON M2L 2W5.

A-N-O-T-H-E-R B-R-I-E-F C-L-O-S-I-N-G C-O-M-M-E-N-T-;

If you have any information for the Mexican Station List I have been talking about in previous ads in the Advisor send them at once to either me or David Jackson (address elsewhere in the Advisor). David has volunteered to help publish the book; and it will be FREE to all DX Club Members. If it's completed on time it may even appear as a supplement to the IRCA Almanac and/or IRCA Foreign Log, Vol. 8. You can reach me by phone most any evening after 2030 or Monday Mornings to 0600. If my answering machine answers leave all your information on the machine; it will not cut you off as long as you don't stop talking for more than 5 seconds at a time.

The Inside Story

| | |
|-----------|-----------------|
| EDXR----- | 404-405-406-407 |
| CDXR----- | 407-408 |
| WDXR----- | 408-409 |
| EDXF----- | 410-411 |
| WDXF----- | 411-412 |
| DXWW----- | 413-414-415 |

| | |
|--|-------------|
| Advisor----- | 402 |
| Graveyard Records----- | 403 |
| IRCA Sports Network Updater----- | 417 |
| IRCA Technical Column----- | 418-419 |
| Special Feature Column----- | 415-416 |
| Special Feature from Sweden----- | 421-422-423 |
| United Kingdom Wavelength Changes----- | 419-420 |
| Verification signers----- | 424 |

WANTED:
R-4B, R-4C, SPR-4, HQ-180, RF-2800 or 2900, FRG-7 or 7000.
Also: MS-4 speaker, 5NB noise blanker, AL-4 loop antenna all for SPR-4, Autek QF-1 filter, KS preselector, MFJ or SST antenna tuner, Radio West MW loop antenna. State price & condition and age.
...Jim Uerlings, 3908 Kelley Dr., Klamath Falls, OR 97601, or phone (503) 884-7659 after 0200 GMT (not collect please).

HQ NOTES:
LAST CALL: The "IRCA Almanac" will be going to press the first week in May, so anyone who wishes to contribute last minute info, please send by 5/1/79 to: Bill Hardy, 2301 Pacific Ave., Aberdeen, WA 98520. Bill expects the Almanac to be off the presses in June or so. Details on how to order will appear in one of the May issues of DXM.... In the mail--(1) a brochure on a new book "The World in My Ears" by Arthur T. Cushen. Subject SW & MW DX. Price \$13.95US. Write HQ for address & further info....(2) brochures from THE BASE STATION, 2101 Pacheco St., Concord CA 94520 (415) 685-7388, highlighting McKay-Dymek equipment and the FRG-7 + catalog listings. Further info can be obtained from above address or HQ. Further info on the ANARC Convention June 22-23-24 at the Radisson Downtown Hotel in Minneapolis which will be covered in the next issue. A copy of COLORADO ASSN OF DXERS, COADJ Newsletter from Rob Harrington. Interested Coloradans may write Rob at 3181 South York St., Englewood, CO 80110.all for now. dkk.

GRAVEYARD RECORDS; Continental QTH..1400

Niel Wolfish/15 Donwoods Grove/Toronto ON M4N 2X4

| Call Location | Miles | DXer & his location |
|-------------------------------|-------|---------------------------|
| WMSL Decatur AL | 1963 | Allen-Vallejo CA |
| WXAL Demopolis AL | 1957 | Allen-Vallejo CA |
| WFPA Ft. Wayne AL | 790 | Edmunds-Parsipanny NY |
| WJLD Fairfield AL | 663 | Breger-Austin TX |
| WJHO Opelika AL | 2095 | Allen-Vallejo CA |
| KSEW Sitka AK | 1428 | Allen-Vallejo CA |
| KXIV*Phoenix AZ | 865 | Breger-Austin TX |
| KTUC*Tucson AZ | 1115 | Kaskey-Galva IA |
| KVOY Yuma AZ | 568 | Allen-Vallejo CA |
| RELD El Dorado AR | 912 | Wheeler-Erie PA |
| NCLA Pine Bluff AR | 619 | Kaskey-Galva IA |
| KRE Berkeley CA | 1441 | Kaskey-Galva IA |
| KRFQ*Indio CA | 1353 | Kaskey-Galva IA |
| KQMS*Redding CA | 1400 | Belanger-Winnipeg MB |
| KSLY*S. Luis Obispo | 896 | bp..pb-Seattle WA |
| KQIQ*Santa Paula CA | 906 | Bythway-Seattle WA |
| KTRT Truckee CA | 575 | bp..pb-Seattle WA |
| KUKI Ukiah CA | 587 | bp..pb + Christiansen..WA |
| KONG Visalia CA | 1295 | Kaskey-Omaha NE |
| KRLN Canon City CO | 920 | Allen-Vallejo CA |
| KDTA Delta CO | 667 | Dabelstein-Omaha NE |
| KFIM Ft. Morgan CO | 1005 | Thatcher-Redwood City CA |
| KBZJ La Junta CO | 1012 | Allen-Vallejo CA |
| WSTC Stamford CT | 74 | Breger-Long IS. NY |
| WFTL Ft. Lauderdale | 1050 | McCormack-W Lafayette IN |
| WIRA Ft. Pierce FL | 1361 | Kaskey-Galva IA |
| WNUE Ft. Walton Beach | 813 | Bright-Muscatine IA |
| WTRR Sanford FL | 2422 | Allen-Vallejo CA |
| WSSC Elberton GA | 2194 | Allen-Vallejo CA |
| WNEX Macon GA | 938 | Kaskey-Galva IA |
| WSTA Savannah GA | 658 | McCormack-W Lafayette IN |
| KART Jerome ID | 535 | Kamp-San Jose CA |
| KRPL*Moscow ID | 1095 | Kaskey-Galva IA |
| KIBO St Anthony ID | 693 | Allen-Vallejo CA |
| KSPT Sandpoint ID | 759 | Allen-Vallejo CA |
| WVNS*Champaign IL | 1083 | Allen-Vallejo CA |
| WGIL*Galesburg IL | 1702 | Allen-Vallejo CA |
| WROZ Evansville IN | 504 | Dabelstein-Omaha NE |
| WEAT Marion IN | 1869 | Portzer-Seattle WA |
| KCOO Centerville IA | 836 | Kemper-Grand Junction CO |
| KVFD Ft Dodge IA | 707 | Wheeler-Erie PA |
| KVOE Emporia KS | 1410 | Allen-Vallejo CA |
| KAYS Hays KS | 1232 | Allen-Vallejo CA |
| KOYN Cynthiana KY | 292 | Zondlo-Hammond IN |
| WIEL Elizabethtown | 611 | Kaskey-Galva IA |
| WFRR Hammond LA | 30 | Landry-Baton Rouge LA |
| KACK Lake Charles | 1734 | Allen-Vallejo CA |
| WRDO Augusta ME | 1332 | Dabelstein-Omaha NE |
| WWIN Baltimore MD | 544 | McCormack-W Lafayette IN |
| WALE Fall River MA | 831 | Evans-Gary IN |
| WLLH Lowell MA | 260 | Edmunds-Parsipanny NY |
| WRNP Northhampton MA | 69 | Morby-Ballston Lake NY |
| WRNR Battle Creek MI | 305 | Bright-Muscatine IA |
| WDLB Detroit MI | 2067 | Allen-Vallejo CA |
| WTCN Munsing MI | 331 | Hogan-E Chicago IN |
| WGAN Saginaw MI | 766 | Markewicz-Winnipeg MB |
| WJSM St Joseph MI | 236 | Bright-Muscatine IA |
| WTCM Traverse City | 511 | Kaskey-Galva IA |
| WBYL Long Prairie MN | 357 | Bright-Muscatine IA |
| WMLL Marshall MN | 581 | Belanger-Swan River MB |
| KFEY St Paul MN | 621 | Belanger-Swan River MB |
| WHLB Virginia MN | 712 | Wheeler-Erie PA |
| WBIP Booneville MS | 1876 | Allen-Vallejo CA |
| WNEC Columbus MS | 565 | Hogan-E Chicago IN |
| WNAG Grenada MS | 768 | Wheeler-Erie PA |
| WFOR Hattiesburg MS | 892 | Wheeler-Erie PA |
| WQMS Jackson MS | 776 | Kaskey-Galva IA |
| WFRU Columbia MO | 1604 | Allen-Vallejo CA |
| WICF Festus MO | 224 | Bright-Muscatine IA |
| WJSM*Stikeston MO | 647 | Breger-Austin TX |
| WTTZ Springfield MO | 900 | Markewicz-Winnipeg MB |
| WDRG Deer Lodge MT | 649 | Belanger-Swan River MB |
| WJCN Glendive MT | 1082 | Allen-Vallejo CA |
| WARR*Great Falls MT | 876 | Allen-Vallejo CA |
| WBRP Ainsworth NE | 827 | McCormack-W Lafayette IN |
| KCOW Alliance NE | 1048 | Allen-Vallejo CA |
| WLIN Lincoln NE | 1351 | Portzer-Seattle WA |
| WEMI*Henderson NV | 1092 | Ford-Vancouver BC |
| WENK Winnemucca NV | 305 | Allen-Vallejo CA |
| WBRL Berlin NH | 170 | Morby-Ballston Lake NY |
| WTSJ Hanover NH | 270 | Edmunds-Parsipanny NY |
| WOND Pleasantville | 1107 | Kaskey-Galva IA |
| WTRD Santa Fe NM | 1466 | Wheeler-Erie PA |
| WCHS Truth or Consequences NM | 1460 | Wheeler-Erie PA |

| | | |
|----------------------|------|---------------------------|
| KTNM*Tucumcari NM | 1176 | Belanger-Swan River MB |
| WABY Albany NY | 429 | Heimbürger-Pt Huron MI |
| WYSL Buffalo NY | 449 | Kramer-Chicago IL |
| WSLB Ogdensburg NY | 290 | Wheeler-Erie PA |
| WBMA Beaufort NC | 80 | Allinson-Wilmington NC |
| WCRG Greensboro NC | 440 | N. Hardy-Fredonia NY |
| WLSE Wallace NC | 180 | Singer-Richmond VA |
| WHCC Waynesville NC | 2165 | Allen-Vallejo CA |
| WSMY Weldon NC | 463 | Breger-Long Is NY |
| KEYJ Jamestown ND | 414 | Dabelstein-Omaha NE |
| WMAN Mansfield OH | 677 | Kaskey-Galva IA |
| WPAY Portsmouth OH | 703 | Kaskey-Galva IA |
| KWON Bartlesville OK | 702 | Kemper-Grand Junction CO |
| KTMC McAlester OK | 1482 | Allen-Vallejo CA |
| KNOR Norman OK | 530 | Kaskey-Galva IA |
| KNDY Cottage Grove | 394 | Allen-Vallejo CA |
| KJDY John Day OR | 282 | Portzer-Seattle WA |
| WEST Easton PA | 67 | Mount-Teaneck NJ |
| WJET Erie PA | 594 | Eddie-St Louis MO |
| WFEC Harrisburg PA | 552 | Evans-E Chicago IN |
| WWSF Loretto PA | 449 | Evans-Valparaiso IN |
| WKBI St Mary's PA | 2302 | Allen-Vallejo CA |
| WCKK Scranton PA | 605 | Evans-E Chicago IN |
| WRKA Williamsport PA | 521 | Evans-Valparaiso IN |
| WCOS Columbia SC | 2300 | Allen-Vallejo CA |
| WGTN Georgetown SC | 1088 | Kaskey-Galva IA |
| KEJM Lemmon SD | 391 | Markewicz-Camp Morton MB |
| WJZM Clarksville TN | 607 | Kaskey-Galva IA |
| WHUB Cookeville TN | 700 | Kaskey-Galva IA |
| WLSB Copper Hill TN | 394 | McCormack-W Lafayette IN |
| WKPT Kingsport TN | 2163 | Allen-Vallejo CA |
| WCAP Maryville TN | 2107 | Allen-Vallejo CA |
| WHAL Shelbyville TN | 696 | Kaskey-Galva IA |
| KRUN*Ballinger TX | 1310 | Allen-Vallejo CA |
| REYG Big Spring TX | 260 | Hauser-Van Ormy TX |
| LUNO*Corpus Christi | 2100 | Bythway-Seattle WA |
| KILE Galveston TX | 195 | Moss-Austin TX |
| KGVL*Greenville TX | 1501 | Allen-Vallejo CA |
| KIUN*Pecos TX | 1510 | bp..pb-Seattle WA |
| KEYE*Perryton TX | 1176 | Allen-Vallejo CA |
| KVOF*Plainview TX | 1434 | Portzer-Seattle WA |
| KDWT Stamford TX | 1489 | Portzer-Seattle WA |
| KTEM Temple TX | 842 | Kemper-Grand Junction CO |
| KTFZ Texarkana TX | 953 | Wheeler-Erie PA |
| KVOU*Uvalde TX | 833 | Eddie-St. Louis MO |
| KIXX Provo UT | 999 | Markewicz-Camp Morton MB |
| WDOT Burlington VT | 296 | Edmunds-Red Bank NJ |
| WHLF South Boston VA | 400 | Wheeler-Erie PA |
| WINC Winchester VA | 257 | Wheeler-Erie PA |
| KEDO*Longview WA | 550 | Kaskey-Sacramento CA |
| KRSC Othello WA | 1917 | Wheeler-Erie PA |
| KTNT*Tacoma WA | 607 | Kaskey-Sacramento CA |
| WRON Ronceverte WV | 2254 | Allen-Vallejo CA |
| WVRC Spencer WV | 70 | Mount-Nelsonville OH |
| WVWK Wheeling WV | 2206 | Allen-Vallejo CA |
| WBTH Williamson WV | 776 | Kaskey-Galva IA |
| WATW Ashland WI | 1089 | Allen-Vallejo CA |
| WBIZ Eau Claire WI | 600 | Wheeler-Erie PA |
| WDOZ Green Bay WI | 929 | Sorenson-God's Narrows MB |
| WRJN Racine WI | 695 | Markewicz-Camp Morton MB |
| WRDE Reedsburg WI | 265 | McCormack-W Lafayette IN |
| WRIG Wausau WI | 345 | McCormack-W Lafayette IN |
| KATI*Casper WY | 907 | Allen-Vallejo CA |
| KODI Cody WY | 811 | Markewicz-Camp Morton MB |

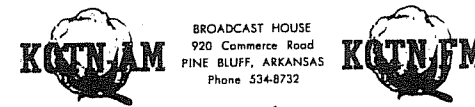
| | | |
|----------------------|-----|--------------------|
| CFLD Burns Lake BC | 520 | pb..bp Seattle WA |
| CKGR Golden BC | 354 | pb..bp Seattle WA |
| CINL Princeton BC | 166 | pb..bp Seattle WA |
| CKCB Collingwood ON | 68 | Wolfish-Toronto ON |
| QJFP Riviere Du Loup | 531 | Wolfish-Toronto ON |

International QTH: Wood 23 stations, Kailua HI (*)
Banks 2 Stations, NZ (*)
Abbreviations: pb..bp = Bythway/Portzer of Seattle.
S = San, Ft = Fort, W = West, E = East.

Once again hats off to Gene Allen, Frank Wheeler, Don Kaskey and everyone else. As last time, I will be happy to accept your Canadian QY records (as long as they don't beat mine, hi) and I might have a final separate roundup of all 6 frequencies after I do 1490. 73's until 1450.... *Niel Wolfish*

1490... W J BUDDY DEANE, PRESIDENT 92.3...
In the Land of Stereo Radio

BROADCAST HOUSE
920 Commerce Road
PINE BLUFF, ARKANSAS
Phone 534-8732



April 21, 1979...Page 403

**eastern dx
roundup**

Bob Curtis
17 Cobbleview Dr.
Colchester, VT 05446

- 540 WGTO FL, Cypress Gardens (info)
WGTO is now on the air 24 hrs, 6 days a week, with 1kw. nights (from 50 kw. days), directional antenna to the south; but can be heard with fair signal at times, fading in & out w/WDAK, Georgia. Format is c/w, & anncr on duty after midnight is a "Rick Roberts". According to another anncr whom I talked with on phone, Bob Fuller (who was from Albermarle, NC), WGTO will s/off MM's, between midnight & 0530. Called stn, and they were very glad to hear from any distant listener. It even netted me a free WGTO T-shirt. (BC-NC)
- 550 WKRC OH, Cincinnati 4/1 1716 Good signal w/oldies mx & a "55-KRC" ID. (SG-WV)
- 560 WGAN ME, Portland 3/24 0041-0043 Fair to poor w/ID by YL at 0043. (MPS-NH)
- WJLS WV, Beckley 4/1 1714 Rlgs program, clear, but w/WCHS slop. Usually has c/w mx. From QSL from WJLS they're now 500 watts w/2 tower array! (SG-WV)
- 570 *WGMS* MD, Bethesda 3/19 0250 On with test ID's. Always says "Good Morning, DX-ers, this is WGMS, Bethesda, Maryland conducting equipment tests." CE must be a DX'er, hi! But who? (BC-NC)
- 600 WVAR WV, Richwood 4/1 1710 Wx (58°), c/w mx. Weak sig but very clear when amplified. Partially u/WCHS slop. (SG-WV)
- 610 WIP PA, Philadelphia 3/26 0100 Good sig. Listened to remainder of CBS "Radio Mystery Theatre" into AP Radio News at 0100. (SDM-MA)
- WTVN OH, Columbus 4/1 1656 PSA for their 3-year license. T-40 mx, ment nx in 4 mins. Good signal. (SG-WV)
- 620 WLBZ ME, Bangor 3/26 0105 Good but varying o/New England area local "63-P-R-O". Mx by Seals & Crofts. (SDM-MA)
- + 3/26 0123 T-40 mx, "Z-62" ID's over WVNJ (TTing?) and UNID. (Thot they, WLBZ, were supposed to go off at 0100?). (BL-CT)
(ed: I've heard them after 0100. (You two were DX'ing the same stn about the same time)
- WRJZ TN, Knoxville 3/17 0535 T-40 mx, IDs, promo, caller from Marysville w/thick southern drawl. & 3/26 0130 ID, T-40 mx, fair signal o/WLBZ. (SG-TN)'s local. (BL-CT)
- + 3/31 1929 T-40 mx on the John (Wee-wee) Buoy Show. QRM from WWR. Some QSB. (SG-WV)
- WWR WV, Beckley 3/31 1926 T-40 mx. "62-NR" ID's o/u/WRJZ. (SG-WV)
- *????* UNID, 3/26 0123 Someone here on MM, 3/26 at 0123 in pauses of WVNJ tones and WLBZ fade-outs. Heard some weak tones. Anyone know who? (BL-CT)
- 680 WCAW WV, Charleston 3/31 1936 Good sig. c/w mx, lotsa ID's. (SG-WV)
- WRNG GA, North Atlanta 3/28 1840 Talk show. Fair sig w/pesty WPTF. Spot for a restaurant on I-75. (SG-TN)
- 690 KGGF KS, Coffeyville 3/27 2304 In with "Radio 69" ID, T-40 mx, nx, wx (45°) State # 31. Ment 'Night Beat' show on till 2355. Ment Kansas Radio Network, spot for KGGF nx (851-3800) (SG-TN)
- 710 t WGBS FL, Miami 3/28 1957 Poor sig u/WOR. ID'd by process of elimination: not WHB (wrong direction), not KEEL (still another wrong direction); so the onlt T-40 stn to south was WGBS. (SG-TN)
- t WQBX VA, Blacksburg 4/1 1650 Nx, sounded like a regional network nx. Poor signal. T-40. (SG-WV)
- 800 CKLW OH, Windsor 3/31 1947 T-40 mx, fair sig, about even w/PJE in dominance. (SG-WV)
- WKEE WY, Huntington 4/1 1636 T-40 mx and spot for a Billy Joel concert. Good to fair sig w/"Key Radio" ID's. (SG-WV)
- 830 WCCO MN, Minneapolis 3/26 0130 Xlnt! Hrd w/spot for the Ford Motor Co. 0130, also wx report for the Capital City. (SDM-MA)
- 850 KOA CO, Colorado 3/20 0209 Not new, but relog for 2nd try at a QSL for confirmed state # 39. Wx, horse race results, ads & mx. (RR-ON)
- 860 WFMO NC, Fairmont 3/28 1823 Jx ID, then T-40 mx before QSB'd out. Fair under CJBC. (WPT-DC)
- WOAY WV, Oak Hill 4/1 1720 c/w. good sig, ment wx for southern WV (65°). (SG-WV)
- 870 WWL LA, New Orleans 3/31 1953 Spot for Sky Watch w/late '60s mx! Very clear sig, no sign of other northern clears, probable auroral CX exist (WLS was gone!). (SG-WV)
(ed: yes, on the aurora.)
- 880 WRFD OH, Worthington 4/1 1723 w/jazz mx, Fair to good u/QRN. TC then CBS sx. (SG-WV)
- 910 WBRJ OH, Marietta 4/1 1730 Good sig w-/Margo Smith singing live (she's a guest) at their studios. They were playing T-40 between conversations and she was singing c&w! (SG-WV)
- WJCW TN, Johnson City 3/31 1957 c/w w-/MGR, "WJCW, the Entertainer" ID, then into the CBS Nx. Good signal. (That's close to home, 32 milies). (SG-WV)
- 930a "VOA" DC, Washington (?) 4/4 0855-0901 SS pgm, very clear, then an SS ID, "La Voz de America", then an EE ID, "This is the Voice of America in Washington, DC, signing off. No SSB. S/off at 0901. (SG-WV)
(ed: Steve, VOA is in Marathon, FL on 1180. I don't know how you hrd it on 930. I suspect you may have heard something caused by VOA's SW xmtr in Bethany, OH. For example: an extremely strong SW signal could mix with a harmonic of your receiver's oscillator and show up at some point in the BCB.)
- 950 WKAZ WV, Charleston 3/28 2111 T-40, a fair sig. Little bit fadey. 12th on most wanted list. "KAZ" ID, also "Real-Rock 95" and "K-A-Z" jx. (SG-TN)
- ???? UNID, 3/28 2112 Opera (yuck!) u-/WKAZ-WSPA. (SG-TN)
- 990 WHOO FL, Orlando 3/28 2136 "WHOO Orlan." Then N-O-X faded in on it. Fair sig while it lasted. (SG-TN)
- WJEH OH, Gallipolis 4/3 1338 T-40, fair signal. (SG-WV)
- WNOX TN, Knoxville 3/31 2023 Fair sig. T-40 w/a WNOX "Man in the Van" spot. Several "99-N-O-X" ID's. (SG-WV)
- 1010 CFRB ON, Toronto 3/26 0455-0500 Good, mx, "Close Encounters of the Third Kind", nx. QRM from WINS. (MPS-NH)
- 1030 WBZ MA, Boston 3/25 2049 Tele-talk. Fades filling w/misc LA stations. (BL-FL)
- 1050 *WCMS* VA, Norfolk 3/26 MM 0410 On with Bluegrass and c&w mx and test ID's. Fair signal. (BC-NC)
- 1060 KYW PA, Philadelphia 3/28 2022 News about nuclear plant problems. Fighting WRMF QRM. (BL-FL)
- 1080 WVCG FL, Coral Gables 4/2 Was on night pattern most of the day, because of antenna problems; which makes them very weak here, 20 miles so. (BL-FL)
- WZTQ WV, Hurricane 4/3 1819 T-40, wx (47°), YL annér. Good sig. (SG-WV)

