



DX MONITOR



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THE INTERNATIONAL RADIO CLUB OF AMERICA

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NO. 1

WHOLE NO. 384

SEPTEMBER 6, 1975

ELECTION RESULTS

For President: Richard C. Evans
 For Secretary-Treasurer: H. John Clements
 For Board of Directors: Robert L. Foxworth
 Nancy Hardy
 Grant Manning
 Father Jack Pejza
 Bruce Portzer
 Ronald F. Schatz
 John Zondlo

TED VASILOPOULOS AWARD: Grant Manning

Congratulations to all the winners and good luck!

Many thanks to all the membership for all of their support in the election. The turn-out was great. Anyone wishing a vote-count may receive same by sending me a self-addressed stamped envelope with a list of the candidates enclosed. I'll be more than happy to add the figures if any of the membership so desires. Deadline for this service will be October 1, 1975. Those received after that date will not be honored. That's all for now and 73's.

Respectfully submitted: August 1, 1975
 George W. Jensen
 4604 Anttana Avenue
 Baltimore, MD 21206

KDWN-720

The IRCA now has a weekly 1½ to 2 minute "DXer Report" program on Clear-Channel KDWN-720 Las Vegas, Nevada.

All West Coast DXers within KDWN's nighttime signal range are invited to tune in weekly on Wednesday nights at 9:45 p.m. PLT.

A few months ago, Charlie Scott, General Manager of KDWN, saw a copy of "DX Monitor" and was very impressed with it. Charlie, a former DXer himself, suggested that IRCA have free public service radio time. Since then, KDWN DJ Jack London and IRCA member Bill Harang have worked out a number of arrangements concerning the program. On Wednesday night, August 6, 1975, the first program hit the air! Committee Chairman Bill Harang will be sending in a weekly transcript to the station. It will be read by Jack London over the air (taped).

In order to have a wider range of subjects on the program, transcript material from all IRCA members would be welcomed for evaluations. If they are deemed to be exceptional, they will be put on the air. So for those who have writing ability, this is your chance to do something with it and possibly get it on the air. Send your transcripts and suggestions to Bill Harang, 811 Nevada Ave., San Jose, CA 95125. Thank you!

FLASH TIPS

September 1, 1975 is apparently the date that KOL-1300 changed to KMPS with country and western. August 30 was when KYAC-1460 changed to KIL0 with rock and roll; KYAC took over the 1250 spot vacated by KTW; and Stirling, which owned KTW, took over operation of KUUV-1590. KUUV is now AN. Otherwise there is no change in format or call.

WUDO-1010 Lewisburg, PA went silent as of 9-23-75, as per James Hopkins.

DX CALENDAR DX CALENDAR DX CALENDAR

- Mon. 9-29-75 WJIC-1510 will conduct a test between 0230 - 0300 ELT. Power is 250w. No word on what kind of modulation. Pre-paid calls will be allowed but not on the air at 609-935-1510. Address is P.O. Box 132, Salem, N.J. 08079. Ben Ferguson signed it. Arranged for the IRCA and NRC by James Hopkins.
- Mon. 10-6-75 WVGCH-740 will conduct a test from 0100-0200 ELT with 1kw. Modulation will be tone and/or music. Phone calls will be allowed at 215-TR2-8861. Can't read who signed it. Address is Wolf Building, Market Square, Chester, PA 19013. Arranged for the IRCA and NRC by James Hopkins.
- Mon. 10-6-75 WMTR-1250 will hit the air from 0200-0300 ELT with tone, music, 5000 watts, and lots of ID's. Also will try code ID's. Pre-paid calls will be allowed but not on the air at 201-538-1251. Address is Horse Hill Rd., Cedar Knolls, N.J. 07927. Licensed to Morristown, N.J. Arranged for the IRCA and NRC by James Hopkins.

BROADCASTING

INFORMATION

(as compiled by Mike Worst)

	Day	Nite		
CKGQ	570	1kw 1kw	Quesnal, B.C.	to 920, 10kw DA-N
WPDQ	600	5kw 5kw	Jacksonville, Fla.	granted WMBR
KITN	920	1kw	Olympia, Wash.	to Olympia-Lacey
CKWL	920	1kw 1kw	Williams Lake, B.C.	to 570, 1kw DA
new	940	10kw 10kw	Agana, Guam	CP, req. KUFE (FEBC)
new	940	1kw	Lebanon, Pa.	CP
KGBS	1020	50kw 50kw	Los Angeles, Calif.	U fm L, DA-2 fm-1
KBCQ	1020	50kw 10kw	Roswell, N.M.	to 50kw, DA-2
new	1110	5kw	Salem, N.H.	requests WSNH
new	1110	10kw 10kw	Rimouski, Que.	CP, //CBGA-1250
new	1190	500w	Huron, S.D.	CP
CBAR	1190	40w 40w	Canso, N.S.	to 1230, 40w
CKBX	1240	250w 250w	100 Mile House, B.C.	to 1kw-D, 250w-N
KTW	1250	5kw	Seattle, Wash.	granted KYAC
new	1290	500w	Lykens, Pa.	CP, req. WQIN
KFLO	1300	500w	Shreveport, La.	start operation
KOL	1300	5kw 5kw	Seattle, Wash.	granted KMPS
KXLW	1320	1kw	Clayton, Mo.	" KADI
new	1330	500w	Carrollton, Ga.	requests WPPI
KDOL	1340	500w 250w	Mojave, Calif.	to 1kw-D, 250w-N
WLVC	1340	250w 250w	Fort Kent, Me.	start operation
KFDR	1360	1kw	Grand Coulee, Wash.	renewal denied
new	1410	1kw	McRae, Ga.	CP, fax of WDAX
WVVX	1430	1kw	Highland Park, Ill.	to Highland Park
				- Deerfield, Ill.
WMBR	1460	5kw 5kw	Jacksonville, Fla.	granted WPDQ
KYAC	1460	5kw	Kirkland, Wash.	granted KIL0
WBFC	1470	500w	Stanton, Ky.	start operation
new	1530	1kw 250w-CH	Huntingdon, Tenn.	requests WJPJ
new	1570	1kw	Burkesville, Ky.	" WKYR
WZUM	1590	1kw	Carnegie, Pa.	" WPVC

From the July 7 to Aug. 18, 1975 issues of Broadcasting, Information Canada, and Glenn Hauser.

OFF PAGE ONE

C P C

To all members interested in working for the CPC:

I have recently been appointed to the position of Chairman of the Courtesy Programs Committee. Some of the newer members are probably not familiar with the CPC. The committee contacts various radio stations and attempts to arrange DX tests with them. It is advisable that CPC workers have around one year's experience in DXing. This is necessary for the CPCer so he can better judge band conditions, possible interference from co-channel stations and other factors that could determine how well a DX test would get out. No matter what your previous experience though, feel free to contact me for more information.

There are several projects already in the works for this season. We will be working very closely with the NRC's CPC. I am also working on another medium of publicizing our upcoming DX tests. There will be more on this after I find out the details. Any other suggestions would be much appreciated.

I have been in contact with some of you already either by mail or through the letter that was distributed at the convention. If you were not contacted by either of the above, this is your formal invitation to join this year's version of the CPC.

Several new procedures are being instituted so it will be necessary for some of you "old hands" to get in touch with me. I do need to know who is interested as soon as possible. I hope to get around 25 inquiries and out of that group there will possibly be 4 or 5 very hard workers. If you'll pardon my thievery, the CPC is looking for a few good men!

I am looking forward to hearing from all of you who are interested in the CPC. Rob Keeney, CPC Chairman, 22-12 Stouffer Place, Lawrence, KS 66044

ANARC ALMANAC-- What's Happening in the Association of Radio Clubs of North America

Executive Secretary: Dave Browne, 557 N. Madison Ave., Pasadena, CA 91101. IRCA Representatives: Rick Evans, Fr. Jack Pejza, John Zondlo.

Upcoming Club Meetings: Ohio Weekend DX Seminar, sponsored by the Miami Valley DX Club, Sept. 20-21, at the Holiday Inn, 2455 Springboro Rd., Dayton, OH. Meeting room will open 9 AM Saturday and close 5 PM Sunday. Registration, \$3.00. Room reservation deadline, Sept. 2. Contact Brandon Lovett, 201 Carrland Dr., Dayton, (Kettering), OH 45429 for information. Enclose a large #10 SASE for reply.

SCADS (Southern California DXers tentatively have set their next meeting in October. Contact Don Johnson, P.O. Box E, Elsinore, CA 92530 for info. Enclose a SASE.

SPADES (Philadelphia Area DXers) are planning future meets. Contact John Vockeroth, 639 Pennsylvania Ave., Prospect Park, PA 19076 for information. Send SASE.

New York Metropolitan Area DXers-- contact Chris Hansen, 100 W. 92nd St., Apt. 5-B, New York, NY 10025. (212-595-1473).

BAD Guys (Boston Area DXers) are planning a fall meeting. Contact Frank Testa, 193 Chatham West Drive, Brockton, MA 02401 for info. SASE.

Midwest DXers Symposium-- contact Bill Whitacre, 2609 Devonshire, Lansing, MI 48910 for information. SASE please.

Great Lakes DX Association--contact Andy Robins, 2724 Fleetwood, Kalamazoo, MI 49008.

Nebraska DX Association-- contact Bob McCoy, 4105 Washington St., Lincoln, NE 68506. Enclose SASE.

ANARC Clubs

The Wingate DX Club has been dissolved, for lack of member interest. After repeated notices, the Triangle DX Club of Philadelphia has been declared inactive for lack of contact with ANARC HQ.

Committee Chairmen. Because of changes of location or jobs, the following ANARC Chairmen have resigned: Frequency Recommendation and Man of the Year. Steve d'Adolf, of the Public Relations Committee will stay on only until December. If you have had experience in, or have a particular interest in, any of these committees, contact Dave Browne as soon as possible.

ANARC MAN OF THE YEAR

Hank Bennett of New Jersey has been selected as the ANARC Man of the Year on the basis of his twenty years of involvement in the hobby. He is a former DX Editor for Popular Electronics, handles the NNRC SW Column, and is the author of a well-known book, "The Complete Shortwave Listeners Handbook."

Revisions

NASWA (North American Short Wave Club) has a new address, P.O. Box 13, Liberty, IN 47353.

Miami Valley DX Club has a new business address: Mark Lucas, 724 East Mulberry St., Lancaster, OH 43130.

Glenn Hauser has left the U.S. for a new radio post. His new address is Nambu Mansion, 302, 4-1-9, Sendagaya, Shibuya, Tokyo, 15-1, Japan.

The Australian Radio DX, Club (ARDXC) is celebrating their tenth anniversary. Publicity material will be sent to North America for five IRCs. Write to ARDXC, P.O. Box 227, Bow Hill, Victoria 3128, Australia.

*** NEW MEMBERS ***

Jay Newman, 57-41 223rd St., Bayside, NY 11364
Marvin E. Robbins, 5627 Ashley Oaks Dr., No. 33, Tampa, FL 33617 (rejoin)

Richard Dale, Box 218, Rt. 2, Buffalo, MO 65622
Keith M. Szot, 555 Westwood Ct., Vacaville, CA 95688
Gary Penley, 1103 H St., Centralia, WA 98531
Bing G. Crosby, Box 103, Brookhaven, MS 39601

Address Changes:

William B. Feidt, 8852 L Spiral Cut, Columbia, MD 21045
Brian J. Anastasi, 34 South Policy Road, Salem, NH 03079
Russell J. Edmunds, 1480 Rt. 46, Apt. 78A, Parsippany, NJ 07054
Adolph Rattay, 22 Andrea Blvd., Niles, OH 44146
Michael Wilson, 4975 Clairemont Mesa Blvd., Apt. 121, San Diego, CA 92117
Thomas H. White, 56-6-2 Lambeth, Charlottesville, VA 22903
Bob Lazar, Room 201, Tripp Hall Desk, Madison, WI 53706
Larry Godwin, 716 N.W. 15th, Corvallis, OR 97330
John D. Harris, College Heights Box 0269, Bowling Green, KY 42101
Percy R. Kesteven, 13416 113 St., Edmonton, AB T5E 5B1

Renewals:

Daniel Lester, Bill Gardner, Robert E. Fisher, Harold E. Cox, Randy V. Mirmehan, Steve Moss, Jack Woods
Frank Kennedy, Saratoga, CA bulletin returned-no forwarding address
Bill Gardner, confusion in records as to present address

Geomagnetic Indices

June 25-July 1	6	6	4	5	20	19	15
July 2-8	7	10	8	7	7	12	25
July 9-15	24	15	14	6	11	16	16
July 16-22	13	15	14	11	8	8	8
July 23-29	7	6	26	20	14	11	3
July 30-Aug. 5	6	4	13	8	4	6	24
Aug. 6-12	7	4	15	16	17	6	3
Aug. 13-19	5	19	14	4	12	5	3

Significant departures from quiet radio conditions are not foreseen before 10 September.

eastern dx roundup

Editor: Mike Milock,
Box 533
Lorain, OH 44052

DEADLINES: 9/22; 10/6; Then Weekly!

- *****
- 570 WACL GA, WAYCROSS 7/31 weak u/WNCN w/ID & c&w 0633. (SF-TN)
 - 1190 WANN MD, ANNAPOLIS in good on 8/7 w/soul mx ("The Super Gene Long Show") at 1905, this despite an hour before local sunset and a local stn on same freq. only 40 mi away. Verie back in only three days!!! (GA-NC)
 - WAVS FL, FT. LAUDERDALE under WANN but fair at 1905 8/7 w/the Bill Balance Show. (GA-NC)
 - 1220 WFAX VA, FALLS CHURCH a surprise on 8/7 in strong w/ weather at 1930 followed by promo for "Back to the Bible" and program called "You & the Law". ID as "Your Station of Inspiration". Veried in only two days!!!! (GA-NC)
 - 1230 WFAI NC, FAYETTEVILLE 7/23 fair w/ID & c&w 0400. (SF-TN)
 - WKYG WV, PARKERSBURG 7/16 good w/MoR, and AM & FM ID 0230. (SF-TN)
 - 1240 WFTN NH, FRANKLIN Fair 7/2 w/Red Sox BB 2230,36,38, 47,52, then atop 2304 w/spot for Griffin-Tilton Pharmacy, for Central NH, confirmed by Chuck Morgan, D.J. (PRM-NJ)
 - 1270 WMPM NC, SMITHFIELD 7/31 fair u/WXYZ w/s/on-SSB 0559. (SF-TN)
 - 1280 WIXI KY, LANCASTER 7/23 good w/s/on w/SSB & into nx 0600. (SF-TN)
 - 1340 WRWA PA, READING good 7/14 w/rock, "WRWA is my radio station" promo (new one, hi) 0130-0138, irreg. hrd. (PRM-NJ)
 - 1350 WZIX PA, YORK 7/30 fair on day rig u/WSLR w/rr & STD 0548. (SF-TN)
 - 1360 WOBS FL, JACKSONVILLE 8/18 s/on for ET-TT 0400 L&C o/WKAT/WDRG. (SF-TN)
 - WHJC WV, MATEWAN 6/29 SM good w/gospel mx & local spots 0640. (SF-TN)
 - 1380 WTVR VA, RICHMOND poor at 1915 on 8/7 with pop mx. (GA-NC)
 - WGSE NC, NEW BERN 7/30 fair o/WAOK at 0600 s/on w/SSB. (SF-TN)
 - WLRV VA, LEBANON 7/27 SM, strong w/s/on w/SSB. (SF-TN)
 - 1400 WINN MD, BALTIMORE good 7/15 w/soul mx, 10 speed racer contest, "Super Win" promos 0217-0225 when unID rr took over, all o/TTer. (PRM-NJ)
 - 1410 WDSK ME, CLEVELAND 7/29 several IDs 0231 during ET-TT-OC, strong o/WING. (SF-TN)
 - 1440 WKLV VA, BLACKSTONE 7/29 poor at 0600 s/on, no anthem. (SF-TN)
 - 1450 WCON GA, Cornelia 7/13 SM 0630 good w/SSB & s/on for AM & FM 99.3. (SF-TN)
 - WGNS TN, MURFREESBORO 8/4 strong w/ID by Wolfman Jack & into nx 0500. (SF-TN)
 - 1460 WKAM IN, GOSHEN 7/23 poor w/s/off 0152 following Cubs coast game, no anthem. (SF-TN)
 - 1490 WSDC SC, HARTSVILLE 6/30 fair w/s/off 0100, no anthem. Local WROL taking rare SP. (SF-TN)
 - WABJ MI, ADRIAN 6/30 0410 fair beginning "WABJ Information Nx" using AI logo. (SF-TN)
 - WSVM NC, VALDESE 8/11 very good o/WTUP at 0500 s/on w/no anthem, WROL off. (SF-TN)
 - 1580 WSRF FL, FORT LAUDERDALE 7/14, another ET-TT AN. (PRM-NJ)
 - 1590 WQTC MI, TWO RIVERS 8/8 atop at 2101 s/off for "15-Q" w/plug for "15-Q FM", gave PSA & day powers, no anthem. (SF-TN)
 - 1600 WTRU MI, MUSKEGON 8/12 atop at 0205 s/off w/SSB by Norman Johnson following NBC Nx. "WTRU" SID after SSB. (SF-TN)
 - WPOM FL, RIVIERA BEACH 7/15 talk, weak IDs 0206, 0215 u/WWRL carrier, TT. New. (PRM-NJ)
 - WWRL NY, NEW YORK CITY; Note, they have weekly MM s/off @ 0200 w/SSB but ETed soon after on 7/14. (PRM-NJ)
 - WTYM MA, EAST LONGMEADOW 7/14 caught end of s/off from ET 0233, blasting in, said they'd send QSLs. (PRM-NJ)

FOR THE LIST

- 970 KJLT NE, NORTH PLATTE 8/3 weak ID u/WAVE 0145 at end of r/c. 'Twas probably they w/several brief TTs between 0130 & 0145. (SF-TN)
- 1240 WCNC NC, ELIZABETH CITY 8/4 poor u/local WBIR w/ID 0019 on r/c-TT. Frequent breaks in TT, which ended 0025. (SF-TN)

BROUGHT TO YOU BY

- (SF)-Stephen Francis/1620 Lodge St., Alcoa TN 37701/ Realistic TRF w/built in loopstick
 - (GA)-Gregg Allinson/114 S. 5th St., Wilmington NC 28401/ Hallicrafters S38-C & LW; Aiwa 4 band portable w/ built in loop
 - (PRM)-Paul Mount/471 Emerson Ave., Teaneck NJ 07666/Ameco R-5 & 40' LW; Panasonic R-1551
- *****
- First off, welcome Gregg! Hope to hear from you often in the future! Well, another DX season is just around the corner! Remember to support ALL of your columns. One word of caution...send your DX to the right columns also! Foreign DX goes in Bruces' DXNW, NOT the Domestic Roundups! If you send your foreign stuff here, I'll send it on to Bruce, but remember...it might be old news by the time it goes from here to there! It just might get there in time to be to old to print....so make sure you send your various DX reports to the correct editors to avoid delays! Picked up a "new" addition to the shack recently....a circa 1936 "Sonora" BCB radio. We'll see what it's made of this coming fall....hi! 73 for now, and good DX to All!

