



HAPPY NEW YEAR

DX MONITOR

PUBLISHED BY

THE INTERNATIONAL RADIO CLUB OF AMERICA
WHOLE NO. 397 DECEMBER 27, 1975

**DX CALENDAR DX CALENDAR
DX CALENDAR**

ELT	
NNRC Tue. 12-30-75	0400-0500 WIRE-1430 Indianapolis, IN 5kw
NNRC Mon. 1- 5-76	0100-0200 WBSM-1420 New Bedford, MA 5kw
NRC	0230-0300 KIMB-1260 Kimball, NE 1kw
NRC	0330-0400 WDSL-1520 Mocksville, NC 5/1
NRC Mon. 1-12-76	0230-0300 KNIC-1550 Winfield, KN 1/4kw
NRC	0300-0330 KKYN-1090 Plainview, TX 1kw
NRC	0300-0500 WVOY-1270 Charlevoix, MI 5kw
IRCA Mon. 1-19-76	0000-0200 WRBJ-1580 St. Johns, MI 1kw
IRCA	0300-0330 WSUB- 980 Groton, CT 1kw
NRC	0300-0330 WTBJ-1090 Monticello, FL 1kw
NRC	0330-0400 KACO-1090 Bellville, TX 1/4kw
NRC Mon. 2- 2-76	0300-0330 KSOA-1430 Ava, MO 1/2kw
NNRC Mon. 2- 9-76	0200-0300 WBRW-1170 Somerville, NJ 1/2kw
NNRC Mon. 2-23-76	0200-0300 WCVS-1450 Springfield, IL 1/4

WIRE-1430 will have regular programming. Reports to Bill Robinson, WIRE, P.O. Box 88456, Indianapolis, IN 46208. Arranged by Brian Ruppel.

WBSM-1420 will have regular programming and might talk about the NNRC. Will use 5kw into the DA. V/s Gregory Lynam, Opr. Mgr., WBSM Radio, P.O. Box J 4105, New Bedford, MA 02740. Arranged by John W. Eckerd, Jr.

KIMB-1260 (daytime only) mat have TTs and march music. V/s Joan Wood, Mgr., P.O. Box 1006, Kimball, NE 69145. Arranged by Neil Zank.

WDSL-1520 (daytime only) will air c&w music and TT. Will use 1kw 0330-0335, 5kw 0335-0355, 1kw 0355-0400. V/s Jack Scott, Eng., P.O. Box 404, Mocksville, NC 27028. Arranged by Skip Dabelstein.

*** **NEW MEMBERS** ***

- Gary Larson, 2806 N. Lincoln, Burbank, CA 91504
- Mark Connelly, 47 Lakewood Dr., Sudbury, MA 01776
- Jordan Roderick, Hinman Box 3336, Hanover, NH 03755 (rejoin)
- Jack Parks, 909 Jefferson St., Hamlet, NC 28345
- Wayne H. Fowler, Box 1057, 717th AC&W Sq., APO Seattle, WA 98747
- Martin A. Yuriga, W9CWB, 333 Roosevelt St., Gary, IN 46404
- David Lanoue, 2540 Chestnut Ave., Carlsbad, CA 92008
- John Wiggins, Jr., 1013 21st St., Apt #6, Anacortes, WA 98221
- Tom O'Connor, 1316 Lake St., Evanston, IL 60201

Address Change:

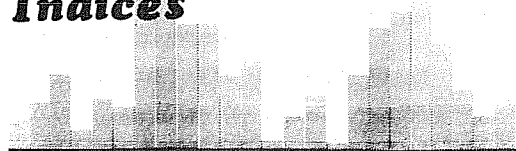
James E. Critchett, 3900 Gaines Lane, Anderson, CA 96007

Renewals:

Mike Knitter, Albert E. Lehr, George Jensen, Ken Horne, Thomas White, Clifford Connelly, James E. Critchett

Gregory Henson, Albany, OH--bulletin returned-undeliverable

Geomagnetic Indices



Nov. 26-Dec. 2 9 5 11 24 28 30 24
Dec. 3-9 10 11 7 6 2 17 12

The next period of significantly depressed tele-communications is expected to be 26-29 December.

CPC Results and FLASH TIPS..

The WWNS-1240 TEST was heard with good to fair level by Paul Mount, Teaneck, N.J. The station was heard at 0122 to 0201 and also at 0335 with code and voice IDs, and march mx.

Since the description of the Worcester MW DX Receiver appeared in the December 6 DXM, 4 of the 6 receivers have been sold. So, if anyone wants to buy one, check with Joe first before chucking \$800 into the mails. His address is J.A. Worcester, R.D.1, Frankfort, NY 13340, 315-894-8040.

Publishing HQ is having new stationery printed up in black and red. Due to higher costs and postage, the price will have to be \$4.00 per hundred. The old blue and red stationery will continue to be available until we run out for only \$2.00 for 70 sheets, or \$2.75 for 100 sheets. Hard to say how long it will last.

CJOR-600, CKIQ-1150, CJCI-620, and CHNL-610 (and presumably CHNL-1-1400) have been granted a network license to broadcast the Jack Webster program Monday to Friday from 1130 to 1300 ELT.

The CRTC will not be putting out their notices for awhile due to cuts in the budget.

The European DX Council has declared 1976 to be "DX Club Year 1976" (DXCY 76) and requests all clubs promote the hobby and maybe we can all get together and have a bigger voice in things, and win new friends for the hobby. Sweden Calling DXers will dedicate their first programs in the new year to this idea.