1100 WWWE OH, Cleveland 3/31 2028 T-40 w/-
"WWE" ID's. Good sig. Seldom heard
in Greenville. (SG-WV)

1170 CFIX OH, Cornwall 3/25 1801 S/off w/NA
sung in FF my male vocalist. Xlnt
o/WWVA. (WPT-DC)

1180 WHAM NY, Rochester 3/26 0039 "At 1180 on
your AM dial, WHAM", YL DJ, ment
contest being held by the station,
good. (SDM-MA)

1190 CHTN PEI, Charlottetown 3/26 0018 Anne
Murray, ID several times, OM DJ.
(RR-ON)

WIXE NC, Monroe 4/3 1900 S/off w/out SSB.
WOWO weakly coming in w/it. Good
signal. (SG-WV)

1210 KGYN OK, Guymon 3/19 0243 Disco mx, OM
DJ, ID & ment of OK. (RR-ON)

???? UNID, 3/28 1803 T-40 mx u/WCAU. I
don't have an NRC Log, so I'd appreciate
some help. (SG-TN)

1230 WIRO OH, Ironton 4/3 1904 Nx, ment Ohio
and Ohio River. Fair sig w/"12-30
WIRO" jx. (SG-WV)

WKBO PA, Harrisburg 3/26 0313 Faded in
for a brief moment w/T-40 mx and ID!
(BL-CT)

1240 WBGC FL, Chipley 4/5 2005 UPI News, wx
by OM at :05. No. 769. (BL-FL)

WFOY FL, St. Augustine 4/5 2003 CBS Nx &
JX ID. (BL-FL)

WGBB NY, Freeport 3/26 0045 And now a
GY'er, WGBB. Just heard an SID.
Fair signal. GY'er # 10. (SDM-MA)

WMMB FL, Melbourne 4/5 2003 MBS Nx & ID.
(BL-FL)

WSKI VT, Montpelier 3/15 1829 PSA, many
ments of Montpelier. Local ads & an
ID. Fair while it lasted. (BL-CT)

WTIP WV, Charleston 4/3 1909 w/BFL mx &
Muzak (ugh!). No ID's. Very good
signal. (SG-WV)

WWWD NY, Schenectady 3/26 0118 T-40 mx,
JX ID. Very very good signal! Long
time no hear. ID as "3WD". (BL-CT)

???? UNID, 3/26 0223 Someone fooling a-
round w/tone. Pitch was going up &
down continually. (BL-CT)

1260 WNDE IN, Indianapolis 3/31 2028 Chuck
Craig Show w/T-40 mx. Lotsa QRM and
some QSB. (SG-WV)

1270 WCBC MD, Cumberland 4/3 1911 Nx, wx (42°)
w/old Muzak ('60s & early '70s).
Good sig but deep QSB. (SG-WV)

WXYZ MI, Detroit 3/26 0121 Xlnt.(SDM-MA)

1290 WHIO OH, Dayton 4/3 1918 W/a "WHIO, no-
body does it bother" jx. MoRish mx,
"Clear Skies". Good signal. (SG-WV)

WVOW WV, Logan 3/31 2042 Cin. Reds vs NY
Mets o/UNID T-40. (SG-WV)

1330 WFBC SC, Greenville 3/31 2044 T-40. Good
sig. Never heard in Greenville, TN.
(SG-WV)

WHAZ NY, Troy 3/20 1928-2008 Fair. Final-
ly got the station buried under WPOW.
When WPOW s/off came, I thot I could
get WHAZ then; but WEVD came in with
same strength as WPOW. ID at 2008.
rr mx. (MPS-NH)

1340 CJAN PQ, Asbestos 3/26 0248 FF MOR mx. In
NRC Log said this was the only NSP
FF'r and could detect a little of
the same mx on CFDA, as they simul-
cast. (BL-CT)

WALL NY, Middletown 3/10 2135 ID "13-40
Wall", MoR/EZL mx. Fair sig. (BL-CT)

WMBO NY, Auburn 3/14 1813 Nx, spot for
Auburn Savings Bank. Fair-poor sig.
(BL-CT)

1350 WCWR FL, Cocoa 4/4 2028 Country talk a-
bout a "Johnny Paycheck Special".
This is ex-WZY. (BL-FL)

WSLR OH, Akron 4/3 1934 Good sig. Nx, wx
(47°), Elvis mx followed. (SG-WV)

???? UNID, 3/31 2055 C&W, Mutual Bdcstg
w/Freddy Fender songs (10 of 'em)
(SG-WV)

1360 WSAI OH, Cincinnati 3/31 2056 MoRish mx.
Fair signal. (SG-WV)

1370 WDEA ME, Ellsworth 3/20 1905-1915 Good,
WFEA partially nulled, MoR mx,
clinched this one. (MPS-NH)
(ed: What, no ID?)

WFEA NH, Manchester 3/12 0147 Is all news
after midnite. Don't think it's re-
corded. (BL-CT)

WSPD OH, 3/12 0147 C&W mx, ID heard under
WFEA. Poor signal, though sometimes
faded up to a fair signal. (BL-CT)

1390 (WEAM) VA, Arlington 3/26 0100 Noted off
air; normally NSP. Unneeded WFBL
heard. (WPT-DC)

1400 WDOT VT, Burlington 3/26 0030 Local spot,
ID, T-40 mx. Fair signal. (BL-CT)

WEST PA, Easton 3/15 1813 Wx frst, ID &
MOR mx. Poor. (BL-CT)

WFTL FL, Fort Lauderdale 3/15 2039 Float-
ing around on top w/ID's and MOR mx.
(BL-FL)

WRDO ME, Augusta 3/15 1819 T-40 mx, JX ID.
Just faded up then faded away.(BL-CT)

1410 WGGM VA, Chester 3/15 1810 Local ad, rlg/s/
country mx, southern accent noted.
Poor u/WPOP. (BL-CT)

1420 WKCW VA, Warrenton 3/25 1808 C&W mx,
ment of Warrenton & local area.
Many local ads. Fair-poor signal.
(BL-CT)

1430 CKFH ON, Toronto 3/26 0517-0522 Good, ID
"C-K-F-H Toronto", mx "Sultans of
Swing", QRM w/?. (MPS-NH)

WVAM PA, Altoona 3/14 1810 IDs, request
line: 944-WVAM, T-40 mx. Xlnt sig.
(BL-CT)

1440 WCDL PA, Carbondale 3/14 1807 Promo for
St. Pat's day show, ments of Lack-
awanna County, IDs, T-40 mx. Fair
o/"14-Q". (BL-CT)

1450 CFJR ON, Brockville 3/26 0200 ID, Nat'l
Nx (Canadian). Very good signal for
a moment. My first TRUE Canadian
GY'er. (BL-CT)

+ 3/24 0022-0034 Fair-poor, all of a
sudden came out of nowhere w/YL
" minutes past the hour at CFJR"
and faded right back out. (MPS-NH)

WILM DE, Wilmington 3/14 1816 ID, "This
is _____ w/WILM Sx". Fair o/WOL!
(BL-CT)

WMFJ FL, Melbourne 4/5 1956 Top-40 mx,
ABC-Contemp News. (BL-FL)

WSTU FL, Stuart 4/5 1955 BFL mx w/ID by
OM. Fair o/WOCN. (BL-FL)

WTAL FL, Tallahassee 4/5 1959 ID by big
voiced OM. (BL-FL)

WVLD GA, Valdosta 4/5 1958 ID, T-40 mx.
Fair. (BL-FL)

???? UNID, 3/20 1844-1900 Fair-poor QRM
w/WKXL (6 mi. away, danged locals,
hi), mx "Do You Think I'm Sexy", ID
at 1900 sounded like WCBC (might've
been Canadian QRM) CFJR maybe?
(MPS-NH)
(ed: Might have been WCTC, New
Brunswick, NJ.)

1470 WSAN PA, Allentown 3/27 (time?) Noted
w/a fair signal but lotsa QRM. An-
other newie. (SDM-MA)

1480 WHBC OH, Canton 3/26 2106 T-40 mx, wx
(28°), OM anncr, then into "Forever
In Blue Jeans". (SG-TN)

WYZE GA, Atlanta 3/30 1845 S/off by OM,
no SSB or Dixie. Poor sig. (WPT-DC)

???? UNID, 3/26 2114 NCAA BKB game.
(SG-TN)

1490 WFAD VT, Middlebury 4/3 2040 In good on
aurora, about like normal daytime
reception. Cited only as an example
of auroral cx. In evening WFAD is
usually in the mess w/other GY'ers,
& often can't be ID'd. (BC-VT)

WOLF NY, Syracuse 3/26 0300-0303 End of
"Powerline", JX ID "W-O-L-F...Syrac-
use", PSA, T-40 mx. Xlnt signal.
575!! (BL-CT)

WTVL ME, Waterville 3/24 0005-0008 Fair
w/nx, sx, wx-40°F, s/off 0008. Gave
freq, power, owners and address in
GY mess. (MPS-NH)

WXIT WV, Charleston 4/1 0928 Good sig.
T-40 mx, ID's as "15-XIT". Wx (58°)
(SG-WV)

1500 WGFT OH, Youngstown 3/31 1833-1845 Fair-poor w/gospel unid mx (gospel/c&w/EZL/soul), talk between records, several PSAs 1833-1845, ID, s/off said on at 0630, no SSB. Much QRM. New. (PRM-OH)

1510 WLAC TN, Nashville 3/26 0353-0402 Good, OM, mx, mx "YMCA" & "You Should Be Dancin'". QRM w/WITS. TN # 2. (MPS-NH)

1520 (WKBW) NY, Buffalo 3/26 Noted off at 0100, but back on again by 0203. (BL-CT) 3/27 2238 Good, but battling w/local powerhouse "I-T-S" - 1510. QSB & splatter. Heard a few spots, jx ID, into more mx. (SDM-MA)

1530 WCKY OH, Cincinnati 3/17 2235 Fair-good, on w/"CBS Radio Mystery Theatre". (SDM-MA)

1540 WJGA GA, Jackson 3/23 1848 S/off by OM; ment of 1000 watt power, no SSB. Fair. (WPT-DC)

WNIO OH, Niles 3/29 1830 S/off by OM, ment of 500 watt power, no SSB. Fair-poor. (WPT-DC)

1550 WKYE TN, Bristol 3/30 1830 S/off by OM; no SSB. Fair u/WBSC. (WPT-DC)

WNTN MA, Newton 3/27 0313 Equipt Tests, OM ID & whistling. Not new, but an interesting ET. (RR-ON)

WYOU FL, Tampa 3/30 1845 S/off mentioned 70.000 watts, several call letter mentions o/WAAY. (PRM-OH)

???? UNID, 3/28 2129-2132 Station running test tone, 1000 Hz on & off 2129-2132 EST! o/u/CBE. Strongest WNW/ESB. (PRM-OH)

???? UNID, 3/30 1844 S/off "on behalf of the staff & management of..." what sounded like WRMA, WIMA. QRM from WAAY. (PRM-OH)

1570 WLBQ KY, Morgantown 3/30 1900 Fair over Canadians w/s/off at 1900. (PRM-OH)

WOKC FL, Okeechobee 4/2 1910 Country. IDing as WLMC, which is FM. Seems that the AM should have been off at either 1845 or 1900. (BL-FL)

1580 WAMY MS, Amory 3/31 1900 S/off, "Good evening from WAMY, Amory..." (PRM-OH)

WANB PA, Waynesburg 3/31 1900-1906 Good w/NBC Nx, then local nx, wx, into rock, "FM-103" & "Stereo 103" IDs. Only NBC per NRC Log is WANB, and a check of FM Atlas shows an FM there. Per call to station they didn't know stn hadn't been signed off, and did it routinely after "Shame" at 1920. Good signal, taped as evidence, hi. (PRM-OH)

WESY MS, Leland 3/31 1904 Good, ending nx into "I Want Your Love", w/ID o/NBC Nx on WANB. (PRM-OH)

WSRF FL, Fort Lauderdale 3/2 0600 New Format, has dropped AOR, now is automated country. Also dropped "Surf-16" slogan. (BL-FL)

???? UNID, 3/26 0035 Someone w/very loud TT's noted at 0035, 0105 & 0206. Some CKLM slop. Couldn't detect any CBJ under at 0035. (BL-CT)

1590 WQQW CT, Waterbury 3/27 2231 Poor but audible u/local "U-N-R"'s harsh splatter w/"Sears Radio Theatre". (SDM-MA)

???? UNID, 3/26 0054 Someone w/CBS Mystery Theatre. Would normally think WQQW, but they went off at 0000. Might have signed off at 0100, as heard a SSB. (BL-CT)

1600 WFRG NC, Reidsville 3/31 1852-1900 Good w/lots of QRM w/rock 1852-1900, "16-FRC" promos & legal ID at 1900. (PRM-OH)

WLNK NY, Sag Harbor 3/30 1709-1730 ID's heard & ad for Southampton Tire. In w/WUNR & others w/rock, but was the most predominant. (BC-VT)

WVRL NY, New York 3/26 0100 Signed off. NRC Log list 0200 s/off. (BL-CT)

1610 WFT-613 OH, Cincinnati Been hearing a stn on 1610, WFT-613, with prerecorded announcement, "You're listening to WFT-613, Greater Cincinnati Int'l Airport Traffic Information Radio Station". Cincinnati is approx. 400 miles from Rocky Mount, NC. So it stands a good chance of skipping out on a freq of 1610. Has a female anncr. Gives out info about the airport parking & locations of airline companies. (BC-NC)

1620a "WGOR" NY, CLANDESTINE, 1/28 0407-0412 This was the only time I ever picked it up. Poor. Phone 212-355-9979, 2 1/2 watts. Talk show with Larry Wong & Ms. Spencer, no music. Called and spoke to Larry about his life. (SE-NY)

"WFAT" NY, New York CLANDESTINE 1/28 0430-0600 After listening to WGOR, I tried to go to sleep but couldn't; so I tuned to 1620 & heard Larry McCrea broadcasting. 50 watts. Called Larry & talked about NY radio. Phone 212-372-9906 & 886-9979. Excellent sig. I have logged WFAT about 10 times after that show. I reported them to the FCC & the FCC is chacking their address, 1637 77th St., Brooklyn, NY. Also, WNBC-TV News had a story on them, saying that the FCC can't catch them. Ever since that story, WFAT hasn't broadcast. I guess Larry doesn't want to make license plates, hi. (SE-NY)

1620 "PRN" MA, Worcester CLANDESTINE 2/3 0300-0500 I traced them down! Ron, who works at PRN, also works at the Neptune (Fish & Chips store, he cooks pretty good, hi!), 37 or 34 Pleasant St., Worcester, MA. I must give some credit to Ian Meyers, who had a map & a Boston phonebook. This is how we traced them. Before when they were testing their xmtr, they gave out the phone #, 617-791-1117. The next day I called that # collect, Ron answered saying "The Neptune", & he accepted the charges. I thought it was an electrical store, but the operator said it was a FISH & CHIPS joint. The # 791-1117 was not listed but there was another # listed, so I called them collect & Ron answered saying "The Neptune". I then hung up on him, as I had my information. Last week when PRN was on, I called the stn at 212-664-9979 and Mr. Electricity answered. I then asked to speak to Ron. I spoke to him & he didn't sound happy. It must be because I wrote to the FCC & gave them his address. I can't stand their stn because I never received my QSL card, they play some nasty records and they interfere with WFAT. So, if any of you DXers live in that area, why don't you stop in for a PRN Fish & Chips platter, it's only \$16.20, hi. (SE-NY) (ed: On that last tel #, did you mean 212 or 617? 212 is NYC. Anyway they're still on, see below.)

+ 4/7 2025-2104 "PRN" CLANDESTINE a Sat. night, uses "PRN, Pirate Radio New England" in annncmnts. Rebroadcasting WACR-FM, Assumption College, 88.1 MHz. Good sig w/ID at 2030 and 2050. Said broadcasts sporadically 12 midnite to 6:00 AM. (BC-VT)

////////////////////
 ID'ING THE UNIDS
 1000 ???? (DF-MI) (see EDXR for March 10th)
 CFLP Rimouski, Quebec
 CFLP-1000 could not be // SRC. Local SRC is CJBR-900 or CBSL-1110 and CFLP is Telemedia, so no doubt CFLP. (DB-PQ)

////////////////////
 DX TESTS
 7060 KBGN ID, Caldwell 4/2 DX TEST Tried for KBGN Idaho on 1060 MM 4/2, but both KYW & WNOE were on at 0325. (PRM-OH)

////////////////////

PER THE LIST

- 970 WANV VA, Waynesboro 3/26 MM 0530 On with ID's, fair signal, for frequency check purposes, followed by tones. (BC-NC)
- 1380 WAMS DE, Wilmington FOURTH MONDAY 3/26 Assumed the one on at 0253. Did not hear it before 0245. Tting. (BL-CT)
- 1470 WJDY MD, Salisbury FOURTH MONDAY 3/26 Noted w/TT at 0016. (BL-CT)
- 1580 WORV MS, Hattiesburg 3/19 MM 0225 Heard WORV-1580 conducting equipment tests with plenty of repeated ID's and Organ music. (BC-NC)
- 1590 WCBG PA, Chambersburg FOURTH MONDAY 3/26 0003 Tting. (BL-CT)
- DB-PQ Denis Beauregard, 2425 St. Antoine, Lachine, Quebec H8S 1U9 Realistic TRF
- SE-NY Stephen Ehrbar, 187 Browns Road, Nesconset, NY 11767 Realistic TRF, Panasonic RF-2200 75' L'Wire
- SG-TN Steve Grubb, 203 Marie St., Greenville, TN 37743 Realistic STA-64, TRF + longwire
- BC-NC Bill Coleman, Jr., 114 Circle Dr., Rocky Mount, NC 27801 Hammarlund Super Pro & FRG-7000 + 1'wire
- SG-WV Steve Grubb DX'ing from Poca, WV
- BL-FL Bob LaFore, 12991 SW 252 Terr., Princeton, FL 33032 Sears 5-Band portable, DX-160 + loop
- BL-CT Bryan Lee, P. O. Box 69, Brooklyn, CT 06234 Panasonic RF-2200 & Realistic TRF + 2' lp
- SDM-MA Steve Miller, 368 Quincy St., Boston, MA 02125 Realistic TRF
- PRM-OH Paul Mount, 35 1/2 West Columbus St., Nelsonville, OH 45764 Realistic TRF, SM-1
- RR-ON Rob Ross, Box 4373, STN C, London, ON N5W 5J2 Panasonic RF-1115
- MPS-NH Mike Saltmarsh, 33 Fowler St., Penacook, NH 03303 Nat'l NC-183 & 80' L'wire, Mont'y Ward GEN-1479A
- WPT-DC Bill Townshend, 4500 Conn. Ave., NW, Washington, DC 20008 Realistic TRF
- BC-VT Bob Curtis, 17 Cobbleview Dr., Colchester, VT 05446

Welcome to new reporter Stephen Ehrbar, and thanks for the interesting reports on the pirates.

There was an exceptionally intense aurora on Tuesday, April 4th, from noontime continuing throughout the night. Here in Vermont it was visible in the northern sky after the cloud cover had disappeared. In fact, an earlier aurora had showed on the evening of Monday, the 2nd. Although most BCB DX'ers are probably not equipped to receive on 6-meters (50 MHz), nevertheless 6-meters is one of the best frequencies available to readily check for an aurora. Under auroral conditions 6-meter hams point their beams north and literally bounce their signals off the auroral curtain. For example, your editor, who happens to be an active 6-meter ham; found aurora to be present just after noontime on the 4th. During the remainder of the day 6-meter stations were contacted all the way from Halifax, NS south as far as Delaware.

My purpose in mentioning this is not to inject ham radio into a BCB column or to impress you with my ham activities; but only to point out that any 6-meter ham knows when auroral conditions are taking place and the intensity of them. For BCB DX'ers interested in DX'ing under auroral conditions, it might be well to have a 6-meter ham operator clue you in.

As we approach the peak of the current sunspot cycle, it is expected that auroras will be more frequent and of greater intensity.