NANCY HARDY, Editor

2301 PACIFIC AVE.

ABERDEEN, WA 98520

western dx roundup

ALL TIMES EDT

DEADLINES- SEPT. 13, SEPT. 27, OCT. 11, OCT. 18

REPORTERS FOR THIS ISSUE:

- (DJF) Derek J. Ford-4B-1385 West 15th Ave.- Vancouver, B.C.
Eddystone 830/2, Sanserino loop
- (NHP) Nick Hall-Patch-3272 Alder St.-Victoria, BC
Hybrid console rx, spiral loop
(NHP!) National HRO
- (BH) Bill Hardy- 2301 Pacific Ave.-Aberdeen, WA
Lafayette HE-30, SM-1
- (NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA
Lafayette HE-30, SM-1
- (KH) Ken Horne-2150 West 20th Ave.-Vancouver, BC
RCA A-4, 60' longwire & spiral loop
- (jo) John Oldfield-11617-81st St.-Edmonton, AB
- (JFO) Jon Orren-529 N.E. 83rd St.-Seattle, WA
Realistic DX-160
(JFO*) indicates Hammarlund H-150
- (bp) Bruce Portzer-7021 Sand Point Way NE #215- Seattle, WA HQ-180A, SM-2
- (ECR) Eric Rittenhouse-77 Linaria Way-Menlo Park- CA HQ-160, SM-2
- (KS) Keith Szot-555 Westwood Ct.-Vacaville, CA
National NC-183D, 50' longwire

- 550 KOAC OR, Corvallis 8/13 0140 voice ID, then classical mx till 0150. Good. (KS)
- 630 CHED AB, Edmonton 7/14 0447 o/CKOV w/fair signal w/rr mx, jingles, spots, time checks in MDT. IDs at "6-30, CHED). (JFO-WA)
- 650 KORL HI, Honolulu KORL very good 8/7 0655-0705. Seemed to have US rr song in SS type language to 0700. Came up for strong "KORL-Honolulu" ID on the hour. (ECR-CA)
- 660 ??? Something very weak here 0330 7/28 w/ fair strength o/usual KNBR. Maybe KSKY or KOWH? (ECR-CA)
- 670 KBOI ID, Boise 8/4 good w/radio drama 0221-0228, the annct for metric system. (KS)
- 680 CHFA AB, Edmonton new s/off 0305 daily, on 0800 (0900 Sun.). Watch for testing of new 10kw xmtr. (jo-AB)

WBK V

AM
FM

WEST BEND BROADCASTING CO. BOX 60 WEST BEND, WIS. 53095

KNBR

68 Fox Plaza, The Civic Center
San Francisco, California 94102

690 ???? Something very weak here 7/21 0630 w/
XETRA off for the first time in months.
Seemed to be mx but KNBR slop made it
impossible to be sure of anything. What
is most likely here? (ECR-CA) (NSP KKUA
in HI, most likely.--NH)

720 WGN IL, Chicago 8/4 0403 good w/nx, then
football rpt. to 0404. (KS-CA)

740 KRMG OK, Tulsa noted 0632 8/11 w/Tulsa wx
during KCBS SP. KCBS kept its usual
obnoxious OC & TTs off for a change.

780 KCRL NV, Reno has been off at / (ECR)
least 2 of the last 3 MMs around 0630
or so. Maybe a new SP. (As if anyone
really wants WBBM, hi). (ECR-CA)

790 KJRB WA, Spokane finally hrd 8/11 0440-
0515 w/rr and many IDs but few read-
able spots. KABC was off all AM leaving
this and CFCW until KGHL s/on 0700.(ECR)

790 CFCW AB, Camrose started fading thru KJRB
around 0455 8/11 w/C&W mx. Kept getting
stronger and was completely dominant
from 0510 on. DJ's name was Lyle Howe.
This was a good Northern night w/CHED,
CJCA and a couple of other unusual
Canadians noted. (ECR-CA) Again AN
MM 8/18 - NSP again??? (jo-AB) 7/21
0630 good signal o/u KGMI, mostly o.
Dominating the freq w/C&W mx, spots,
and ID at 0630. (JFO-WA)

800?KPDQ? OR, Portland almost surely the one o/
fading CKOK 0905 7/28. Caught one un-
clear ID which sounded like KPDQ.(ECR)

800 ?KBUH? UT, Brigham City KBUH seemed to be the
call of station w/s/on 0801 7/30 u/CKOK/
XEROK. Hrd definite SSB and 0800 should
be the right time for this one. (ECR)

810 KGO CA, San Francisco has taken to testing
MMs around 0600 w/bouncy inst mx. If
you've hrd something here it could be
this. Mx is so bumpy it tears up 770-
850, just what I need, hi. (ECR-CA)

820 WBAP TX, Fort Worth 8/4 good w/ID 0600, then
mx till 0604. (KS-CA)

830 KIKI HI, Honolulu good w/almost local
strength 8/7 0753-0800 w/rr & ID.(ECR)

850 CKRD AB, Red Deer on MM 8/18 - possibly AN-
NSP. (jo-AB)

860 WDMG CA, Douglas starting to be regular
again after long absence. First noted
8/8 0501-0522 w/wx 0504 and "Current
temp is 72° at WDMG". Format seemed
C&W. (ECR-CA)

860 KONO TX, San Antonio noted weak 0456-0503
8/8 w/song "Have you Got Cheatin on
Your Mind" to hour, KD and local nx.
WDMG s/on or pattern switch 0501
buried 'em. (ECR-CA)

860 CJBC ON, Toronto 8/12 0558-0607 fair w/
asstd noises, KTRB, and KTAC-850 slop.
0558 vocal O Canada in FF, s/on in FF
w/list of relays in ON, into CBC nx.
Had been classical mx from 0552 - CJBC
or who? (DJF-BC) Hrd again 0600 8/7
and several other AMs about that time
w/FF blasting KOAM/WDMG et al. I don't
understand a word of FF but have hrd
several call IDs amid the mess on this
one. (ECR-CA)

860 ???? Don't know if domestic or not but hrd
mx like KQRL uses on hour followed by
bird chirps coming up 0605 8/9. Can
anyone ID this? (ECR-CA)

885 KDOY WA, Seattle new pirate playing parts
of rr songs, erratic pauses between
them. Looped NW-SE at pb's TH, N-S at
mine. Per phone call to station, they
said they were testing and did not
announce any talking on air because of
lack of proper audio equipment.(JFO*)

920 KQEO NM, Albuquerque s/on message 0741 7/28
and into John Denver song. Had "K-Q 92
KQEO" ID 0744. Format seemed rr after
this. (ECR-CA)

920 ?KKLS? SD, Rapid City very tentatively the one
noted here 0747 7/21. I hrd what I'm
sure was a KKLS ID followed by song.
Being in Western SD it wouldn't be
too late for this one. Has it ever
been hrd on the WC? (ECR-CA)

920 KELP TX, El Paso fair w/s/on 0700 7/28 w/ID
as "KELP, EL Paso now rtns to the air.
KELP is o/o by Walton Enterprises and
Co.". Freq was wide open at the time.
(ECR)

940 KBRE UT, Cedar City 0000 7/29 w/s/off right
thru semi-local KFRE. This is 500 mi.
East of me. Who says Westerners can't
get some SSS reception to the East?
I've hrd this & KDLT on SSS. (ECR-CA)

940 CJGX SK, Yorkton 8/18 MM s/off after GSQ &
nx/wx 0205 (on 0800), freaky, chopping
up local CJCA-930. (jo-AB)

950 KIMN CO, Denver 6/30 0500 ID "KIMN" hrd
clearly, then deep mumbling hrd w/
fair signal after XEGM s/off a few
seconds earlier. (JFO-WA)

950 KJR WA, Seattle 8/25 noted off 0340 until
0445. (JFO-WA)

960 CFAC AB, Calgary blasting its way thru
KABL w/nx and ID 0800-0805 7/21.
This and something else making a mess
of my usually powerful local pest.(ECR)

970 CJYR AB, Edson now has Husky Truckers Hour
2-3am s/off MM. (jo-AB)

980 KVLV WY, Fallon noted good 7/25 2357-0015
s/off w/numerous spots and nx 0002-
0009. (ECR-CA)

1000 ?KKIM? NM, Albuquerque prob the one noted
fair u/KOMO 0808 7/21 in talk. (ECR)

1040 KHVH HI, Honolulu finally made it thru the
CC superpest 0805 8/7 in nx w/ID.
Shanghai buried it again 0805. (ECR)

1050 KORE OR, Springfield-Eugene 7/25 0030-0040
after local KOFY's 0030 s/off. Had
Mutual nx to 0034, then religious pgm
to 0040 tune-out. XED looped but still
a problem. (ECR-CA)

1050 *KBLE* WA, Seattle 8/19 0345-0446. Good o/CFGP
on BT w/TT, inst. mx and IDs. (DJF-BC)

1050 CFCP AB, Grande Prairie 8/17 noted still on
AN o/u XEG (in SS)--NSP. (jo-AB)

1060 KYW PA, Philadelphia 0441 8/18 w/nx update
on refinery fire, then public service
annct. Poor signal but no one else on
frequency. (KH-BC)

1080 ??? 8/18 0603 TT not as loud as KWJJ's which
was impossible to null. Every few sec.
the tone would break for a second or
so, then come back on. No IDs. KWJJ has
been known to test here on an irregular
basis, but this one was too weak to be
KWJJ. KSCO likely? (JFO-WA)

1090 XEPRS BC, Rosarito Superpest has been off the
last two 4th MMs, off 6/23 to 0400 and
7/28 from at least 0345 to 0430 s/on.
No WBAL (I'll even take CKKW, hi) yet
but I sure hope this is a regular SP.
(ECR-CA)

1110 KRLA CA, Pasadena 6/30 0704 w/Nitecap and
ID. (JFO-WA)

1130 CKWX BC, Vancouver 8/15 0100 ID, nx till
0105, then another ID. Good. (KS-CA)

1140 KRAK CA, Sacramento 6/23 0230 s/off loud &
clear w/no KGEM (s/off for them 0200,
MM SP) for regular xtrm maintenance.
No SSB. (JFO-WA)

1140 KSOO SD, Sioux Falls 6/30 0629 IDs and
mentions of South Dakota hrd o/CKXL,
rr mx. (JFO-WA)8/17 0605 S6/CKKL. (jo)

1140 WRVA VA, Richmond at times really belting
in 8/4 0508-0610. Had religion 0508-
0510 tune-out and got clear ID 0610
checkback. Got the ID on Sony portable
w/no external loop. CKXL off 0510 but
back on 0610 being killed by WRVA.(ECR)

1140 CKXL AB, Calgary in AN MM. (jo-AB) (8/18-NH)

1150 KDEF NE, Albuquerque 6/23 0331 pest KAYO off w/OC at 0328, ID thru OC at 0331 "This is Linda Corbett for KDEF" hrd plainly thru OC, contemporary songs, station promo at 0344. (JFO-WA)

1150 JKK EB, Brandon 8/17 Sun AM on AN w/no KAYO noted. (jo-AB)

1170 JKGY AB, Red Deer is NRP "KG" country mx.

1180 KOFI MT, Kalispell 8/4 0306 ID, / (jo-AB) s/off w/NA. Good. (KS-3A)

1180 WHAM NY, Rochester weak to good signal 0619 8/25 w/sports and wx. Some OKDA-1220 slop. (NHP!-BC) 8/4 fair w/KOFI off, hrd 0313-0320 when a man said "20 past 3, WHAM." (KS-CA)

1190 ?WOWO? IN, Fort Wayne maybe the station u/ KEZY 0520-0600 8/10. Seemed rr and ID at 0530 had apparent W---call. Might have been KRDS though. Who says this is an easy bet for IN. I look here every SM and never get anything but KEZY/KRDS. (ECR-CA) (I think WIRE is much easier to hear than WOWO.--NH)

1210 KGYN OK, Guyton 8/18 0658-0705 fair w/OKDA-1220 slop. Local nx, tone on hour, into UPI nx; soots for Montgomery-Wards in Northridge Shopping Center. First time heard. (DJF-BC)

1220 CJOC AB, Lethbridge 8/17 Sun. off AN. OKDA on SG. (jo-AB)

1230 KMOR UT, Murray fading thru the heap 0614-0615 7/30 w/nx and "KMOR" jingle. (ECR)

1240 KMEY CA, Monterey 8/25 0330-0340 fighting JFVR until 0337 s/off then reasonably good but with murky graveyard audio.

1240 CKPK BC, MacKenzie 0708 8/25/ (NHP!-BC) ?? to CKPG, ID "for 30 years a sound citizen of Prince George, this is CKPG", o/KEMY & mess. (KH-BC)

1250 KUKA TX, San Antonio s/on no anthem 0704 7/7, Radio KUKA ID, then SB pgm. (bp)

1250 *KTW* WA, Seattle testing most of MK 7/14 w/OC, TT, rr mx & relay of K2OK-FM.(bo)

1260 *KPOW* WY, Powell 8/14 0204 ID, testing w/TT. Live ID 0211. (NH-WA)

1260 CFRN AB, Edmonton again AN AM 8/18 - NSP again?? (jo-AB)

1270 KTFI ID, Twin Falls good 0348-0350 w/ID during wx report. (KS-3A)

1270 KWRL NV, Sparks coming up w/ID 0004 7/28 as "KWRL, Sparks. 1270 K-Whirl where every song is a solid gold hit". (ECR)

1280 KVOV NV, Henderson did double take when I hrd this w/weird inst. rr 0609-0637 8/7. VJ Log says daytime only, but I guess it changed. Mostly atop freq. w/ slight KIT QRM. (ECR-CA) (Could they have been on for an ET?--NH)

1290 KCUB AZ, Tucson w/ID 0731 7/28. (ECR-CA)

1290 KWNS KS, Pratt noted o/KCUB w/spot 0717 7/28 mentioning "...here in Pratt". (ECR-CA)

1290 KGVO MT, Missoula 8/17 Sun. noted AN. (jo)

1300 KYNO CA, Fresno 6/30 0400 rr mx, spots, jingle "KINO plays the hits" ("I" is long), ID hrd when KOL off, mixing w/ KOZE. (JFO-WA)

1300 KMPS WA, Seattle Billboard 8/30 issue says will be on the air using these call letters w/country format 9/1. Ex-KOL, rock format for many years. Sister stn of KRAK-1140 Calif. Look for possible AN-NSP hours change. (BI-WA)

1310 KDIA CA, Oakland 8/18 0800-0803 fair w/KEIN. S/on, into an hour of rel. mx. (DJF)

1310 ?WIFE? IN, Indianapolis assumed the one w/ NNIS all nx 0540-0635 7/28. Got a fairly solid WIFE ID 0633 before it went back to NNIS. It's possible that the ID and the NNIS were from different stations. Would some central member tell me if WIFE or any other 1310 stns are now NNIS? (ECR-CA)

1310 KNOX ND, Grand Forks 8/18 0625 C&W/MOR mx, poor o/WRR, sung ID. (KH-BC)

1310 WRR TX, Dallas 8/18 0536 "All news radio", CHQM-1320 off. (KH-BC)

1320 KCRA CA, Sacramento 8/18 0830-0846 fair in between CHQM OC going on & off (CHQM off most of 0300-0900 both 8/18 & 8/19 because of equipment trouble). Stn nx 0830, freq. "K-C-R-A newstime 5:38" type IDs every couple of min., into ABC network nx at 0845. (DJF-BC)

1320 KCLT NE, Scottsbluff 8/20 0705 w/nx and ads for a pharmacy "in downtown Scottsbluff" good signal on top of KCPX for a few moments. CHQM off. (NHP!-BC) 8/25 0359 time check apparently CDT, surprised me; C&W mx, in partial null of CHQM. CBS nx, ID at 0359. (JFO-WA)

1320 KBLO SD, Sioux Falls 8/18 0643 wx, poor w/ KCPX null. (KH-BC)

1320 KCPX UT, Salt Lake City 8/18 0518 rr w/exc. signal. CHQM off. (KH-BC)

1330 KFAC CA, Los Angeles 8/18 poor u/KFH 0520-0610, fair o/KFH 0735-0750 w/Classical mx, spot for San Fran. opera 0742. (DJF)

1330 *KWVL* IA, Waterloo 8/18 0545-0550 poor u/KFH, KFAC w/ET. TT, ID at 0549. (DJF-BC)

1330 KFH KS, Wichita 8/18 0518-0551 fair w/KFAC. Mostly rock mx, lots of local spots. Noted CBS network nx at 0600. (DJF)

1330 KFH KS, Wichita 8/18 0610 promo for Labor Day Skate-a-thon for MD, all alone on freq. w/excell. signal. (KH-BC)

1340 KBET NV, Reno ID 0657 7/25 while looking for CFKC. Had C&W mx. I know this is only 190 mi away, but for some reason it's rare here, only having been hrd twice in the past 2 years. (ECR-CA)