BROADCASTING

INFORMATION

(as compiled by Mike Worst)

	Day	Nite		
new	560	1kw 250w	St. Anthony, Nfld.	CP denied
KUGN	590	5kw 1kw	Eugene, Ore.	to Eugene - Springfield
new	680	10kw 5kw	Barrow, Alaska	requests KBRW
KLEC	800	250w	Oklahoma City, Okla.	" KQCV
KLOC	920	500w	Ceres, Calif.	to Ceres-Modesto
WPRJ	1310	1kw	Parsippany, N.J.	requests WQTK
CHMO	1450	50w 50w	Moosonee, Ont.	off since 6-1-75
new	1490	1kw 250w	Green River, Wyo.	requests KUGR
WOGO	1550	250w	New Smyrna Beach, Fla.	" WCCZ
new	1570	1kw	Penuelas, P.R.	" WPPC
KLAT	1600	1kw	Centerville, Utah	" KLKR

From the December 15, 1975 issue, and the CRTC.

The Inside Story

EDXR - - - - 162	EDXF - - - - N.S.
WDXR - - - - 162, 163	WDXR - - - - 163, 164
DXWW - - - - 165	DXWW II - - - 166
Ad-Visor - - - - -	- - - - - 172
ANARC Almanac - - - - -	- - - - - 164
CPC Progress Report - - - - -	- - - - - 164
IRCA Reprint List - - - - -	- - - - - (167 - 170)
Spotlight on... - - - - -	- - - - - 171

eastern dx
roundup

Editor: Mike Mitock,
Box 533
Lorain, OH 44052

DEADLINES: Saturdays; All Times ELT

- 710 WEGG NC, ROSE HILL first time hrd, this 250 watter, on since 9/75. In good 11/4 1344 w/country-Gospel. SID, followed by 4 c&G type songs. (GA-NC)
800 WDSG SC, DILLON in very good considering 1500 ELT w/live ID & ABC Ai nx on 11/4 w/heavy QRM. (GA-NC)
910 WJGW TN, JOHNSON CITY was noted 12/7 w/good sig 0356-58. c&w mx., heavy KGLC QRM. (ELK-OH)
1080 WPNS WV, HURRICANE 11/3 fair 1546 promo for Gospel pgm & mx before overtaken by WKLO. Hope they QSL before calls change to WZTQ. (GA-NC)
1280 WANS SC, ANDERSON 12/8 briefly atop channel w/ET-MX-OC 0224-0228 while looking for WIVY Test. Complete voice ID @ 0226. (RA-MA)
1340 WRIT WI, MILWAUKEE noted 12/7 w/NIS programming 0410-15. Atop freq. (ELK-OH)
1380 WTOB NC, WINSTON-SALEM 12/8 s/on for ET @ 0302 w/voice ID u/WNRI/WBNX. (RA-MA)
1400 WBAT IN, MARION noted w/contemp mx 12/7 0210-0300. Back on NSP??? (ELK-OH)
WABY NY, ALBANY noted w/ET-TT 12/8 0102-05. Fair sig, heavy QRM. (ELK-OH)
1450 CFJR ON, BROCKVILLE finally logged w/enough for a rpt 12/8. McR mx 0258-0300. Nx-wx-S 0300-05. Occasionally vy good and atop freq. (ELK-OH)
1460 WDYX GA, BUFORD Bad QRM, but fair 11/3 1654 w/Earl Nightengale Pgm (thought he was dead, hi!) (No, the bear is....hi!...mrm) followed by wx 1658, nx 1659, SID & c&w mx 1702. (GA-NC)
1580 WPUV VA, PULASKI hard to believe, but in like a local except for some QRM 11/4 1345 w/c&w mx. (GA-NC)
WORG SC, ORANGEBURG in easily on ET w/mx 12/8 0107-15. First time here. (ELK-OH)
1600 WNST WV, MILTON Ex. armchair sig 11/3 1707 w/c&w mx, various spots for such thriving metropolis' as Hamlin, Cross Lanes, Nitro, etc., w/stock Mkt rpt 1710, s/off complete w/Charlie Daniels "South's Gonna Do It" 1716. (GA-NC)

FROM THE "DX CALENDAR":

- 930 WLLL VA, LYNCHBURG 12/8 DX Test tried, but not heard. ...12/7 WTHD Test also not heard. QRM both nights from CFBC/WPAT/WBEN. (RA-MA)
1090 WMTY SC, GREENWOOD 12/8 0332-0353, fair to poor on Test w/severe QRM & CKKW QRM. Test had mostly varying tones & frequent IDs. (RA-MA)
+ Was logged on their ET-DX 12/8 0348-0400. Confusing w/all of the c&w!! Nice voice IDs. Severe CKKW QRM and also unID TT. (ELK-OH)
1280 WIVY FL, JACKSONVILLE 12/8 DX Test tried, but not heard 0225-0245, so maybe not on. (RA-MA)
1380 WNRI RI, WOONSOCKET 12/8 0248-0310+, only modulation on Test in this period was varying low-pitched TT/OC & code IDs were heard @ 0304 & 0308. No voice announcements. Easy here @ 35 mi. (RA-MA)
+ In rather nicely thru WBNX on DX 0307-25 on 12/8. Code and voice IDs and rock mx. Nice planning CPC!!! (ELK-OH)

PER THE LIST:

- 1380 WPLB MI, GREENVILLE on w/anncd FG 0044-49 s/off on 12/6. (ELK-OH)

THE CAST:

- (GA)-Gregg Allinson/919 N. Kerr Ave., Wilmington NC 28401/ Aiwa 4-band portable; Hallicrafters S-38C
(ELK)-Ed Krejny/6538 Belmeadow Dr., Middleburg Hgts., OH 44130/ HQ-180
(RA)-Ray Arruda/48 Woodlawn St., New Bedford MA 02744/ SX-122 & SM-1

Small column, but lotsa good DX there! Right now, let me wish all in IRCA the very happiest of New Years!! 73.