73 and good DX Bob Curtis

central dx roundup

Bob Lazar
511 W. Doty St., Apt 208
Madison, Wisconsin 53703

Deadlines: 4/24, 5/19, 6/16 All times EASTERN

+++++
OF SPECIAL INTEREST

- 1010 WKQT LA GARYVILLE good w/ pop mx & many ads 0740-0800 IDing only as "River Parish Radio" except at top of hour. (BP-LA)
- 1190 KRZJ KS BELOIT these are the call letters per letter from the president stating that the station has not been built yet and expects to be on the air sometime this summer. 2500 watts. (AOK-IL)
- 1340*WHPI*IL*HERRIN good on unlisted f/c 3/26 4th MM 0131-0133. (AOK-IL)
- 1540*WSMI*IL*LITCHFIELD had an unlisted f/c 3/28 4th Wed. 0100-0115. (AOK-IL)
- +++++
- 570 WNAX SD YANKTON 3/31 0153 fair w/ ID, temp. 21, into C&W mx. (DW-WI)
- 590 WKZO MI KALAMAZOO 3/28 2254 good over WOW w/ "WKZO presents CBS Mystery Theatre @ 11:07", mx by Andre Kostelanetz. (DW)
- 610 WDAF MO KANSAS CITY 3/30 2154 fair w/ ID "61 Country", ad for Ford Dealer in Liberty, C&W mx. (DW-WI)
- 630 KHOW CO DENVER 3/27 2205 fair w/ nx ending and "KHOW Greater Denver wx", into phone in talk show. (DW-WI)
- WLAP KY LEXINGTON 3/28 0310 good w/ "temp. hanging in there @ 38 @ WLAP" into rock mx. (DW-WI)
- 680 WMPS TN MEMPHIS 3/31 0235 fair w/ "Listen to the Country on 680 - WMPS". (DW-WI)
- 690 WTIK LA NEW ORLEANS 3/31 0237 male ancr, "Disco WTIK", mx. Good. (DW-WI)
- 740 KTRH TX HOUSTON 3/31 0250-0300 Herb Jepko's Nite-Cap show. Fair. (DW-WI)
- 790 WMC TN MEMPHIS 3/30 2250 good w/ ID "WMC-79", ad for Cadillac dealer, into C&W mx.
- CHIC ON BRAMPTON 3/26 2250-2300 disco mx, IDs after each record. Fair. (DW-WI, last 2)
- 850 KOA CO DENVER good 2258 3/26 w/ talk. A surprise - I would've expected something closer to dominate. (BP-LA)
- 970 *KJLT*NE*NORTH PLATTE strong on 3/25 ET w/ Gospel mx 0238-0242. Sends a v/l. (AOK-IL)
- 980 CKRM*SK REGINA 3/31 poor 0305 C&W mx, played requests, ad for truck stop @ Swift Current, male ancr. No positive ID here! (DW-WI)
- 1010 KLRA AR LITTLE ROCK 3/31 0310 ad for Huntley's Amoco Truck Stop midway between Little Rock & Memphis. ID' & into C&W mx by B. Mandrell. Good. (DW-WI)
- 1050 CHUM ON TORONTO 3/31 0352 good w/ rock mx, ad for "Mr. Submarine" restaurant. (DW-WI)
- 1060 WNOE LA NEW ORLEANS 3/27 2043 good o/ KYW w/ DJ named Jack the ____, played WLS-type mx, "68 @ NOE", telephone call from teenybopper and into more rock mx. (DW)
- 1070 KHMO MO HANNIBAL 3/26 2118 good, slingshot over WTSO w/ anmt "18 min. after 8 @ KHMO", PSA - Blood Pressure Clinic @ Clarence ?, into C&W mx. (DW-WI)
- 1140 KMJ NV NORTH LAS VEGAS poor mixing w/ CKXL 3/25 0336-0405 w/ pop mx, rptd. Nevada # 3. (AOK-IL)
- 1150 WJBO LA BATON ROUGE poor u/ CKOC, CJRC, WIMA & unid tester w/ Larry King show 3/31 0155, caught ID at 0200 so rptd. (AOK)
- 1260 KGBX MO SPRINGFIELD 3/27 2210 fair, "Radio 1260" contest for Nat. Secretary Week, anmt for "Sears Radio Theatre" @ 10:05, ID & into slow mx. (DW-WI)
- WXCE WI AMERY 3/25 1100 poor w/ WWIS Black River Falls in the way. Heard Ae nx ending, mention of Amery & into C&W mx. (DW-WI)
- 1270 KDJI AZ HOLBROOK 4/4 SSS 2040-2100 s/off fair w/ pop mx, IDs, Livestock Market report, and very complete s/off anmt. Off w/ SSB. (NZ-NE)
- 1310 WTTL KY MADISONVILLE 2206 3/27 good w/ ad for Hunley Ford, wx, ID into rock mx. Female ancr. (DW-WI)

1350 WSLR OH AKRON 3/28 0145 fair w/ ID, 27°, ads for True Value Hardware, Compoz, Accurate Tire & into C&W mx. (DW-WI)
 1380 WMEE IN FORT WAYNE 3/28 0123 ID, nx & wx, 28°, DJ Rick Herman into rock mx. (DW-WI)
 1470*KTCB*MO*MALDEN poor u/ WMBD on ET w/ TT-OC 0143-0200 3/27. (AOK-IL)
 1530*WMBT*PA*SHENANDOAH good on ET w/ rock mx 3/26 0152-0201. (AOK-IL)
 1540 KGLA LA GRETNA s/on 0715 after SSB, announced sked as LSR-ISS, then vocal "Ave Maria". Noted later in SS. (BP-LA)
 1550*WCHU*TN*SODDY-DAISY good on 3/25 ET w/ TT-OC 0149-0201. (AOK-IL)
 1570 WFRL IL FREEPORT 3/29 1725 fair w/ WVMS. Rock mx & ID. First time heard up here. (DW)
 1590*KTCH*NE*WAYNE 4/5 noted on & testing w/ TT & ID on ½ hour, 0125-0135 listening period. Loud at about 100 miles from here. (NZ)
 WIXX WI NEW RICHMOND 3/28 1608 poor, heard ID, mention of New Richmond & song "You are the Apple of My Eye". (DW-WI)
 1600*KUSH*OK*CUSHING fair on ET w/ TT 0102-0105 3/31. (AOK-IL)

DX TEST

1060 KBGN ID CALDWELL 4/2 on DX test, IDable second hour w/ relig. music, ID and phone #, TT, fair sig., but talk QRM from KYW & KKKQ made IDs tuff. (NZ-NE)

UNIDENTIFIED STATION

1030 3/31 0320-0338 poor w/ old radio program "The Great Gildersleeve" and ads for Kraft Salad Oil. WBZ had a phone-talk show at this time. Could this possibly be KTWO? (DW-WI) (KTWO is a good possibility--ed)

A TIP OF THE HAT TO THESE CDXR REPORTERS

- AOK - ANDY KWIATKOWSKI, 9624 Avenue M, Chicago, IL 60617 (Panasonic RP-2200)
- BP - BRUCE PORTZER, Special Guest Star, New Orleans, LA (Realistic TRF)
- DW - DAVE WURL, Rt. 3, Box 374, Stratford, WI 54484 (GE Superadio)
- NZ - NEIL ZANK, 623 Lyncrest Dr., Lincoln, NE 68510 (HQ-180A, TRF)

NANCY HARDY, Editor
 2301 PACIFIC AVE.
 ABERDEEN, WA 98520

western dx roundup

ALL TIMES ARE EASTERN LOCAL

Phone for hot WDXR tips: (206)532-6827 till 10:30pm(PLT) nightly--prepaid calls only
 DEADLINES: Thursdays 4/26, 5/10, 6/7, 7/5, 8/2
 REPORTERS FOR THIS ISSUE:

- (WB) Mark Bixby-1627 Highland Dr.-Newport Beach, FRG-7, wedge CA 92660 (NB-LT) DX'ing near Lake Tahoe, CA w/car radio
- (HC) Herb Childs-1810 Euclid #22-Berkeley, CA TRF 94709
- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA FRG-7, SM-1 98520
- (SMM) Steve Mittman-2248 W.37th St.-San Pedro, CA Realistic TRF, FRG-7, 90732 3' wedge
- (bp) Bruce Portzer-6546-19th Ave. NE-Seattle, WA HQ-180A w/4' loop, 98115 FRG-7 w/SM-2
- (FW) Robert Wien-945 Desert Isle Dr.-San Jose, CA GE long-range portable, SW-2 95117
- (RCY) Robert Yentema-P.O. Box 294-Mercury, NV

- 570 KVI WA, Seattle 3/12 0057 not new, but first hrd w/KLAC on (in their null while carrying talk)! OM was taking phone calls; then legal ID--into some sort of radio drama. (SMM-CA)
- 590 KTHO CA, South Lake Tahoe 3/30 1511 xlnt w/ stock market nx, nuclear stocks down after Three Mile Island. (NB-LT)
- 620 (KGW) OR, Portland 4/9 0606-0706+ totally off, one of their irregular MM SP's. (BH)
- 620 CJCI BC, Prince George 4/9 0606 "Central Interior wx" after hockey scores. Temps in Centigrade for "Smithers" & "Prince George," then pop mx & PST TC's. Good sig w/KGW off. Still there for 0700 nx. (BH-WA)
- 630 KCH NV, Reno 3/30 1513 xlnt w/spot for Club Tahoe condos. (NB-LT)

- 690 *XETRA* BCN, Tijuana 3/24 0430 noted sending out a TT. This is the first time I've ever hrd a Mexican testing. Is this a "first" or just very rare? (SMM-CA)
- 710 ?KFIA? CA, Carmichael 3/30 1519 poor assumed the one w/relig. mx & Bible readings. (MB-LT)
- 710 *KIRO* WA, Seattle 4/2 0326 o/u KMPC's OC w/ TT. (RW-CA)
 +4/2 ET'ing w/tones 0336, putting out spurs from 640-7701 (bp-WA)
- 730 CKLG BC, Vancouver 3/12 0328 very poor in XEX null. 1st time hrd at this QTH in almost exactly 1 year! Also, first time at this QTH w/new "LG-73" slogan. Fantastic cx to north this AM. (SMM-CA)
- 740 *KBRT* CA, Avalon 4/1 0340 noted testing on a SM, rather than MM, very weak u/KCBS nx. (RW-CA)
- 860 KTRB CA, Modesto 3/30 1524 fair w/ID "Country KTRB," spot for United Waterbeds. (MB-LT)
- 920 (KXLY) WA, Spokane 4/9 0533 off the air. They were also off MM 4/2 so they are not NSP. Just KITN/KOLO heard. (BH-WA)
- 950 KAHN CA, Auburn 3/30 1528 fair w/"K-hi news time" slogan. (WB-LT)
- 950 ?KIMN? CO, Denver 4/1 0318 suspected as weak rr mx w/KJR nulled, thru XEGM. (RW-CA)
- 970 KBEE CA, Modesto 3/30 1531 poor w/"KB-double E" slogan, into ski report. (WB-LT)
- 980 KVLV NV, Fallon 3/30 1531 fair w/spot for Jeff's Office Supply. (WB-LT)
- 990 KKIS CA, Pittsburg 3/30 1535 fair w/sports, stocks, wx & "K-kiss 99" slogan. (WB-LT)
- 1000 *KNLC* CA, Vista 3/22 0340 noted testing w/ rock mx o/KORO. This was on a Thurs. morn. KNLC was just granted a CP to go 5kw-D, 1kw-N. (SMM-CA)
- 1060 KKKQ AZ, Tempe 4/2 0300 ID & into nx, heard in 20-second gap between KPAY s/off & KBGN test s/on. EX-KUPFD, which still is their FM call. (HC-CA)
- 1140 KNJJ NV, North Las Vegas now on RS fulltime 10kw day/2.5kw night, AN-6 off MM 0300-0900. Now licensed to North Las Vegas. (RCY-NV)
 KNJJ 3/27 0304 weak in KRAK null w/TT. (RW)
 (KNJJ) 3/12 0355 noted off; s/on at 0755. XEHR booming in prevented needed VA. KGEW s/on at 0700. (SMM-CA)
- 1150 (KITS) CA, Los Angeles 3/30 0340-0420 it's a miracle! This stn was actually off the air for a short time, on a Fri. morn., due to xmtr problems! Three UNIDS hrd--see end of column. (SMM-CA)
- 1170 *KPUG* WA, Bellingham 4/8 0540-0604+ strong o/KLOK w/Bee Gees live album, then "Steely Dan's Greatest Hits." 0603 anncr. gave ID, mentioned "party atmosphere" at the stn because they were installing a new control-room studio, then back to mx. (BH-WA)
- 1200 WCAI TX, San Antonio 3/12 despite the announcement I hrd earlier, they're still signing off MM's at 0202 ET. (SMM-CA)
- 1230 KCBN NV, Reno 3/30 1541 fair w/unID QRM, spot for Country Cousin (clothing store), 1543 "CBN" slogan. (NB-LT)
- 1240 KSUE CA, Susanville 4/2 0307 fair, on top w/s/off, ment. of xmtr site on Antelope Peak, soft version of "God Bless America" to end. (RW-CA)
- 1250 KNCO CA, Grass Valley 3/30 1544 poor w/"Talk of the Town" telephone program. (NB-LT)
- 1270 KDJJ AZ, Holbrook 3/31 0845-0859 poor u/ QRM mess, alternating between C&W mx and Navajo drumbeat mx. Language was primarily Navajo, but a few EE sentences & "Arizona" ments. were sprinkled in. (SMM-CA)
- 1270 KGUY CA, Palm Desert 3/27 2040-2055 fair in XECAL null w/KFRN-1280 splatter--first time hrd on RS. All nx format w/"Your mx & information stn." and "K-guy newsradio time..." slogans. (SMM-CA)
- 1280 KJOY CA, Stockton 3/30 1548 poor w/"128 KJOY" ID & into Bee Gees mx. (NB-LT)
- 1300 KPTI NV, Carson City 3/30 1548 good w/spot for Warehouse Markets, into C&W mx. (NB-LT)

1300 KRVB OR, Medford 4/1 1845 faintly hrd in KWKW null, "...KRVB operates on a freq. of 1300 kcs. w/5000 watts of power. We (?) will return to the air..." Totally unexpected, as I was going after a Mexican at the time. (SMM-CA)

1330 *KHYT* AZ, Tucson 3/19 0512 a surprise u/local KFAC while doing a bandscan. OM announced "KHYT, Tucson--testing." A clear case of being in the right place at the right time! (SMM-CA)

1330 KCLM CA, Redding 4/7 2125-2145 poor to fair in KFAC null w/ID's and C&W mx. Mutual nx at 2130; relig. sermon at 2138; s/off anct. 2144; off at 2145--right on the button. (SMM-CA)

1340 KSKI ID, Hailey 3/31 2145 very weak in 1340 jumble w/local ads, quickly faded u/KBET/KMAK/XEAA. Total surprise, new. (RW-CA)

1340 KBET NV, Reno 3/30 1550 fair w/spot for Sargent's Maytag (in Sparks), into C&W mx. (MB-LT)

1400 KONG CA, Visalia 3/30 2108 wiping out KRE on SSS, Ai nx, long wx forecast, ID "first in nx, wx & sports info, this is KONG," in again at 2115 w/KONG Frost Forecast, suddenly gone at 2115, assume power out. Used to be common, but now rare. (RW-CA)

1400 KTRT CA, Truckee 3/30 1553 xlint w/pop mx. (MB-LT)

1410 KMYC CA, Marysville 3/30 1554 poor w/old pop mx, 1555 Mutual nx. (MB-LT)

1420 KSTN CA, Stockton 3/30 1556 poor w/spot for Rosenthal's (clothing store). (MB-LT)

1430 KARM CA, Fresno 4/8 0846 hrd an ad for "KBIF, A-W 90" in the "San Joaquin Valley." Must be a "trade-out" for the KARM-1430 ad on KBIF-900 s/off! (See 3/17 WDXR.) (BH-WA)

1440 KVEN CA, Napa 4/8 0841 booming in w/Sun. SS show, ads, "kah-veh-oh-enna." Must be signing on earlier than they used to. (BH-WA)

1450 KOBO CA, Yuba City 3/27 2100 popping out briefly w/ID u/KONE, KEST nulled. (RW)

1450 KONE NV, Reno 3/30 1600 fair w/WOR mx, 1602 "K-O-N-E, K-1" slogan. (MB-LT)

1480 (KWIZ) CA, Santa Ana 4/2 0310 noted off. KBOX & KVAN faintly hrd at times. (SMM-CA) +My #2 pest was totally off 4/2 0331. KEZY is #1. (MB-CA)

1480 KBOX TX, Dallas 4/2 0315 weak but clear w/1480 virtually dead. "1480, K-box" jingle into "It's a Cheatin' Situation". Very deep fades. KWIZ off. (RW-CA)

1490 KOWL CA, South Lake Tahoe 3/30 1604 xlint w/net nx. (MB-LT)

1490 *KVAC* WA, Forks f/c per list w/code ID's 4/2 0316. (bp-WA)

1500 *KXRX* CA, San Jose 3/29 0410 off w/TT, has been going off during week recently very often. Hopefully midnight s/off soon! Nightly! (RW-CA)

1500 (KROQ) CA, Burbank 4/6 0740 noted off on a Fri. morning. Something very faint in KXRX's null. KUMU-HI? (SMM-CA)

1500 KUMU HI, Honolulu 4/2 0545 PSA & "Koo-Moo" slogan, then BFL mx. 0602 weak ID & into "Koo-Moo" nx. 0604 1/2 nice KUMU ID & back to mx. Also in 4/9, so is getting regular MM's w/KXRX/CKAY off. KROQ's SS nulled out. (BH-WA)

1540 *KASA* AZ, Phoenix 3/19 0310-0320 xlint on ET w/frequent voice ID's. At 0312 they played a 4 min. comedy about a man talking on the phone w/God! "All day, everyday--KASA." (SMM-CA)

1550 (KRGO) UT, Granger 3/19 0327 off most of the morning, except for occ. TT's. KQWB dominant, w/weak WOKJ under. (SMM-CA)

1600 KUBA CA, Yuba City 3/30 1606 poor w/C&W mx, 1607 "16 KUBA" slogan. (MB-LT)

1600 *KASH* OR, Eugene-Springfield 4/2 0528 ID as ET'ing, then mx being switched on & off. Further investigation shows KASH is off MM's 0400-0600. (BH-WA)

1606 TIS CA, Yosemite 3/7 0216 poor w/loop tape of road info, food storage rules, etc. Per v/l, I am the first person outside of the park to have reported this, & their power is 10 watts max. (MB-CA)

April f/c's heard:

1st MM: 950-KMTX MT (RW-CA) 1400-KXIV AZ (RW)
 1230-KQIK OR (RW-CA) 1490-KVAC WA (bp)
 1240-KMCL ID (RW-CA) 1490-KCUZ AZ (SMM)

DX TESTS:

1050 KORE OR, Springfield-Eugene 3/26 0409-0436 very good to nil w/some XED QRM. Occ. TT's & jingles. Many voice ID's w/full stats, and ments of GWDXA. Three calls received: Robert Wien in San Jose, Sheldon Remington in Oakland, and Ed Ryan in Seattle. (SMM-CA)

1060 KBGN ID, Caldwell 4/2 0358-0422+ DX test hrd w/fair signal u/KNX-1070 slop w/ID's, TT, & relig. mx. Phone # given as (208)459-3635. (SMM-CA) (The area code of 209, listed in DXM & DXN, was incorrect.--NH)
 +4/2 strong on DX test w/ID's, TT's, & relig. mx. Listened 0349-0404. Way o/CFCN, w/KPAY prob. off the air. (BH-WA)
 +Xlint on DX test 4/2 0300-0326+ w/relig. mx & frequent ID's. (bp-WA)
 +4/2 0300+ test very strong, like semi-local. Tones, relig. nx, phone # given many times. No on-the-air acknowledgement of phone calls, since the whole test was pre-recorded. (HC-CA)
 +4/2 0313 tune-in poor to fair w/relig. mx & full ID's. (MB-CA)
 +4/2 0304 good, fluttery signal way o/CFCN w/KKKQ nulled. ID at 0304 mentioned xmtr tests & 10kw of power. Varied relig. mx & gave phone # several times during test. (RW-CA)

UNIDS:

890 WLS assumed to be the one w/TT 4/2 0324. Bogota was the only other thing audible. (MB-CA) (Also possible: a het from TP freq. 891--often heard here.--NH)

930 4/1 0321 unID TT very weak u/KHJ. No sign of KSEI, so maybe them. (RW-CA)

1150 3/30 0340-0420 at least 3 stns hrd here in KIIS's absence, during XERM fades, all looped appx. east. At least 2 were carrying Larry King (there was an echoing effect, which is why I suspect more than one stn), & the third came through around 0415 w/C&W mx. Does WJBO (hrd here before) carry King, & could the C&W be KCKY-AZ or KXLR-AR?(SMM) (Both KCKY & WJBO carry King. Your C&W also could have been KAYO--NH)

1410 3/29 0408 unID TT very weak u/KERN/CFUN, looped East. KAHL? (RW-CA)

1470 KRBC? 4/1 0500 tent. w/TC of 0400, into C&W mx. Very weak in KXOA/KSER/CJVB null, o/XECU. Does WMBD play C&W at all? (RW-CA)

1480 KVAN? 4/2 0322 possible unID rr looping north, very weak. Must be highly directional. Are they NSP? (RW-CA) (Probably--NH)

ID'ing an UNID:
 1310 W's unID of 3/21 in the 4/7 DXM is KQXE, Mesa, AZ. They frequently simulcast w/their FM, & just use the FM slogan "K-104." (SMM)
 I've been asked if I plan to compile a list of WDXR reporters like the "Special" at the end of the 3/3 EDXR column. So due to the demand, a similar list will appear at the end of WDXR's final issue for this volume in August. ♡

GET'M FIRST
ALL 9 HOLLYWOOD PARK
RACES RE-RUN



By **JAY RICHARDS**
 (NEW TIME)
5:30-6:15 p. m.
DIAL 1460 KTYM

"Daily Racing Form" 4-27-1973

via JXN

eastern dx forum

John Zondio
6617 Maryland
Hammond, IN 46323

Douglas Miske-128 Mossgrove Trail-Toronto, ON
M2L 2W5

Hello once again to everybody. First of all, I would like to tell everybody that I owe a letter to please be patient, as I have a massive backlog, and lots of schoolwork. By the time that this gets printed, tho, I should have it cleared. Am enjoying all the tapes that are coming this way, thanks all. More on the Brooker BCB Bash last week: it was lots of fun, tho not too much DX. If you're wondering how I get the title "antenna-man", it's because I ended up putting up all (3) longwires, because I was the only DXer there at the time (before all the others arrived) that is over six feet tall. I also put up Niel's new longer longwire yesterday. I guess the title does fit, hi. Recent QSLs in (adding to meager totals) are CKY, KFI and CBK. DXing a little slow lately, but it should pick up for me quite soon--as soon as all that mail goes out, hi. Since more spare time should be on the horizon, I now volunteer to join the "verie-chasers" list. I can do any of the Toronto stations. If all you would like me to do is give a little prodding phone call--fine. In that case, stations from London to Oshawa are in range. Well, have said enuf, still have some stuff left from Hawaii for those interested. A trip this weekend to Rochester should turn up some more stuff, namely WBBF stickers. 73s and best of DX. (Doug also notes he joined CWDXA in February-jz)

Niel Wolfish-15 Donwoods Grove-Toronto, ON M4N 2Y4
Hi everyone. First of all I'd like to say to SAM that I missed your reports this year in CDXR. Right now I'm listening to my 515th station, GHRL-910 in Roberval PQ, trying to figure out what teams are playing hockey in French. Totals now stand as 515/168 with 17 new ones in March so far. Last week ODXA freidhauf Mike Brooker held his first (and last) annual 'BCB Bash' (BCB here stood for Beer, Chips and Beverages) on St. Patrick's Eve and morning. Among attendees were the antenna-man Doug Miske, NRCer George Greene from Akron, 3 ODXAers from Prescott (near Kingston...which is near Montreal...which is near Vermont), some psuedo-DXers and some real ones and the ODXA BoD rep Fred McGlenaphan, who was an IRCAn but quit to devote all his time to the ODXA (he also quit CIPX, not that I blame him). Among the activities were antenna building, beer drinking (I won't mention the name of one extreme drinker), QSL drooling, pizza/chicken eating and chasing after test tones on 570, 930, 1310, 1380, 1550, 1560, and 1580 (DXing)...at least I DXed. I now have an idea of what not to serve at my DX'athon. Enough on that. QSLs in are WOPI, WHEN, WUST, WTMJ, and after I had lost hope, one of my best ever, KFBK (ha ha Brooker). But then again, he's got KKHI. Since I don't want to spend 17¢ writing to Mr. Lobel, I'll say it here: anyone interested in CKOC charts or CKFH, CHUM or CHIC stickers can trade with me for charts or stickers from wherever. CHIC just started now that their format is disco (read dismal). CHIC should change their calls to the following: change the 1st C to S and the last C to T. What do you get? Answer is next time, hi. 73s.