1340 KBBR OR, North Bend s/on 0800 7/7 o/u QRM. (bp-WA)

1340 CFKC BC, Creston a huge surprise fading o/ the GY mess w/one "CFKC" jingle then back under, 7/24 0633. First thought the jingle was for CFAC as was not quite clear. My 2nd BC GYer. (ECR-BC)

1350 KKAM CO, Pueblo 7/14 s/on 0706 in the clear. (bp-WA) Good w/s/on 0704 6/30. At 0700 I hrd a possible O Canada & there was another SSB at 0706. Any ideas? (ECR)

1350 KRRT IA, Des Moines 8/17 0620 S5 w/other garble..no KRLC/CJDC. (jo-AB)

1350 KABQ NM, Albuquerque 7/28 0700 s/on weak but clear w/SSB. (bp-WA)

1350 CJDC BC, Dawson Creek 6/30 0315 fair sig. w/C&W and a murky public service annct only competition was from amorphous CBU LPRT(s), most likely in Squamish and Tahsis. (NHP-BC)

1350 CKLB ON, Oshawa 8/18 MM, rare, briefly o/ CJDC 0302. (jo-AB)

1360 KSCJ IA, Sioux City 0700 8/25 sung ID then into ABC Information News. (KH-BC)

1360 KRKK WY, Rock Springs s/on 0655 7/14, then nx&wx and "K-Rock" IDs. (bp-WA)

1370 *CFOK* AB, Westlock 8/17 ID as simply "OK Radio, Westlock--Barrhead" testing w/ mx all night 8/15-16-17-18...few IDs but used song titles as its taped mx.. may never use full calls. (jo-AB)

1370 CHPQ BC, Parksville 8/17 noted AN //CHUB, but supposed to go it alone u/new owners soon. (jo-AB)

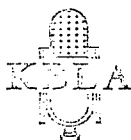
1370 CJWW SK, Saskatoon watch for AN testing, beams NE-E (protects OK). (jo-AB)

1380 WMEE IN, Ft. Wayne fair-good w/KTOM null. w/rr 0452 8/9. KRKO off but testing w/intermittent TT. Unneeded. (bp-WA)

1390 ???? A atn noted coming up 0457 7/21 into mx. Had wx 0459 & was lost 0500. Came up abruptly 0457 like a power or pattern change. KCB or something more glorious? (ECR-CA)

1400 CKGR BC, Golden 6/23 0500 hrd ID in passing, ??CKWR. (JFO-WA)

1420 KTOE MN, Mankato 8/25 0700 hrd mention of MN, KTOE IDs in complete null of super-pest KSTN. Had talk, probable mx, type unknown. (JFO-WA)



- 1420 *KYNG* OR, Coos Bay 8/10 0454-0505 fair on BT w/bad CFUN-1410 slop. TT, some vocal mx, ID at 0500 by a woman (first liberated ET I've hrd.) (DJF-BC) 8/19 0522-0546 fair o/KSTN w/CFUN-1410 slop. On ET again w/TT, rock mx and frequent IDs (this time by a man.) (DJF-BC)
- 1425-1430 Het cutting up KOSI AN 8/17 0415... thought Thule moved. (jo-AB)
- 1430 WIRE IN, Indianapolis 8/11 0538 reasonably good sig. w/occasional fades. Pop mx, ads, nx and wx at 0545. WIL s/on 0557 wiped it out. (RHP-BC)
- 1430 KTYN ND, Minot 7/21 0700 s/on w/SSB is most informal one I've ever hrd as DJ immdly goes into talk about fishing, then into informal "Good Morning", ID & nx.(JFO)
- 1450 *KXXL* MT, Bozeman 8/18 0359 r/c hrd per list.
- 1450 KXXL MT, Bozeman noted AN 8/17 (JFO) w/C &W mx. (jo-AB)
- 1450 CKYR AB, Jasper now has Husky Truckers Hour 2-3am s/off MM, same as CJYR-970.(jo)
- 1460 KRNY NE, Kearny 8/18 0701 s/on no SSB, hrd w/fair signal "This is KRNY, Kearny, NE. Studios and offices are located at Second..." fade. KDON KMWX weak. (JFO)
- 1470 KDHN TX, Dimmitt a surprise 0730-0800 8/11 while looking for KWIV. Had several clear IDs including one at 0758 when LT at the stn was almost 0700. Sun must have been up there for some time.
- 1470 KELA WA, Centralia-Chehalis (ECR) w/s/on 0759 7/28 giving FM freq as 102.9 and power as 28,500w. (ECR)
- 1470 KWIV WY, Douglas ex-1050 noted at s/on w/SSB 0730 7/21 fair but clear. Gave power as 1000/500 watts. (bp-WA) Finally did poke thru KDHN 8/11 0753 w/"...on KWIV" mention. (ECR-CA)
- 1470 ???? Stn here 0600 8/4 w/inst SSB and usual big fade w/in 1 second of end. Good EC night and about 6 possibilities. Anyone listening here this morning? (ECR)
- 1480 KGCX MT, Sidney 6/23 0658 s/on ment. Jingle "best mx, sports, programs on KGCX Radio, 14-80 on your dial". No SSB. (JFO-WA)
- 1480 *KLMS* NE, Lincoln hrd w/test 7/14 ID at 0448 and 1000Hz tone off and on o/WISM.
- 1480 WHBC OH, Canton 0500 8/25 s/on (ECR) w/inst. SSB followed by ID and "WHBC News". Fighting w/still Unid TT.(NHP!)
- 1480 KBOX TX, Dallas 8/25 0414 sudden jump o/TT and odds & ends w/ID. Wish they'd all do that. (NHP!-BC)
- 1480 KONI UT, Spanish Fork atop w/s/on 0802 8/11 w/YL and then local nx. Something o/u it but I forgot who. I think KELA. (ERC-CA) (Nope, KELA is on 1470.-NH)
- 1480 WISM WI, Madison finally hrd 7/14 0434-0500 w/rr and clear IDs 0434 and 0456. KLMS testing from 0445 on made things rough. have looked for this every MM for months but never a peep before. My 1st WI for state #42. (ECR-CA)
- 1480 CIFJ-CHLD BC, Ft. St. James & Grandisle 8/25 0410 Central Interior Radio IDs, TCs and MOR mx. Nulled Unid TT (KLEO?) and misc. mush. Pretty fair, consistent strength. Some 100w total! No sign of CJCI on 620 though. (NHP!-BC)
- 1480 ???? 8/17 0400-0445 who is the YL AN DJ (badly hetted by 1475 0400) (jo-AB)
- 1490 KRNR OR, Roseburg 7/25 0719 w/ID atop GY.
- 1490 *KVAO* WA, Forks 8/4 0325 r/c / (ECR) was on 0315-0330, 30 min. earlier than listed in f/c list. Code IDs every 15 seconds or so. (JFO-WA)
- 1490 CJPR AB, Blairmore 0528 8/4 consistent for 20 min. w/C&W, Husky Oil ads and CJOC IDs. Very little of usual graveyard QRM. These people veried in 6 days.
- 1500 KSTP MI, St. Paul good 8/11 / (NHP) 0315-0700 w/KXRK off for longest time ever. Had talk till 0400 and rr after. XERH and someone else u/it. Who is the UnID? (ECR-CA)
- 1510 KDKO CO, Littleton 8/17 AN 0600 "Mile High Soul", /3 Unid. (jo-AB)
- 1510 KGA WA, Spokane 8/17 Sun. s/off 0600 and said on 1000--then AN6. (jo-AB)
- 1510 ???? Something weak here several times 0500-0730 SM 7/13. KGA off all AM leaving this open. UnID didn't seem strong enough for WLAO but I suppose it could have been. Around 0600 I hrd possible FF very tentatively. This could be CJRS but nothing else hrd seemed to be FF. (ECR-CA)
- 1520 KASY CA, Port Hueneme 6/22 0631 Mentions of "Casey" several times, various spots mentioning Calif. assembly locations in the Ventura area. Rr mx, no sign of KOMA. (JFO-WA)
- 1540 KZAM WA, Bellevue raised power from lkw to 5kw at 1943 7/3, preceded by long spiel about how "our listeners in Pago Pago will hear us much better now". (bp-WA) 8/25 1157 ex-KBES, MOR, poor sig. (KH)
- 1550 KQXI CO, Arvada 0809 8/25 poor u/KRGO w/Denver wx. (KH-BC)
- 1550 CBE ON, Windsor 8/4 0459 "O Canada" foll. by ID and nx. Fair signal but mangled by WOKJ s/on at 0500. (NHP-BC)
- 1550 ???? Tester here 7/28 0305-0325 w/back to back rr and no apparant IDs. Anyone know who it was? (ECR-CA)
- 1560 WDXR KY, Paducah 8/23 0403 on AN? Hrd ID, rr-ish MOR mx during CBS nx on KKA. KY #2. Surprise. (JFO-WA)
- 1560 KQYX MO, Joplin fighting thru KKA w/s/on 0700 7/12. They're still using a s/on tape stating power as 250w, but have been 10kw for some time (per verie from last summer). (ECR-CA)
- 1600 KLAT CO, Centerville 8/25 0800 s/on o/KLAK. (KH-BC)

I can't complain about lack of contributions for this issue. My fingers are numb from typing. hi. Remember that all times used in WDXR are EDT, and please report in same form as shown in WDXR. 73

~~~~~Editor: John Zondlo

## central dx forum