NANCY HARDY, Editor

2301 PACIFIC AVE.

ABERDEEN, WA 98520

western dx roundup

DEADLINE EACH SATURDAY

REPORTERS FOR THIS ISSUE:

- (NHP) Nick Hall-Patch-3272 Alder St.-Victoria, BC National HRO, 4' box loop V8X 1P2
(BLH) Brett Hanavan-845 First Ave-Chula Vista, CA HQ-180C, SPR-4, Sanserino loop /92011
(NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA Lafayette HE-30, SM-1 98520

570 unID BC, Quesnel or Williams Lake, Cariboo Radio 12/4 0120 good w/KVI nulled. Hockey game from Quesnel & spots for merchants in Williams Lake. Is this CKWL now? If so, what power? No sign of twin on 920. (NHP-BC) (For readers info, CKCQ-570 Quesnel is moving to 920. CKWL-920 Williams Lake is moving to 570. Both are // w/Cariboo Radio slogan Per NRC Log, 570 stays lkw DA-2. 920, however, increases to 10kw DA-N. NH)
620 KSTR CO, Grand Junction 12/3 1852 fair to good strength w/KGW nulled. Sports & state ski report, "K-Star" IDs & local nx. (NHP-BC)
730 KSVN UT, Ogden 12/13 1847 w/K-7 Country. Many ads, s/off at 1900. Studios at 925 W. Riverdale Road, Riverdale, UT.
730 CKDM MB, Dauphin 12/8 0700 w/ID / (BLH-CA) mentioning MB & SK coverage, then nx. Presumably just after s/on as XBX dominated previously. Fair, steady sig. cutting thru CKLG OC. (NHP-BC)
860 KSHA OR, Medford 12/10 1120 fair o/KTRB w/C&W, probable "K-Shay" IDs, and phone number 779-2565. It's not listed in Medford directory but 779 is Medford, so counted even if IDs not too clear.
860 CJBC ON, Toronto 12/15 0605 fair / (NHP) w/nx in FF, 0606 "ici Radio Canada" & into talk in FF. Rotten LPRT hets and KTAC-850 slop. The LPRT OC orchestra is really deadly here. (NHP-BC)
900 KGRB CA, West Covina 12/6 1310 w/jazz. This one often tried at LSS but no go. KDBO-910 slop nulled. (BLH-CA)
980 KINS CA, Eureka 12/3 1916 just caught an ID in the burble in CKNW's null. Possible KVLV ID in there too but not positive. (NHP-BC)
1000 *KXRB* SD, Sioux Falls 12/15 0302-0315 barrel-ling in w/many IDs and C&W mx. Occasional blanketing by KOMO OC. (NHP)
1010 KIQI CA, San Francisco 12/13 1940 w/ad for a water bed store, then DJ told the titles of the next 4 or 5 songs that were to be played. Into rr. (BLH-CA)
1270 KFJZ TX, Fort Worth 12/15 0301 ID follow- ing nx, poor w/static. (NH-WA)
1280 KUDY WA, Spokane 1100 12/10 in & out of KIT, KMAS, KBDF chaos. ID at 1100 "Gospel Voice of the Inland Empire KUDY." (NHP)
1310 CIOK AB, St. Paul 12/15 0420 "OK Radio" ID amid the C&W. Good steady signal but no sign of CPOK on 1370. (NHP-BC)
1350 KRLC ID, Lewiston seems to be NSP, noted AN 12/14 & 12/15. Ho Hum. (NHP-BC)
1380 KTOM CA, Salinas 12/7 2328 weak to fair, KRKO partly nulled, ID, local nx & wx followed by Am. Entertainment net news at 2330. (NHP-BC)
1400 KBMI NY, Henderson 12/8 0400 weak but clear signal in usual mess w/local nx after tons of NIS IDs & nx. Is this still the only NIS stn on this channel as I often hear NIS IDs here. (NHP-BC)
1400 CFLD BC, Burns Lake 12/8 0407 Central Inter-ior Radio ID after nx & wx. (NHP-BC)
1440 WAKC IL, Normal 0523 12/14 two bursts above the mess,"a public service message from the Illinois..." and "...AKC" jingle. NRC Log says they're not on until 0600 but... (NHP-BC)
1440 KEWI KS, Topeka 12/14 0540 w/"Kee-Wee" ID and Glen Campbell song. Wx at 0554 gave temp as 60°--in December? (NHP)

- 1440 KXXR WA, Spokane 12/11 1035 audible in CFCP fades w/"News 30" IDs. Nx & wx to 1100 w/ads & forecasts for Spokane but no letter ID. Received again 12/11 1845 in strong w/Am. Entert. report and definite ID. (NHP-BC)
- 1450 KCLX WA, Colfax 12/11 1825 poor to fair in KONP null w/wx, ID, spot for Pizza Haven in Pullman. (NHP-BC)
- 1510 WLAC TN, Nashville 12/14 0625 w/ad for records available "here in Nashville", other mentions of Nashville, but no letter ID. Nil to poor signal--comes from being in their null I guess. KGA off. (NHP-BC)
- 1550 KOKA LA, Shreveport 12/15 0524 w/church group announcements, ID, Gospel mx. Strong at times w/a little CBE QRM. This is 500w? (NHP-BC) (I'll take the CBE QRM, hi. -NH)
- 1560 WDXR KY, Paducah 12/15 0325 nil to fair w/some QRM from unID SS. MOR mx, ID, and wx forecast. (NHP-BC)
- 1580 KRZI TX, Waco 12/8 0417 w/rr, ID (sounded like KRZQ) & ad for a concert. Weak to fair signal for a few minutes only. Is KDAY NSP now? (NHP-BC) (KDAY off MM after 0500 as far as we can tell.-NH)
- 1600 KASH OR, Eugene noted at 0430 12/8. Another NSP? Rats! (NHP-BC)

It sure is good to have our Canadian members back again. Hope some more of you US people would report too. Write your tips in frequency order, giving date, time, call & location and details of reception. Use Eastern Local Time. Hope you all have a Happy New Year! 73

DEADLINES **western!** EDITOR: RICK HEALD
EVERY **dx forum!** 534 WELDON AVENUE
FRIDAY OAKLAND, CA. 94610
(415) GLencourt 2-4816