Allen W. Luckey-26 Gene Ave.-New Castle, DE 19720
Following my recent plea for information on my Navy surplus receiver, I was happy to hear from Rich Eddie, Dan Sheedy and Jim Hill, who was also nice enough to send me a copy of the over 200-page service manual of the RBM, which is defined as a medium frequency receiver. No DXing done as of late due to pressing matters which every homeowner is faced with each spring when the winter finally yields. I've been too beat for any late night sessions as of late and my Monday SSS session has been used for other things. The start of next year's season may see me with an FET Altazimuth antenna. I recently loaned my NRC Antenna Manual to a friend who happens to be a carpenter and he built the frame for me in less than a week. The materials, labor and expertise all cost me under \$10. The rest of it is up to me. The way I've been getting things done lately, I may have it ready by fall, hi. I also have to retube the receiver, as many of the existing tubes look as

though they may have been originals. I've had some spur problems which I've managed to either eliminate or lessen by switching around some of the tubes with those in my junkbox. From the comments I've received from other users, this ought to be a good receiver with the loop once I get the bugs out. The line noise which prevailed most of the winter has all but disappeared. Now that I don't have time to DX I reckon that works out about right. It will probably return in the fall as per Murphy. 73s.

Gary Siegel-2728 106th St.-Toledo, OH 43611

As far as the WSM-Opry situation is concerned, I would point out that even KSL admitted in some respect that they could not cover as much of the U.S. at night as they would like. If this isn't so, then why did they contract with WHAS Louisville, WBAL Baltimore, and eventually the Mutual Broadcasting Network to carry that show if their nationwide coverage was so solid? Why have they and other I-A clears sought power higher than 50kw if their 50kw signal can cover coast to coast and then some? WHO? The fact of the matter is that it is nearly impossible to hear WJR south of central Georgia with anything called a decent signal - for DXers, yes, but for John Q. Public, no. The level of foreign interference makes this an unlikelyhood. Even in Toledo, the Chicago clears WMAQ, WGN, and WBBM can suffer from heavy Cuban QRM. So what constitutes a clear channel? Also, what makes WQXR's classical music offerings any better than WQTE-FM Toledo's or WFMT-1450 Chicago's? Is it because it comes from NYC? Ha! I would prefer to have WIOD on the air locally and listen to a station I like which can give me more of a local flavor than can a shaky signal that I get from WQXR. Now I realize that this doesn't sound like the voice of a DXer writing this, but I would point out that local offerings are more important to more people than what is offered by distant stations. More jobs would be available to local talent, and with it perhaps the pressure to improve with the increased local competition and the desire to offer better pay to acquire that talent and a stronger desire to push the specific station to reach into its market instead of sitting on laurels with the thought that the big profits will always be there. Hasn't the big push of more FM stations forced the AM stations to improve or improvise to meet this latest challenge in many areas? True, additional stations will cause more bankruptcy cases, but it will create as many or more successes. It's always survival of the fittest and this holds true in broadcasting. No one gave FM or UHF TV much chance to success, but in truth both are alive and will be from now on. Thus the belief that AM band expansion or addition of more stations will be the dearth of the broadcasting business is just not true. There is enough money in the market place for all, and greater public access has to be the desire of all. Continued in next EDXF.

Bill Townshend-4500 Connecticut Ave. NW #901-
Washington, DC 20008-(202) 966-8046

It looks like spring has come to Peanut Town. Last Sunday (3/18) was super! 70 degrees and sunny after a cool (41 degrees) night, the night of Chuck Dobbins' DX GTG. His pad is at Bryan's Road (Marshall Hall), MD in Charles county, about 3,000 meters from the Riverfront amusement park across from Mount Vernon (Marshall Hall Park was the Las Vegas on the Potomac until mid-1968 when the one-armed bandits were taken out by state law) and 8,000 meters from the Naval Ordnance Plant at Indianhead. Among the 18 DXers (mostly SWL) present were poet Bill Wurtzel from the Big Apple, John Rouse, Jr., as well as his dad (J.R., Jr., is in IRCA while J.R., Sr., is a prospective member; I stand corrected, hi), Richard Kimmel (W3OWN), Tom White (it was his QSL albums that fell into the icy water after Rouse's CTG), and yours truly. DXing here is on the downturn; only four newies in the last two weeks despite many SSS sessions, including one enroute to the GTG. 73's de WPT.

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

Recently CKOC ran its Top 500 of all time, and "Stayin' Alive" beat out the Beatle's "Hey Jude" for the number one song. I never thought I would see the day when this garbage that has screwed up the last half of the '70s would beat out the Beatles. CFTR had their "Best of the Decade" and "Stayin' Alive"

was second to "Stairway to Heaven", so at least disco hasn't taken over the whole decade. As you might guess, I hate disco worse than non-IDing TT's. Not much DX to report. I heard WPAD on WDXR's old frequency of 1560. WDXR used to sign off at 0106, six minutes after WQXR, but WPAD seems to be NSP. I have no idea why WDXR would want to go from 10,000 watts to a GYer. It's like Reggie Jackson wanting to be traded to the Blue Jays. I recently joined GWDXA along with Doug Miske. Doug and I are the only Canadian GWDXA members east of Vancouver. Unlike certain other DX clubs, GWDXA doesn't put a limit on the length of certain contributions. And since I am getting close to that limit, before I sign off- I did get the WKNX-1210 test, but they did not verify for two reports which I sent for SSS receptions. Only highlights of the '78-79 DX season were WSKI-1240 test, WTHB-1550 for station #500, and KKH1-1550. 73's from the land of the 17 cent first class letter (after April Fools day).

Gary Siegel-2728 106th St.-Toledo, OH 43611

I've also seen the importance of local stations when it comes to unusual weather conditions. In many electrical storms the QRN can be so bad that only the most local signal can cut through. I know there have been times when I wish that a Napoleon or Wauseon, Ohio, had stations within ear range to determine the severity of approaching weather be it snow or rain storms. I can only imagine that this problem is compounded 10-fold in more wide open and more sparsely populated states than Ohio. What service can a WBZ provide Kansas? How useful is KOA to Toledo? When it comes to wanting the latest in specific information which might affect me I'll turn to a WSPD or a WTOD or any of my other locals. Tell me, fellow DXers, who do you turn to when you need the most vital of information which might affect you? I think you all know the answer. As far as sports coverage is concerned, even the 50kw clears admit in some measure that they cannot cover the total area of their specific fandom and must set up large radio networks to bring the fans the games. Only the "proud" WMAQ and WCN have failed to establish large baseball networks. I would also point out that many of the broken down clears still afford their dominant stations more than acceptable coverage. Would anyone deny that KYEL-1540, WLAC-1510, WTIC-1080, or KNBR-680 have very fine nighttime coverage? Surely the addition of more nighttime operations has not hampered these stations too seriously. So why all the fuss? What's wrong with allowing Ellsworth ME or Fairbanks AK to operate on 820 kHz? Why should a precious few be allowed to continue to have unrestricted dominance on a specific frequency? I would cite and I hope the Louisville folks will not think I'm picking on their position, but I believe that the pride of having a nationwide clear in WHAS influenced their stand on continued clear channel protection. I know a certain feeling of civic pride surely enters the picture when one can travel to almost any place in the U.S. or Canada and can still hear his home town. I know I always try to dig out WSPD or a similar Toledo station when I visit an out of town location to check on local developments and also the desire to know my home town can make it to a "foreign" location. Don't we all do this at times? Such is my stand. I'll try to answer any bouquets or brickbats. 73s. (For those not in NRC, Gary is referring to a statement in DX News by the Louisville Publishing Committee supporting continuance of clear channels as they now are-jz)

Susan Sirulnick-223 Lakeview Terrace-Teaneck, NJ 07666

I thought my name was hard to pronounce, but I had second thoughts when I received letters from Tommy Cieslewicz and Andy Kwiatkowski today. Oh well! Although I haven't had much time to DX this season (I've been devoting most of my time to college), I've managed to hear one new state, Maine (WLBZ), and verify Virginia, bringing my total to 23/27 states verified/heard. My main problem is living too close to WNEW's transmitter, which blocks out KMOX and state 28. My best frequency is 620. Four weeks ago, with local WVNJ off, I heard WLBZ. Last week, also with WVNJ silent, I heard WRJZ, giving me Tennessee #3. In the past I've also managed to hear WNNR, 1,000 watts in WV, which I don't remember, and WHEN in Syracuse NY. Write to Verification Signers (and me!). PM is 20, ha, ha.

Jeff Stover-P.O. Box 353-Montrose, PA 18801

I am a new member of the IRCA, recently rejoining the DXing fraternity after about a 15 year absence, so obviously this is my first entry in the forum. To introduce myself, I am 29, married, and work as planning director for a rural county in northeastern Pennsylvania. Besides MW, I also DX on SW, particularly the tropical bands. My receiver is a Hammarlund SP-600 and the antenna is an 80' longwire. Beverages are in the plans as my location affords plenty of room; the nearest neighbor is 1/4 mile away. If anyone out there has a loop antenna (preferably amplified type) for sale, please let me know (tel. 717-278-3718). Recently I have been amazed at the way the Latins ride herd on many frequencies in the evening. To me, hearing R. Margarita dominating KDKA is startling.

T.J. Cieslewicz-P.O. Box 104-Denmark, WI 54208

Since this is my first forum an intro is in order. The person who DX's at my shack is 17 years old and a senior at Denmark High School, planning for some type of media career. Started twisting and turning the dials back in 1976 and have been DXing heavily on and off since then. Totals so far are 202 heard and 69 verified. With my recent discovery of DX tests and frequency checks the fun has come back into DXing for me. This has gotten so bad that I am actually contributing to the DXM. A sad note is that my subscription to DXM has run out and until I can scrape up the green to renew it I will have to keep abreast of the IRCA news by reading the DXM of my fellow DAD (Denmark Area DXers), J.R. Cieslewicz. In the meantime, though, I will still continue to support IRCA. Can anyone send me information on how I can deepen the nulls on my box loop? This would be greatly appreciated. On a recent trip to WNFL I got a chance to talk to the CE and he says that he does answer reception reports. Their transmitter is a 1950's vintage Collins. They plan to get a new transmitter in about a year or so and it will be an AM stereo type. He also gave his opinion on the proposed break up of the clear channels and he is against it because he doesn't think that the people in the outlying areas will be served as well as they are now. That's about it and 73 from TJC.

DEADLINES:

26 APRIL
10 MAY

**western
dx forum!**

Rick Heald
1091 Hampshire Street
San Francisco, CA
Ph: (415) 285-4826

BILL HARMS-865 N. 160 W. #2-PROVO, UT. 84601

BCB DX has been very slow, but I've noticed that KNBR is a regular daytimer here on my car rx and sometimes on my "Frog" if my neighbor decides to turn off his TV. W/KNBR, CA makes the 6th state audible here in the daytime. I guess KNBR really is "everywhere". TP reception is interesting w/Japan in semi-regularly here. In Provo I've hrd 7 or 8 TP countries while in Spokane I was struggling to receive just AK & HI. Maybe I'll receive a TP at the end of the Summer in Spokane. A few Spokane area DXers and I are planning a GTG some time this Summer. It'll be an all band GTG and everyone is invited. We don't have any definite plans yet, but we will let everyone know as soon as plans are more firm. I gotta go. 73 de WJH from Provo, soon to be Spokane.

KIRK SCHNEIDER-781 CEDARWOOD DR-LA HABRA, CA 90631

Ph: (213) 691-5198 (prepaid)
Hope to do some DXing o/Easter vacation as I haven't had time for much the last few weeks. Orange Co. will be getting a new FM station this month, KSBR 88.5 in Mission Viejo. It will be local news, NPR, pop music and classical from Saddleback College. A few weeks back I hrd my best catch ever. While tuning around 830 I hrd Christian music and a YL announcer that sounded very young. The ID was KBBK, which according to BYB is carrier current in Santa Cruz! A long way from La Habra (where the fog meets the smog, hi). If anyone has diagrams of solid state LPB XR'ers I would be interested in getting copies. Also looking for tapesponders from SE US, Plains (KS, NE, ND, SD, etc) and especially Europe, Australia, etc. That's all for now as I have to run to the other end of the room to turn off the TRF. KALI is playing "Stayin' Alive" in SS. HELP!! 73 de Kirk.

MIKE BITTNER-221-36th ST. MANHATTAN BEACH, CA 90266
 + + + + +
 Heavy rain this morning 3/28 woke me up, so turned on the homebrew BCB Rx. Dial was still set on 970 where I gave up trying to get the call letters of a SS stn that ID'd as Radio Mexicana @ 0005 PLT on 3/23. Instead of SS, hrd EE. ID'd as KYTE Portland @ 0350. Apparently a pipeline to the northwest was open because 2 BC stns were logged. CJVI 900 Victoria between 0400 and 0437 PLT, and CKLG 730 Vancouver between 0440 and 0500 PLT. CJVI w/C&W mx, wx rpt mentioned "Flows near freezing" and VI-90 slogan. CKLG w/DJ called Doc Harrison, nx ancr "Ted Far?", LG-73 slogan. These are the only Canadians I've logged other than CBK 540 in its nightly battle w/ XEWA. Was hoping for KIAK or KFRB AK but the Canadians will do. 73 de Mike.

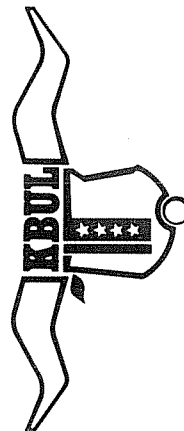
MARK BIXBY-1627 HIGHLAND DR. NEWPORT BEACH, CA 92660
 + + + + +
 Hello again. Re JXN's pirate directlry, I agree with RTH-publicat on in a DX bulletin could be the kiss of death for a pirate. I am generally in favor of pirate broadcasting, provided that the persons involved act responsibly (eg no obscenities and no QRM to others). I talked to a quasi pirate a while back who uses low power rigs in his business (wireless microphones, etc.) who was broadcasting with around 3 watts. Since he was well over the 1/10 watt unlicensed limit, he called the local FCC office and they said that they didn't care as long as they didn't receive any interference complaints!. About a month ago, I heard and verified the Yosemite TIS station. Per v/s Charles Schlessman, their power is 10 watts max and I am the 1st person to ever report reception from outside the park. Address: National Park Service, P.O. Box 577, Yosemite National Park, CA 95389. I DXed during a recent skiing trip to Lake Tahoe and my loggings should be in this issue. Most of the Bay Area stations were audible midday, and I was especially grateful for KNBR since they are the only decent station audible during the long FM-less drive from Bishop to Carson City. Does anybody know where the tower is for KNYO (ex-KINC)? There are no towers in both Independence and Lone Pine. Can anybody tell me what KOBY's pattern is? They aren't audible at all in Tahoe, and that's only about 60 mi from Reno. Are there any FMers out there who know who put up the translator for KLOS in the Ridgecrest area? Its freq is around 99. Finally, speaking as a member of this club and as an officer of another club (non-DX), I agree that all but the most mundane BoD proposals should be made public before they are voted on. Arctah 3.2708526184 de MDB.

WALT BREVILLE-9127 CORAL DR. ST. LOUIS, MO 63123
 + + + + +
 Hi all. On current FCC proposals, I heartily applaud the stand of the NRC publishers that the 1-A clears should be protected. I've been amazed that any DXers want the clear channels broken up until I realized that they are part of a minority group that believes they'll gain employment-wise if this takes place, which would be at the expense of a large segment of listeners, not DXers. The protected 50 KW clears are as important today as 40-50 years ago if not more so, with many thousands of people driving on the Interstate highways. Many truckers, motorists & campers are out of range of the nearest town's stations with little or nothing to tune into except the big clears, at night. For example, truckers as far from WWL as Montana depend upon this 1-A station for their frequent weather reports covering large areas. There are potentially many areas for daytime broadcasters & minority groups to move to without breaking up the clears at all. The FCC is still considering reducing AM spacing to 9 KHz & also reducing FM spacing. There are problems with this but none that advancing technology can't solve. If this doesn't pan out, why can't these people go to low power FM? Even a 10 watt FM outlet with a well-placed tower provides coverage as good as that of a graveyard AM station at night, sometimes as good as 5 KW's at the high end of the AM band. Hundreds of flea-power FM's could spring up with the chances of any of them causing interference absolutely nil. Strong skip signals potent enough to interfere is quite rare on FM, except for occasional "trop" extension of higher-power FM signals from their normal 100 mile radius to perhaps 600 miles...these observations from intensive FM DXing I have done the past year in both city & country locations with a good rig. I'm glad Forum line limits have been liberalized... 20 lines is too short. I don't think there's much difference between DX/non-DX Musings/Forum. I've been reporting DX catches in recent past Forums just like I do in Musings. Don't forget BOTH IRCA-Peoria & NRC-St. Louis conventions, one right after the other, next Aug. 24-31! 73's.

GARY LARSON-2806 N. LINCOLN BLVD-BURBANK, CA. 91504
 + + + + +
 Got a new SC in the mail today 4/3 from KIDD 630 Monterey w/ what looks like the same mailing label KDON 1460 Salinas uses when I get their SC each week. Recently got a sample of WOTD 107 FM on tape from Neil Dickerson and I think they're really a good C&W stn. It was good to hear a Country FMer after listening to rock & BM stns. Does it ever seem that stns prgm in SS overmodulate? (No more so than the "teeny-bopper" ones-Rth). KROQ 1500 sometimes really sounds distorted. Wish the L.A. area had an AoR stn on AM plus a BM too. Last night, I was in Van Nuys and hrd a stn I thought was KGB 1360, but turned out to be KSRO 1350 (hrd on car radio). Also hrd KFAZ 1100 w/a little KRLA splatter. A good portion of the lower band in the Van Nuys area is really bad because of KMPC 710, especially at night. Wish KMPC was 5kw at night. I sometimes notice KGIL 1260 sounding very loud almost as if they're trying to push modulation to reach farther. Was in Pasadena on 4/1, and hrd KPPC 1240 which sounded like they were really pushing the modulation. Local KKTT 1230 isn't IDing as "The Kat" now and is using a different request line, (213) 520-1230. Seems KROQ 106.7 is selling T-shirts; hrd a promo for it. Neil D. has a tape of that, which I sent him. Good looking masthead on #512. 73.

RICK HEALD-1091 HAMPSHIRE STREET-SAN FRANCISCO, CA. 94110
 Tele-Forum; (415) ATwater 5-4826 to 2200 PLT and prepaid
 + + + + +
 Greetings and all that! If it looks like 2 different typewriters were used for the column, you're right. My SCM which has been sick for o/a yr is finally in the shop, and will be back for next DXM issue, no more typing late after work. No real DX to report, have spun the dials, both SW and BCB, got a 50' longwire up, but SW bands appear to be very noisy, am only a block from S.F. General, so maybe some hospital QRM. Spun the dials on 4/13 in late evening, was demonstrating to a non-DXer, noticed the clears quite good, w/some IAs poking through, but nothing to write home about. Got an updated and revised list of local ARB ratings. Top 5 are: #1-KGO 810 nx/talk, #2-KFRC 610 T/40 (home of Dr. Don Rose), #3-KCBS 740 all nx, #4-KSOL (FM) (San Mateo) Black format, #5-KOIT (FM) btfl mx. KSFX which was reported #5 last issue is #7. Some real surprises like KNBR #10, and KFRC's rival, KKA 1260 is way down the line at #19. K-101 came in at #11. And very surprisingly, my favourite, C&W KNEW 910 beat out KNBR at #9. Should you be in the Bay Area this Summer and tune in to KOIT our own Bill Moriyama occupies the evening shift there. You sound great Bill. See u in 14. Midwest (and Canada), would love to hear from more of you. 73 de Rth..

central & ridge road
 box 9001
 wichita,
 kansas
 67212
 316-722-0018



9...on your
 radio
 dial

93 AM **wizr** 105 FM
 STREET BROADCASTING CORP
 BOX 307 JOHNSTOWN, N.Y. 12095

WDMV RADIO 54

P. O. BOX 210 • POCOMOKE CITY, MARYLAND 21851

DX**Worldwide**

ELLIOT STRAUS

Editor

All times GMT/UTC
Deadline TuesdaysBox 168 Red Bank, N.J. 07701 201-736-1681, M-F 18-2200
Wed. 10-2200
ELTWe've got a huge column this week thanks to some fantastic
TP conditions the first week in April, sorry that I can't
say the same for TA conds:TRANS-ATLANTIC DX ROUNDUP (From Mark Connelly)

- 548 ALGERIA Oran 0225 Mar 31, poor-fair w/flute
mx, OM chants.
- 612 MOROCCO Sebbaa-Aioun 0226 Mar 31, poor in slop
w/AA mx.
- +0534 Apr 1, fair w/tx by YL, chants, violins
- 765 SENEGAL Dakar 0001 Mar 29, poor-fair w/OM,
YL in FF.
- 1044 MOROCCO Sebbaa-Aioun 0019 Mar 29, poor w/OM
pop vocal.
- 1206 FRANCE Bordeaux 0506 Apr 1, poor w/OM in FF.
- 1375 ST. PIERRE et MIQUELON FR3 0013 Mar 29, noted
w/piano mx at good strength, unbelievably fast
& deep auroral flutter fading.
- 1404 GUINEA Conakry 0501 Apr 1, xlnt/like a local,
w/native drumming.
- 1422 W.GERMANY Saarbrucken 0500 Apr 1, poor in slop
w/time pip, bits of tx.
- 1467 MONACO Monte Carlo TWR 0458 Apr 1, xlnt w/
children's choir, then OM in GG. many TA carrs.
noted on high end but only a few w/good audio.
- 1566 t TUNISIA Sfax 0447 Apr 1, suspected w/app. FF
tx by OM, then def. AA chants to good peaks.
somewhat dogged by CKLM splash.
- 1593 W.GERMANY Langenberg WDR 0441 Apr 1, fading
wildly from poor to good w/WUNR nulled, uptempo
Muzak.