~~~~~6617 Maryland

~~~~~Hammond, IN 46323

Scott Mentzer-Rt. 3-Tylertown, MS 39667

DXing was getting better here, but then fell into a slump, like the Padres do (hi ASL). I thought that CBM was NSP, but I heard their s/off. I've been looking in some earlier DXMs to find some information, but none was to be found on CBM. Besides that TENTATIVE catch, nothing on the band. Though DXing is bad, the veries keep coming in. A few include KLUF, WBBK, WYOU, WKKO, and WBBB. A new GE is at WBBB as he just came down from Pittsburgh. If you sent a report earlier, you can send in a new one and get a card or letter. He said he would be happy to confirm any reports that would be correct. Have fun getting them over QRN. I've tried to get some DX tests slated for this winter, but no luck so far. Well, better go back to the receiver. Want to say congratulations to Tom Butas. Good luck to all and 73...

Walter Kuenast-6304 Belo Horizonte-Austin, TX 78731

Greetings. I am writing this Forum from Hot Springs, Arkansas, where I am employed by the US Army Corps of Engineers for the summer. According to the local paper, KLRA 1010 went NSP on July 21 (ugh). I'm anxious to begin working on the Graveyard segment of DX Records. Send your entries and ideas to the Centexdx address listed in the June Monitor. Since I have been absent from these pages for about a year, I'll give you an intro. I'm 19, a sophomore at UT, majoring in EE. My DX interests include ECB, SWL, and TV. At present, my equipment includes a Sharp Z-2500 portable, a 3 foot box loop, and a Sony tape recorder. I plan to be in the market for a new receiver this fall. That's all for now. 73's.

Charley Keleher-3924 Sleepy Hollow-Ft. Wayne, IN 46804

The convention is over, and I hope everyone enjoyed it as much as I did. Perhaps now we can get down to business. If a rate increase is necessary to maintain the present number of issues, I say let's have it. Since the possibility was announced, I have not seen a single forum contributor say he would be able to stay with the club for \$9 a year, but not for \$12. If such persons exist they had better speak up. As I see it, the club will lose more members if the quality of service falls off, than it will gain by pinching pennies--\$3 a year is 6 cents a week, roughly. And speaking of quality, I am grateful to all who contribute to our bulletin, but sometime it seems there's an awful lot of stuff that just isn't related to DX. A little "old time radio" is interesting but too much is too much. Those who joined IRCA because it was a present day ECB DX club have a right to see that it remains mostly just that. Also, I have read some forum reports which are completely a waste of space as regards helping the majority of club members in pursuing their hobby. One fellow (who has been with this hobby much longer than I) told me he thought most contributors to roundups, forums, etc. were just ego-tripping. Sometimes it does look that way, but it needn't be. The next time you decide to write in, ask yourself: Am I doing this to help the club and/or my fellow DXers, or just to see my name in print? Well, JCK has had his say. Keep hitting the dials, gang, and make IRCA just a little better DX club than it was last year. 73-Charley.

Rob Harrington-3181 S. York St.-Englewood, CO 80110

Greetings from Englewood. I have been inactive in ECB & SW DXing for over a year now, but I hope to change that this fall if all goes ok. I am currently trying to compile a list of DXers in Colorado, and trying to get all of them in a group. At this time we are calling it the "CADX" that stands for Colorado Association of DXers. We now have 25 members, there are no dues to speak of, but I will take any donations that are offered. If you're in Colorado, and not on the list, then send in your name & address to me. That's all for now, my next report will be before Nov. 1975 - 73s R H CADX (By the way Rob, there already is a "CADX"- the Chicago Area DX club.-jz)

Gregg Allinson-114 S. 5th St.-Wilmington, NC 28401  
Well, as they say in Edmons, Wash., you can't keep a Good dxer Down. After an absence due to lack of time, interest and money, of a year and a half, I'm back into IRCA. After receiving my first bulletin I noticed along with the old familiar names a lot of new ones too, so I should introduce myself to them. Am 25, married ( 2nd time around), originally from California, now having lived in N.C. for 2½ years. Am presently program director of WMPD here in Wilmington, where I've been going on two years now. We are a CBS affiliate and MoR. I originally got bit by the DX bug when I lived in New Zealand, where I'd stay up after all the NZBC stations would sign off and try to pick up the Aussies. Have also twirled the dials (although not seriously until 1970) in Turkey, Germany, California, & Florida. I was surprised to see a switch in leadership of the DXM from San Diego to Seattle. I was still in the club when the SD group took over. They certainly deserve more than thanks for their fine efforts on every member's part. I know the Wash. team will keep up the good work. It's been so long since I've written a DXF I don't know if I'm over the line limit, but it seems pretty close. I welcome all correspondence or questions about Carolina stations, S.C.'s etc. Also, I have some goodies (stickers, S.C.'s) for the first few people who want them. Good season to all.

**WFBC-AM-FM**

505 RUTHERFORD STREET P.O. BOX 788  
GREENVILLE, SOUTH CAROLINA 29602

Larry V. Flegle-25 NE 185th Terrace-N. Miami Beach, FL 33179

Hi gang. Note the new address. I have moved here on my new job with the Internal Revenue Service. Hope to have my shack set up soon. Also, "Good Old Days of Radio" will be back in these pages shortly. On the topic of the Columbus convention, I had a great time. To my surprise (Hi), I am not the world's greatest paddle boat racer. Seriously, I enjoyed meeting all the troops and talking about one of my favorite subjects (DX). Thanks to Randy for hosting the convention. I hope to make convention attendance a habit in years to come. My schedule is tight, so that's all folks. 73's

John Zondlo-6617 Maryland-Hammond, IN 46323

Greetings. The next two deadlines upcoming for CDXF and EDXF are 9/12 and 9/26. The Hammond address is effective for the time being, but who knows where I'll be by the end of the year (probably still in Hammond, hi). Great seeing many old friends and meeting people I've corresponded with and seen in the DXM. Randy is to be commended for his fine job in hosting the convention. The turnout was a bit disappointing, though, especially from Ohio and the neighboring states. What's a matter with you guys, eh? Hope to see many folk at next year's convention, wherever it will be. I'm starting to save up my pennies for it already, hi. Disney World in '76? Could be. Thanks to all of those who voted for me in the elections. Please, let myself and the other board members know how you feel about the issues concerning IRCA. Well, must get on outa here and get DXing. See Y'all in 2 weeks.....

Typed at Headquarters, since there doesn't seem to be an EDXF any more.

George W. Jensen, 4604 Anntana Ave., Baltimore, MD 21206

Greetings and a great DX season to all. Many thanks to all for the great response in the last general club election. May the response be even greater in the next election. Expect to become a little more active in the DX department in the coming season now that a new rig has been purchased. It is a Zenith Trans-Oceanic Portable with LW, MW, SW, FM, and VHF Weather. The selectivity so far seems great - more than I expected. It has a selectivity switch which very effectively eliminates adjacent frequency interference, thus enabling greater results in getting those elusive TA's. Recent results are most promising. (see DXWW). The few veries received since last report are: v/q KWMT for test. That's all for now - 73's.

#### BARLOW-WADLEY ACTIVE ANTENNA

The following appeared in the June issue of DX News, the official organ of the South Africa DX Club, as submitted by Denzil V. Baker.

The big happening this month comes from Durban and concerns all Wadley owners. OM David Hotchkiss has designed an ACTIVE FERRITE ROD ANTENNA which makes the Wadley come alive on the MW band....but let me quote OM David:

"Many SADX members own the Barlow-Wadley XCR-30 receiver. This excellent radio with unique frequency read-out falls off in performance on the MW band. This is because a simple telescopic antenna is unsuitable for these low frequencies. To solve the problem I designed an active ferrite rod antenna which gives considerable improvement to reception with or without an external antenna. It is directional which is a great advantage on the crowded MW band.

"The circuit consists of three stages; the first a high impedance input selective mosfet amplifier, the second a high gain transistor amplifier, the third an impedance transformation stage.

"The unit, fitted in a small plastic module, plugs into the existing antenna and earth sockets on the Wadley and works off its own small 9 volt battery.

"I have facilities to make these units and also intend to make the unit so it can plug into the antenna socket of other receivers, however I cannot guarantee results on these sets.

"As far as price goes, I intend to set a price of R15 (approximately \$22) which includes postage within South Africa and Rhodesia."

OM David is a Bsc Eng and is at present building a synthesizer version of the Wadley concept with all the trimmings. Enquiries to: Active Antenna, P.O. Box 54, Gillitts 3603, Republic of South Africa.

# the AD-VISOR

247 N. FIRST ST., APT. 27

EL CAJON

ALBERT S. LOBEL, Editor

SPECIAL ANNIVERSARY ISSUE CA 92021

With this issue of the "AD-VISOR" the column is one year old. It has been a great year for the "AD-VISOR" and I expect an even better year in the year to come. A few honorable mentions for the best and most contributions are in order: 1) Thomas R. Sundstrom for the most ads (15), Mike Heppe, runner up for the most ads (11); 2) Don Erickson for the longest ads; and a very special award to the entire BoD who without their vote for the column there would have been no "AD-VISOR".

## wanted

Just joined IRCA! Would like copies of DXM dating from January 1975. (RD)

One or two old issues of the Batesville Shortwave Association, any issue. Will pay \$1.50 for one or \$3.00 for two. (RH)

Operator's manual for Hallicrafters S - 38 A. Will pay for original or photocopy. (DK)

Does anyone have the book, Ionospheric Radio Propagation, by K. Davies (NBS Monograph 80)? I would be willing to purchase it at above original GPO price. (RE)

## SALE

Fall 1969 Radio Amateur Callbook, 632 pages, \$6, PPD. (GN)

Two - Midland Model DC4810A86 walkie-talkies sold under the Western Auto Brand Name, 100 MW 2 channel (beeper call system) "adapt. jacks" for (AC convertor/charger) (not included) both have channel 11 transmit and receive plus channel 14 receive. One has a broken antenna but has a Radio Shack Universal type base loaded replacement antenna. Both are in good working order. Plus 2 - channel Master Model 6429 walkie-talkies, 1 channel (channel 14) 100 MW, needs some work!! All for \$35.00, PPD in USA. (GRW)

Heathkit GR-78, 6 band LW, MW, SW receiver. Quite sensitive on MW, not as good on SW. Fair to good condition. Built in rechargeable battery does not charge but works good on AC. Also, SSB does not work. Manual included. \$75 postpaid. (RAL)

Heathkit SW-717, 4 band MW, SW receiver. Poor condition, not recommended for any serious listening. Has many image problems. Only use is listening to local stations or high powered SW stations and then only with headphones. \$15 postpaid. (RAL)

Broken SM-2 Space Magnet antenna, AC version. Was unable to figure out what was wrong with it myself, but perhaps someone who is more technically minded could. Used less than a half a year. \$20.00 postpaid. (RAL)

Booklet, "The Experimenter "QRP" Band" by Ken Cornell. This book contains information on Long Wave QRP transmitters and receivers. Original (sic.) cost \$2.00 -- sell for 75¢, prepaid. (TB)

Two copies of 1974 HTL @ \$4.00 ea., ppd. or will trade for any 1973 HTL. (DRB)

IRCA HQ has only 6 Foreign Log Volumn 1 left for only \$2. We also have lots and lots of Volumn 2's and 3's for only \$2.75 and \$3.50, respectively, or all three for only \$6.75. Hurry before we run out.

## Trade

Will trade WBHP bumper stickers for other. One for One in trade. Only eight to trade. (TB)

I have WOKY, WZUU, and WMAQ surveys that I will trade for surveys from your local stations. Just send me your surveys and I will respond with an equal number. (RAL)

# KSSS RADIO

P.O. BOX 2589 • COLORADO SPRINGS, COLO. 80901

## AND NOW FOR THE BUYERS AND SELLORS

- (RD) Richard Dale, Box 218, R.R # 2, Buffalo MO 65622
- (RH) Rob Harrington, 3181 S. York Street, Englewood CO 80110
- (DK) Doug Kowalski, 2035 S. 58th Street, W. Allis, WI 53219
- (RE) Richard Eckman, 1611 E. Mt. Pleasant Avenue, Philadelphia PA 19150
- (GN) Gary Nuthals, 1155 Mather Street, Green Bay WI 54303
- (GRW) G. R. Weinstein, Post Office Box 52, Golden City MO 64748
- (RAL) Robert A. Lazar, 1109 Niesen Road, Port Washington WI 53074
- (DRB) David Ball, 62 Lexfield Avenue, Downsview ON CANADA M3M 1M5
- (TB) Tom Butas, 5612 Alta Dena Drive, Huntsville AL 35802

THIS IS THE LARGEST NUMBER OF CONTRIBUTORS TO DATE; AN EXCELLENT SHOWING FOR THE AD-VISOR'S ANNIVERSARY ISSUE. MY SINCERE THANKS TO ALL WHO CONTRIBUTED TO THIS ISSUE AND THROUGHOUT THE PAST YEAR.

NEXT DEADLINE: 10 SEP; issue may be delayed due to my possible upcoming move!

RADIO PARK (Birdseye Road, Farmington, Connecticut), the home of RICH MUSIC, Radio Station WRCH. This powerful, 5,000 Watt Station broadcasts 24 hours a day at a frequency of 910 KC, covering the State of Connecticut... popularly known as "Hartford's good music Station."

### RECEIVER REVIEW

R-392 by Ralph Sanserino

A little something from the service manual for the reader to digest. The R-392/URR is a high performance, compact, rugged receiver designed primarily for Army vehicular use. The receiver is immersion-proof and is sufficiently rugged to withstand parachute delivery when mounted in a 1/4-ton, 4x4 truck prepared for parachute drop, or in a standard type of U.S. Army parachute delivery container. As you can see it's rather sturdy.

#### TECHNICAL CHARACTERISTICS....

Type of Circuit...Triple conversion superheterodyne on eight lowest frequency bands, double conversion on all other bands.

Frequency Range...500 kc to 32 mc in 32 bands of 1 mc each except for 1st band, which covers 500 kc to 1 mc.

Type of Signals Received...A1 cw, A2 mcw, A3 voice, F1 frequency shift keying.

Number of Tubes...25.

Intermediate Frequencies...First variable IF 9 to 18 mc.

Second variable IF 2.5 to 2 mc on .5 to 1 mc band, 3 to 2 mc on all other bands. Third IF 455 kc fixed.

Selectivity...8, 4, and 2 kc bandwidths nominal.

Type of Tuning...Continuous; frequency reads directly on countertype frequency indicator.

Method of Calibration...Built-in 100 kc crystal calibrator.

Sensitivity...500 kc to 1 mc - 9 uv or better. 1 to 2 mc - 7 uv or better. 2 to 32 mc - 5 uv or better, for 10 milliwatts output with a 10 to 1 signal-plus-noise to noise ratio.

Power Input...28 volts at 3 amps DC.

This receiver has been noted on the surplus market for \$120 to \$200 depending on condition, in almost any condition this receiver is a good buy. After using the 392 for almost a year now, I find it to be an excellent DX machine. Operation is easily mastered and maintenance should be of no problem to most if the maintenance manual is purchased with the receiver and followed to the letter. The receiver works fine on short-wave with either a vertical or random length longwire. For broadcast band DX I would use an un-amplified box loop. If an amplified loop is used be sure to watch for front-end overloading, as with 2 RF amps the front end is fairly hot. The 392 has good selectivity, sensitivity and the frequency read-out is excellent. If you decide to buy this fine piece of DX gear, be sure to get a maintenance manual, LS-166/U speaker and power plug to fit the 392s power input jack, a 5 amp 28 volt DC power supply does the job nicely. If you are in the market for a receiver don't overlook surplus, R388s, R390s, R390As, R392s all very good DX machines.....Good DX.

Ads for these receivers have been seen in 73, CQ, S9, QST and Ham Trader.



DX

Worldwide



BRUCE PORTZER, Editor

All times GMT Deadlines 9/15 9/29

7021 Sand Point Way NE, #215 - Seattle, WA 98115 - (206)522-2521

REPORT FROM TAHITI - Jim Albrecht. On vacation in Tahiti, Jim pens the following:

Hello again from the land of beautiful islands and smiling faces. Trip dates this year were July 11 to Aug 2 which is during Tahiti's winter. DX was attempted on 5 of 6 islands visited. Cx ranged from very poor on Bora Bora (much line noise) to xInt on Huanine where Zedders and Aussies dominated. Most other stns hrd were US & Canadians. Lots of IAs were also noted but don't understand the SS. This report contains DX from the islands of Huanine, Rangiroa (a large atoll) and Moorea.

- 590 AUSTRALIA, Brisbane, 4QR 7/15 0803-13 fair w/ID & PSA, local & US pop mx.
590 HAWAII, Honolulu, KGMB 7/15 0851-55 fair w/spot & SID. MoR mx, mostly oldies.
600 COOK ISLANDS, Rarotonga, ZKLZC 7/16 0554-0600 good steady signal w/relig pgm, spots & ID "You are tuned to the sound of the Cook Islands". EE & Polynesian mx followed ID.
740 AUSTRALIA, Sydney, 2BL 7/15 0819-22 poor w/TC "19 past 6 in Sydney", local pop mx.
740 U.S., Houston, KTRH 7/30 0913-15 fair w/mx, sports, wx by YL, then ID.
870 HAWAII, Honolulu, KAIM 7/26 0910-13 fair w/ID & relig spot, MoR mx.
900 CANADA, Victoria CJVI 7/25 0812-14 poor in briefly w/TC, ID & country western mx.
950 U.S., Houston, KPRC 7/26 0555 poor, quite brief w/ID & Oldie by Della Reese.
980 U.S., Los Angeles, KFVB 7/25 0808-10 fair w/ID & loc mx.
1000 U.S., Seattle, KOMO 7/30 0857-0900 good w/"Voice of Komo Country" ID, MoR mx.
1020 U.S., Los Angeles, KGBS 7/27 0555-0612 good w/Hank Williams story, format now "KGBS Big Country". Used to be talk on MM's.
1040 HAWAII, Honolulu, KHVH 7/27 0608-10 fair w/slogan "KHVH all nx 24 hours every day", then national news.
1060 NEW ZEALAND, Gisbourne, 2ZG 7/14 0602-06 poor-fair w/news, weather & ID, rr mx.
1070 NEW ZEALAND, Auckland, 1ZB 7/14 0654-0700 fair w/rr mx, then "1ZB HotLine News."
1110 U.S., Omaha, KFAB 7/13 0503-12 poor w/ID & TC. MoR.
1120 AMERICAN SAMOA, Leone, WVUV 8/1 0703-10 fair w/R. Samoa ID & "WVUV, The Bright & Shiny Sound of the South Pacific" slogan, U.S. mx & rr mx.
1180 U.S., Marathon, VOA 8/1 0428-31 fair w/SS pgm & ment. of U.S.A. followed by Yankee Doodle.
1180 NEW ZEALAND, Gisborne, 2YW 7/14 0835-45 good w/local & regional nx, wx & Radio New Zealand ID.
1290 U.S., Wichita Falls, KTRN 7/26 0550-52 poor w/KTRN 20-20 news, then sports.
1310 HAWAII, Kahului, KNUI 7/27 0618-21 fair-good w/PSA, rr mx on Big Mac request show.
1385 PHOENIX ISLANDS, Canton Island, WXIE 8/1 0729-35 good w/"Crusaders for Freedom" pgm, then AFRTS & WXIE IDs, MoR & Jazz mx after.
1410 CANADA, Vancouver 7/31 0758-0800 fair w/C-Fun promo, rr.
1510 U.S., Nashville, WLAC 7/26 0515 poor w/"The Mighty 1510, WLAC" slogan, rr mx.
1510 U.S., Spokane, KEA 7/26 0855 fair w/wx, mention of 50 kw sound of Spokane, cw music.
1540 U.S., Los Angeles 8/1 0713-15 good w/ID for AM-FM, Inst mx
1550 AUSTRALIA, Emerald, 4QD 7/15 0745-0800 good w/Brisbane Stock Report, ID & 6 pips at 0800. Like a local after 0900.
1590 U.S., San Jose, KLIW 7/29 0833-35 fair w/nx & ID, rr mx.
1590 NEW ZEALAND, Auckland, 1XI 7/15 0910 fair w/World Tomorrow and spot mentioning Auckland 1 address.