RICH SEGELAS-P.O. BOX 26254-SAN FRANCISCO, CA. 94126

Greetings everyone! First time I've appeared here in quite some time, so I'll re-intro myself. I'm 23 yrs old, work as a tax accountant at U.S. Leasing Corp in S.F.. Concerning the proposed IRCA/NRC merger, that's ridiculous!! IRCA seems to be the best club, not only to myself, but to many others. W/two clubs we have a greater choice of materials to read and the choice on the type of club we want to be a member of. Saturday after Thanksgiving was a fine day in San Francisco at the Hotel Raphael. We had a FANTASTIC get-together (I finally got to meet Father Jack). Rick Heald played a tape for us called, "The Worst Moments of James Gabbert", a pretty funny tape. (Sub-titled, "Why KIQI Should Not Got 50kw Fulltime"). Rick has submitted a bid for the 1976 IRCA Convention (haven't you?) (Somebody rang?-Rth) By the way, Don Erickson, WHERE WERE YOU??? Hope that everyone can come to San Francisco, the birthday city. Happy New Year to all and 73. (Good to meet you, Rich, and hope to see many more Forums from you in the future-Rth)

ALBERT S LOBEL-247 N 1st ST #27-EL CAJON, CA 92021
Phone: (714) 440-2544

Have written to Jack London of KDWN giving my comments in favor of the IRCA/KDWN Radio Show. I told Jack that he's doing a very fine job. Rick, I was not suggesting a network hook-up when I suggested that the IRCA/KDWN radio show be broadcast on a few other stations. Jack London records the show on tape a day or so before it is to be aired (Bill, am I correct?). He could always make a duplicate for the other station/s involved and sent to that station. Listened for the KXRB TEST and heard it very well here. Letter sent to inform KXRB, but no verie requested; I've already veried them. KWIP TEST was also heard very well, taped report sent; v/l rcvd 1 wk later. Finally veried KGA after 9 yrs and at least 20 reports. Taped reception report to a DJ (a woman) did it in 2 wks. Woman was no v/s; signer was a man. My Christmas wish appeared in my column; just want to take the space here to thank all of you who

sent me Christmas cards; THANKS! I support San Francisco for the 1976 IRCA Convention. If my finances allow and I have the time available, I'll be there. 'Til next time, 73 and good DX in '76 to all!!!!!!

BILL HARANG-811 NEVADA AVENUE-SAN JOSE, CA. 95125
Phone:(408)-292-8198

In August, I sent a tape of our first DXer Report prgm to our club president, Rick Evans. Although Rick had problems w/his cassette recorder, he still was able to hear the tape, but barely. In a 9/10 ltr to me, Rick said the following: "Did manage to hear the KDWN 720 program, but just barely. It sounds good, and seems like it would be an interesting program. I heard enough to be satisfied as the quality of the show." On Friday morning, 12/12, KIQI 1010 didn't s/on til 0905 PST for some reason (JG must have run out of records-Rth) On our 11/5 DXer Report program, Jack London mentioned that KDWN rcvd reception reports from the following people: Mike Ryan of San Diego, Chuck Rogers of Bainbridge Island, WA, Bob Fabris & Bill Seely of San Jose, Kevin Mollander of Concord, & Brian Murphy of Monterey Park. Monterey Park is in the LA-Orange Cty area. Don't confuse it with Monterey, CA!! KMBY has always been primarily programmed for adults. KDON & KPFC are programmed much more directly toward teens. In the ratings, midday teen shares are always unstable, since teens are in school then, and the remainder available to be "shared" is very small. However, I should mention that recently the new owner of KMBY decided to make KMBY sound more like KDON, and fired most of the stn's executive staff. So that may be it for KMBY, a pity. Doc Hammond and Frank Colbourn are no longer working at KMBY (after 23 yrs for Doc, 8 yrs for Frank). The new owner also bought KVEC 920 at the same time. Frank is now working at KDON 10am-2pm, and production. Doc seems to be working as a small ad agency at the moment.

CHARLES A WOLFF-4911 PROCTOR RD-CASTRO VALLEY, CA. 94546

MM 12/8 was a wipeout. Stayed up til 0600 EST and hrd not much. YNX 750 was coming in fairly well, and after looking for a "R. Caracas" ID for about 45 min, the Venezuelan everybody seems to be hearing lately on 750, I realized they were saying "La X." Also, a mystery Mexican of sorts, on 1470, seemed like they said "XEM". So I'm not sure if I had XESM Mexico City or maybe XEBBC w/a call change, as I hrd a Tijuana ad or two. (More than likely, XESM, they do quite well at times-Rth). I don't have a log w/me as I type this. Sat on CHPQ 1370 for about an hour and couldn't pull as IN from them, seems like I've done that before. There's a possibility there will be two WC Conventions to come to this Summer; BARR is bidding IRCA, and Portland is bidding WTFDA. We're working together w/a schedule, and if we both get chosen, conventions will be a week apart. So think about taking your vacation in August.....official dates will be announced after official convention cities are chosen.. Thanks to those who have already expressed an interest w/convention and DXGT planning; we can always use more. If somebody would like to put together a Western-states IRCA member list for me, I'd appreciate it, as I joined after the last membership list, and also haven't been able to get a list of those who joined since. Any takers? Rx may get a badly needed tuneup pretty soon, if I can figure out how to get it to the guy who's offered to work on it. Ho hum. P.S., Jef Jaisun, if you read this, beg, borrow, or steal a copy of Zappa/Mothers, "Roxy and Elsewhere" and listen to "Dummy Up". You'll love it. SAN FRANCISCO '76.