PAN-AMERICAN DX ROUNDUP

- 555 ST. KITTS Basseterre ZIZ 0318 Mar 23, poor
w/YL ann'r & calypso-like mx, thought they had
0300 s/off? (Thomas-Fla.)
- 575 COSTA RICA San José TIRN 1005 Mar 26, WRTVH
lists 1100 s/on. (Thomas-Fla.)
- 608.8 HONDURAS R.America 0725-38 Apr 1, non-stop
marimba mx. WRTVH lists 2 HR R.Americas on
610 & in 3 different cities so I don't know
which one this is. (see 610) (Thomas-Fla.)
- 610 HONDURAS Tegucigalpa 0400 Mar 23, good w/
R.Americas ID's & "este capital" & Tegucig.
ments. Nx/tx w/shouts, no call given but
HRLP presumed. (Thomas-Fla.)
- 640 CUBA Habana CMQ 0437 Mar 26, loud w/SSOM
o/weak jumble & buzz-like het. (Portzer-La.)
- 650 DOM. REP. Sto. Dom. HIAT 0247 Mar 31, good/
dominant w/Universal jingle, then fast SS
tx. (Connelly-Ma.)
- 650 MEXICO Los Mochis XETNT 1308 Mar 25, w/ments.
of Culican. (Father Jack-Cal.)
- 655 EL SALVADOR San Salvador YSS 1005 Mar 26,
WRTVH lists 1100 s/on. not noted pre-1000.
(Thomas-Fla.)
- 660 HONDURAS Tegucigalpa to 0455 s/off Mar 23,
good level w/LV de Honduras & HRN ID but
no NA @ s/off RTH lists on 670. (Thomas-Fl.)
- 725 COSTA RICA San José TILX 0244 Mar 31, xlnt
w/OM in SS. (Connelly-Ma.)
- 730 MEXICO Mexico D.F. XEX 1143 Apr 2, assumed
the SS in CKLG null. (Portzer-Wa.)
- 760 COLOMBIA Barranquilla HJAJ 0241 Mar 31,
superloud & dominant w/SS nx & local ads.
(Connelly-Ma.)
- 760 t GUATEMALA Guat. City 0353 Mar 26, likely the
marimba mx u/WJR. (Portzer-La.)
- 774.1 COSTA RICA San José R.Uno 0745 Apr 1, w/disco
hetting UNID on 775. poor signal w/mucho
QRN. (Thomas-Fla.)
- 805 UNID/UNID 0545 Mar 23, def. 2 stns. here
w/carriers (no audio) detectable on 804,8
(a regular) & 805. One pres. is HCFV1, but
w/Yoro back on 800 don't know who the 2nd
could be. (Thomas-Fla.)

- 825 PANAMA Macaracas HOR56 0252 Mar 31, noted w/
typical pgm; live local political speech by
SS OM, atop rumble from TIOS. (Connelly-Ma.)
- 834 BELIZE RB 0200 Mar 26, loud w/messages for
people in the sticks. (Portzer-La.)
- 880 CUBA Pinar del Rio CMAF 0255 Mar 31, wreaking
havoc on WCBS w/low pitched het-growl & pgm
of weird mx. (Connelly-Ma.)
- 885 MONTSERRAT Plymouth 1015 Mar 26, poor-unread.
w/OM tx. (Thomas-Fla.)
- 900 MEXICO Mexico D.F. XEW 0400 Mar 26, loud w/
chimes & call ID o/unid SS. (Portzer-La.)
- 914 SURINAM Nieuw Nickerie 0108 Mar 30, fair w/
weird OM melodic tx. (Thomas-Fla.)
- 915 UNID 0105 Mar 30, carrier hetting Surinam
this not looped HC, but rather TG/YS/HR area.
TGKL maybe? (Thomas-Fla.)
- 985 UNID 0608 Mar 23, carrier detected here finally.
(Thomas-Fla.)
- 1035 HAITI Cap Haiten 4VEH 1044 Mar 26, fair in SS.
(Thomas-Fla.)
- 1142.2 CUBA 1041 Mar 26, jammer, strong. (Thomas-Fl.)
- 1145 HAITI 1040 Mar 26, presumed the source of weak
carrier looping Hispaniola. (Thomas-Fla.)
- 1163 HONDURAS El Paraiso HRF 1035 Mar 26, almost
good w/freq. Paraiso ID's & HRF ID. OM SS
tx. followed. (Thomas-Fla.)
- 1170 t HAITI Port-au-Prince 4VRFL 0159 Mar 31,
suspected as the FF stn. here during semi-
auroral cx. Before a def. ID could be hrd
the stn. faded into a mishmash of otr LA
carriers. (Connelly-Ma.)
- 1176 COSTA RICA Limon TIQ 1030 Mar 26, good w/
nx by SS OM. (Thomas-Fla.)
- +0156 Mar 31, to good peaks w/SS YL vocal
version of U.S. pop song. (Connelly-Ma.)
- 1200 COLOMBIA Riohacha HJZW 0139 Mar 31, xlnt
totally dom. w/festive LA mx., then R.Almirante
ID. (Connelly-Ma.)
- 1220 t CUBA 0231 Mar 31, SS ann'r w/ments. of Cuba,
garbled by domestics. (Connelly-Ma.)
- 1424.7 UNID 1027 Mar 26, fair carr. no audio.
(Thomas-Fla.)
- 1524.5 COSTA RICA Turroalba R.Columbia 1021 Mar.
26, poor w/SS OM monologue & OM choral
singing. (Thomas-Fla.)
- 1555 CAYMAN ISLDS Georgetown 0010 Mar 31, fair
w/EE radio drama in bad WFTR slop.
(Connelly-Ma.)

TRANS-PACIFIC DX ROUNDUP

- 531 AUSTRALIA Kempsey 2KM 1217 Apr 6, vy weak u/
noise w/Race results, then pop song. (Tomer-Ca.)
- 531 UNID 1129 Apr 4, fair carr. loops DU (Korinek-Wa.)
- 594 AUSTRALIA Horsham 3WV 1255 Apr 5, vy weak w/
quiet piano mx, faded, ABC nx @ 1303 recheck.
(Tomer-Ca.)
- 594 JAPAN Tokyo JOAK 1255 Apr 5, weak u/3WV w/
JJ tx. (Tomer-Ca.)
- 612 AUSTRALIA Brisbane 4QR 1120-32 Apr 3, 2 OM
w/sports commentary. (Williams-Ore.)
- +1347 Apr 6, fair w/jazz, // 702. (Tomer-Ca.)
- 612 UNID 1150 Apr 2, DU het here. (Portzer-Wa.)
- 621 AUSTRALIA Melbourne 3AR 1345 Mar 6, weak w/
opera // to 4QG 792. 6 pips @ 1400. (Tomer-Ca.)
- 639 UNID 1402 Apr 6, weak carr. hetting KFI, loops
DU, maybe 5CK. (Tomer-Ca.)
- 650 HAWAII Honolulu KORL 1300 Apr 3, w/nx, fant-
astic sig., local quality. (Williams-Or.)
- 657 AUSTRALIA Byrock 1308 Apr 5, weak w/ABC ment.
then started flute mx. (Tomer-Ca.)
- 657 NEW ZEALAND Wellington 2YC 1132-1200 s/off.
Apr 2, armchair level w/MoR. YL in s/off
ann't. @ 1158, power off 1200:08. (Korinek-Wa.)
- 666 JAPAN Osaka JOBK 1308 Apr 6, fair w/JJ tx.
(Tomer-Ca.)
- 675 AUSTRALIA Albury 2CO 1338 Apr 6, just barely
strong enough to overcome heavy KNER slop.
jazz pgm. // 702. (Tomer-Ca.)
- 675 NEW ZEALAND Christchurch 3YA 1118 Mar 29,
in fair w/typical cocktail mx. (Korinek-Wa.)
- +1148 Apr 2, poor w/mx // 1YA 756 in hy KNER
splash. (Portzer-Wa.)
- 684 AUSTRALIA Kempsey 2KP 1341 Apr 6, noted between
KNER songs w/R.1 jazz pgm. // 702. soon ruined
when KNER started mx again. (Tomer-Ca.)
- 684 UNID 1151 Apr 2, het & carrier in KNER null;
loop bearing impossible. (Portzer-Wa.)
- 693 JAPAN Tokyo JOAB 1335 Apr 6, u/XETRA slop w/
NHK-2 pgm/ (Tomer-Ca.)

702 AUSTRALIA Sydney 2BL 1144 Apr 2, good w/what sounded like drama, poss. //774. (Portzer-Wa.)
+1333 Apr 6, fair w/jazz. (Tomer-Ca.)
+1314 Apr 5, fair w/jazzy vocal. (Tomer-Ca.)

711 t FIJI Suva 0941 Apr 2, fair strength w/oriental sounding vocal & string mx; foll. by OM in lang. 1100 s/off impossible due to KIRO OC. (Hall-Patch, B.C.)

729 AUSTRALIA Adelaide 5CL 1257 Apr 5, weak w/vy quiet flute mx. fair @ 1300 w/ABC ID & 6 pips. (Tomer-Ca.)

729 UNID 1143 Apr 2, weak het in CKLG-703 null. (Portzer-Wa.)

738 AUSTRALIA Grafton 2NR 1315 Apr 5, weak w/vocal // 702, listed as different nets. (Tomer-Ca.)
+1332 Apr 6, weak u/KCBS slop w/jazz. Not so strong since its change from 700. (Tomer-Ca.)

747 JAPAN Sapporo JOIB 1047 Mar 20, poor-good w/OM in JJ. (Korinek-Wa.)

750 ALASKA Anchorage KFQD 0843-0910 Mar 21, armchair level @ times, clean ID across hour, into AP mx & wx @ 0905. (Korinek-Wa.)

756 NEW ZEALAND Auckland 1YA 1137 Apr 2, block-buster sig. w/cocktail mx. (Korinek-Wa.)
+1140 Apr 2, best sig. so far from them w/jazz mx. (Portzer-Wa.)

765 NEW ZEALAND Hastings 2ZK 1017 Apr 2, often a carrier here, but poor-fair strength audio finally noted. OM & YL tx // 657, at times equal to it. (Hall-Patch, B.C.)

765 UNID 0842 Apr 2, OM tx looping DU. prob. NZ (Portzer-Wa.)
+1205-1220 Apr 2, powerful OC here, prob. NZ (Korinek-Wa.)

774 AUSTRALIA Melbourne 3LO Apr 2, 1140 in fair as usual w/OM in accented EE. (Korinek-Wa.)
+1141 Apr 2, fair w/what sounded like a play (Portzer-Wa.)
+1317 Apr 5, fair u/strong JOUB w/EZL. (Tomer)
+1325 Apr 6, fine sig. w/Jazz. (Tomer-Ca.)

774 JAPAN Akita JOUB 1048 Mar 20, in fair // 747, 828. (Korinek-Wa.)

783 JAPAN Naha JOXR 1325 Apr 6, JJ tx & pop mx. never heard on 780 khz. due to NHK-1 QRM. (Tomer-Ca.)

792 AUSTRALIA Brisbane 4QG 1346 Apr 3, fair w/quiet piano mx // 846. (Tomer-Ca.)

792 UNID 1154 Apr 2, inst. mx, fair-poor, soon lost in 790 slop. prob. 4QG. (Portzer-Wa.)

819 AUSTRALIA Glen Innes 2GL 1402 Apr 4, w/ABC ID, s/off ann't, then NA. (Tomer-Ca.)
+1245 Apr 6, fair w/jazz. // 837, 855. No sign of 1YZ. (Tomer-Ca.)

819 JAPAN NHK-1 synchros, 1245 Apr 6, fair briefly o/2GL. (Tomer-Ca.)

819 NEW ZEALAND Rotorua 1YZ 1142-1218 Apr 2, xlt sig. w/nx to 1215 & RNZ ID into EZL. (Korinek-Wa.)
+0830 Apr 2, big signal w/OM w/"This is the Nat'l pgm & SW svc. of RNZ". into nx abt NZ trucking strike. (Hall-Patch, B.C.)
+1156 Apr 2, incredibly loud w/jazz & OM ann'r, armchair copy w/no WEAP QRM. (Portzer-Wa.)
+1402 Apr 4, fair o/2GL w/YL reading nx good sig. after 2GL s/off, EZL mx by 1405. (Tomer-Ca.)

828 AUSTRALIA Sale 3GI 1102 Mar 29, prob. source of OM in accented EE. (Korinek-Wa.)

828 JAPAN Osaka JOBB 1051 Mar 20, in fair // 747, 774. (Korinek-Wa.)
+1310 Mar 25, hrd w/fair quality. (Father Jack)
+1321 Apr 5, weak w/"Nippon Hoso Kyokai" ment. (Tomer-Ca.)

837 AUSTRALIA Rockhampton 4RK 1335 Apr 4, good sig. w/jazz. This is a good consistent Aussie stn. (Tomer-Ca.)

837 JAPAN Niigata JOQK 1250 Apr 6, w/NHK-1 pgm. (Tomer-Ca.)

846 AUSTRALIA Canberra 2CY 1340 Apr 3, weak w/quiet piano mx o/low growl hets. Pgm was // 792. another weak stn. w/piano mx was hrd underneath @ 1342. (Tomer-Ca.)

855 AUSTRALIA Maryborough/Eidsvold 4QB/4QO, ABC 3 synchros fair w/quiet jazz. // to 891. (Tomer-Ca.)

855 UNID 1245 Apr 6, weak oriental sounding tx; is HLKN on this freq? (Tomer-Ca.)

864 PAPUA NEW GUINEA Madang first suspected w/anthem @ 1400 s/off Apr 3, then nailed during good fade up 1330-1335 Apr 5. Has pop mx & EE ann'r, same bdst as the easily hrd Nat'l

pgm on 4890 khz. SW. sig. generally poor both mornings, but with only 2kw. travelling 6,000 miles, I rate this a thrilling catch! (Tomer-Ca.)

873 AUSTRALIA Sydney 2GB 1318 Apr 6, assumed the source of tele-talk show. (Tomer-Ca.)

873 UNID 1010 Apr 2, noted weak-fair w/mx. poss. 2GB? (Korinek-Wa.)

882 AUSTRALIA Brisbane 4EH 1110 Mar 29, YL in accented EE. (Korinek-Wa.)
+1335 Apr 3, fair w/EZL mx. (Tomer-Ca.)

882 NEW ZEALAND Auckland 1YC 0927-30 Apr 1, cl. singing. (Williams-Or.)
+0829 Apr 2, assumed the one w/weak OM tx, this was apparently my UNID Asian of a couple of months ago... the het I hrd looped perfectly for the null of KJR-950, their slop extends this far down & usually wipes out audio from this one except when the loop is pointed WNW-ESE. It's a good thing I live 8 miles from the KJR xr or I'd really have probs. (Portzer)

891 AUSTRALIA Adelaide 5AN 1335 Apr 3, good sig. w/jazz piano. this & 882 are good bets for Austr. (Tomer-Ca.) (I'm trying Randy but don't hold your breath-ed.)

891 FIJI Lautoka 1108 Mar 29, fair w/app. NA & s/off. (Korinek-Wa.)
+0832 Apr 2, EE ann'r OM then OM/YL in either Hindi/Fijian. (Williams-Or.)

945 JAPAN NHK-1 synchros 1355 Apr 5, weak w/JJ tx & mx. (Tomer-Ca.)

954 JAPAN Tokyo JOXR 1358 Apr 5, fair w/JJ commercial. (Tomer-Ca.)

1008 NEW ZEALAND Tauranga 1ZD 1013-1130 Apr 2, fair-good w/OM in acc. EE tx. nx @ 1102. (Korinek-Wa.)
+1130-1300 Apr 2, pop mx, good-nll various times. audible even w/KOMO TT. (Portzer)
+0939-1012 Apr 3, rock & pop mx. TC @ 1000 then nx, wx rpt @ 1003. (Williams-Or.)

1017 TONGA Nuku'Alofa A3Z 0904; 1002-07 Mar 26, in fair w/OM in vern. & mx. noted app. ABC nx @ 1002 & wx @ 1005. xmtr off @ 1006. (Korinek-Wa.)
+0846 Apr 2, Isl type mx. (Williams-Or.)
+0853 Apr 2, likely the slow folksy vocal mx looping DU. (Portzer-Wa.)

1026 AUSTRALIA Mackay 4MK 0752 Apr 2, briefly o/VQO w/temp. in Mackay given after a rock song. (Tomer-Ca.)

1026 SOLOMON ISLANDS Honiara VQO 0750 Apr 2, great sig. w/local EE nx @ 0750, commercial spot 0753, EE pop song follows. (Tomer-Ca.)
+1033 Apr 2, fair-good w/YL in vern. & polynesian mx. (Korinek-Wa.)
+0923-33 Apr 3, OM in EE w/variety of mx. poss. another stn. on freq. loops DU. (Williams-Or.)

1026 UNIDS 1140 Apr 2, rapid SAH from 2 stns. too late for VQO, so prob. Aussie(s) or NZ. (Portzer-Wa.)

1035 NEW ZEALAND Wellington 2ZB 0855, 1200 Apr 2, good-poor w/pop mx. no pips hrd @ 1200. (Portzer-Wa.)
+0819 Apr 2, phone show w/poss. vacation trip as prize. spot for travel agents. (Williams)
+1110 Apr 2, in fair w/OM in EE & country mx. (Korinek-Wa.)

1044 NEW ZEALAND Dunedin 4ZB 0855 Apr 2, OM tx & Bee Gees record. // 2ZB-1035 good carr. fair audio on peaks. Fading patterns on this stn. were independent of those on 1035. no pips hrd 0900. (Portzer-Wa.)
+1148 Apr 2, in fair w/country rock mx, poss. // 1035, 1008. (Korinek-Wa.)
+1027 Apr 3, rock/pop format to local news & fade out. (Williams-Or.)

1053 JAPAN Nagoya JOAR tent. 1240 Mar 25, w/YL JJ vocal. (Father Jack-Ca.)
+1343 Apr 4, weak w/JJ tx, then pop instr. (Tomer-Ca.)
+1153 Apr 6, fair w/2 OM tx in JJ. (Tomer)

1053 t NEW ZEALAND New Plymouth 2ZP 1114 Apr 2, prob. the one in fair w/country mx. won't swear to the cntry mx tho. (Korinek-Wa.)

1053 UNID 1128 Apr 2, carrier/audio looping DU, quickly buried in CFNC-1060 slop. (Portzer)

1098 UNID 1028 Apr 2, carr. & searing het but too much 1100 slop, loops DU. (Korinek-Wa.)
+1202 Apr 2, het on KFAX-1100 time & loop bear. favor NZ over WSZO. (Portzer-Wa.)
+1030 Apr 3, fair het loops DU, could not pull any audio, I know what I would like it to be. (Williams-Or.)

- 1134 JAPAN Tokyo JOQR 1149 Apr 6, pop mx & chatter. (Tomer-Ca.)
- 1179 JAPAN Osaka JOOR 1148 Apr 6, weak w/YL tx. (Tomer-Ca.)
- 1206 UNID 1248 Apr 5, weak DU w/Anne Murray song, (Tomer-Ca.)
- 1224 UNID 1236 Apr 6, good carrier. (Tomer-Ca.)
- 1233 UNID 1245 Apr 5, weak JJ tx by YL, 2 stns. listed in Pacific log. (Tomer-Ca.)
- 1242 JAPAN Tokyo JOLF 1335 Apr 4, likely the stn. putting a strong het against 1240. weak JJ sounding tx hrd u/1240 slop. (Tomer-Ca.)
- +1143 Apr 6, weak w/JJ tx. (Tomer-Ca.)
- 1475 SABAH Sandakan R.Malaysia 1235 Apr 6, fair w/pop mx. I guess even local KRED going AN won't stop this one. (Tomer-Ca.)
- 1476 t NEW ZEALAND Auckland 1XA R.Hauraki 1206-1230 Apr 2, surely the one w/rock mx, looping DU through slop. Possible YL ann't @1211. Pacific log shows all other DU's off or w/low power at this time & 1XA listed as NSP w/rock mx, so app. them by process of elimination. (Portzer-Wa.) (As someone once said-'When you have eliminated the impossible, whatever remains, no matter how improbable must be the truth'-ed.)
- 1476 UNID 1048 Apr 2, bits & pieces of audio. seemed to loop more towards NZ than Aus. prob. 1XA over 4ZR. (Korinek-Wa.)
- 1503 JAPAN Akita JOUK 1240 Apr 6, fair w/JJ tx. (Tomer-Ca.)
- 1566 S.KOREA Cheju HLDA 1300 Mar 25, YL in KK, rel. sounding mx, 1300 ID, local quality. (Father Jack-Ca.)
- +1338 Apr 5, fair w/KK rel. pgm. (Tomer-Ca.)

Almost 5 pages of typing just for the TP column. That definitely was the week that was for DU's. I should have such a week for TA's here. Everybody reported the excellent conditions from the WC. It's amazing how many of the guys were tuned to the same stns. at the same times, and I thought the season was winding down! Keep it coming guys, maybe some of you east-coast guys will take a lesson from our WC brothers and get on the stick and not leave TA & PA to Mark & Gerry, that goes for myself too.