1600 AUSTRALIA, Wangaratta, 3NE 7/16 0839 fair briefly w/ID & TC, rr mx.

ATLANTIC DX ROUNDUP

- 818 MOROCCO, Rabat I very strong 0130-0150 7/4; frequency measured as 818037.8+0.2 Hz (mean of 5). Those looking for Zambia will have no difficulty distinguishing it from Rabat; latest EBU value for Lusaka is 817948.1.
1525 USSR/Unid IA, RR stn noted w/fair sig 0035 f/in to 0055 f/out 6/13; no IS or ID noted this date. Stn w/similar programming (mostly operatic & light classical mx, man & woman ancrs) noted w/stronger sig from tunein 0028 6/16; vibraphone-type IS noted 0030 several times,

not that of R. Peking; fade out 0050 this day. Heard only on TWESPA; not even a trace of carrier on loop. Bill Bailey noted almost exactly same reception on his TWESPA on the 16th. He made a rather good tape of a RR stn on the channel 5/26; it contained the same IS at 0030 that we noted 6/16, plus a woman giving what sounds like a "...it Pekin" ID after the IS. At first we believed this was Sinkiang with a new IS which would have been an unprecedented reception as it would have been more than 3 hours past the time of effective ionospheric dawn on the north great circle path. After repeated audio comb filtering of Bill's tape of the IS by George Kelly, however, we got a copy that was clear enough to permit comparison by simultaneous replay w/the present Mayak service IS recorded recently by Bill from SW. We are all agreed that the IS on 1525 is that of the Russian but are at a loss to account for the phrase we initially all took to be a "Pekin" ID. The latest info from Olle Alm, Arctic's USSR specialist, is that the Mayak xr's are in the Moscow & Kiev areas. The corresponding calculated dawn fade times (for July 1) are 2345 and 0058 respectively; Bill had a reception until 0055 on 7/8 which suggests that we have prob been hearing from the Ukrainian Mayak station. There is also an unid IA noted most nights from about 0045 fade in; the freq drifts around 1524.46 and a het is often audible between it and the Majak station until the latter fades out.
1546 ? UNID TA, fair carrier 0150 6/16 w/some garbled audio but not enough to ID the language. On TWESPA.
1554 FRANCE, Nice, local quality 0145 6/16 w/pop mx in FF; low pitched audio het from carrier on low side coming from south, presumably an IA. On TWESPA.
1586 GERMANY, Langenberg good w/waltz mx 0143 6/16 on TWESPA. Excellent 7/8 0113 tune in to final dawn-induced fade into noise at 0323 on FET AA loop.
1602 GERMANY, Munchen-Ismaning, good signal 0022 w/soft pop mx & male ancr in GG 6/16; 22 db stronger than Langenberg-1586 at the time which is rather unusual. Weaker 0143 w/US pops about 6 months old. Hrd on TWESPA. Care should be taken w/IDs on this channel since the latest EBU reports there is now a Belgian on this channel also. (Nelson, Massachusetts, all of the above. To find out what TWESPA stands for, see list of contributors).

PACIFIC DX ROUNDUP

- 650 HAWAII, Honolulu, KORL noted best ever w/perfect signal & good ID 1100 8/7. (Rittenhouse, Bay area)
660 ? UNID here 1145 8/7 w/weak audio. Maybe a DU but Super-slop-680 kept SM-2 too busy to be sure. NZ? (Rittenhouse) (New Zealand most likely-bp)
700 AUSTRALIA, Grafton, 2NR prob the source of accented EE 1133 8/7 thru #5&6 KNBR slop. Going to call a tree surgeon & have KNBR's sap sucked or something, hi. (Rittenhouse, Menlo Park)
750 ALASKA, Anchorage, KFQD noted good w/MoR mx 1208 & 1220 8/11. All alone, little fading, not hrd since April (Ford, Vancouver, B.C.)
770 JAPAN, Akita, JOUB noted fair o/KOB w/man talking 1207 8/11. First time hrd since late spring, along w/JOGB, JOBB, Shanghai, KFQD, on what was agood northern opening (Ford, Vancouver, B.C.)
830 JAPAN, Osaka, JOBB noted alone w/talk 1207, 1234 8/11 (Ford, B.C.) --- assumed to be the one w/JJ weak-fair 1230-1235 8/11. Good northern night w/Canadians and China-1040 crashing in (Rittenhouse, near San Fransisco)
830 HAWAII, Honolulu, KIKI good w/almost local strength 8/7 1153-1200 w/rr & ID (Rittenhouse, N.California)
844 GILBERT & ELLICE (Or have they separated as I read they were planning?) gal talking in dialect 7/19 0810 (Pejza)
840 t AUSTRALIA, Rockhampton poss the source of weak audio here 1135 8/7. Couldn't make out pgm but 2NR & HI good that AM (Rittenhouse, CA) (Ford, BC)
870 ? JAPAN, Kumamoto, JOGB noted alone w/talk 1207 8/11.
890 UNID, something here 8/7 1137 o/u looped & fading WIS. SAN I hope (Rittenhouse) (Dunno Eric, what sort of programming did it have? bp)
1040 CHINA, Shanghai alone & weak w/CC vocal mx & YL ancr 1223 8/11 (Ford, BC) --- has been noted ab out 15 times since 6/15 w/longer and deeper fades than characteristic of prime winter reception but often w/perfect signal at peaks. Monitoring here 1200-1300 almost always yields some CC earmarks if you are willing to stick w/it till it fades in. Had winter type signal 8/11 1228-1305 w/usual mx & Peking Hoso IDs on hour. Is anyone else hear-this w/ary regularity this summer? (Rittenhouse, nr SFO)
1040 HAWAII, Honolulu KHVH finally getting through CC pest 1205 8/7 in nx or talk w/ID. CC buried it 1205 (R'house)

PAN AMERICAN DX ROUNDUP

540 ? UNID noted here w/sedate SS vocals & OM DJ 1005-1020 7/19. Who? (Rittenhouse, bay area) (YNOW most likely, they're hrd here often - bp)

575 COSTA RICA, San José, according to Aug. SW News, Sovereign Broadcasting Corp. is testing the 1 Megawatt xtr on this frequency at reduced power (Charles Taylor, Indianapolis)

650 COSTA RICA, San José, TIBAS, R. Monumental good w/some QRM and mx, TCs and R. Monumental IDs 1032 7/5 (Clements, CA)

680 HONDURAS, Tegucigalpa, HRN now here, ex-670. IDs mostly by calls, occasionally as LV de Honduras (Schatz, Miami)

700 COSTA RICA, San José, TIHB, R. Reloj fair 0629 7/5 w/lots of XETRA QRM (Clements, Mojave Desert)

700 COLOMBIA, Cali, HJXC, R. Sutatenza good w/religion & mx. IDed 1029 in moderate XETRA sloop 7/6 (Clements, CA)

700 GUATEMALA, Guatemala, TGHR, R. Mandial good w/ID & mx wiped out by XETRA sloop seconds later 0415 7/6 (Clements)

720 CUBA, Colon, CMEN, R. Rebelde weak w/TC & ID 1030 7/6.

725 COSTA RICA, San José, TILX, R. Columbia in fair to good thru XEX sloop & terrific static. Good clear R. Columbia ID 1105. Absolutely bombing in a half hour later 7/6. (Clements, Mojave desert beverage site, last 2 items)

750 NICARAGUA, Managua, YNK fair o/WSB 1009-1019 8/12 and fair-good w/KMMJ s/on 1100-1105 8/12. Pleasant vocal mx, alternating man/woman IDs between songs w/ments of "X", Managua & Nicaragua. (Ford, B.C.)

750 VENEZUELA, Caracas, YVKS w/clear R. Caracas ID MM 7/14 0750 between ballads. Nothing else on channel (Pejza).

755 COSTA RICA, San José, R. América Latina noted here w/ fair signals 7/15 0305 w/ID & ment of C.R., still here on 7/21 eve (Schatz, Miami).

760 COLOMBIA, Barranquilla, LV de Barranquilla now 30 kw per IDs (Schatz)

790 MEXICO, Chihuahua, Chih., XERPC w/TC & lots of R. Rancho IDs 0352 7/6 fair (Clements, Mojave desert)

790 MEXICO, La Paz, BCS, XEHP good w/QRM from XERPC. "XENT R. La Paz" ID into mx 0400 7/6 (Clements, CA)

825 COSTA RICA, San José TIOS fading up 0742 7/19. Mostly mx, one number apparently in EE. "Titania ID 0753 (Pejza)

825 PANAMA, Macaracas, R. Península noted w/ID 0310 7/11 following a wailing tamborito (local mx) that clinched the country. Often covering Titania. A move from 830 kHz. (Schatz, Miami)

840 CHILE, Valparaiso, CB84, R. Portales absolutely blasting in I&C 1144 7/5 w/mx & "Noticias en Emisora Diego Portales de Chile" followed by several R. Portales IDs. Sun is just about to come up--wonders never cease. (Clements, CA) (Nice - bp)

840 MEXICO, Celaya, Gto., XEPG, R. Juventud in xInt w/ complete ID 1158 7/5 (Clements, CA)

850 GUATEMALA, Guatemala, TGX, R. Ciros w/ments of Guatemala & spots for radios sold in Guatemala City 3:24 TC 0924 7/5. Weak w/strong low freq hets (Clements, CA)

854 PERU, Lima, OAXIA, R. Mac del Peru in wk to fair in HNL & 860 sloop w/soft mx. Noise made IDs difficult. Good earlier part of evening 0400-0600. Back 0929 w/"Esta es R. Nacional del Peru 4:29" & less sloop (Clements, CA)

870 MEXICO, Morelia, XEYL suddenly s/on'ed w/no armt. Uses L-Y IDs w/Y pronounced as Yeh. XInt 1155 7/5 (Clements)

880 MEXICO, Tequila, XETZ, Radio pun in good wish R. Felicidad & ecstasy IDs and TCs (Clements) (I'll drink to that - bp)

890 EL SALVADOR, Santa Ana, YSLA, R. Musical fading in w/ slight het w/lots of R. Musical & Su esquivel (?) de exitos IDs 0210 7/5 (Clements, CA) --- The mystery phrase cited in 2 Aug DXNW p 481 for this stn is prob. "su festival de exitos" (underline mine - bp) which is "your festival of hits." (Taylor, Indiana)

890 COLOMBIA, Bogotá, HJCE, LV de Bogotá weak w/QRM from R. Libertad 0800 7/5 (Clements, CA)

900 COSTA RICA, San Jose, TIHF, Estacion X fair thru thunder w/R. Equis ID 0645 7/7. (Clements, S. Calif.)

925 COSTA RICA, San José, TICM, Música Juvenil in strong w/ US rock songs. Suffers from murderous KHJ sloop 0855 7/8.

960 MEXICO, Cd. Obregon, Son., XEIQ xInt w/R IQ IDs by YL w/ light QRM 0350 7/7 (Clements, last two)

960 COLOMBIA, Magangué, R. Sutatenza noted again w/good signal after being "absent" for several months. They might have a directional antenna system. IDed 0300 7/11 w/usual "Zip-a-dee-Doo-dah" theme & "en Barranquilla y Magangué." // 1010 (Schatz, Miami)

980 MEXICO, Navajoa, Son., XEKE, La Favorita obliterating all traces of KFVB "XEKE R. Favorita" ID 1208 7/8.

980 MEXICO, Nueva Rosita, XENR s/off o/KFVB, good 0706 7/7.

995 ECUADOR, Guayaquil, HCEW2, R. Suceso in good 0239 w/TC & rock mx & spot for store in Guayaquil. Noted back around 1045 w/quieter mx absolutely blasting in. Had many mentions of Ecuador & Ecuadorian cities in a speech "Amancer en la tierra" 7/5. Wat your heart out Ralph!

1010 MEXICO, Esperanza, XEEB, La Rancherita in xInt 0717 7/7. Repeats Rancherita twice. (Clements, last 4 items)

1010 MEXICO, Guadalajara, Jal., XEHL pounding in 1122-1125 7/19 w/"La Música de Pegue, Onda Diez Diez" IDs and electronic "De-de-da-da De-de-da-da" (Rittenhouse, CA)

1020 GUATEMALA, San Marcos, TGOM, R. Frontera xInt w/WRN 1135 7/7 w/"desde San Marcos transmite R. Frontera" ID. Faded out 1140 (Clements, CA)

1045 ? UNID in again w/more Marimba mx, gave TCs 5:18 at 1118. IDs obliterated by noise. (Clements, CA)

1088 CUBA, Location unkn, CMBF relay noted nightly w/ usual cl mx. No info yet from ICR. (Schatz, Miami)

1180 VENEZUELA, Cd. Ojeda, YVNU, R. Petrolera w/presidents speech w/many ments of Venez. R. Petrolera ID 0956.

1270 MEXICO, Nogales, BGN, XENY, R. Geny ending cultural pgm about Yucatan 0800 7/7 w/full ID (Clements, CA)

1290 MEXICO, Cd Obregon, XEAP, R. Mundo w/marimba mx 0435 7/7. Good w/slight QRM (Clements, CA).

1310 h MEXICO, Tijuana, BGN noted on second harmonic 2620 7/5 & 7/6 good & clear (Clements, CA).

1375 MEXICO, Puerto Penasco, BGN, good w/lots of 1380 QRM. Uses "La Reina" slogan w/muffled guitar. Abrupt s/off 0300 7/6 (Clements, CA).

1410 MEXICO, R. AI in xInt 0800-0842 7/7 w/long drawn out R. AI, Canal Tropical IDs. Also uses "Música alegre en la Grandota R. AI". Where is this? I can't find it listed. (Clements, CA) (Sounds like XEAI-1440, ex-XEIZ. Is your frequency correct? bp)

1430 MEXICO, Cd. Obregon, XEOX bombing in 1203 w/No QRM w/ spots for Muebleria Estrella and photos required for graduation certificates. No KALI. "OX 14-30" ID 1205 7/7 (Clements, CA)

1590 MEXICO, Ensenada, BGN, R. Bahia, XEHC. A good "en R. Bahia" drifted thru the crud and disappeared 0542 7/5 (Clements, CA)

Some QSLs and whatnot still remain to be printed but the hour draws late and I'd kinda like to keep my eyes open at work tomorrow. Some excellent DX is being reported for this time of year so hopefully this season will be a good one. A tip of the hat this time to:

- Jim Albrecht, 3313 N. Weil St., Milwaukee, Wisc. 53212
- Panasonic RF-930
- John Clements, 11425 Albers St. #5, N. Hollywood, CA 91601
- SPR-4, 5300' Beverage antenna nr. California City, CA
- Derek Ford, 4B-1385 West 15th Ave., Vancouver, BC V6H 1S2
- Eddystone 830/2, Sanserino loop
- Gordon P. Nelson, 48 Hardy Avenue, Watertown, Mass. 02172
- R390, HQ-180A, R-392/URR, FET altaz loop, Travelling Wave Electronically Tuned Phased Array (TWESPA) w/3100' elements
- Father Jack Pejza, 212 S. Carpenter Rd., Modesto, CA 95351
- SPR-4, Sanserino loop
- Eric Rittenhouse, 77 Linaria Way, Menlo Park, CA 94025
- HQ-160, SM-2
- Ron Schatz, Uleta, Fla. (address misplaced, hi)
- R-388/URR, LSCA-1
- Charles A. Taylor, 939 Eastern Avenue, Indianapolis, IN 46201
- HA-600A, SSB adapter, LSCA, 1B-1101 freq counter

Calendario Azteca o Piedra del Sol TARJETA POSTAL  
The Aztec Calendar or Stone of the Sun.

Marzo 22/68  
VERIFICATION

THANK YOU FOR YOUR CORRECT REPORT ON STATION XERPMM-Radio 660 HEARD ON Marzo 14/68

Mr. John P. Pejza  
12096 Ventura Ave.  
Ojai, Calif. 93023  
U. S. A.

XEOF XERPMM XEKB  
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DXWW II No. 30 typed 16 August 1975. Phone: 317-638-4166, 2330 to 0300 GMT weekdays; Saturdays and Sundays 1300 to 0300 GMT, prepaid only, please.

Our thanks to the newly-formed Seattle Publication Committee for taking on the task of publishing DX Monitor. Concerning the DXWW II deadline for material: There is no deadline. Any material that must be printed and distributed quickly, i.e. material with time value, should of course be sent Bruce Portzer of DXWW. Material received here is printed on a space-A basis, more urgent material receiving greater priority.

#### Countries Committee

All personnel who are, or were, or should be, or wish to be on the Countries Committee, should write me.

Thanks this issue goes out to Glenn Hauser for his information, Fr. Jack Pejza for forwarding material excerpted from Medium Wave News, and to Carl M. Stanbury II for the Shortwave News. Now to News from the World of DX:

#### AFRICA

Kenya: Voice of Kenya has been heard on 865 kHz, Swahili news at 1900, presumably Nairobi, ex-863 kHz. (Richard Ginbey, Vanderbijlpark, S. Africa, via Union of Asian DXers, quoted on R. Australia 3 Jul DX pgm, via Glenn Hauser)

Lesotho: Radio Lesutu has moved from 899 kHz to 960 kHz (R. RSA DX Corner, 25 Jun, via Glenn Hauser). (Ed note—believe this one was reported as breaking its crystal and jumping to 960a, then 870a. Is this a late report of the same incident, a new breakage, or an intentional move?)

Mozambique: Porto Amélia has been renamed Pemba, Vila Pery, Chimoio; and Vila Cabral, Lichinga. Contrary to the report in DX-B1332 the new name for Lourenço Marques has not been finally decided yet. Names discussed have been Maputo, Mondlane City and Ka Phumo. Rádio Clube de Moçambique is to be renamed and the new name will probably be Rádio Nacional de Moçambique. Lourenço Marques Radio is now listed as the External Service and the "A" programme as the National Service. The Beira station (probably Emissora do Aéro Clube da Beira, 1430 and 1562 kHz—ed.), which is privately owned, may be integrated in the National Service or terminated. (SCDX B1336 from Richard Ginbey, Vanderbijlpark, S. Africa)

Spanish Sahara: (MWN Apr) Spanish 1200-1230, 1300-1800, 2200-0000; Arabic 0800-1100, 1230-1330, 1800-2200 on 656 and 998 kHz (Ed Baker).

Zaire: Radio Bandundu has been heard testing on 1007 kHz at 1605-1705, and at 2000, announcing an unheard parallel of 7115 kHz; address, P.B. 100. (credits as per Kenya).

#### AMERICA

Bolivia: (MWN Jun) Previously reported station closures were temporary and stations returned after a week or so as a prerequisite for getting miners back to work. Others in South America including Radio Santa Fé in Colombia and Radio Balmaceda were closed for periods of 4 weeks and 10 days for reporting what they should not report (Barry Niendorf).

Colombia: Radio Sonorama correct address is Calle 14, No. 12-50, Piso 4, Bogotá (on 1280 kHz). Radio Visión, Medellín new address is Calle 53, No. 46-80, Medellín or Apartado Aéreo 1864 (on 790 kHz) and Radio Visión new address is Carrera 1ª, No. 18-39, Cali (on 1260 kHz). (A. P. Huertas)

Ecuador: Radio Nacional has signed a contract with an ITT subsidiary for 3 x 50 kW transmitters to be used at Guayaquil-600, Loja-620, and Quito-640, to cover the entire country. Also on order is modern studio equipment, all expected to be operational within one year. (Hello DXers on HCJB, 10 Aug, via Glenn Hauser)

Haiti: (MWN Apr) 4VDS, Radio Progrès, Port-au-Prince on 1210 kHz is now on 24-hr schedule and may have had a power increase (Distance).

Honduras: New station "Radio Swan de Honduras is making waves on SW 6185 kHz (and announced MW 1100 kHz), erratic but supposedly 24-hr operation, anti-communist, ties itself to former Radio Swan, but doesn't directly claim to be transmitting from Swan Island, now Honduran territory. Even if trying to reach Cuba, I see little advantage to such a site, rather than from the Honduran mainland, and considerable disadvantage (in supply, etc.) (Glenn Hauser).

Netherlands Antilles: (MWN Jun) The Voice of Saba on 1445 kHz is due to increase power to 10 kW (Distance).

Saint-Pierre-et-Miquelon: Radio St.-Pierre operates now from 0930, on Sun. from 1000, to 0145 on 1375 kHz with 4 kW according to a schedule. Radio St.-Pierre can sometimes be heard as late as 0200 with weak signals (Mike McGovern, Booterstown, County Dublin, Ireland).

United States: Radio Americas Returns. "The 1970's version of Radio Americas, produced by the American Security Council, and heard on about 25 stations throughout the Americas. A co-chairman of the ASC's National Strategy Committee is General Lyman Lemnitzer who was Chairman of the Joint Chiefs of Staff during the Bay of Pigs and Cuban Missile crisis. I have obtained a list of Radio Americas Libre stations but it is lacking in certain details—particularly times. All of the non-U.S. stations will probably have to be checked via SW sources but below are listed the domestic MW stations, and I am hoping IRCAN's can provide the missing times:

|                         |                              |
|-------------------------|------------------------------|
| 630 WMAL Washington, DC | 980 KCTY Salinas, CA         |
| 1080 WFIV Kissimmee, FL | 1150 KOCT Corpus Christi, TX |
| 1240 WEDC Chicago       | 1280 WONW Defiance, OH       |
| 1300 WSOL Tampa         | 1310 WCAM Camden, NJ         |
| 1340 WKVE Covington, VA |                              |

SO SAYETH Mr. C.M. Stanbury II. Can anyone in or near the above cities please check the skeds for the Radio Americas Libre program. Any offers of help/information received at 939 Eastern Avenue 46201 will be relayed to Stan. (ed.)

Uruguay: (MWN Jun) The new Standard Time from April 15 GMT-3 hours. During the first part of 1975, it was GMT-2 hours. (Carlos Maslaton, Buenos Aires)

Venezuela: (MWN Jun) New is Radio Uno on 1340 kHz, no location known—has 'Miniteca Uno' daily 0200-0400 (Frank Lucena)

(SWNS Jul) According to the 7 July Broadcasting, RCA has sold a 100 kW MW transmitter to Radio Caracas—presently listed as 20 kW on 750 kHz. After power boost should be a regular for NA DXers.

#### ASIA

Bangladesh: (MWN Jun) The new 1000 kW transmitter in Dacca is soon expected to begin test transmissions on 690 kHz. Dacca A is now on 830 kHz replacing 690 in all its three transmissions (Alok Das Gupta, Calcutta)

Diego Garcia Island: (SCDX 1336) The Armed (should be American—ed.) Forces Radio Service was heard on 1475 kHz and not on 1470 kHz as reported two weeks ago. The power of the Diego Garcia station is 250 W according to the station announcements (Oliver T. Goonawardena, Moratuwa, Sri Lanka). (ed. note: Diego Garcia is the site for a new U.S. Naval Communications Station and is not known as a choice location for a tour of duty—nothing but sand, cement and gravel).