RICK HEALD-534 WELDON AVENUE-OAKLAND, CA. 94610
Ph: (415) GLencourt 2-4816 before 2230 PST

HAPPY NEW YEAR!! Hope 1976 will be both prosperous and DX-filled. Bill Hardy, I admit to error. KIQI PSA is not 9 w, but 250 watts. Neither appeared in DXM, but did in DXN. 9 w was emergency PSA granted last Winter, then he applied for 250w late Spring, and I'm sure, was rubber-stamped approved. I'm hmi to both KRE and KIQI, both null about same, so I assume he's using 250. At least at 0717 PST, my S/Meter jumped 34dbm! My comment in Harang's DXF, re JG w/no records, it HAPPENED! On his show, and

on tape for history. He turned away from mike to ask Steffen Ponic what album "Living For City" was on, then turned to mike and asked audience. Then got so frustrated, he yelled into mike, "Get me a record, any record!! This is a ----- fix to be in." KXRB 1000 TEST was in, barely. Got their s/off great, don't believe the KKIS 990 slop, tore into KXRB. KLUC TEST, if you can call it that, like a local, made the 500 miles sounding like 50kw. Could only put tiny null on 'em, very weak CKXL (I guess) far u/KLOC. They merely re-broadcast FM to AM, consequently also aired spots. Ahem! Wolff says later the DJ mentioned they had been ETing their AM since 11.40pm PST. Oh really!!! Hooked rx to scope, checking clean vs dirty signals. Winner of best "PI", KRE. A perfect trapazoid. Loser, KDIA. Their XR is phasing!!! A perfect cylinder. And don't say it's my rx, too many rx's hear the same raspy bass, like a steady roar w/no deffinition. Sort of like a small speaker about ready to be blapped. They must have hired KNEW's CE, hi. KNEW seems to be much better lately. SAN FRANCISCO '76. 73

CPC PROGRESS REPORT

As you can tell by looking at the recent DX Calendar sections, our CPC effort is coming along fairly well. With the first half of the season coming to a close, we have already surpassed last year's totals. The prospects look even better for the second half. The committee presently has 10 workers, and at least seven have scored with tests so far this year.

Here is the CPC SCOREBOARD, by clubs, as of Nov. 26. This info has been tabulated from IRCA and NRC bulletins.

IRCA	NRC	NNRC
23	38	9

Despite our almost 400% improvement over last year, we are still falling behind NRC. The reason is lack of HARD workers. While NRC has 3 or 4, we have only a couple. By hard workers I mean with 50+ requests out. I doubt if they have any more people working on the CPC than we do, but the difference is effort. What we need are an additional 5-10 workers for the second half of the season. These workers should be able to get out 10-20 requests by the middle of March. If any members are interested, write to me immediately!

One final note: after arranging a test make sure you send the test info to NRC, IRCA, and NNRC. Send NNRC info to Tom Sundstrom, P.O. Box 205, Willingboro, NJ 08046.

Our CPC motto for the second half of the season is "Let's make a run at NRC!"

Rob Keeney
22-12 Stouffer Place
Lawrence, KS 66044

ANARC ALMANAC

Happenings in the Association of North American Radio Clubs. Executive Secretary: Dave Browne, 557 N. Madison Ave., Pasadena, CA 91101. IRCA Representatives: Rick Evans, John Zondlo, Father Jack Pejza.

Bids for the 1976 ANARC Convention have closed on Nov. 20.

Kim Andrew Elliott has been appointed Frequency Recommendation Committee Chairman. He represented ANARC at the initial meeting of the International Broadcasting Service Group of the FCC on October 21.

The 1975 ANARC Convention adopted a resolution to the effect that the ANARC Man of the Year Award be selected by vote of the ANARC Clubs, and that two awards be given: one for the U.S., and the other for International.

National Radio Club announces its revised pattern book will be available soon. Dues are now \$15.00 per year, as of January 1.

North American Shortwave Association has a new 112 page book, "DXing According to NASWA" by Ed Shaw. Cost is \$3.00 the book can be obtained from NASWA, P.O. Box 13, Liberty, IN 47353.

Worldwide TV-FM DX Association has a new book, "WTFDA TV Station Guide" for \$5.00 from WTFDA, P.O. Box 163, Deerfield, IL 60015.

SPEEDX has its basic information pamphlet #5 covering shortwave propagation now available, from SPEEDX, P.O. Box E, Elsinora, CA 92330.

Southern California DXers tentatively plan a reception for Australian DXer Bob Padula at the home of Verlin Shinn, Hidden Hills, CA, on December 30.

Foreign DX clubs, with information available for 4 IRCs: Subcontinent Association of DX Clubs, c/o Victor Gontilleke, Galle Walauwa, Piliyandala, Sri Lanka. Argentine DX Club International, Gutenberg, 3276, Buenos Aires, Argentina. DX Clube Do Brasil, c/o Luiz Roberto de Medina, Secretary General, Caixa Postal 30, 50.000 Recife, Brasil. Australian Radio DX Club, c/o Bob Padula, P.O. Box 227, Box Hill, Victoria 3128, Australia. World DX Club, c/o Clive Jenkins, General Secretary, 11 Wesley Grove, Portsmouth PO 3 5ER, Hampshire, England. Riksförbundet DX Alliansen (Swedish DX Club), Box 3108, 103-62, Stockholm, 3, Sweden. South African DX Club, c/o Gary Wood, POB 24, Plumstead, Cape Province, South Africa.

Publications soon to appear: 1976 Communications Handbook, Communications World (Fall-Winter 1975), 1976 World Radio TV Handbook (from Gilfer).

New Sound For AM Radio

By Josephine Mallo
Daily News Staff Writer

AM radio has a new sound today at 770 on the dial.

It is KTWG, a "nonprofit, nonpolitical, noncontroversial" interdenominational Christian station which was to begin its first broadcast at 6 this morning.

"We will have good-quality, inspirational Christian gospel programs, good music, classical and semiclassical," said Dr. Paul E. Freed, president and founder of Trans World Radio, an international radio network of which KTWG is a member.

"We are particularly interested in Guam because of its strategic position -- because of the Orient. We can reach Mainland China, Southeast Asia, east Russia and Indonesia," Freed said.