CONTRIBUTORS

- Mark CONNELLY 52 Amsden St. Arlington, Ma. 02174 R-390A, MW-1
- Nick HALL-PATCH 3272 Alder St. Victoria, B.C. V8X 1P2 transmog. HRO, FET loop
- Dave KORINEK 420 N. 200 st. Seattle, Wa. 98133 SPR-4/R-388, MW-1
- Father Jack PEJZA somewhere in California (lost address) SPR-4, Sanserino loop
- Bruce PORTZER on the road in New Orleans (La.) +6546 19th Ave. Seattle, Wa. 98115 HQ-180A, 4' box loop
- Gerry THOMAS 2355 W.Mich. Ave. Pensacola, Fl. 32506 FRG-7 dig.r/o, box loop
- Randy TOMER Ex 2674 McKinleyville, Ca. 95521 HQ-180A, FRG-7, 670' mini-bev.
- Dave WILLIAMS Astoria, Ore. SPR-4, MW-1, 360' LW
- Elliot STRAUS 27 Devon Dr. W.Orange, N.J. 07052 R-390A, FET loop

VERIES:

- 594et al JAPAN Tokyo, JOAK packet of NHK/R.Japan literature & v/q's for JOAK, JOAB-693, JOIB-747, JOUB-774, & JOLB-1017. My report covered all 5 stns & was sent to NHK HQ in Tokyo. 2 1/2 months. (Portzer-Wa.)
- 670 ALASKA Dillingham KDLG sent friendly v/1 from Les Robinson S.M. who said that because of their remote location most of the stn employees are DXers. Also enclosed brochure about stn. (Portzer-Wa.)
- 1188 JAPAN Kitami JOKP v/q & literature from NHK HQ in Tokyo. took 2 weeks. oddly enough it arrived the same day as the packet from JOAK etc. (Portzer-Wa.)

WHEW!

Special Features

 Matthew Shugart
 12561 Groveview
 Garden Grove CA
 92640

The following article was submitted by Greg Monti. Judging from reports to the bulletin at the time when KWK returned to the air, this is a subject of considerable interest, so here is a very good article from Greg. Thanks, Greg!

NEW KWK-1380 USES COMPLEX TRANSMITTER ARRANGEMENT

KWK-1380, St. Louis, Mo., a top-40 station which recently returned to the air and is being heard by Midwest DXers, has an interesting history and technical operation. In 1973 under a previous owner the Mississippi River carried off the KWK transmitter during a flood. The transmitter was located on an island in the river itself. The owner went bankrupt and the station remained off the air for five years. In 1977 Doubleday, owner of such other top-40 stations as KHOW and KDWB, purchased the station and decided to rebuild it. Everything would have to be started from scratch.

A major problem was providing the required daytime and nighttime protection contours without sacrificing service to St. Louis itself. The previous owner had operated the island transmitter with two separate patterns, one for day and one for night, but but this provided poor night coverage in southern sections of the city due to a required null in the pattern in that direction. Doubleday's consultants recommended a two-site system.

The island location was to be used as the daytime site, and a new transmitter was constructed there. Hopefully to prevent the catastrophe that befell the old transmitter, the new one was built on a twenty foot steel platform which is supposedly high enough and braced well enough to withstand future floods. Copper ground radials, which are used at all (or virtually all) AM sites to provide better groundwave propagation, were welded to the steel platform. This presented another problem: the corrosion that would occur between the steel and the copper owing to the electrolysis effect of having them placed in the same, dirty water. Corrosion would not only lessen coverage, but also might weaken the platform. To counteract this, KWK ran a small DC voltage through the platform obviates the natural corrosion process. The island site is equipped with a 5 kw main transmitter plus a 1 kw auxiliary unit.

To provide good city nighttime coverage along with the required southern pattern null, another transmitter site was built on the south side of St. Louis. The city lies in the main lobe to the north. The southern site is equipped with two identical 1 kw transmitters, one for backup, thus providing a total of four brand-new transmitters, any one of which can be used in an emergency.

Instead of using phone lines to send the KWK program to the transmitters, a microwave studio-to-transmitter link (STL) system was used. The signal leaves the studio and is beamed to a relay point atop a tall building in the city. From there, two more beams can reach the two transmitter sites. Ordinarily the signal would arrive at the relay point on one frequency and leave on a different one, but the microwave frequencies can be duplicated or reversed, thus providing a backup system. The remote control for the transmitters is also relayed from the studio by the STL system. It is a digital control system which is especially designed and interlocked so that only one of the AM transmitters can be on the air at a time. This not only prevents confusion and carrier overlap at sunrise and sunset, but also allows KWK to hire lesser-grade operators.

KWK's studio plant is no slouch either. All the equipment is stereo. Even the cartridges on which the songs are recorded are done in stereo so there will be no scramble to convert to stereo when AM stereo arrives. KWK's 24 hour-a-day top 40 programming has been on the air since December (earliest reports are from late November), often ID-ing as "13.8, KWK."

Major source for this story: Broadcast Management/Engineering, Dec., 1978. Also Radio and Records.

CAPE COD GROUNDWAVE SURVEY

by
Mark Connelly
7 Trowbridge Path
West Yarmouth, MA 02673

Cape Cod, the eastern extension of the state of Massachusetts, has long been known as a prime DX location because of water-paths in every direction. Many people visit this summer resort famed for its beaches, dunes, and pine woods. Many come to enjoy the excellent seafood; sailing and fishing are popular here. Among the horde of vacationers are DX-ers who come to experience a variety of DX unknown at their inland home locations. At night, LA and TA DX boom in, vying with domestics which are seldom challenged at inland sites. My recent Forums cover the nighttime aspect of Cape Cod DX. DXWW reports from my monthly trips to Cape Cod add further updated data. As summer approaches, the need for a daytime analysis becomes apparent; this will prepare the visiting DX-er with a working plan. Some coastal groundwave studies recently published include Mike Levintov's Cape Hatteras report and my Nova Scotia report in DX News and Charles Taylor's Bermuda survey in DX Monitor. Cape Cod offers regular daytime reception of stations from Virginia to Nova Scotia. On a Beverage antenna the groundwave range might cover the entire Eastern seaboard; Newfoundland to Cuba. Now, the DX:

540 to 590 kHz.
540 WLIJ o/WDMV 550 WGNG o/CFNB, both o/WDEV
560 WGAN strong/way o/WHYN/WPIL 570 WMCA, way o/
CJEM 580 WTAG o/CHLC 590 WBEI

600 to 690 kHz
600 WICC/WFST 610 WGIR o/WIP, both o/CHNC
620 WLBZ/WVNJ o/WVMT 630 WPRO way o/CFCY
640 weak Nova Scotia LPRT's 660 WNBC loud
680 WRKO strong; CFDR might be possible in
tight null (Orleans area) 690 CBF o/WADS

700 to 790 kHz
710 WOR good 730 WJTO o/WACE 740 WCAS/WGSM
750 WHEB way o/WRMD 760 residual WJR skip
770 WABC 780 weak WABS 790 WEAN o/WTAR o/WRUM

800 to 890 kHz
800 WCCM o/WTMR, both o/CHRC 810 WGY o/WYRE/CJVA
830 WNYC fair 840 WRYM poor 850 WHDH strong-WRAP
possible in tight null on Martha's Vineyard
860 CBH/WTEL both weak 880 WCBS loud

900 to 990 kHz
900 WKXA o/WOTW both o/WJWL 910 WABI o/WRCQ
920 WJAR way o/CJCH 930 WNNH o/CFCB/WPAT 940 CBM
weak 950 WROL strong 960 jumble w/CHNS/WFGL/WELI/
WBOC 970 WGSB loud o/WWDJ 980 WCAO o/WSUB
990 WLKW good o/WZZD/WNTY/Nova Scotia LPRT's

1000 to 1090 kHz
1000 CKBW/WLMS, both weak 1010 WINS loud
1020 trace of KDKA 1030 WBT strong 1050 WHN
good, way o/WBNC 1060 WGTR o/CJRP/KYW 1070 CBA
o/WKMB/WKDR, all weak 1080 WTIC fair 1090 WILD
loud, way o/WBAL/CHRS

1100 to 1190 kHz
1100 WHLI fair 1110 WHIM/WVNH 1120 WUST in noise
1130 WNEW good 1140 CJTR o/possible WRVA/CBI/Nova
Scotia LPRT's, all weak 1150 WHUE o/CHSJ-both o/
WSKW/WCNX/WDEL 1170 WVLC local-way o/WJMQ/WHLW
1180 trace of WHAM 1190 WLIB/WKOX-both o/CHTN/WANN

1200 to 1290 kHz
1210 WCAU weak 1220 WSME o/WRIB-both o/WOMN/CKCW/
others 1230 WESX good o/WERI 1240 WOGB local; if
WOGB off: WCOU/WGBB/WWON/others 1250 WKBR/WGUY
1260 WEZE good-well o/CIHI/WMMM 1270 WTSN o/WSPR/
CJCE/WOKT 1280 WABK/WADO o/WEIM 1290 WICE o/WGLI/
WKNE

1300 to 1390 kHz
1300 WJDA o/WAVZ 1310 WLOB o/WICH/WORC/WGH
1320 WARA way o/WATR 1330 WHET o/WEVD 1340 WNBH/
WMID o/WFAU/WGAW/CJLS/WNHC 1350 WLNH fair o/WHWH/
WNLK/WHNE/others 1360 WNSR good-way o/WDRG
1370 WFEA/WKFD/WDEA/WALK 1380 WBBX/WBNX
1390 WPLM o/WRIV

1400 to 1490 kHz
1400 WIDE/WOND/WALE/WLLH o/WMCS 1410 WOKW o/WPOP,
both o/WDOV/WHTG 1420 WBSM good o/WASR-both o/
WLIS/CKDY 1430 WXKS good-well o/WNJR 1440 WJBQ
o/WFTQ, both way o/WNYG/WBIS 1450 WFPG/WRKD o/
WKRI/WKXL 1460 WBET way o/WPRW/WVOX/others
1470 WBNP way o/WLAM, both way o/WSRO/WMMW
1480 WSAR way o/WJIT 1490 WPOR/WUSS o/WHAV

1500 to 1600 kHz

1500 WFIF poor to fair 1510 WITS o/WNLC
1520 WTHE/WIBG both weak 1530 WPNO/WDJZ o/WORR/
others 1540 WADK/WKXR 1550 WNTN o/WVAB/WMLB
1560 WQXR fair 1570 WMLD o/WRCM-both o/WPEP/
residual CKLM skywave 1580 WYFA poor 1590 WARV
o/WSMN/WQQW 1600 WUNR o/WLNG-both o/WWRL

Suggested Beverage DXpeditions for those of you with a lot of wire and good portable DX gear: From the Southward-facing beaches (Falmouth to Chatham, and also the south side of Martha's Vineyard), try for WGTO-540, CMQ-640, WAPE-690, CMGN-720, WCPS-760, WHNC-890, ZFB-960, WRAR/WRNJ-1000, and V.O.A.-1180. These and other stations far to the south may be audible on groundwave. Check for African, eastern South American, and Caribbean early on skip about an hour or so before local sunset. The international DX will have little domestic QRM for an hour or two if conditions are reasonably good. From eastward-facing beaches (Chatham to Provincetown) you should DX the Canada Maritime provinces during the day (CBN-640 and numerous LPRT's are good targets.) Pre-sunset beverage reception of both Canadians and early-skip TA's should provide many interesting and unique catches.

One last note: DXing too close to either maritime CW station WCC in Chatham or the LORAN station in Nantucket may generate undesired spurs in the receiver.

Now, let's see those reports from summer visitors to Cape Cod!

MORE POWER TO SOUTHERN CALIFORNIA!

It now appears that two southern California broadcasters will get their wishes: KWIZ-1480, an increase in nighttime power, and KTYM-1460, a full-time station. Originally it had appeared the two applications would be, in FCC terms, mutually exclusive. That is, only one, but not both, applications could be granted as submitted with a competitive hearing to determine which should be granted. KWIZ, currently 1 kw-night from Santa Ana, had wanted to increase its nighttime power to 5 kw. KTYM, however, which is currently 5 kw-DA, daytime-only, saw this as a last chance to go fulltime. It would be now or never: the close separation of the two stations (20 kHz and, geographically, only about 7 miles) would prevent KTYM ever adding nighttime operation with KWIZ operating as proposed, so they filed an application for 500 watts-DA, nights. The FCC designated the two applications as mutually exclusive; however, before a hearing was set, the engineers of the two stations reached an agreement. KWIZ would alter its proposed nighttime operation by using a new DA to protect KTYM if KWIZ could be assured of no interference from KTYM. KWIZ also withdrew a request for a new daytime DA, KTYM fearing their already very limited coverage would be further curtailed by the new DA. According to one of KWIZ's engineers, KWIZ had good bargaining power, being a much older station, and this leverage was what enabled them to apparently obtain the increase. (KTYM would very likely have won the hearing, being a daytimer in a highly competitive market; KWIZ already has quite good coverage at night.) The proposals are expected to get final approval soon. Watch Broadcasting Info for more.

The above article was based on information contained in various issues of Broadcasting in the "For the Record" section (non-copyrighted), the FCC release on the matter, and a phone conversation with one of KWIZ's engineers.) -- Matthew Shugart.



P. O. BOX 1318

MELBOURNE, FLORIDA 32935

IRCA SPORTS NETWORK UPDATER
Bill Hardy, Editor

► NBA basketball playoffs. An ad on the Mutual Network says Mutual will carry "a maximum of 18 NBA playoff games," including all games of the championship series.

► NASL soccer. Mutual is also carrying North American Soccer League action each Saturday. Here are some changes to the NASL station list that appeared on p. 528, 6/10/78 DXM:

ATLANTA CHIEFS (new franchise) ... WGST-920.
CARIBOUS OF COLORADO ... DELETE this team.
DETROIT EXPRESS ... 15 games will be on WJR-760; 10 games (probably those in conflict with WJR's Tiger baseball) will be on WPON-1460 Pontiac MI (home of the Silverdome, where the team plays), with the same announcer as on WJR.
EDMONTON DRILLERS (new franchise) ... no info yet.
OAKLAND STOMPERS ... DELETE this team.
ROCHESTER LANGERS ... move to WWVG-1460.
SAN JOSE EARTHQUAKES ... add two FM's to KXRX-1500 net. (KXRX picked up A's baseball at the last minute, so there may be conflicts.) ALSO, the Earthquakes games will be heard in Spanish on KNTA-1430.
SEATTLE SOUNDERS ... move to KOMO-1000, and add a net: KITN-920, KEDO-1400, KBRC-1430, all WA.
TAMPA BAY ROWDIES ... for those who missed it, delete all stations except WTRS-920 and WFLA-970 from last year's list.
TORONTO BLIZZARD ... name change from Toronto Metros. No info on any radio coverage yet.
WASHINGTON DIPLOMATS ... WTOP-1500 remains the main outlet; games in conflict with other WTOP sports (including Wash. Bullets NBA playoffs and Baltimore Orioles baseball) will be heard on WEEL-1310 Fairfax, VA.

I should be obtaining the "official" 1979 list from the NASL soon; it will appear in the IRCA Almanac. Names of play-by-play announcers will appear also, if everyone will drop me a postcard with the names of the soccer announcers on your team's station!
--Bill Hardy, 2301 Pacific Ave., Aberdeen, WA, 98520

► NHL/WHA merger. North America's two major hockey leagues will be merged for the 1979-80 season. The National Hockey League's Board of Governors voted 14-3 to accept new franchises in Edmonton, New England, Quebec, and Winnipeg -- four of the six cities now in the World Hockey Association. The other two WHA franchises, Birmingham and Cincinnati, will be defunct at the end of this season. (The Indianapolis franchise had already folded in mid-season.)

The NHL's Board of Governors had voted 12-5 against merger in mid-March before reversing itself 16 days later. So, if you had heard that the merger was off and are now surprised, that's what happened.

► Minor-league baseball. Kenn Carr has agreed to handle information on baseball broadcasts other than the two major leagues. If you'd like a copy of this listing, please send an SASE to Kenn at his office:

Kenn Carr
Grambling, Mounce, Sims, Galatzan & Harris
P.O. Drawer 1977
El Paso, TX, 79950

Please also send Kenn any minor-league baseball broadcasts you're hearing in your area. Thanks!

► More major-league baseball. Late additions to the listing on p. 359, 3/17/79 DXM. These are condensed to save DXM space. Look for the full 1979 listings in the IRCA Almanac!

Two major points first:

- BALTIMORE ... I goofed ... flagship is WFBR-1300, as reported on p. 224 of 1/13/79 DXM, not WGBM-680 as listed in two places on p. 359 of the 3/17 DXM. Please correct the errors in the 3/17 listing.
- OAKLAND ... flagship is KXRX-1500 San Jose. And now, other changes to the 1978 listings.

American League

BALTIMORE ORIOLES ... DELETE: 550-WSVA, 970-WAMD, 1090-WBAL (former flagship), 1230-WBBI+, 1390-WEAM, 1460-WEMD+, 1490-WOPI/WVEC.
DELETE "+": 930-WFMD, 1460-WRAD.
CHANGE: 1330 WASA-MD+ (& is daytimer with CP to go fulltime, which WASA is now).
ADD NEW STATIONS: 610 WIOD-FL (also on Boston & Yankees nets), 1000 WKDE-VA*+, 1230 WFVA-VA+, 1300 WFBR-MD, 1350 WZIX-PA, 1410 WRIS-VA*+, 1440 WKLV-VA*+, 1500 WTOP-DC, 1550 WXVA-WY*+.
Note that not all games are carried on all stns.

BOSTON RED SOX ... two additional stations to add for 1979: 1300 WPNH-NH*+, and 1340 WDMB-ME.

CALIFORNIA ANGELS ... drop Dick Enberg from announcers (he moves to TV).

DELETE: 970-KGHV, 1400-KVOY, 1560-KPMC.
ADD "+": 1340-KDOL+.

CHANGE: 970-KNUU* to "day games only."

ADD NEW STATIONS: 580 KJM-CA, 1010 KCMJ-CA, 1230 KGAM-CA.

KANSAS CITY ROYALS ... DELETE: 1290-KALM*, 1300-KMNO*+, 1450 WMBH-MO.

TYPO CORRECTION (and add "+"): 1530 KMAM-MO*+.

ADD "+": 1360-KOYY*+, 1390-KNCK*+, 1440-KCHE*+, 1460-KKOY*+.

ADD NEW STATIONS: 960 KMA-IA, 1010 KCHI-MO*+, 1150 KSAL-KS, 1260 KGBX-MO, 1360 KSCJ-IA, 1450 KLTX-NM, 1540 KLKC-KS*+, 1570 KLEX-MO*+, 1570 KVRA-SD*+.

NEW YORK YANKEES ... DELETE: 1000-WHWH*, 1250-WDAE, 1340-WNHC/WSEB, 1470-WMMW*, 1490-WNUS.

Delete the note re WHLM-550 & WHPN-950; both are listed for 1979.

SPECIAL: 1270 WDLA-NY* will air day games on AM and night games on its FM.

CONFLICTING INFO: Rochester NY is listed as "WSAY-1280" -- problem is, WSAY is on 1370; WROC-1280 had the Yankees in 1978. What's the correct info?

ADD NEW STATIONS: 570 WSYR-NY, 580 WDBO-FL, 620 WSUN-FL, 690 WADS-CT*, 920 WTTM-NJ, 970 WCSH-ME, 1080 KTOE-HI (1), 1200 WOAI-TX, 1340 WWPA-PA & WHAP-VA, 1370 WELV-NY*, 1420 KPFL-IA, 1490 WKNY-NY, 1600 WIXY-MA& (& = daytime w/CP to go fulltime).

OAKLAND A's ... New flagship: 1500 KXRX San Jose CA. No network so far although they give "network" station breaks. Announcers are Red Russ (?) and Hal Ramey (?); I could have those wrong since KXRX gets heavy CKAY QRM here at night. Thanks to Pete Taylor and Robert Wien for this tip!!

TEXAS RANGERS ... here's the full 1979 list:

590 KLBJ-TX, 710 KGNC-TX, 790 KFYO-TX, 820 WBAP-TX, 1010 KLRA-AR, 1150 KNED-OK, 1300 KXXO-OK, 1340 KWKC-TX & KPDN-TX, 1380 KBOP-TX*, 1490 KBIX-OK.

National League

LOS ANGELES DODGERS ... from station monitoring, DELETE 1230 KGEE, and ADD 1560 KPMC-CA.

MONTREAL EXPOS ... from Mike Brooker, 1350-CKLB has changed calls to CKAR, and has changed formats from MOR to rock, and did not carry any 1979 Expos exhibition games so may have discarded the broadcasts (although CKLB is listed for 1979).

ST. LOUIS CARDINALS ... thanks to Doug Beard, John Clemmer, and some others whose names I lost (sorry), here are some stations carrying Cardinal baseball in 1978 and/or 1979:

740 WVLN-IL*, 910 WAKO-IL*, 930 WTAD-IL, 960 KFVS-MO, 990 KAYL-IA*+, 1070 KILR-IA*, 1090 WCRA-IL*, 1120 KMOX-MO, 1230 WJBC-IL, 1240 WEBQ-IL & WTAX-IL & KBIZ-IA, 1340 WSOY-IL, 1360 KFFA-AR, 1400 WDWS-IL & KVFD-IA, 1470 WMBD-IL, 1490 WDAN-IL, 1500 WGEN-IL*, 1520 KSIB-IA* (tentative), 1560 WPAD-KY.

Cardinals are NOT on these stations in 1979, which have carried them in the past: 800-KXIC-IA*+, 920 KFNF-IA (now KYFR & 100% religion), 1060 WRHL-IL*, 1310 KOKX-IA, 1400 WGIL-IL.
Please send any corrections, additions, etc. to Bill Hardy as soon as possible! Thanks.

SAN DIEGO PADRES ... English network is 760 KFMB-CA and 1400 KVOY-AZ only (not KICO-1490). Spanish broadcasts on 1420 XEXX-Mexico are announced by Gustavo Lopez & Mario Thomas.

SAN FRANCISCO GIANTS ... were broadcast on opening day (4/4) over KHVH-990 Honolulu HI, and KCKY-1150 Coolidge AZ. This may have been just a one-day thing, per David Jackson who heard the announcement, but the 1978 Golden West Network for the Giants (flagged by KSFO-560) included both KHVH & KCKY, so who knows for sure?