Iraq: (MWN Jun) Babylon 2 x 1000 kW transmitters in use from 8 April 75 on 1038 kHz. Noted on 17 April 75 in parallel with 11785 kHz (Dennis Tapsell)

Israel: (SWNS Jul) A report in the 21 June London Daily Mail indicates that "both the Arabs and the Israelis" are planning to put 2000 kW stations on 200 kHz which is a BBC channel. (SCDX 1336) The Israel Broadcasting Authority has been noted with the Home Service "B" programme at 2100 on the new frequency of 1439 kHz, in parallel with 656 kHz, overriding Radio Luxembourg on the same frequency (Richard Ginbey, Vanderbijlpark, Transvaal, S. Africa).

Kuwait: (MWN Apr) Services in Arabic (main on 539 kHz, 1200 kW, and 1345 kHz, 200 kW, former to Egypt and latter to Kuwait and Gulf area) 0225-2210; Second service on 1130 (750 kW) to Gulf area in English 0500-0800 and 1700-2000, and Arabic 0900-1500 (Roy Patrick).

Sri Lanka: (SCDX 1336) According to press reports, Trans World Radio is going to build a MW transmitter in Sri Lanka (Michael Winkler). (ed. note—Sri appears to be pronounced as Shree. Does anyone care to elucidate?)

Syria: (MWN Jun) Damascus on 1070 kHz is offset to 1071.19 kHz, noted around 1915 (Dennis Tapsell).

Tunisia: (MWN Jun) Tunis now varies from 962 to 967 kHz (Dennis Tapsell).

1

Turkey: (MWN Jun) New ones are Ankara on 200 kHz, 120 kW; Ankara 3 on 1484 kHz, 2 kW; and Istanbul 3 on 963 kHz, 2 kW (Stefano Valianti).

Viet Nam: (MWN Jun) VOA transmitter which was on 760 kHz was fitted in three transportable vans and dismantled and shipped out the country in March (DSWCI).

#### EUROPA

Andorra: (SCDX 1336) Radio International Andorra will start at the end of July. The transmissions will be 24 hours on 254 or 263 kHz on LW. The programmes will be broadcast in French, English, German and Dutch and each language will be used for 6 hours (Max van Arnhem, Tiel, Holland). In DX-B 1319 it was reported that these transmissions would start May 1, and that the power used should be 1200 kW. (MWN Jun) The International Service of Radio Andorra which was supposed to come on the air on May 1st seems to be a joke. At least, no one at the station had heard anything about it—and they should know. This information is the result of a visit to R. Andorra (Henrik Klemetz in Distance) (I think someone's leg has been pulled—ed.)

Belgium: (MWN Jun) Veltem moved from 1511 to 1513.75 kHz on 18 April 75—parallel 1594 (Dennis Tapsell). (Commonly known as a busted extahl—ed.)

Czechoslovakia: (MWN Jun) Frequency of 1232 kHz is now on 24-hr schedule (began 2 April 75) (Dennis Tapsell). One of our Eastern European friends says that there is no station on 1214 kHz and that since April 4th the Topolna LW station is off the air for reconstruction. (last sentence is from MWN, not my own—ed.)

France: These stations have left the air (their emphasis) since 1 April 75: Paris (1070), Lyons (1241), Rouen (1241 and 1403), Limoges (1349), Bordeaux (1349), Nîmes (1594) and low-power relays at Caen (1484), Tours (1493), St.-Brieuc, Brest, Strasbourg (1493). NEW France Inter: Bastia (1070) and Ajaccio (1160), both in Corsica. FREQUENCY CHANGES: Nice, 1241 to 1349; Brest, 1241 to 1070; Grenoble, 1349 to 1070; Grenoble, 1484 to 1403; Toulouse, 1349 to 1241; Montpellier, 1403 to 1070; Besancon and Dijon, 1484 to 1403, maybe some power increases involved. France Inter stations Allouis (164) and Nice (1554) both 24 hours plus Bayonne (539), Brest, Grenoble, Montpellier and Bastia on 1070, Strasbourg and Ajaccio on 1160, Lille, Marseilles, Nancy and Toulouse on 1241 plus Toulon 1594 and Perpignan on 1484. There are no Regional programmes now. France Culture: Lyons (602), Marseilles (674), Rennes (710), Limoges (791), Nancy (836), Paris (863), Bordeaux (1205), Strasbourg (1277), Nice (1349), Lille (1376), Brest, Clermont-Ferrand, Pau, Bastia, Besancon, Dijon, Grenoble (1403), and Ajaccio and Bayonne on 1493. These stations sign off at 0000 GMT. (Louis Aubree).

Germany: (MWN Apr) West; NDR on 971 (5kW) in Goettingen has been taken out of service. East; R. DDR-1 is now broadcast from four different locations on 557 kHz and 629 kHz. On 557, Kevla (N.W. of Erfurt) and Rostock; and on 629, Greifswald and Suhl. Suhl on 1502 now aims the "Berliner Rundfunk" programme. (Rolf Blodorn).

Malta: (MWN Jun) The Deutsche Welle relay on 1570 kHz is 800 kW in power now (EBU)

Great Britain: (SWNS Jul) The tests from Tatefield on 593 kHz have been heard in Netherlands and as far north as Blackpool on the NW coast. Official explanation is that they are propagation tests. (MWN Jun) The BBC has been testing on 593 from the old Tatsfield Receiving site. Test were reported in daylight on April 3, 4, 24, and 25 (Dennis Tapsell and Ron Young). BBC Engineering Dept. says the tests are being conducted by their Research Department and are propagation tests at the little-used end of the MW Band. Mike Barraclough noted tests on May 23rd BBC Radio 4 at Washford. Power on 881 kHz reduced to 70 kW (Ken Fletcher).

Monte Carlo: (MWN Jun) Radio Monte-Carlo has increased power on both 701 and 1466. New transmitter is on Col-de-la-Madonne (1100 metres a.s.l.), 19 km from Monte Carlo. Mast is 250 metres high and the transmitter on 701 has an output of 1200 kW (Stefano Valianti).

Netherlands: (MWN Apr) Hilversum 3 on 674 kHz now using 10 kW but 20 kW as from 1 May 75, combining present transmitter and the 10 kW emergency transmitter at the same time (Benelux).

(MWN Jun) A low-power (probably 1 or 2 kW) relay of Hilversum 3 (on 674 kHz) is noted on 890 kHz (Reidar Bo).

Northern Ireland: A Derry pirate station of the 'provisional' ilk, is heard on 200m, with music, and requests (that's about 1500 kHz—ed.) (Uncaught reporter to Radio Budapest DX program, 25 Jul, via Glenn Hauser).

Portugal: (MWN Jun) Noted on 24 April 75 on a new frequency of 926 kHz, paralleling 782, 800, and 1034 kHz (Dennis Tapsell).

Switzerland: (MWN Jun) Good reception is reported in day light from Beromunster (529 kHz), perhaps low power is in use on 1562 kHz in daylight and on high power in the evening (Rob Parker). According to the Swiss PTT Journal, the 1562 kHz antenna radiates at high angles, presumably to get good short-distance skywave propagation. New 300 kW transmitter on 1562 is located in Sarnen, Central Switzerland. (MWN).

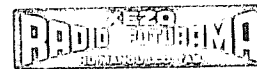
#### OCEANIA

Australia: "3ZZ"—1220, ABC Access Radio, operates 0800-1300 with foreign languages, Mon, Tue, Wed, Thurs; and English, Fri, Sat, Sun; Box 1686, Melbourne 3001 (Arthur Cushen's 3 July report on R. Nederland via Glenn Hauser).

Indonesia: (MWN Jun) Japanese aid to Indonesia will include the establishment of MW transmitters at Jakarta (300 kW), Medan (100 kW), Surabaya (100kW). Also Radio Republik Indonesia will install 52 additional MW transmitters to supplement its network throughout Indonesia (Dennis Tapsell).

RRI Surabaya is or will be using 1206, 1385 kHz at 1300-1600. A non-RRI station in Jakarta is planning to use 1565 kHz. These items update the ARDXC Indonesia survey, published recently in its second edition (R. Australia 10 August DX program via Glenn Hauser). (ed. note—the correct spelling of Surabaya appears to be just that, Surabaya. Mistake is mine.)

That grande obra nearly dredges out the backlog of articles at hand waiting for publication (While summer conditions discourage many MW DXers from listening and reporting—thus our cutback to two or one issue per summer month—changes continue to occur and even intensify in rapidity here in the Northern Hemisphere. Consequently, if DXWW II seems to dominate, then you aren't imagining things.). Thanks to all who contributed this number and thanks for the kind words that are received from all directions. Until next number,  
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From D.M. Moore, Milesburg, PA 16853 (Box 6) comes a list of Colombian MW stations, along with a brief discussion of the CARACOL (Cadena Radial Colombiana) network. So, as a DXWW II special, we present them here.

CARACOL

CARACOL is actually four networks, or rather chains. There are the Radio Reloj (11 stations) and Radio Quince (5 stations) chains, which rely more on local programming, with Radio Quince emphasizing more modern elements. There is also the Cadena Fundamental, 19 stations, including the three fifty-kilowatt ones, and the Cadena Deportiva, 31 stations. The Cadena Fundamental has "Programación Consolidada," and the Cadena Deportiva runs sport, music and time. They estimate that 36.8% of the Colombian population listens to CARACOL. From 0415 to 0500, GMT, some stations run a program called Radio Lente. Be careful you don't think this is a new station.

Three stations have 50 kW, nine have 10 kW, and the remainder have one kW. All stations maintain a back-up transmitter of equal power to have coverage all the time.

The Board of Directors includes, among others, Alfonso López Michelsen, El Presidente of Colombia.

The following list of CARACOL stations was taken from Tarifa 18<sup>a</sup> of CARACOL, with frequencies and call signs added from WRTH, and where WRTH did not give info, from Cincuenta Años de Radiodifusión Colombiana, both sent to me by Pedro José Guerrero Q., Asistente Vicepresidencia.

|      |                   |                 |                           |
|------|-------------------|-----------------|---------------------------|
| 750  | HJDK <sup>1</sup> | Medellín        | La Voz de Antioquia       |
| 790  | HJDC              | Medellín        | Radio Quince              |
| 820  | HJED              | Cali            | La Voz de Río Cauca       |
| 830  | HJDM              | Medellín        | Radio Visión              |
| 850  | HJKC              | Bogotá          | Emisora Nuevo Mundo       |
| 950  | HJFN              | Pereira         | La Voz del Café           |
| 1010 | HJCC              | Bogotá          | Emisora Mil Veinte        |
| 1040 | HJAI              | Barranquilla    | Radio Tropical            |
| 1050 | HJCX              | Lorica          | Radio Progreso de Córdoba |
| 1060 | HJMG              | Turbo           | Radio Prosperidad         |
| 1080 | HJDZ              | Medellín        | Radio Reloj               |
| 1090 | HJBC              | Cúcuta          | La Voz de Cúcuta          |
| 1090 | HJIH              | Sogamoso        | La Voz de Oriente         |
| 1100 | HJAT              | Barranquilla    | Radio Reloj               |
| 1100 | HJCN              | Bogotá          | Radio Reloj               |
| 1100 | HJTM              | Ocaña           | Radio Sonar               |
| 1110 | HJEW              | Cali            | Radio Reloj               |
| 1120 | HJGH              | Bucaramanga     | Radio del Comercio        |
| 1130 | HJJW              | La Unión        | Ondas del Mayo            |
| 1170 | HJJY              | El Guamo        | Radio Lemaya              |
| 1180 | HJFX              | Manizales       | La Voz del Ruiz           |
| 1220 | HJAJ              | Barranquilla    | Radio Quince              |
| 1220 | HJNM              | Ipiales         | Emisora Cultural Bolívar  |
| 1230 | HJFP              | Neiva           | Radio Neiva               |
| 1250 | HJEM              | Corozal         | La Voz de Corozal         |
| 1260 | HJDV <sup>2</sup> | Ibagué          | Radio Cacique             |
| 1260 | HJET              | Cali            | Radio Quince              |
| 1260 | HJKX              | Villavicencio   | Radio Cinco               |
| 1270 | HJKZ              | Pereira         | Onda Libre                |
| 1270 | HJTX              | Bucaramanga     | Radio Quince              |
| 1280 | HJFI              | Armenia         | Pregones del Quindío      |
| 1280 | HJLR              | Pasto           | Radio Pasto               |
| 1280 | HJMB              | Concordia       | Radio Surcoeste           |
| 1290 | HJHI              | Garagoa         | La Voz del Garagoa        |
| 1290 | HJKY              | Girardot        | Ondas del Puerto          |
| 1300 | HJDG              | Montería        | Transmisora Río           |
| 1300 | HJLD              | Pereira         | Radio Reloj               |
| 1300 | HJNB              | Bucaramanga     | Radio Reloj               |
| 1310 | HJJO              | Tumaco          | La Perla del Pacífico     |
| 1310 | HJJZ              | Bogotá          | Radio Quince              |
| 1320 | HJHT              | Guateque        | Radio Guateque            |
| 1320 | HJLZ              | Arauca          | La Voz del Cinaruco       |
| 1320 | HJMS              | Barrancabermeja | Radio Regia               |
| 1340 | HJFH              | Anserma         | La Voz de Anserma         |
| 1350 | HJEW              | Puerto Boyaca   | Ecos del Río              |
| 1360 | HJGI              | Socorro         | Emisora José A. Galán     |
| 1360 | HJNI              | Sincelejo       | Radio Sabanas             |
| 1360 | HJTV              | Cartagena       | Radio Reloj               |
| 1380 | HJLG              | La Dorada       | La Voz de La Dorada       |
| 1410 | HJEI              | Buga            | Radio Gudalajara          |
| 1420 | HJAP              | Cartagena       | Radio Bahía               |
| 1420 | HJHK              | Manizales       | Radio Reloj               |
| 1420 | HJNR              | San Gil         | Radio Guanentá            |
| 1430 | HJBE              | Santa Marta     | Radio Magdalena           |
| 1430 | HJRL              | Líbano          | Antena de los Andes       |

|      |                   |                            |                           |
|------|-------------------|----------------------------|---------------------------|
| 1440 | HJEK              | Tuluá                      | Radio Reloj de Tuluá      |
| 1460 | HJFL              | San Agustín                | Emisora Atalaya Agustiana |
| 1470 | HJNT              | Palmira                    | La Voz del Paraíso        |
| 1490 | HJOJ <sup>3</sup> | San Marcos                 | La Voz de San Marcos      |
| 1500 | HJLJ              | Cali                       | Radio Tigre               |
| 1520 | HJLS              | Popayán                    | Radio Popayán             |
| 1530 | HJGD              | Chinquinquirá              | Emisora Reina de Colombia |
| 1530 | HJJB              | Sevilla                    | Sevilla                   |
| 1560 | HJHE <sup>4</sup> | Málaga-San Jose de Miranda | Rovira                    |

notes:

- 1) WRTH-75 lists as Radio Veinte
- 2) WRTH-75 lists location as Cajamarca
- 3) WRTH-75 lists this as Radio San Marcos
- 4) CARACOL list gives this as Voces Rovirenses at San José Miranda; Cincuenta Años de Radiodifusión Colombiana agrees with name, but gives location as Málaga. WRTH-75 gives name as Radio Garcia Rovira, with location in Málaga-San José de Miranda. Take your pick. (Editor's note: Voces Rovirenses and Radio Garcia Rovira are basically variations on the same name—Rovira. Both names may well be used by the station. As to the confusion concerning the location, it is quite possible that the transmitter is located in S.J. de Miranda, on the pattern of HJNX, 670 kHz, Medellín, Antioquia which sometimes appears in lists as its transmitter site, i.e. Bello, Antioquia. At least, there seems to be no doubt that it is in Santander province)

The Tarifa also claims a Radio Reloj in Cúcuta, but this is neither in the WRTH-75, or Cincuenta... Colombiana. (May be an FM, an application, or under construction, ed.)

DXWW II Special LATIN AMERICAN ALL-NIGHTERS

Compiled and sent by Sr. Cláudio Moraes, of Florianópolis, Santa Catarina, BRASIL, via former IRCA headquarters at San Diego.

(I would very much appreciate receiving from anyone who knows, the correct current address of Cláudio Moraes. Help please.)

| kHz | Estação | Estación              | Station                       | Stazione | Himpilan |
|-----|---------|-----------------------|-------------------------------|----------|----------|
| 540 | LRA     | Radio Nacional        | Santa Fe, Argentina           |          |          |
|     |         | Rádio Real Canoas     | Brasil                        |          |          |
| 550 | CW1     | Radio Colonia         | Colonia, Uruguay              |          |          |
|     |         | Radio Mundial         | Caracas, Venezuela            |          |          |
| 560 |         | Rádio São Francisco   | Caxias do Sul, Brasil         |          |          |
| 570 |         | Radio Cristal         | Santo Domingo, Dominican Rep. |          |          |
| 580 |         | Rádio Cataguazes      | Cataguases, Brasil            |          |          |
| 590 |         | Radio Continental     | Buenos Aires, Argentina       |          |          |
|     |         | Rádio Relógio Federal | Rio de Janeiro, Brasil        |          |          |
| 600 | HJHJ    | Radio Libertad        | Barranquilla, Colombia        |          |          |
| 610 |         | Radio Nueva Granada   | Bogotá, Colombia              |          |          |
| 620 |         | Rádio Panamericana    | São Paulo, Brasil             |          |          |
| 630 |         | Rádio Itatiaia        | Bêlo Horizonte, Brasil        |          |          |
|     |         | Radio Rivadavia       | Buenos Aires, Argentina       |          |          |
| 645 |         | Difusora Caaguazú     | Coronel Oviedo, Paraguay      |          |          |
| 670 |         | Radio Mar del Plata   | Mar del Plata, Argentina      |          |          |
| 680 |         | Rádio Gaúcha          | Pôrto Alegre, Brasil          |          |          |
| 690 | CXB     | Radio Sarandi         | Montevideo, Uruguay           |          |          |
| 730 |         | Rádio Mulher          | São Paulo, Brasil             |          |          |
|     | CX10    | Radio Ariel           | Montevideo, Uruguay           |          |          |
| 750 |         | La Voz de Antioquia   | Medellín, Colombia            |          |          |
| 770 |         | Radio Tequendama      | Bogotá, Colombia              |          |          |
| 780 |         | Rádio Princesa        | Pôrto Alegre, Brasil          |          |          |
| 790 |         | Radio Mitre           | Buenos Aires, Argentina       |          |          |
| 820 | HJED    | La Voz del Río Cauca  | Cali, Colombia                |          |          |
| 830 | LTB     | Radio Rosario         | Rosario, Argentina            |          |          |
| 840 | PRH9    | Rádio Bandeirantes    | São Paulo, Brasil             |          |          |
| 850 | HJKC    | Radio Nuevo Mundo     | Bogotá, Colombia              |          |          |
| 860 |         | Rádio Mundial         | Rio de Janeiro, Brasil        |          |          |
| 860 |         | Radio Clarín          | Santo Domingo, Dominican Rep. |          |          |
| 890 |         | La Voz de Bogotá      | Bogotá, Colombia              |          |          |
| 900 |         | Rádio Nordeste        | Natal, Brasil                 |          |          |
|     |         | Rádio Tamboio         | Rio de Janeiro, Brasil        |          |          |
| 910 |         | Rádio Excélsior       | Buenos Aires, Argentina       |          |          |
| 930 | CX20    | Radio Monte Carlo     | Montevideo, Uruguay           |          |          |
| 940 |         | Radio Eco             | Cali, Colombia                |          |          |
| 950 | LR3     | Rádio Belgrano        | Buenos Aires, Argentina       |          |          |
| 960 |         | Rádio Caicara         | Pôrto Alegre, Brasil          |          |          |

- 980 Rádio Nacional Rio de Janeiro, Brasil
- 990 LR4 Radio Splendid Buenos Aires, Argentina
- 1000 PRB9 Rádio Record São Paulo, Brasil