The radio station and transmitter of KTWG, located in Nimitz Hill, are the initial steps in establishing a larger transmitter in Merizo for

international broadcasting, he said.

The projected Merizo station, KTWR, will have 200,000 watts of broadcasting power and will reach locations bordering and within the Pacific Basin.

The present station in Nimitz Hill has a transmitting power of 10,000 watts and will broadcast to Guam and adjacent islands, it was reported. The studio is only temporary and later will be linked to the Merizo transmitter, Freed said, with the studios and offices later located downtown.

The station will "start with local personnel," he added with the number depending on the rate of expansion.

The station's staff now is several missionaries and their families, supported by Christian churches and individuals in the United States.

The target audience is "all the people -- whoever is home, the housewives, children, youth and we may even put on a short

Vietnamese program," Freed said.

The station, which was built in three months, will begin with primarily music and later will add a variety of Bible programs. National and international news from Associated Press wires will be broadcast each hour, it was reported.

"We are interested in the people locally and in serving them," Freed said. "When we broadcast we will be talking about Guam and our asset to Guam will not be in money."

The broadcasts will inform other countries about Guam and

will promote the island, he added.

Freed estimated that the station normally would cost about \$2.3 million but "expects less because of the staff, which is not paid for labor, and facilities, which are already owned or given to us."

The studio's tape recorder, speakers, turntables and several other pieces of equipment were donated by the men of the nuclear submarine tender Proteus, Freed said.

Trans World Radio has stations and studios all over the world, he said, including South America, Spain, Lebanon, Holland and France.



FREED

SAN DIEGO EVENING TRIBUNE 21, OCT 75
Lawler to air Sails' games

Ralph Lawler, former sports announcer at KDEO, is returning to San Diego to be the play-by-play announcer for the San Diego Sails broadcasts on KSDO.

He left here two years ago to join WCAU in Philadelphia, where he did a daily sports show and also the play-by-play for the Philadelphia Flyers hockey team.

Jack Sabella, general manager of KSDO, made the announcement yesterday. The station will carry all of the Sails' games this season.

DXWW II Special
22 August 1975 Pacific Daily News,
Agaña, Guam via Peter Campbell

Radio Melbourne

WMEL

WJIT 1140 AM

PHONE: AREA CODE 305
MELBOURNE 254-2282
COCOA 783-0920

1,000 Watts At 920
SERVING FLORIDA'S SPACE COAST

KHOW
DENVER RADIO 630

DX

Worldwide



BRUCE PORTZER, Editor

All times GMT/UTC Deadline Saturdays

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

ATLANTIC DX ROUNDUP

- 818 UNID, 12/9 0050 Arabic mx w/long slow fade, fair-poor w/hets, cont'd w/o break thru 0100 but lost at 0102. (Curtis,VT) (Probably Morocco, bp)
1166 MONACO, Monte Carlo, TWR 12/13 2358 mx & unid lang but hrd tones & s/off at 2400. Fair. (Curtis,VT)
1529 VATICAN, Vatican City noted 12/15 0624-0633 w/ID of chimes, then tolling bells, then Latin/Italian phrase used on SW, ID, then into mass. Signal fair w/fluttering fades & no QRM from others. (Jensen,MD)

PAN AMERICAN DX ROUNDUP

- 510 NICARAGUA, Managua, YNOW 11/22 0301 w/"R. Corporación" ID & spots, one for "San Martin" (product, I think) and another for someplace "en Managua," KEWA mull'd. (Keleher)
630 CUBA, Santa Clara, CMHQ w/amrt "R. Liberacion, desde la Habana, Cuba, primero..." etc. 0232 12/8. Then ment'd "teatro" & drama followed. //640. (Keleher,IN)
650 COLOMBIA, Bogotá, HJXX, Monseratte ID after chimes 0400 12/12. American inst mx before and after the hour. Strong at times but troubled by electrical noise. No WSM. Think another SS on channel and hrd whistle IS at 0345. Notes were E-C#-E-C# for you musicians. Was this HJXX or the Unid one? (Hall-Patch,BC)
680 COLOMBIA, Zambrano, HJBU w/cl mx 0225 12/4, amrt by OM 0225 mentioning Haydn, then ID by YL which is, as I hear it, "La R. Porteña Nacional de Colombia." Very good signal at times. A friend who speaks SS tells me that "porteña," originally meaning "from the port," is now taken to mean "in the northern part" in several SA countries as that is where the ports are. (Keleher,IN)
690 MEXICO, Tijuana, XETRA 12/6 0100-0115 off and apparently having trouble. Kept switching carrier on & off. Another stn audible u/KNER slop, prob CMBC. (Lobel,CA) (Or CEU.bp)
735 ECUADOR, Quito, HCBGL believed the one w/SS pops, ment of "Melodia, en Quito" and "La Capital" 0523 12/2, similar amrt 0539. Barely above noise so hesitate to call it more than tentative. Will get 'em later, hi. (Keleher,IN)
775 COSTA RICA, San José, TIW(?) w/US pops 0543 11/23, "R. Uno" promos, San José ment in amrt 0558. All amrts at this time in SS, but can be hrd earlier eves w/EE amrts & spots, even a McDonald's spot hrd once. (Keleher,IN)
800 MEXICO, Cd. Juarez, XEROK 12/8 0128 audible u/XEMMM mull w/rt mx. Spot for Ray's #2 Drive-in & "X-Rock 80" ID 0130. (Lobel,CA)
800 NETHERLANDS ANTILLES, Bonaire, PJB 12/8 0813 poor sig w/PP u/slop from KGO TT. (Lobel,CA) --- 12/11 0500 beautiful TWR ID in EE in CJJC's mull, followed by "mx from TWR & Assoc Press". CJJC buried mx but fcd up for 0504 ID & commencement of SS BC. (Hall-Patch,BC)
820 COLOMBIA, Cali, HJED 12/9 0102-0215 fair-poor w/long fades & hets, SS mx w/frequent Bogotá datelines & ment of Colombia, 15 mins mx, then LA mx. (Curtis,VT)
834 BELIZE, R. Belize noted in passing 12/13 0306 w/nx in EE. Fair sig, het w/WCCO. Noted stronger than WCCO w/nx in EE & SS 0202. (Hall-Patch,BC)
850 MEXICO, Mexicali, XEZF 12/8 prob the one hrd u/KOA w/mucho slop from XEMO. Insufficient for rpt to stn due to XEMO slop. (Lobel,CA)
860 DOMINICAN REPUBLIC, Santo Domingo, HILR, R. Clarin noted back on AN sked 12/6. Logged 0846 w/plug for Pres. Balaguer & Instituto Dominicana Agraria. Repeated at 0900. (Stanbury,ON)
880 CUBA, Pinar del Rio, GMAF noted w/slow SS songs //690 12/6 0200+, fadey evening. Came up for chime & ID 0230, "R. Progreso Cadena Nacional...Habana,Cuba...primero territorio", etc. Progreso //s are monitored by setting small hand-held rx to CMBC-690, but I turned its volume down to hear this on 880; it wouldn't be fair to hear it on 690. (Keleher,IN)
900 MEXICO, Mexico, DF, XEW 12/11 0341 probably the one hrd u/slop of local KDEO-910. That I hrd mention of Mexico City. (Lobel,CA)
990 MEXICO, Mexicali, XECL 12/11 0353 hrd w/"X-E-C-L, Radio-Rama" ID; Mexiglenn log sez "Radio Mundo". (Lobel,CA)
1005 COLOMBIA, Neiva, HJDP 12/12 0707 w/SS mx & R. Colosal IDs. Several ments of Colosal afterwards. Cx seemed good to the south this AM. (Hanavan,CA)
1163 HONDURAS, Despite a rpt by NASWAN Bob Keeney that R. Swan is now listing 1160 as its MW freq, R. Paraiso was noted here at 0228 12/14 w/ID. (Stanbury,ON)