Acknowledgements not included above will be in the IRCA Almanac (an incentive for sales! hi). Any further updtings will appear in future DXM's!--BH.



WRKO
RKO GENERAL BUILDING
GOVERNMENT CENTER
BOSTON, MASSACHUSETTS 02114



the irca technical column

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

A while ago, I mentioned a couple of commercially available crystal calibrators which produced various frequency markers so that you could "spot" your DX down to the nearest 10 or even 5 kHz if your receiver dial wasn't good enough for such accurate readout. Well, in the March 1979 issue of Popular Electronics, on page 74, is a circuit for a crystal calibrator which provides markers every 100, 50, 20 or 10 kHz using a fairly simple circuit. An inexpensive source for the 100 kHz crystal necessary is Jan Crystals, 2400 Crystal Drive, Ft. Myers, FL 33907. They have them for \$4.50.

However, you wouldn't need a calibrator with markers every 10 kHz if your receiver had a digital readout. It's only in the last couple of years that reasonably priced receivers have been manufactured with these readouts, but it is possible to add a digital display to a receiver which is otherwise satisfactory, but has a poorly defined tuning dial. Radio West has been adding readouts to various receivers for a while now and offer readout modifications for the DX 150/160, various Hammurunds, the FRG-7 and others.

I added a KRS DD-2 display sold by Radio West to my set-up (an HR0 and a DX150A) a few months ago. The device is in a small flat box, approximately 6"x6"x2", with a 5-digit readout of 5/16" high LEDs. It gives me accurate readout to one kilohertz, previously possible only by referring to interpolation charts and tables. This accuracy has been very useful in logging the new 9 kHz plan TPs, as I know at a glance what frequency I'm on. The only inconvenience I found is that the display shows a steady digit in the last column only if I'm tuned right on frequency. In other words, if I was a hundred hertz detuned above say 1017 kHz, the display flickers between 1017 and 1018. Although disconcerting at first, I seem to have gotten used to this, and by zero-beating the carrier from my 455 kHz crystal BFO, I get accurate readings.

There is a slight problem with some interference generated by the display. With the BFO on, a very faint gurgling sound like RTTY gone mad is noted on a few frequencies below 1000 kHz if I'm using my loop. This sound can hardly be mistaken for a BCB carrier, so has not been problematical for me. The display can easily be switched off if there is any interference with a desired signal.

Incidentally, if you need accurate readout on the highest shortwave band of receivers like the DX150/160 series, you will need the DD-2S readout. I will have to modify my DD-2 to read properly on the high band.

There are two KRS readouts for the FRG-7. One is the DD-1, a 3 digit display which reads to the nearest kilohertz (you read megahertz off the MHz tuning drum on the receiver), while the other, the DD-1-4D, is a four digit display with .1 kHz accuracy. Gerry Thomas obtained the four-digit display along with the Radio West 455 kHz BFO. He got a kit, rather than send his receiver away for modification, and found "installation easy and the instructions fairly clear". The four-digit display can also give readout to 1 kilohertz accuracy at the flick of a switch. Gerry says "One thing that is a little confusing with my four-digit model is the 3-position toggle switch--the "up" position which is labelled "ON" is really the 4 digit mode; the "center" position which is unlabelled is really "OFF"; and the "down" position which is labelled "OFF" is really the 3-digit mode--only confusing the first time you use it though". He observes that "the counter "rounds down" so that, for example, 974.9 kHz in the 4-digit mode reads 974 kHz in the 3-digit mode instead of 975. Presumably, this is also true with the tenths digit with a reading of 974.9 actually being anywhere from 974.90 to 974.99 but this is a matter of minor concern since, even with the BFO, 100 Hz resolution is a touchy proposition (but easily attainable with a little care and practice in tuning)".

It is all very well to have a readout which will give you .1 kHz accuracy, but one needs some way of centering the carrier of the desired station in the receiver's IF passband in order to get the best possible accuracy. Gerry writes "One of the questions I had before ordering the digital readout was whether or not I really needed the crystal BFO in order to realize the 100 Hz resolution of the unit. It seemed possible that with my fairly narrow IF filters (especially the peaked passband ceramic) I could center the carrier pretty accurately. Also, it seemed conceivable that I could use the USB or LSB BFO's and then simply add or subtract the amount that the BFO's were displaced from 455 kHz from the displayed frequency. Well, the closest I've been able to get using the IF filter method of centering is \pm 200 Hz. The USB and LSB BFO idea was

Page 418...April 21, 1979

unuseable because these BFO's were inaccurately set--a fact you wouldn't know without having a method of precisely centering the carrier). In short, the 455 kHz BFO is almost mandatory for 100 Hz resolution and is very helpful in detecting carriers in a straightforward manner." Gerry also noticed some interference on BCB from the LEDs in the readout as I did, but hasn't been overly inconvenienced by it.

Displays are still not cheap however...Radio West's are in the \$140 to \$165 range, and their 455 kHz BFO is \$45. If you are reasonably skilled, a crystal BFO should not be that much of a problem to build however. Or use International Crystal's (10 North Lee, Oklahoma City, OK 73102) OT-12 crystal oscillator with a 455 kHz crystal. Radio West's prices do include installation in the receiver. Anyway, I have to agree with Gerry when he says he doesn't know how he got along without his digital readout...Others may call us lazy, hi.

* * * *

Gerry also adds a couple of further comments on the "Shotgun" TRF loop. He feels that there are instances where the Shotgun has "almost too much gain", as he has found the front end of his TRF's were occasionally overloaded by all the signal the loop provided. And he backs up the contention (made by Radio West as well) that this shouldn't really be used as a coupler for a long antenna. Gerry found that 145' of wire made the TRF/Shotgun combo "unuseable". He suggests that some way of decoupling the Shotgun from the TRF (as in the Thomas/Barfield "T-bar tuner") would allow longwire coupling, as well as allowing increased loop selectivity when using the Shotgun alone adjacent to strong local channels. He adds, however, that "all in all, I like it".

* * * *

Does anyone use a GAR-7 readout from Gilfer Associates for their FRG-7? Or does anyone have the Gilfer ceramic ladder filter selectivity modification on their FRG-7 or FRG-7000? Comments would be appreciated. Any word on the Panasonic RF-2900 or RF-4900? Are they any improvement over the RF-2800 or 4800--other than green instead of red digital displays? Well, that's it for this time. Hope to have some transmogification details for the DX150A and B receivers next time. If anybody could send me a photocopy of certain pages from the DX160 service manual, I could see if the transmogs are applicable to the more recent receiver. Write me if you have such a manual. Thanks and 73.... Nick

KRLA license bid rejected by FCC

DAVE BROWNE

WASHINGTON (AP) — An effort by five broadcast groups to jointly obtain the license for radio station KRLA in Pasadena has been turned down by the Federal Communications Commission, it announced Friday.

The commission met to decide whether there has been a bona fide merger of the five to serve the Los Angeles-Long Beach area on the channel, 1110 AM.

Mutually exclusive applications were filed by Goodson-Todman Broadcasting, Inc., Voice in Pasadena, Inc., Western Broadcasting Corp. and Pasadena Broadcasting Co., all of Pasadena; Charles W. Jobbins, Costa Mesa; Orange Radio, Inc., Fullerton; and Pacific Fine Music, Inc., Whittier.

The frequency became available when the FCC in 1972 refused to renew the license of Eleven Ten Broadcasting Corp.

on grounds of management neglect and efforts to mislead the commission.

Last November the applicants filed a petition for approval of a settlement under which KRLA would be granted a license to be owned by Western, Jobbins, Goodson-Todman, Voice in Pasadena and Pasadena Broadcasting.

An administrative law judge ruled in January that the proposed corporation might not be a merger as defined in the Communications Act of 1934. The applicants filed documents in which they disagreed.

The full commission held that it is unable to conclude that the proposed merger is a bona fide one, as defined by law. It said it hopes the applicants will continue to seek a settlement conforming to law.

—STAR-NEWS, PASADENA, SATURDAY, APRIL 7, 1979

CLARIFICATION:

In 3/17/79 DXM, p. 357, "NBC Radio Plans Second Network (Again)," second paragraph, the target audience would be large numbers of 12-34-year-olds. Someone thought NBC was referring to audiences of large 12-34-year-olds. Maybe they'd sell lots of ice cream and candy, hi. --BH.

PASADENA, CALIFORNIA SATURDAY APRIL 7, 1979

Bruce Porter

WIRELESS WORLD NOVEMBER 1978

The UK wavelength changes

Long- and medium-wave broadcasting from November 23

by G. H. Sturges, M.I.E.R.E. Engineering Information Department, BBC

Many readers will have heard already of the impending changes to the frequencies used for BBC services in the I.F./m.f. sound broadcasting bands. This article gives the reasons for the changes, which stem mainly from increased demands for frequencies from other countries. A great many of these demands were written into the 1975 Geneva Plan (see January 1976 issue, p.42) which comes into effect this year on November 23rd. The author first gives the historical background and then explains in detail the BBC's reasons for its choice of the frequencies to be used for Radios 1, 2, 3 and 4 and the External Services and the effect on the transmitter network.

THE LOW FREQUENCY broadcast band extends from 155 to 285 kHz and the medium frequency band from 325 to 1605 kHz, although at present 255-285 kHz is not available for broadcasting in Western Europe. With 9kHz spacing between carriers, there is room for only 15 channels on I.F. and 120 on m.f. In the early days of radio broadcasting this would have been sufficient to assign exclusive channels to individual transmitters, but as the number of broadcasting stations in Europe increased in the 1920s an element of channel sharing became inevitable. Ever since then periodic conferences have been necessary to regulate the use of frequencies for broadcasting by the various stations and countries. Thus we had a Geneva plan in 1926, a Prague plan in 1929, Lucerne in 1934, Copenhagen in 1948 and recently Geneva again in 1975. There was also a Montreux plan in 1939, but this was never implemented.

The latest Geneva Conference was by far the largest of its kind, because it embraced not only the European area, but the whole of Africa, Asia and Australasia as well. There are good reasons for having a single plan for the whole of this area. At present, for instance, Europe and Africa use mainly 9kHz channeling, but Asia and Australasia use 10kHz, so inevitably there are areas where heterodyne interference occurs between stations operating on the different channeling standards. This article will be concerned mainly with I.F./m.f. broadcasting in the 'European area', which in addition to Europe in-

cludes much of North Africa and the Middle East. The recent Geneva Conference was long overdue. The Copenhagen plan made provision for 620 transmitters having a combined power of 20MW, by the end of 1976 the number of transmitters in the European area had grown to 1450 and the combined power had increased to 82MW. Mutual interference between stations has grown steadily worse and, due to the increased range of interfering signals after dark, the night-time service range obtained is in many cases only a fraction of that achieved in day-time. A crucial factor in I.F. and m.f. planning is, of course, this difference between day- and night-time propagation. Day-time reception depends almost entirely on the ground wave, which falls off in a predictable way and enables several high power stations to use the same channel without mutual interference. At night-time (and in some cases during the winter days), the signals are propagated over much greater distances by ionospheric reflection, giving rise to significant field strengths at distances up to a thousand or more miles. Although we use the terms day-time and night-time, the other is a gradual one, and in northern latitudes, night-time conditions apply during the mid-winter period to a substantial part of the working day, between about 1500 hours one day and 1000 hours the next (including the important period around breakfast time).

At earlier conferences the planners were most concerned with night-time conditions because it was during the evenings that audiences were at their largest. This situation has changed in the last 20 years, and television now claims the mass audience during the evenings, whilst radio's largest audiences normally occur in the day-time. Nevertheless, a significant number of people still listen to the radio during the evening hours, and in the United Kingdom this is typically around 1 million; there are also very large audiences during the morning and early evening periods.

The Geneva conference This was held under the auspices of the International Telecommunication Union, in two sessions. The first session in 1974 was intended to settle the technical standards to be adopted; the second in 1975 prepared the frequency assignment plan. Some 100 countries were represented at the second session and the delegations were from governments, not broadcasting authorities. Thus the United Kingdom delegation was led by the Home Office, although senior engineers from both the BBC and IBA were included.

The consideration of technical standards was, of course, a long and detailed one, but the main decisions taken in the first part of the conference were these:

1. 9kHz channeling to be used throughout, with all carrier frequencies in the m.f. band to be multiples of 9. Some European countries, including the UK, and supported by the European Broadcasting Union, would have liked to change to 8kHz spacing, to provide more channels; but others, mainly in Asia, would have preferred to retain 10kHz. The adoption of 9kHz was, therefore, a compromise between these views.

Figures were also established for the minimum field strengths needed to provide a satisfactory service, depending on the geographical area and the frequency used.

| November 23 - Principal new BBC frequencies | |
|---|---|
| Radio 1 | 1053 kHz 285 metres 1089 kHz 275 metres |
| Radio 2 | 693.4 kHz 433 metres 909 kHz 330 metres |
| Radio 3 | 1215 kHz 247 metres |
| Radio 4 | 200 kHz 1500 metres (With m.f. supplements in Aberdeen, Castle, Inneside, Ulster and parts of South-West England). |

Geneva conference, this is not a major factor.

Countries were asked to submit, in advance of the 1975 session, a list of their estimated needs to cover the period from 1978 to 1989, with details of frequencies, transmitter sites and powers.

In the early post-war years the UK already had a well developed broadcasting service, and at the time of the Copenhagen conference in 1948 enjoyed a rather privileged position in European broadcasting. The situation was quite different for many of the other states represented at the Geneva conference; in 1948 they were either not in existence or else had only a rudimentary broadcasting system. It was therefore, to be expected that these countries would submit quite legitimate claims for increased frequency assignments. For the UK, however, the Home Office decided only to submit claims for those frequencies and power levels which are already available to the UK, together with a modest claim for additional low power assignments to allow for some future development of local radio.

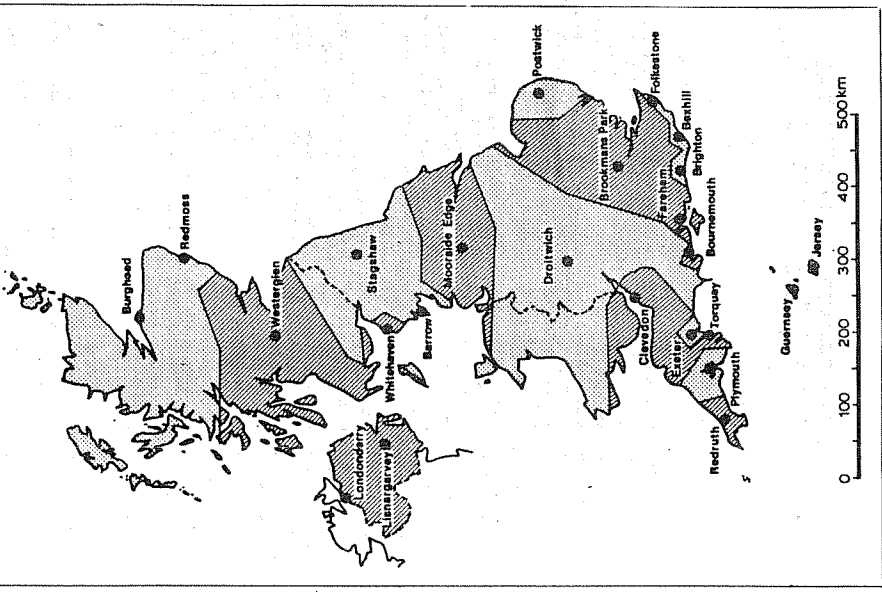
At the 1975 session the proposals which had been submitted by the different countries were listed so that a study could be made of all the incompatibilities, that is to say, instances where one transmitter could be expected to create an unacceptable level of interference in the service area of another. A large computer programme was used to provide an estimate of the minimum usable night-time field strength, for every transmitter, i.e., the field strength which would be needed in order to provide a 30dB margin over the sum of the interfering co-channel signals. In the absence of interfering signals, a field strength of 1 or 2 mV/m may be quite adequate for satisfactory reception. In the presence of night-time interference, a much greater field strength — say 20 or 30 mV/m — may be needed to provide the 30dB margin. Thus the effective coverage obtained from any transmitter is usually much less at night-time than during the day. Some, but by no means all, of the most obvious incompatibilities were resolved by direct negotiation between the two countries concerned. Nevertheless, it had to be accepted that, with the considerable increase in both the number and power of transmitters, there would inevitably be an increase in the usable field strength values in many cases,

leading to a reduction in night-time coverage. In the final outcome most of the original submissions were written into the plan, and many countries were therefore able to obtain a considerably increased number of frequencies; to what extent these will actually be taken up, time alone will show. In the European area, the plan includes some 2700 transmitters, with a total power of 214MW, an increase of almost 3:1 in total power, over the 1976 situation. So far as the United Kingdom is con-

cerned, all of its existing frequencies, including 13 high power m.f.s and one high power I.F. were retained, most of the m.f.s with a change of just 1kHz, to conform to the new channeling plan. The United Kingdom also gained the right to use an additional I.F. channel — 227kHz — at medium power, although this is shared with a 2MW transmitter at Warsaw. Some additional low power assignments were also obtained, to provide for the future development of local radio. There are of course, no exclusive frequencies in the new plan, and many of the usable field strength figures for

Radio 2
Distribution using two I.F. Channels

693 kHz
909 kHz



Radio 2 distribution. The map shows which frequency is most likely to provide satisfactory reception in any particular area. Although a signal should normally be audible in the day-time, the areas of satisfactory reception at night-time will be much more limited than those shown.

SPECIAL FEATURE

Hello from Sigvard Andersson in Sweden. I am a 35 years old weatherman, and I have been a DX-er for more than 15 years. Since 1973 I listen almost only for North American (NA) MW-stations. For that purpose I go to Northern Sweden once or twice every season together with other DX-ers. Now I've gone for 13 expeditions to Killingi (67°30'N 20°15'E) and to Karesuando (68°25'N 22°30'E).

The NA season is naturally in the Winter here, but even in the middle of the Summer, DX-ers in Southernmost Sweden can sometimes hear the strong East Coast stations, WQXR, WEZE, CJYQ, CBN, CKCW, VOXM, etc. Our best NA cx are generally in October, December - January and March, when the NA stations



come in for a couple of hours after midnight and about an hour around SR here in Southern Sweden, but not every night. During a bad season a couple of nights a month (this season 1978/79 has been very bad), during a good season about 10 nights a month. And the further North we go, the longer time, the more nights (and days) we can listen and the more stations we can hear. Here we listen mostly to the East Coasters, in the North dominate the WC- and Prairie-stations. At bad cx the radio signals come in only on Southern paths, so during nighttime we hear stations only in the sector India - Iran - Europe - Brazil. After a "down" the cx used to improve (not this season, hi), and 3 - 7 days later we can listen to the Philippines in the evening and Northern LA late at night and in the morning. After further 2 - 4 days Japan comes in in the afternoon - evening, and after midnight we hear EC NA stations. If the cx become very good, the NA stns might go to the next morning or (noon). The following night we might hear stations from the Great - Lakes area and the Prairie. A day full of WC stns can follow, and

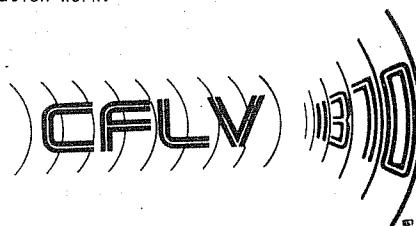
C-FAX
620 View St., Victoria, B.C. V8W 1J6 • Area Code 604 386-2441

then Alaskan and Pacific stns (Hawaii, NZ and Australia). At last a geomagnetic storm spoils the fun, and we are back at the Indian and Brazilian stations again. This is a general description, and it can change due to periods with very good or very bad cx, and it fits best for middle Sweden, even if we do not hear Pacific there. In Southernmost Sweden of cause no Pacific; the only logged stations from the area West of Iowa are a few high-powered ones. In Northernmost Sweden not many LA stns, but NA might go for 24 hours a day during very good cx, and in Winter during the years around the sunspotminimum, from Jan -75 to Dec -77, we heard NA stations every day, whenever we were there.

10 years ago three DX-ers from our local club in Stockholm went to Northern Sweden for a DXpedition. Many others became also interested, so the following year five of us went for our first DXpedition to the little village Killingi in the North. We went right after Christmas and stayed for 9 days in an old school. In the middle of the Winter the days are short there, 110 km North of the Arctic Circle, only 2-3 hours of daylight. The temperature varied between 30 above and 26 below 0°F. Deep snow made it hard to put up antennas. But the possibilities for antennas are limited in Kill-



lingi (no trees), and we did not know much about Beverages then, so the antennas were 30 - 100 meters long only. We did not hear much interesting in MW; not even one single NA! Most Europeans. But we managed better in SW: Fiji, Noumea, SIBS, FEN, Timor, New Guinea stations, etc. A DXpedition is not only DX-ing; it is also to be together several days and nights, discussing, experimenting with receivers and antennas, cooking, a lot of practical jokes, playing cards, etc. etc. Home again, we planned for the next expedition. We went to Killingi five times for periods of 2 to 3 weeks, we learnt more about antennas and tried better directions and made them longer. So we managed much better in NA-listening. I remember especially the good cx on the 1st - 3rd of January 1975. We learnt how to use the propagation forecasts, A-index and Solar Flux from WWV. In 1971-72 an Italian DX-er took part in the expedition, in 1974-75 two Germans. Then some of us stayed three weeks but others arrived and left; all together we were 11 participants, but it was too much organization work.



After our successful MW DX-ing in Killingi, I became very interested in NA AM stations, and I tried to find another QTH with better antenna possibilities and further North, as it seemed to me that every km further North is important. So we tried the village Karesuando right at the border to Finland, 200 km North of the Arctic Circle. There it is still darker and colder than in Killingi. Once it was 46° below 0! For me it is a 30 hours' trip to go there by train and bus. An old boardinghouse fitted good. We did not have to cook ourselves. The terrain sloping down in SW-W-NW-N-NE, no roads, no powerlines, only wood, so the antenna-possibilities are limitless. From the house you can see the horizon in the "right" directions - perfect for DX-signals! The conditions around are perfect, so it must be something wrong with the listening. And it is. A very strong local electric disturbance -- it can be 20 dB over S9! Sometimes it can be on for days and nights without any break, but it can also be gone for long periods, like at my first expedition there or at the last one in December, when we had it during the first two days irregularly and then it was gone for 10 days, it came back only some days before we went home again. Three electricians worked with it for several days without finding anything. Thanks to special antenna-arrangement, the situation has not been desperate. But at the last expedition, in January, the "expeditors" heard the same "buzzing" sound, when they passed an outdoor transformer on their way from the sauna. The called electricians fixed something, and the disturbance was gone. So I think that after 14 more or less disturbed expeditions in Karesuando, we have at last got rid of the fault. We have learnt that long antennas close to each other "steal" signalstrength from each other, and that one gets problems with VFO-signalinterferences, if one has too many receivers together.