- 1010 LV16 Radio Río Cuarto Río Cuarto, Argentina
- 1030 LS10 Radio del Plata Buenos Aires, Argentina
- 1040 Rádio Tupi São Paulo, Brasil
- 1070 LR1 Rádio El Mundo Buenos Aires, Argentina
- 1090 CX28 Radio Imparcial Montevideo, Uruguay
- 1120 Rádio Continental Porto Alegre, Brasil
- 1130 Rádio Alvorada Brasília, Brasil
- 1150 LU6 Radio Atlántica Mar del Plata, Argentina
- 1170 Rádio Atalaia Curitiba, Brasil
- 1175 Ecos del Combeima Ibagué, Colombia
- 1180 Radio Sur Colombiana Neiva, Colombia
- Rádio Globo Rio de Janeiro, Brasil
- 1190 Rádio Codillera Bogotá, Colombia
- 1200 Rádio Pampa Porto Alegre, Brasil
- 1210 Rádio Universo Curitiba, Brasil
- 1260 LT9 Santa Fé, Argentina
- Rádio Clube Metrópole Porto Alegre, Brasil
- Rádio Brasil Central Goiânia, Brasil
- 1280 Rádio Tupi Rio de Janeiro, Brasil
- 1300 Rádio Correio da Paraíba João Pessoa, Brasil
- Rádio Cultura Cuiabá, Brasil
- Rádio Clube de Canoas Brasil
- 1310 Rádio Visión (somewhere)
- 1330 Rádio Cacique Santos, Brasil
- 1360 Rádio Independência Curitiba, Brasil
- 1370 Rádio Cultura Campo Grande, Brasil
- 1380 Rádio Colo-Colo Santiago de Chile
- 1390 Rádio Cultura Campinas, Brasil
- 1440 Rádio Clube Paranaense Curitiba, Brasil
- 1600 Radiodifusora Soriano Mercedes Uruguay

additional:

- 750 Radio Caracas Caracas, Venezuela
- 810 Radio Altiplano La Paz, Bolivia
- 1005 Radio Colosal Neiva, Colombia
- 1060 Transmisora Caldas Manizales, Colombia
- 1070 Radio Santa Fé Bogotá, Colombia
- 1070 Emisora Atlántico Barranquilla, Colombia
- 1180 Radio Libertad Junín, Perú
- 1210 La Voz de Huila Neiva, Colombia
- 1235 Radio Popular Independiente Cuenca, Ecuador

Thanks to Cláudio Moraes for this list which ought to be valuable this coming DX season.

*Paulie*

\*\*\*\*\*  
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 \* Special Features 2301 Pacific Ave. \*  
 \* Aberdeen, WA, 98520 \*  
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FCC AUTHORIZES 2.5-KW AM-BAND ASSIGNMENTS (OR, THE UNITED STATES AM BAND - WILL IT EVER REALLY "THAW"?)  
 by IRCA Special Features Editor Bill Hardy

Those of you who have been members of IRCA for two years or longer may remember an article in the 3/24/73 DXM (way back in the mimeo days) titled "The 'AM Thaw' -- and What It Will Mean to Your DX."

In early 1973, the FCC removed a "freeze" it had put on applications for new or changed AM facilities in the United States (not including Alaska, Hawaii, Puerto Rico, or the Virgin Islands). After a boom in new AM stations after World War II (slowing down somewhat in the late 1950's after television started catching on like wildfire), the FCC put a "freeze" on new stations in 1962, lifting the freeze in 1964 with severely-restricted rules governing new AM allocations. The FCC was still being swamped with AM applications, so in 1968 they put another "freeze" on. The 1968 freeze was designed to limit AM applications within the continental U.S., except for remote communities without any radio stations at all, and encourage potential broadcasters to go instead into the then-underdeveloped FM band.

In 1973, the FCC removed the "freeze," substituting instead new AM allocation rules that they hoped would encourage more use of the AM band in "underserved" areas, and also encourage use of FM whenever possible.

My article in the 3/24/73 DXM was designed to show the possible effects of this "thaw" in the "AM freeze" on broadcast-band DXers - where we might expect to hear new stations, and which stations might be expected to go for power increases. Among the comments I made in that article was the following: "I would not be out of line to predict that close to 500 applications could be filed the first day" (meaning the day the changes went into effect, 4/10/73) - "for CP's for new stations; for changes in existing stations

that have had to wait nearly five years till the freeze went off." In fact, the FCC was considering the possibility of having to declare "open" and "closed" seasons on AM applications, in case they received more than they could handle.

It never materialized.

In fact, I doubt if the FCC has received even 500 applications total in the more-than-two-years since the freeze went off! Maybe it only seems that way, but it doesn't look as though there have been that many more applications for new or changed AM facilities since the 1973 "thaw" than there were during the freeze.

Well, on June 27th, 1975, the FCC took action that could very well lead to the resurgence of growth in AM that has been missing in America since 1962. But then again, the changes could be another big yawn. Only time will tell, and in view of my grand predictions of 1973 which never came true, I'm proceeding a little more cautiously this time.

One of the specific changes which does have the potential for leading to a few power increases, is the first new power level for AM stations to be established since before World War II. That power level is 2.5 kilowatts - 2500 watts.

In FM and TV assignments, the FCC has let power levels fall anywhere between certain minimum and maximum levels. For this reason, most FM and TV station powers (usually "ERP," effective radiated power, as opposed to transmitter power) are odd numbers - 2.6 kw, 92.5 kw, etc. In fact, the maximum permissible ERP for the video transmitter on TV channels 7 thru 13 is itself an odd number - 316 kw.

But on the AM band, the FCC has a system of power classification that sets specific power steps for stations to use. These have been 250 watts, 500 watts, 1 kw, 5 kw, 10 kw, 25 kw, and 50 kw. (Some years back the FCC stopped authorizing new 100-watt stations, but just under a dozen still remain.) As you can see, there's been a big gap between 1 kw and 5 kw. A 250-watt station could sneak its power up to 500 watts (with FCC approval, of course) without generating too much additional interference; ditto the move from 500 to 1000 watts; ditto 5 to 10 kw, 10 to 25 kw, and 25 to 50 kw. But 1-kw stations seeking a power increase have often been unable to go to a full 5 kilowatts because of a necessity to have three, four, five, six, sometimes even nine or twelve towers in a complex directional array. The cost of anything over two or three towers is usually prohibitive for anything other than a major-market rock station, where the lack of an adequate signal is tantamount to giving your audience to the competitor at night. Medium and small-market station owners could never bear the expense. If the cost of towers didn't get to you, the price of the necessary real estate would.

But Canada and Mexico have authorized stations at the 2,500-watt level for years. And evidently the FCC has decided that it wouldn't hurt to try it out in the U.S. Now stations with inadequate coverage using 1 kw day or night will be able to seek nondirectional or simple-directional coverage with 2.5 kw, without raising the complex interference problems they would increase with an increase to a full 5 kilowatts. Most of these stations will be on regional (500-w to 5-kw) channels. Some daytimers on regional and clear channels may be able to improve their local coverage areas, too. Naturally, stations on the six graveyard channels won't be able to take advantage of 2.5 kw, because their maximum daytime power on those channels is 1 kw and their maximum nighttime power is 250 watts.

So what about the other changes the FCC is making in the rules?

Well, they have decided on a "less-than-two-services" standard for new daytime or fulltime AM stations, or for nighttime facilities for an existing daytime-only station. In other words, the FCC will accept an application for a new daytime station if the applicant can show that the community he will serve has fewer than two independent AM plus FM stations (a commonly-owned AM-FM combination counts as one station) during daylight hours. And the FCC will accept an application for a new fulltime station, or new nighttime facilities for an existing daytime-only station, if the applicant can show that the community he will serve has fewer than two independent AM plus FM stations during nighttime hours. (This replaces the 1973 option whereby a station could be authorized if no FM channel was available in its community, and if at least 20% of the area or population of the community received fewer than two AM or FM stations with a signal strength of 5 mv/m AM or 3.16 mv/m FM, not counting stations more than 50 miles away.)

The FCC is still retaining an alternate possibility, for a proposed station to show that 25% or more of the area or population of its proposed primary (interference-free ground-wave) coverage area is "white area" - that is, receives no other primary coverage from any other AM station and no service from any FM station with a signal strength of 1 mv/m or greater. All potential applicants will continue to be

required to meet technical standards adopted in 1964, which provide maximum permissible interference levels and are supposed to keep stations from interfering with one another.

On another subject, those of you who attended the 1974 Seattle IRCA convention might remember the banquet speech by John Mowbray of KQIN-800 Burien, Wash., detailing all the hassles he went through over a period of about ten years trying to get a new 500-watt directional daytimer authorized, even though he started before the 1962 "AM freeze" went on. One of the restrictions he faced was the so-called "suburban rule." This was the FCC policy which required any station proposing to put a 5 mv/m or greater signal into a neighboring large city to prove that it did not intend to serve the larger city instead of its actual city (suburb) of license. Mowbray had to show how KQIN would provide that strong a signal over less than 20% of Seattle. Anyway, the FCC has now decided that leaving the "suburban rule" in the allocation rules would conflict with their new policy of removing restrictions on applications for improved facilities. So they have now removed the "suburban rule" in noncontested cases. The rule will still be applied to competing applications that are "mutually exclusive" - i.e., either for the same facilities, or so close together on the dial or in miles apart, that both applications could not be granted. And the FCC promises to examine closely any requests for unusually high power for a suburban outlet.

The old rules restricted stations wishing to make frequency changes. In the past, stations wanting to change to a different frequency had to meet the same standards expected of an applicant for a whole new station on the proposed new frequency - that is, serving 25% or more "white area," or having 20% or more of the community receive fewer than two AM or FM stations within 50 miles. Applicants for power increases have not had the same restriction - to get a power increase, an existing station has merely had to show that less than 80% of the area or population of its community is within its old 5 mv/m signal contour (in other words, that the station's signal was inadequate in its own community), or that at least 25% of the new primary coverage area or population does not already receive any primary service from another AM station. In addition, a nighttime power increase was subject to the maximum permissible interference levels described earlier. Under the new rule, an existing station wishing to change frequency need meet only the same standards as a station seeking a power increase (naturally, some stations may increase power in the process of changing frequencies to one where higher power is permitted). Evidently, the FCC finally realized that a frequency change for an existing station doesn't actually increase the number of competing stations in a community.

SO WHAT DOES THIS ALL MEAN TO YOU, THE BROADCAST-BAND DX'ER??? It seems to me that I asked this same question in 1973. It seems to me that I went overboard on my predictions of a big crunch of AM applications in 1973. So, obviously, your Special Features Editor is going to be somewhat more conservative with his guessing this time around!

For one thing, the changing economy has made huge investments in improved facilities for AM radio a lot less desirable. FM has grown by leaps and bounds, partly because of the restrictions on growth in AM radio, but also partly because of the unrealized potential of the FM band. Also, most FM transmitting equipment is fairly simple, and it can be manned by third-class-endorsed operators. But directional-antenna systems, needed by most AM stations if they want to operate at night (figuring there's practically no more room for additional graveyarders), and by many of the new daytimers, are very complex, requiring critical adjustments and much maintenance, and also requiring massive amounts of real estate for the multiple towers. Most existing stations would prefer to sit with the inferior systems they have, rather than invest giant dollars into a new facility that might not pay for itself for several years. And most people seeking to get into station ownership (heaven help them!) would rather buy an established station with a good reputation, or buy a "dog" and build it up, than start from scratch and have to spend years just establishing themselves.

The new 2.5-kw classification presents the most hope of anything towards increasing the flow of AM applications. I know of a number of regional-channel stations that sit with 1 kw at night, because they would have needed a seven- or eight-tower directional array at night to go to 5 kw - hardly worth it to program for markets the size of Astoria, Oregon, population 10,000. With 2.5 kw available, some stations may decide to spring for the increase with no appreciable change in investment - particularly those who can increase to 2.5 kw and either stay nondirectional or else keep their existing directional towers.

The relaxation of frequency-change restrictions may help, too. Without increasing the total number of daytimers or the total number of fulltimers, it may lead to more efficient use

of the AM band. Maybe all the NSPers will go to the same three frequencies and leave the rest of the band for stations with sign-ons and sign-offs, hi!

The "less-than-two-services" standard probably won't mean a hill of beans to most stations, but then again, you never know.

Some stations located near large cities may be able to take advantage of the change in the "suburban rule" in non-contested cases. As you know, the suburbs are growing, and the population of some of our American suburbs is really sprawling. So the potential audience for many suburban stations is really spread out, and in some cases receives inadequate service from such stations, particularly while commuting. But the FCC has been paranoid about granting power increases to these stations, fearing that increased coverage of the major city might lead to an attempt to serve the larger city, a la KISN-910. Now, perhaps, these suburban stations (which potentially can have a larger income than stations in isolated small towns of the same size) will be able to increase their coverage areas the way they've been wanting to for years.

I see that the FCC is once again saying it will consider having "open" and "closed" seasons on AM applications if a huge backlog develops, just like they said in 1973. While anything is possible, the smart money will go on the FCC not having to declare a "closed" season this time, either.

One more comment to make in regard to all the potential applications: The FCC decided not to change its current policy on U.S. Class I-A clear channels. Its current policy is to have one 50-kw station on each such channel, one Class II-A station (10 to 50 kw fulltime) on 11 of those channels in the western U.S., and no other nighttime operations on the I-A clears within the 48 adjacent states. (Stations may use U.S. I-A clear channels in Alaska, Hawaii, Puerto Rico, and the Virgin Islands, day or night, and new applications are accepted from those areas, provided they deliver less than certain weak signal strengths at any point within the 48 adjacent states.) Furthermore, the FCC has not authorized any new limited-time stations since 1959, nor any new daytime-only stations on the U.S. I-A clears since 1961. The FCC was to have considered action on those 25 U.S. I-A clear channels in June, right after considering the relaxing of AM allocation rules, but they decided they didn't have enough information on options or on stations' opinions of those options. The options range from breaking down some or all of the 12 channels (not counting 750 or 760, which have Class II nighttime stations which don't count as Class II-A) which presently have only one U.S. station operating at night, to granting the requests of some of the Class I-A licensees for super-power. So the FCC will do some more homework on the U.S. Class I-A channels - 640, 650, 660, 670, 700, 720, 750, 760, 770, 780, 820, 830, 840, 870, 880, 890, 1020, 1030, 1040, 1100, 1120, 1160, 1180, 1200, and 1210 kHz - and report back to the FCC one of these days. We'll let you know if anything is in the wind. Meanwhile, consider any applications on these 25 frequencies (other than Class II-A on 890 kHz in Utah, which is still available) to be unacceptable.

To summarize, keep an eye out for Mike Worst's Broadcasting Info column and see what stations are asking for and what they actually get. You might end up with some new loggings as a result of all this. I hereby entertain a motion from anyone wishing to set up a 50-kw fulltimer in Vermont or Delaware, hi!

--Bill Hardy, 2301 Pacific Ave., Aberdeen, WA, 98520. (Articles in the 6/30/75 issue of Broadcasting, including the lead story in that issue and an item in "Closed Circuit," were used as source material for this article by permission of the publisher. FCC Rules and Regulations were also used as a source.)

#### THE 860 "STEEL-ROLLER" SOUND - by Jon Pearkins

Nick Hall-Patch's reception of a sound like a steel roller scraping over concrete on 860 in the 6/14 WDXR is likely what I used to hear in Burnaby, B.C. - the combined effect of all the LPRT's in B.C. (maybe even GBXB, as well) on 860 kHz. They all leave their OC on AN NSP, local power companies permitting.

They are maintained once a year or when someone complains. Unless they happen to be on a main transmission line from a hydro dam to a major population centre such as Vancouver/Victoria/Edmonton, the power delivered to any given LPRT xmtr might be pretty shoddy, both in voltage and frequency, and in line noise, and certainly not up to the standard we are accustomed to in larger centres.

For these reasons, these LPRT's operate on 860 kHz more or less; it's not uncommon for them to be off 100 Hz either way; and the OC's may be full of line noise.

Hope that's a satisfactory answer to an annoying problem; it used to bury the New Zealand station on 860 for me.

- Jon E. Pearkings, Box P359, University of Alberta, Edmonton, Alberta, T6G 2E8.

(Editor's note: This was originally sent to Nancy for WDXR; she ran a shortened version in WDXR and gave the rest of the info to me as a Special Feature. Although Jon is no longer an active DXer, he did take the time to explain this interesting phenomenon, and for that we thank him very much. - Bill Hardy.)

KANADIAN KORNER - News from the soon-to-be-frozen North  
by John Oldfield, Edmonton, Alberta

- \* Watch for CJWW-1370 tests - Saskatoon, SK, newie - beams east.
- \* CBC is renting CFOM-1340 Quebec City, PQ, who lost \$\$\$, //CBM-940 in English.
- \* Watch for CBC testing three French newies on 690-860-680 - CFRG-CFNS-CHFA - in Saskatchewan/Alberta. Also 1110 Rimouski, PQ, CBC //CBGA-1250.
- \* CPOK-1370 Westlock, AB, has yet to use calls - just "OK."