- 1325 NETHERLANDS ANTILLES, Aruba, PJA10 w/amrts in SS, playing EE pops, several ments of Aruba & "La Gran Programa" 0213-30 11/25. Am quite certain this was Aruba; will furnish tape to any DXer fluent in SS if they'd like like to check. First 1 kw SA, great moments in DX, hi. (Keleher,IN)
1410 UNID 12/11 0413 "R. Instructo" ID hrd 0427. No other IDs hrd. Ideas anyone? Am certain of 1410 as this was in KERN mull. (Lobel,CA)
1460 COLOMBIA, Villa del Rosario, Radio Monumental is a new stn here, per Belgian Radio/TV DX Corner. (ed)
1540 BAHAMAS, Nassau, ZNSI mentioning "Mx on the Bahamas Radio Network" 0712 11/17, on "Mx till Dawn" show, OM ancr, mostly MoR mx. (Keleher,IN)

PACIFIC DX ROUNDUP

- 1040 CHINA, -- okay, JJ, not CC; the two sound alike to me. Note Seaver! (Lobel,CA) (Shouldn't be too hard to learn the difference. CC is sing-songy, JJ is less shrill and is sometimes confused w/SS if the signal is weak, bp)

INTERNATIONAL QSL ROUNDUP

- 1016 TURKEY, Istanbul, TRT verified my reception on this freq w/specific QSL card. Contains all pertinent data except location. Country #118. (Stanbury)
1088 ENGLAND, Crowborough, BEC verified my reception of this site w/card and even more specific memo. The latter also notes "1088 kHz is radiated from the test site (previously rpt'd as Orfordness-CMS) between 0745-1745 GMT, the pwr is 50 kw." (Stanbury,ON)
1475 AUSTRIA, Vienna, Osterreichischer Rundfunk 3 mos. w/3 IRC's sent many goodies including complete series of CM's for AM/FM/TV of entire system and silver/black QSL card filled in w/specifics but not signed. Card special for 1475. Address: Austrian Radio - Technical Dept. - P.O. Box 200 - A-1043 Vienna. (Jensen,MD)
1602 WEST GERMANY, Munchen sent colorful QSL CARD of sax player for 3 IRCs in one week. Bayerischer Rundfunk the station. (Jensen,MD)

Conditions seem to be improving slightly. East Coasters have a little better than they have been here. And TAs are showing some improvement on the EC. Maybe there will be a slight peak during the Christmas breaks that many of us will be enjoying. Let's hope so. Until next week, Merry Christmas and best of DX in the New Year.....73

CONTRIBUTORS

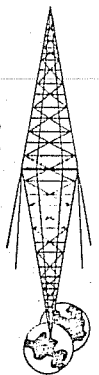
- Bob Curtis - 17 Cobbleview Drive, Colchester, VT 05446
Hammarlund SP-600, longwire
Nick Hall-Patch - 3272 Alder St. - Victoria, BC V8X 1P2
National HRO, 4' box loop
Brett Hanavan - 845 First Avenue - Chula Vista, CA 92011
SPR-4, HQ-180C, Sanserino loop, 100 ft longwire
George Jensen - 4604 Anntana Avenue - Baltimore, MD 21206
John Charley Keleher - 392h Sleepy Hollow - Ft. Wayne, IN
HQ-180, loopstick, preamp
Albert Lobel - 247 North First St. - #27 - El Cajon, CA
DX-150, Sanserino loop
C.M. Stanbury II - Box 218 - Crystal Beach, ON LOS 1B0
Hammarlund HQ-200

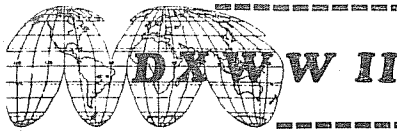
YSS Radio Nacional de El Salvador

San Salvador, C. A.
HORARIO DE TRANSMISION
De lunes a sábado, de 6:00 am. a 11:00 pm.
Los domingos, de 6:00 am. a 10:00 pm.