KBOI-am
50,000 WATTS - 670
(the sound that's all around)
RADIO IDAHO P. O. BOX 1226, BOISE, IDAHO 83721
NBC RADIO NETWORK
COMMEMORATIVE QSL
CONVENTION
1978
AUG 11, 12, 13
International Radio Club
of America
INTERNATIONAL
RADIO CLUB
Portland OREGON

So we have been only 2 or 3 DX-ers on "my" expeditions in Karesuando.

We bring 2000 - 5000 meters antenna-wire each, or we have left them there, so that we do not have to carry them every time (1000 meters weigh almost 50 pounds), but we do not always use all of them; we need time for DX-ing also, hi. Everybody have 3-5 antennas, all between 400 and 1500 meters long. As the wires are plastic-isolated, we just put them on the treebranches and bushes. We are careful about the antenna-directions, so to get them quite straight, we use compasses, but the height can vary from 3 to 15 meters. We have also tried to put the wires just on the ground and we have not noticed any differences, but they might be spoiled by animals and snow-scooters, especially on the small lakes which the antennas pass.

My receiver is a Drake R-4 with a MW-converter (built with the very good tube 7360, which I can recommend for those who still use tubes), and it works excellent. Other receivers used at Karesuando are Drake SPR4 and SSR1, Collins R390 A, also known as good receivers.

Of cause we bring taperecorders to record what we hear. Also WRH, NRC:s Domestic Log and Pattern Book, Broadcasting Yearbook, lists over logged stations etc, diagrams for silent periods and SR/SS-maps over the Northern hemisphere.

(Times given here are our local time = EST + 6h). Some participants listen for Japanese stations, which we can hear in the afternoon and evening (once when the cx were very good, they came in already around 10 am!), but the main-interest is of cause NA stations.

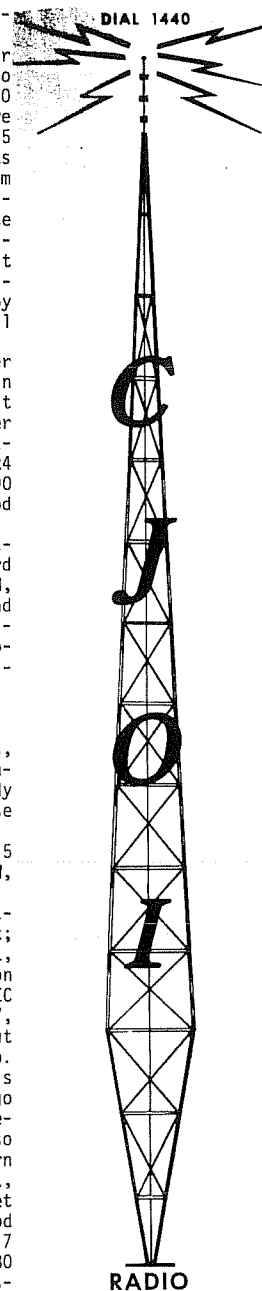
Even if the cx are below normal, we can hear 10-15 stations in the morning, e.g. KJNP, KBRW, CFCW, KSL, KOMO, CFUN, KFBK. But that's all.

During normal cx or a little better the first stations go for an hour or two right after midnight; the very first ones from Quebec: CHRМ, CFLP, CFVL, CJRS, CFDA, CKO, CJFP, CJTR, CUMC, etc, but soon we also get stations from the rest of Northern EC and Great Lakes, e.g. WBZ, WCFL, WPTR, KSTP, WDGY, WCAU, WWVA, CBD, CBI, CFRW, etc. Often a fade-out during the following hours, and we get some sleep.

In October the strong signals are back around 4 am and go for about 4 hours: EC and Great Lakes stations, and also stations from the Southern states: WWL, WSB, KAAV, KSAL, KVGB, etc. In December we get a little more sleep; the good strengths are back between 7 & 8 am and we listen to 50-80 stations, about 10 from Alaska, for 3-4 hours. Around 8am the cx change to Prairie, WC and Alaska, but often we also

have EC stations till noon, so an opening can be very wide. Another fade-out around noon. In the afternoon mostly Prairie and WC stations for a couple of hours, also CHAK and CFYK. Between 6 and 7 pm an Alaska opening. Then we often hear KSRM, KNOM, KCAM and KICY, which are difficult to hear in the morning. (Stations mentioned here are rather common. Others can vary often).

During good cx the Quebec stations might come in already at 10 a 11 pm, soon followed by EC, Great



Lakes and Prairie. No fade-outs; we can listen non stop till the next evening! No time to think of food; maybe a quick cup of tea and some bread and butter. -The channels are crowded and we hear many stations, e.g. in the morning WNAX, CFWH, WTMJ, KIDO, KOOK, CFAX, KSEN, CFFB, KTLIC, KOWB, KEIN, CJDC, KSRV, KCIM, KRED, KVWO, KPMC, KRAD, all Alaskan stations with 5 kW or more, some Hawaiian stations and some "graveyarders". In the afternoon we can also hear Southern California: KDAY and KBBQ. When the WC stations have faded out, we still have 12 - 16 Alaskan ones, some can be heard non-stop till the next day (KJNP, KBRW). Sometimes during good cx an area of one or two states can be favoured. Then we can hear stations which otherwise are disturbed. During periods of bad cx we sometimes have "point-cx" (as we call it). Stations from a small area or a city can be heard, but nothing else.

We listen regularly for Solar Flux, A-index and K-index from WWV. Then we often know which cx we can expect. But that is more useful at home. At an expedition we listen anyhow, at home it is good to know which night and morning we shall stay up listening, so that we don't spoil the sleep all nights a week, especially if we work during days. A high A-index means bad cx in Southern Sweden, but in the North it is not necessarily so. Instead the cx can become very interesting: In Dec 1976 A-index was 20 and the day after gave rather "rare" stations among many others, e.g. KBLW, KDKO, KRED, KOMA, KSRV, KSAL, CHFC, CHAT, KNOM and KOB. In Dec 1977 A-index was 37 one day, 33 another day. The nights and days after gave also interesting stations, and at one night Quebec started very early. CHRМ came in strong when I tuned it in at 10.13 pm! Soon followed e.g. CJRS, CKRB, CJMC, CKBM, etc. On October 27th 1977 A-index was 38. Around 10pm a station came in on 1220, and it was CJRB in Boisvevain, where it was SS more than 2 hours later! It might as well have been a daytime station! During normal cx a DT is almost impossible for us to hear, as a station comes in here about 2 hours after its SS, and then a DT has closed long ago. Also CFRW, CKOY and CKLQ were logged before the sun reached the horizon at the stations. And I even managed to take a DT. It was KQWB, ND on 1550 at 11.39, about 40 minutes before SS there. (This was before it became AN. However, its nightpattern is so bad for us, so I think that it is impossible to hear it here).

So nowadays I hope that A-index will rise during our expeditions. During these good MW-years, Solar Flux was very low; it could stay below 70 for weeks, but mostly small variations, it could reach the value 90. Today it is around 200! And it seems to be negative for the cx. But it can be MW-cx during high Solar Flux, if A-index is low. During the long sunspotminimum (1975-76-77) both A-index and Solar Flux could be low, still the cx were bad (especially in November and February). So it must be at least one more factor that influences the cx. Here we do not know what that is; if we knew, it might be easier to make propagation forecasts.

KQWB verified my report and that is one of my best QSL:s. On the other hand, a DT station that did not verify (in spite of f/u:s), is KTYN. Also that in



P.O. Box 65 Twin Falls, Idaho 83301



POST OFFICE BOX 294R1
FARGO NORTH DAKOTA 58102
TELEPHONE (718) 236-7900



CKGY • 1170 Radio

P.O. Box 339 Red Deer, Alberta T4N 5E9 (403) 343-1170

SUPER COUNTRY RADIO — 10,000 WATTS

RED DEER — OLDS — PONOKA — ROCKY MOUNTAIN HOUSE — INNISFAIL — LACOMBE

MAIN STUDIO - 4805 - 48 AVENUE, RED DEER



ND. I heard it in January -76 in the afternoon. It had just opened for the morning, and it came in for a whole hour. It was before SR there, so it used "PSA" power, and the "path" was in darkness the whole way from Minot to Karesuando. That explains why I could hear it. A few days earlier another participant logged the DT KGHO on 1560, WA, also that in the afternoon, and the station used PSA power. At DXpeditions in Northernmost Finland they have logged the DT:s KXL - 750, WJJD - 1160 and WLIB - 1190. Also in Norway one or two DT:s were logged about 10 years ago.

KOTZ

720 KHz 5000 Watts
Public Radio for Northwest Alaska
KOTZBUE BROADCASTING, INC. BOX 78. KOTZBUE, ALASKA 99752



During the last 10 years we have logged about 700 NA stations here in Northern Europe (Norway, Sweden and Finland). In Finland the DX-ers have also made DXpeditions. As they can go further North than we can, they have managed still better. They have logged about 80 stations that we have not heard; on the other hand we have 40 stations that they have not.

In the "graveyards" we often have many stations, but they fade in and out, so mostly we miss the ID:s. From those 700 stations 55 are "graveyarders", many of them logged in Northern Finland. I myself have not been very lucky in the graveyards; I have waited for ID:s for hours, but I have got only a few stations: AFRS, Eielson, AK on 1490 with local px (only 50W! I did not think it was possible for a 50W station to reach us, until I heard it with my own ears), and KPAG, CO on 1400. But the staff at KPAG thought that it was only noise on my tape. Of cause, hearing a station is not the same thing for them as it is for us, hi. But I think that at KPAG they should have recognized the ID:s and the slogan, which I wrote down word by word. Also a timecheck and a tempcheck. Weak signal but no interference at all, so listening carefully, it was easy to pick it up. Maybe it was the bad tape that spoiled my report.

During the first expeditions, in Killingi, we got greetings from the stations DLF and HGJB. They played records for us, which we had asked for. We always had DLF to play "North to Alaska", because then we thought that it was extra interes-

ting to hear Alaska, hi. KJNP was our "house-station", till the last season's expeditions. After Nov. 23rd last year, when 1170 became a standard fq here in Europe, we cannot enjoy KJNP that much any more. But now we have KBRW-680, instead. We also got KJNP to send us greetings. They did not say hello at the day and the time that I had asked for, but on the next day they did, and we were lucky listening to them just then. They also played Swedish songs for us. In 1973 I sent to KJNP a tape with a recording of their program received in Killingi. Don Nelson, director of KJNP, wrote to me that "...We never dreamed that it would be that clear over there....". Further down: "We are considering a 30 minutes or 1 hour Swedish program if we can find someone here that can produce it". And KJNP also had a Swedish px for a year or two. I hope that it was not because of my tape, but I wrote to Don and assured him that KJNP could be heard here only by us with our special receivers and long antennas.



In the seasons 75/76, 76/77 and 77/78 there were 10 - 15 different DXpeditions every Winter, and only a few failed. This Winter only half that many, and the cx have been very bad, also. Good cx only once this season, and it was during the first half of December. Then we (another DX-er and I) were on our expedition in Karesuando, so we were lucky. Only one more expedition managed good, and it was one in Finland. So I think that next year we will not have many expeditions. But I will go again, for the 14th time. I might as well just shut my eyes and put my finger in the almenack, to see when to go. Making a propagation forecast seems to be impossible in this year of high sun-activity, as difficult as my daily work can be sometimes - making longrange weatherforecasts.

73's.

KYAK

2800 EAST DOWLING ROAD • ANCHORAGE, ALASKA 99507
907-344-2822
50,000 watts clear channel radio



BIG COUNTRY RADIO, INC

KIAK

643 1/2 SECOND • FAIRBANKS, ALASKA 99701
907-452-1831
4000 970 radio

Reply to Fairbanks Address

Small area radio would like chance to be heard after dark

Newspaper Enterprise Association

WASHINGTON — A half-century ago, when radio broadcasting was in its infancy, federal regulators created the concept of the "clear channel." That is, they assigned the larger urban stations more or less exclusive electromagnetic frequencies that could be heard for hundreds of uninterrupted miles.

The rationale was simple and sound. Radio then was a national medium; local broadcasting was woefully scattered, therefore the urban stations had a responsibility to serve vast audiences. In other words, only the clear channel people could adequately entertain and inform the entire American settlement.

But if the idea was good at the time, times have changed. Today, 50 years later, radio has become a predominately local medium, with a proliferation of capable local stations, yet frequency laws remain what they were; accordingly, there is growing opinion that clear channel regulations may be outdated.

In fact, the regulations may also be discriminatory, regressive, and un-American. Small-town broadcasters insist the old laws give clear-channel operators an unjust economic advantage, and at the same time deny meaningful radio service to one-quarter of the population, 46 million rural Americans.

The revolution is championed by Rep. Paul Findley, a free enterprise Republican from Bircher's home state. Findley says the nation's airwaves belong to all the people, not just clear channel behemoths, and he has enlisted 107 congressional colleagues in an effort to rectify this "unconscionable" matter.

Findley's proposal would force the Federal Communications Commission to allow restricted daytime stations to expand their broadcast hours to suit local markets and needs. Aside from the fairness of it, he says, the revised law would permit all stations to compete more equally for advertising and prosperity.

Not surprisingly, the big-station interests are battling Findley's suggestion. But the congressman says they are worried over nothing. New laws would not do away with clear channels, and the big signals would still be protected up to reasonable distances; they just wouldn't have infinite air rights anymore.

Despite these arguments, however, U.S. radio reform is not yet looming near. Findley's idea is also being resisted by the FCC, whose officers say the frequency question is too complex for mere political solution. And so, the reform proposal quietly expired in committee at the end of the 95th Congress.

Findley plans to resubmit the idea this year. He calls reform the best thing for radio since the crystal set. Meantime, Glen Bircher of WINU is spending the winter hoping nothing happens after dark in Highland, Ill.: "When it does, I always catch hell from people who tune in for details, and get Nashville instead."

The charges are technically complex. But, simply put, clear-channel laws force half the nation's AM stations (2,300 of them) to leave the air during the hours of darkness. This guarantees that the big-station signals will encounter no small-station interference during times when clear channels reach the farthest.

The guarantee is socko for the clear-channel owners, of course. The bigger their audiences, the more their prestige, and the greater their advertising revenues. At the same time, though, the small stations, called "daytimers," suffer in the marketplace, and their listeners are robbed of local service.

One example of the peculiar circumstance is station WINU in Highland, Ill. That 1,000-watt station shares the 1,510 kilohertz frequency with 50,000-watt WLAC in Nashville, Tenn., 300 miles away; thus by law, WINU must leave the air each night at sundown so that it will not disrupt WLAC's clear-channel signal.

Since WINU is the only radio station in Highland, this means that, after dark, local listeners can hear what's going on in Nashville, but not in their own town. WINU owner Glen Bircher says if Jesus Christ returned to Highland at night, WINU would have to wait until sunup the following day to report the visit.

More practically, Bircher says Highland's listeners are denied broadcasts of local sports events, live coverage of after-dark government activity, and worse, emergency information. When an evening blizzard hits Highland, or a bridge collapses, WINU's sunrise warnings often come much too late to be of help.

The dilemma is acerbating, Bircher grumps. Why should the federal government place the operation of a radio station in urban Tennessee above the interests of thousands of people in rural Illinois? In effect, Bircher says, "The government is telling people in Highland that we are second-class citizens."

The predicament has so infuriated Bircher that he has become a leading voice in a gathering, but still small, movement for radio reform. He says there are 1,488 communities served only by AM daytime radio, and 713 that have neither AM or FM nighttime service; so he is calling for a regulatory revolution.

VERIFICATION SUSAN SIRULNICK
SIGNERS 223 LAKEVIEW TERRACE
 TEANECK, NJ 07666

| | | | | |
|------|------|------|------------------------------|-----|
| 550 | CHLN | q | Oric Lefebvre (VE2AAE) CE | AOK |
| 550 | KTSA | q | unreadable CE | AOK |
| 680 | CKGB | f-cm | A. Parent(?) Eng'g Dept. | RAL |
| 790 | WMC | q | John Morler CE | AOK |
| 810 | WMTS | l-q | James B. Gilmore CE | RAL |
| 810 | WSJC | q | Walter Hearn CE | AOK |
| 850 | WWJC | l | Roger Elm Executive Director | AOK |
| 900 | WJTH | l-cm | John G. Cunningham | TJC |
| 900 | WJWL | q | Stephen G. Wallace | RAL |
| 910 | KPOF | l | John C. Kelly | AOK |
| 910 | WJCW | l | Ed Bryant CE | AOK |
| 940 | KIXZ | l | Richard Haines GM | AOK |
| 970 | WDAY | l | Gary Rasmussen | AOK |
| 980 | CHEX | q-cm | Signe Hushagen | RAL |
| 980 | WFHG | q | unsigned | AOK |
| 980 | WRC | q | unsigned | AOK |
| 1000 | KOMO | q | unsigned | AOK |
| 1050 | CKSB | q | O.E. Drouin | RAL |
| 1050 | WZIP | l | John Kline CE | AOK |
| 1110 | WSLV | l | Rachel Mitchell Station Mgr. | TJC |
| 1110 | WVNH | l | Dick Oliver CE | AOK |
| 1140 | WKWM | l | Suzy | RAL |
| 1170 | WAMB | q | unsigned | AOK |
| 1220 | KBCL | l | Larry Ryan Station Mgr. | RAL |
| 1240 | KWOS | r | Leroy S. Hackman CE | AOK |
| 1240 | WBEJ | r | Lynn R. Williams CE | AOK |
| 1240 | WDUN | l | Paul D. Williams CE | AOK |
| 1280 | WGLR | l | Bob Larsen Mgr. | RAL |
| 1280 | WMRO | l | Gary Lee Program Director | AOK |
| 1310 | WBIO | f-l | Gerry Turro CE | TJC |
| 1360 | WGEE | l | Bill Smith DJ | AOK |
| 1360 | WMFC | l | Harold Harris Mgr.-Eng. | AOK |

| | | | | |
|------|------|--------|-----------------------------------|-----|
| 1390 | KLNT | l-cm | Kenneth P Kroemer GM | RAL |
| 1390 | WCER | f | David W. Huva CE | AOK |
| 1390 | WVON | l | Bernadine C. Washington VP | AOK |
| 1420 | WLET | l | Jan J. Bethke CE | AOK |
| 1420 | WSUH | l | Dennis E. White CE | AOK |
| 1430 | WQVQ | l | Ronald J. Brey Opns. Mgr. | AOK |
| 1440 | WEZJ | l | Paty Noe Secretary | AOK |
| 1440 | WOHN | l | Richard E. Sanderson CE | AOK |
| 1450 | WCVS | l-card | Marty Wright News | TJC |
| 1480 | WLEE | f | Jeff Gulick CE | AOK |
| 1490 | KBIX | l | Gayle Lee CE | AOK |
| 1490 | WDBQ | q | Lloyd Berg CE | TJC |
| 1490 | WKAY | l | Reginald Dale Sadler CE | AOK |
| 1490 | WKBV | l | Chuck Yount CO | AOK |
| 1500 | KXVQ | l-cm | Bill Coleman Chief Operator | RAL |
| 1500 | WBRI | l | Daniel J. Lash CE | AOK |
| 1500 | WKZN | l-cm | Charles E. King CE | RAL |
| 1520 | KMAV | l | Austin G. Kramer GM | AOK |
| 1530 | KQNK | l-cm | Bruce A. Stucky CE | RAL |
| 1530 | WVFC | l | Bryan Shimmers CE | AOK |
| 1550 | WMIR | q | unsigned | AOK |
| 1550 | WXVA | l | Tammy Webb Traffic Mgr. | AOK |
| 1560 | WPAD | l-cm | Edward B. Fritts President | RAL |
| 1566 | HLDA | q-l | Jack C. Lentz Administrative Dir. | NHP |
| 1580 | WMTL | l | Dave Thompson | AOK |
| 1580 | WPMP | l | Barry A. Walters CE | AOK |
| 1590 | KCLU | l | Greg Stanton Maintenance Eng. | AOK |
| 1590 | WJSU | l | Alan Lefevre CE | AOK |
| 1600 | WQCK | l-cm | Don Jones | RAL |

CONTRIBUTORS:

TJC T.J. Cieslewicz- Denmark, WI
 NHP Nick Hall-Patch- Victoria, B.C.
 AOK Andrew Kwiatkowski- Chicago, IL
 RAL Bob Lazar- Madison, WI

See you next time! Sue

Page 424...April 21, 1979

THE INTERNATIONAL RADIO CLUB C. AMERICA

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

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

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

MEMBERSHIP DUES: \$16.50 First Class to Canada and the U.S.A., Air Mail to Mexico. \$20.00 Air Mail to the rest of the world via Canada. Air Mail Direct from San Francisco: \$25.00 to Central America, Caribbean, Columbia and Venezuela; \$30.00 to the rest of the world. Sample copies, 50c or 3 International Reply Coupons. Make all checks and money orders payable to "I.R.C.A." Members outside the U.S.A., please use money orders payable in U.S. funds.

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

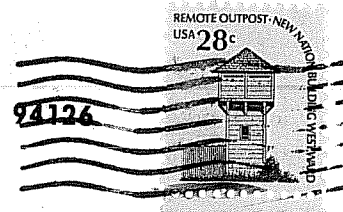
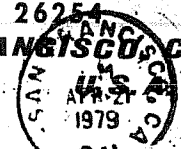
IRCA GOODIE FACTORY: Information on supplies, reprints and other materials may be obtained from IRCA GOODIE FACTORY, P.O. BOX 17088, Seattle, WA. 98107

Permission is granted to publish, broadcast or otherwise reproduce any of the material in DX MONITOR (except for items which acknowledge that they appear by permission from other sources, or material that is copyrighted), provided credit is given to DX MONITOR and the author or contributor if listed.

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

DX MONITOR is printed by Sir Speedy Instant Printing, San Francisco, California.

IRCA
 P.O. BOX 26254
 SAN FRANCISCO, CA



First Class

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