- \* CIOK-1310 St. Paul, AB, late s/on - watch for tests.
- \* CJLA-630 denied twinning with CJEN-900 in PQ.
- \* CHFQ-1370 is under new owners and supposed to go alone, not. //CHUB-1570.
- \* The Cariboo twins will switch: CKCQ to 920 10/1 kw, and CKWL to 570 & CKBX-1240 to 1 kw in BC.
- \* The new stn on 1490 Prince George, BC, owned by CKPG-550 Prince George, is //CBU-690, not //CKPG - CBC will buy 1490 next year (they have no money now, hi) - CBRG-1150 LPRT will then be deleted.
- \* CBC plans regional stations next year at Prince George/Kamloops/Kelowna, BC.
- \* CHED-630 CP 50/50 kw.
- \* CIGB-1490 is Cambridge Bay's big 5-watter in NWT.
- \* CKPT-1420 ONT wants 10kw days.
- \* CFML-1170 daytimer wants a 1060-daytimer twin at Hawkesbury, ONT.
- \* CBOD LPRT Maynooth, ONT, now on 1400 ex-1230 - got QRM from CJNH-1240.
- \* CBNL-1240 Baie Verte, NF, is call - easy one.
- \* CFLS-1240 Levis, PQ wants 920 Lac Etchemin - possible twin - what else?
- \* Phone-DDD-info says CKBG-1470 Bagotville-Chicoutimi is on - are they, anyone?
- \* CBAR-1230 ex-1190 due to CHTN.
- \* CBGI-1470 ex-1490 Magpie, PQ.
- \* CFGM-1310 ONT plans 50kw 1320 with CFTJ-1320 going to 960 - hmmm.
- \* What happened to Rimouski, PQ, French private application on 1000?
- \* CFDR-790 NS denied 680 but gets 50/10 kw.
- \* CIGO-1410 got OK in NS.
- \* Metro Toronto's 1480 CP's were denied.
- \* CBQO-1230 is //CHAK Inuvik "CBC Delta" in NWT.
- \* CHOW-1350 listed last time in ONT is actually CHOV, typo.
- \* The only LPRT I don't know the location of is CBKH-1150 Boss Mountain, B.C. - where is it?
- John Oldfield, 11617 81 Street, Edmonton, Alberta, Canada T5H 1M1

Canadian Family Life--It's Twins...

Corrections/additions to July 15, 1975 - correcting page 416 of 5/10/75 DXM - info from John Oldfield (typed up by BH)

#### BRITISH COLUMBIA:

Delete: CHUB-1570 & CHFQ-1370 - both are now separate owners  
Add: CIFL-1450 & CIFJ-1480 & CHLD-1450 & CHBV-1480 & CKBV-1490 Fraser Lake/Fort Saint James/Houston/New Hazelton/Granisle  
Change: CKWR-580 to CKXR-580 (typo)

#### SASKATCHEWAN:

Change: CFNS-860 & CFRG-690 - both will be // from CBC(FP) Regina, ex-1170 & 710 - delete CFGR-1230

#### NEWFOUNDLAND:

Change: (in VOOB-590 group) CKIM-1240 - add new call to Baie Verte station; also, CKVO-710 (s) Clarendville - add studio

#### QUEBEC:

Add: CKML-610(m) & CKMC-1340(s) & CKSJ-1400(s) & CKLR-1490-(s) Mont Laurier/Maniwaki/St.-Jovite/L'Association.  
CKMC gets CBC FF Net via CBOF. Others via CBF.

THE FOLLOWING ARE APPLICATIONS, SO IF YOU WANT TO ADD THEM NOW, TRY USING PENCIL:

#### BC:

Change: CKCQ-920(m) & CKWL-570(s) & CKBX-1240(s) Cariboo Radio. Quesnel/Williams Lake/100 Mile House.  
CKCQ ex-570, CKWL ex-920, applied to swap frequencies and increase power for all three.

#### PQ:

Add: CJLA-630(s) & CJEN-900(s) Lachute/St.-Jerome application to become twins - may be denied.  
Add: CB..-1110 Rimouski //CBGA-1240 & CBGN-1340 - application

#### NBC'S NEWS AND INFORMATION SERVICE UNDERWAY The June 16th issue of

Broadcasting (information used by permission) says that NBC Radio's new "News and Information Service" network, or NIS for short, which had been targeted for a June 1st start (see 3/29/75 DXM, p. 383), actually got underway at 0606 EDT Wednesday, June 18th, with 33 stations subscribing (including one AM-FM combination and seven other FM-only stations, including three NBC-owned major-market FM's). NBC Radio President Jack Thayer predicted NIS would have 40 affiliates by July 1st, and 80 by this Sept. 15th. We'll see.

NIS operates on regular NBC Radio Network lines, in much the same way that ABC operates four networks (Information, Entertainment, Contemporary, FM) on one line. Accordingly, regular NBC affiliates can hear the programming going down the line to NIS affiliates, but as I understand, are contractually barred from carrying NIS programming. Of course, both NBC and NIS affiliates will band together for joint coverage of live events such as Presidential speeches and news conferences, and special events such as the recent Apollo-Soyuz mission. NBC and NIS will probably split the available time in each hour for election returns, considering that NBC filled about 50% of each hour in the 1974 elections, turning the other 50% over to its affiliates for their local and state returns - they'll probably just switch the process for NIS affiliates, so that NIS gets national coverage when NBC affiliates get local cutaways, and vice-versa.

WNBC-FM New York City has changed its call letters to WWSW(FM) and will be the NIS affiliate in the Big Apple. NBC's WJOI(FM) Chicago, formerly a country outlet, will become WNIS(FM) and carry NIS programming in the Windy City. KNBR-FM, another NBC owned-and-operated station, will be the NIS outlet in San Francisco. The only NBC "O&O" station to carry NIS on the AM band is WRC-980 Washington, D.C., where the presence of Congress and the national bureaucracy is most likely to generate an appetite for an all-news station consisting primarily of national news. The Top 40 programming carried by WRC for the past year or two is being moved, lock, stock, barrel, personalities and everything, to WRC's FM sister, WKYS(FM), which had featured automated "beautiful" music.

Other FM outlets for NIS are KLYX(FM) Clear Lake City, Texas; WBAL-FM Baltimore, Md.; WSCQ(FM) Columbia, S.C.; WITT(FM) Tuscola, Ill.; and KSTU(FM), the FM outlet for daytimer KBBC-1600 Centerville, Utah (listed as KBBC in the Broadcasting article, although they changed call letters to KLAT some time back).

Here, in frequency order, are the 26 AM affiliates of NBC's News and Information Service (NIS) on June 18, 1975:

KURV-710 Edinburg, Tex.  
KSPD-790 Boise, Idaho (daytime only)  
WINZ-940 Miami, Fla.  
WIIN-970 Atlanta, Ga.  
WRC-980 Washington, D.C.  
KHVH-1040 Honolulu, Hawaii  
WQSA-1220 Sarasota, Fla. (daytime only)  
KVOC-1230 Casper, Wyo.  
WMMB-1240 Melbourne, Fla.  
WBUD-1260 Trenton, N.J.  
WWTG-1280 Minneapolis, Minn.  
WRBC-1300 Jackson, Miss.  
WERE-1300 Cleveland, Ohio  
WRR-1310 Dallas, Tex.  
WKLX-1350 Portsmouth, Va.



KRUX-1360 Glendale, Ariz.  
 KTSM-1380 El Paso, Tex.  
 KBMI-1400 Henderson, Nev.  
 WPOP-1410 Hartford, Conn.  
 KARM-1430 Fresno, Calif.  
 WBJW-1440 Winter Park, Fla.  
 WMAX-1480 Grand Rapids, Mich. (daytime only)  
 KLNK-1490 Omaha, Neb.  
 WKWF-1600 Key West, Fla.  
 WPOM-1600 Riviera Beach, Fla.  
 KBBC (KLLAT?)-1600 Centerville, Utah (daytime only)

NIS programming runs from 5½ to 30 minutes past each hour, 24 hours a day, and from 35 minutes past each hour to the top of the hour. (NBC News on the Hour is fed to regular NBC outlets for 5½ minutes, during which NIS outlets are supposed to originate their own news; other NBC features are fed at half past, another local-origination period for NIS stations.) NIS does not program from 9 a.m. to noon nor 9 to 10 p.m. ELT on Sundays, giving NIS four hours a week for local documentaries and such (maybe some paid religion), and using those four hours to feed paid religion, "Meet the Press," and the like to regular NBC affiliates.

Since more stations may be joining NIS in the near future, IRCA members are encouraged to mention AM stations they hear carrying NIS programming in Roundup and Forum reports for the information of members, since it is not too likely that we'll be able to get another listing of the full network again anytime soon. -Bill Hardy.

#### THE IDEAL RECEIVER

by John Kolb

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I am often asked by SWLs "Which receiver is Best?", "Should I buy receiver 'A' or receiver 'B'?", etc. To questions like these, I have to answer "I don't know," or "It depends." Which receiver is best depends much more on the user than on the receiver.

The basic criterion on which a receiver is judged used to be known as the three S's; sensitivity, selectivity, and stability. To these, a fourth S must be added, signal handling ability. But when we are choosing the ideal receiver from among the better quality ones available, we are discussing receivers which are adequate, if not excellent in these qualities. Thus in choosing the ideal receiver, we are mostly selecting factors other than the four S's. Among the factors to consider are frequency coverage, dial accuracy and resolution, bandwidth, and choice of band widths, operating ease, accessories, and certainly not least, cost.

A receiver manufacturer cannot design a single receiver which will satisfy the requirements of all users. To attempt this results in a receiver too expensive for any user. The manufacturer is forced to tailor a model for the requirements of a single category or several closely related categories of user. The more sets of a given model that can be sold, the cheaper they can be sold. Here's the first contradiction. If the manufacturer makes the receiver too specialized by omitting features to save money, the cost goes back up because of the low sales volume. One way around this is to make many features plug-in options, as in the SPR-4 (plug in frequency selection, crystal calibrator, noise blanker, AC or DC power cords, etc.) Heathkit chose instead to make two almost identical receivers for hams and SWL's, the SB-303 and SB-313.

The traditional approach to frequency coverage was a receiver covering 0.5 to 30 MHz in 4 to 6 bands, each covering a 3:1 frequency range (i.e. .55-1.6, 1.5-4.5, 4-12, and 10-30). With this design it is hard to determine your frequency within 5 kHz above 3 MHz. In recent years a different approach has come into prominence, the use of a number of bands, each tuned by a linear oscillator covering 200, 500, or 1000 kHz. With this approach, dial accuracy is usually within 2 kHz at any frequency. Coverage of more than one band is achieved by mixing the LMO (linear master oscillator) with another signal, usually from a crystal oscillator, with a different offset frequency for each band desired. Receivers of this type may be general coverage, if enough crystals or a synthesizer, are used, but most are 5 to 10 bands of 500 kHz to reduce cost. They may be capable of operating only on the bands selected and designed in by the manufacturer, or the frequency coverage may be changed/extended by changing/adding plug in crystals. They may include the broadcast band, or they may have a minimum operating frequency of 2 or 3 MHz, even if the crystals are changed to change the coverage pattern. The ideal receiver must, first of all, cover the frequencies of interest of the user. The Heathkit SB-313 is an excellent receiver, but is unacceptable to many users either because it doesn't have the BCB, or it doesn't have more SW bands. Even the Drake SPR-4, which has 14 blank user selectable bands, as well as the SWBC bands,

is not suitable to some utility DXers who require complete general coverage. Some users are satisfied with the lack of dial accuracy of the traditional receiver, while others demand both general coverage and high resolution dials such as is found in the National HRO-500. This is not to say that receiver design limitations cannot be overcome by those with the technical skills, tools, test equipment, and patience, but this does not include the average SWL.

Each control added to a receiver increases the cost greatly. The cost of the control may exceed the cost of the circuit being controlled. In addition, controls require more production labor than parts installed on a PC board, are more likely to contain an assembly error, and require extra checkout time. Thus to keep costs down, manufacturers are incorporating more and more separate functions into single complex switches. In an old receiver, there would be separate switches for bandwidth, AM/SSB (product detector), noise limiter, and standby. In the SX-190, these are all on one switch, labeled LSB/USB/Standby/AM/ANL. While some functions can be combined in one switch without limiting the receivers capabilities available to the user, other functions should not be. For example, under normal conditions a bandwidth of 6 kHz is desirable for AM, and 3 kHz for SSB, but under poor conditions, it is sometimes desirable to use the 3 kHz bandwidth for AM reception, but if the BFO and product detector are selected whenever the 3 kHz filter is, this versatility is lost. A number of people have modified their SPR-4 to separate these two functions. When selecting your ideal receiver, you should consider it's controls and how they will affect your type of listening.

In some ways, requirements for a receiver for SWling are more extreme than for most professional users. A professional user, either commercial or military, usually has some control over the transmitting station. If a channel is unusable because of QRM from an adjacent channel, he can usually have the transmitting station move to a clear channel. In addition, he often has exotic directional antenna systems. Compare this with the poor SWL who is forced to try to log the weak station sandwiched between two 100 or even 250 kw stations located on the same continent. A notch filter or a Q multiplier with a rejection notch is very useful in eliminating hetrodynes, but very few receivers designed for commercial use include these.

Should the ideal receiver be tube or transistor? High performance receivers are still being made with tubes (Drake R-4C, Swan 600-R). It is somewhat easier for a manufacturer to obtain good signal handling performance with tubes than with transistors, but with care, a transistor set can be as good. This would include the use of FETs, rather than bipolar transistors in the front end. Tubes deteriorate with age and eventually fail; receivers made with tubes do the same. Tube receivers are more likely to have a warm-up frequency drift. Transistor receivers draw very little power, and can often be powered from a 12 volt battery for portable or emergency use. Tube sets draw much more, as much as 300 watts or more for some of the military surplus (R-390). In these days of rising power costs and brownouts, this is becoming increasingly more important.

Should you buy new or used equipment? This is tied in closely with the most important factor of all, cost. There are very few for whom cost is not the determining factor. There are two good reasons to buy used equipment, cost and variety. When buying used receivers, you must make sure the equipment is working properly before you buy it, or if buying "sight unseen," that you can return it if unsatisfactory. If you are stepping up to a much better receiver than you have ever used before, you may not discover its problems immediately since they may be minor compared to the problems of your previous equipment, although major for this better class of equipment. Of course, the same thing may occur with new equipment. Once you've bought it, you may have nothing but failures and problems with an item, but this, also, may occur with new equipment, and except for tube failures from age, is more likely in new equipment. The differences in performance between a Drake R-4B and R-4C are very small, but a new R-4C sells for \$550, and a used R-4B may sell for anywhere between \$225 to \$400. The drawback is time. You can go out and order that new receiver any day of the week; to find the used receiver you want may take awhile. Variety - there are not many models of quality receivers on the market now. The number made in the last 20 years may be as much as ten times greater. For example: Drake has made a series R-4, R-4A, R-4B, R-4C, each slightly better than the preceding model. By changing crystals, an R-4A can cover any band between 1.5 and 30 MHz, and performance is about the same as the SPR-4. Cost - about the same as a Radio Shack DX-160.

CFOM-1340 SALE BLOCKED; CBC APPARENTLY RENTING STATION

An August issue of a weekly music publication says that CFOM-1340, the only English-language radio station in Quebec City, PQ, ceased operating on August 8th after the Canadian Radio and Television Commission blocked the sale of the station from C.N. Lucas to Jean and Leopold Fournier.

John Oldfield indicates in his most recent "Kanadian Korner" column for DX Monitor that the CBC is now renting CFOM's facilities, so evidently the station is back on the air.

The CRTC told CFOM at a recent hearing that they were not satisfied with the type of programming the station carried (predominantly top-40 music). The CRTC wanted CFOM to carry more than their present 25-hours-a-week of CBC programming.

CFOM's owners cited audience ratings surveys to point out the unprofitableness of their old format. In November, 1972, with a mixture of MOR music, talk shows, and CBC programming, CFOM had 15,000 listeners a week. With a top 40 format in November of 1974, CFOM had 83,000 listeners a week, and the station has grown steadily since then, with this past June being CFOM's best financial month ever.

Quebec City has a population of some 186,000, with about 480,000 in the metropolitan area. Only about 3% of the Quebec City population are English-speaking.

Before the sale was disapproved, CFOM management had planned to inject new capital into the station, with new equipment, new studios, a new location, and a power increase, as well as hiring additional personnel including a bilingual news director.

What's more, CFOM had proposed to set up a CBC-English repeater station in Quebec City. But at the hearing in July, the CRTC concluded that if the CBC introduced its own station, it would reduce the audience of CFOM and "the economic problems of CFOM would become insurmountable." The owners of CFOM were dumbfounded by this logic. They pointed out that CFOM's ratings had taken a drastic drop in the past whenever the station carried CBC programming, so they figured they would have no trouble competing with a CBC station in the market.

So, with the sale blocked, CFOM left the air August 8th. Evidently the CBC is now renting the facilities to continue its English-language service to Quebec City.

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**THE INTERNATIONAL RADIO CLUB OF AMERICA, INC.**

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

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# CBC takes over at CFOM

QUEBEC (CP) — This city's only English-language radio station, CFOM ended broadcasts yesterday at 5 p.m. EDT and was given over to CBC transmissions.

CFOM is to be a CBC rebroadcasting station until the end of the year, when the national network plans to

build its own English-language station here.

CFOM recently objected to a Canadian Radio-Television Commission (CRTC) ruling that the station carry 25 hours of CBC programming each week. Until yesterday the station was broadcasting pop music exclusively.

CBC programming will include more diverse music as well as public affairs news programming.

CFOM argued that a larger audience had been attracted by its top-40 format, including many French-language listeners as well as the city's 1,600 English-speakers.

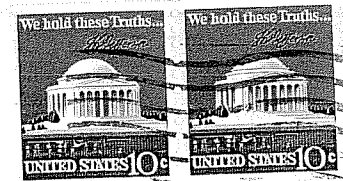
Montreal Star

Aug. 9, 1975

CBM-940 in Montreal began almost immediately to give dual IDs for itself and CFOM-Quebec City in its hourly IDs. S/off of CBM 0105 MM August 11 also gave announcement for CFOM. I presume that CFOM relays CBM from s/on to s/off. It appears that CFOM has been established as a 'high-powered LPRT' relaying CBM until their new facilities are built. To the best of my knowledge, no EE CBC service was available to Quebec City. No wonder if only 1600 EE listeners there. So to all of the LPRTs that are going to be reported heard on 1340 until the end of this year, CFOM is the station that you most likely heard relaying CBM.

# CFUN

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