FRECUENCIAS:

- 655 Kcs. Onda Larga.
5980 Kcs. BANDA de 49 mts.
9555 Kcs. BANDA de 31 mts.





CHARLES A. TAYLOR, Editor

939 EASTERN AVE.

INDIANAPOLIS, IN 46201

DXWW II No. 38, typed 14 December 1975. Phone: 317-638-4166; 2330-0300 GMT, weekdays: 1300-0300 GMT, Sunday.

ITU MEDIUMWAVE CONFERENCE IN GENEVA ADOPTS UNIFORM 9-KHZ WAVE PLAN FOR AUSTRALASIA AND EUROPE

PEOPLE'S REPUBLIC OF CHINA NOTIFIES I.T.U. OF ITS PRESENT MEDIUMWAVE ASSIGNMENTS; REGISTERS 1,100 CURRENT ASSIGNMENTS AND CORRESPONDING 9-KHZ WAVE PLAN REQUIREMENTS

MALAYSIA NOTIFIES I.T.U. OF LOCATION OF 1475-KHZ TRANSMITTER

JORDAN AND BANGLADESH OPEN NEW MEGAWATT MEDIUM-WAVE STATIONS

Bangladesh (MWN) The new 1000-kW at Dacca on 690 is now in operation. Noted in Calcutta from 0400 to past 1600 (International DX Club of India).

Brasil (MWN) The Ministry of Communications announces new frequency allocations to be operative from 1.11.75, opening way for 370 new mw stations. All stations will be required to reduce power at night. According to R. N. Brasilia, the power limit will be 200 kW. (New Zealand Radio DX Association via NRC)

China, People's Republic Nearly 1,100 mw Transmitters of 0.3 to 500 kW have been registered by PRC with the International Frequency Registration Board (IFRB) of ITU, distributed on most -10 kHz channels, plus some -5 kHz channels. Only one 500-kW transmitter is registered: Urumqi shi 1520 kHz. 300 kW is registered for 1040 Changzhou (between Nanjing and Shanghai, used in foreign service to Japan and Korea); 1190, 1210 and 1300 all in Kunming (Yunnan) probably used in foreign service to South East Asia (1300 kHz observed while in Philippines 1970-71 ed.). 200 kW is registered for four outlets (670, 1270, 1380, 1540) in Dehua ("Tehwa") in Fujian prov. (probably for Fujian Front programme). (all observed in Philippines 1972-73 ed.) Also 585 Lanzhou ("Lanchow") in NW China (to Inner Mongolia?), 840 Wuhan (Central China), 1170 Qabdo (in NE Tibet) (pronounced approximately Chabdo ed.) and on 1480 Wencheng, Fujian prov. (Special Taiwan service?) (Zhongyang Renmin Guangbo Dientai, Taiwan Guangbo, observed in Philippines ed.). 150 kW is registered for 590 Wenchang (Taiwan programme ed), 640 and 720 Beijing ("Peking"). There are 25 of 100 kW, e.g. 1020 Changchun (Manchuria—used in Japanese service?), 1210 Yanji (used for programs in Korean), and 1460 Huhhot (Mongol Service). It is not known whether all those 1,100 transmitters are actually on the air, or if some registrations reflect future plans. Our personal comments would be a surprise over the "low" powers registered for the famous 1525 Urumqi, as well as some of the other FS "power-houses" like 1040 and 1190. (Lars Rydén, Järfälla, SWEDEN) It is my opinion that about half of the assignments registered are projections only. Nevertheless, the ITU list received from PRC is an unprecedented breakthrough. (ed.)

Cyprus (MWN) BFBS has moved from 890 to 881; sign-off 2115 (Danish Shortwave Club International).

France (MWN) Radio France is to construct a synchronized relay of the longwave France Inter transmitter. Will be near the south coast of France where reception of present station is very weak. (Le Monde via Alistair Bawden)

Hong Kong Commercial Radio's English service on 1050 is now identifying as "1050 Radio" (Lars Rydén, Järfälla, SWEDEN).

Japan A closed-circuit, all-English radio program is now available at major hotels in Tokyo. It is identified as "K-O-X Cable Radio, Tokyo", or simply "KOX Radio". Program is DJ music shows, sports 24 hours, plus news every hour at :55. The format and sound reminds very much of FEN. Some of the announcers are ex-

FEN. (Lars Rydén, Järfälla, SWEDEN) (Believe that it is this organization that grunched up/spit out Glenn Hauser's hopes for employment in Tokyo ed.)

Malaysia (Sabah) 1475 is not located at Sandakan but at Tuaran, which is a place some 10 miles up the coast from Kota Kinabalu. Registered power is 600 kW, coordinates are 116°11'E 06°11'N. Location is to be shown as Kota Kinabalu in WRTH76. (Lars Rydén, Järfälla, SWEDEN)

Netherland (MWN) Hegalo to go to 890 and Halsberg to 1493 (both now on 1594). (Distance)

Netherland Antilles (MWN) PJB2, Voice of Bonaire, now on 1400 ex-1585. (Distance)

Saint Lucia (MWN) Lovis Aubree reports that R. Caribbean is soon due to broadcast both in French and English, using two frequencies. (Emph mine ed.)

Thailand A ban has been put on all English (and other foreign language) broadcasts from commercial and military stations. There was a growing number of such bcasts, all on FM. The only EE service now available on Thai radio is that of Radio Thailand announced in Bangkok newspapers to be bcast every morning 0630-0830 local time on 920, 9650, 11905 kHz and FM 97 MHz. (Lars Rydén, Järfälla, SWEDEN)

Timor According to Far East newspapers, a "Radio Lorosai" is operated by the anti-Fretelin Timorese Revolutionary Front. Location somewhere on Timor. (Lars Rydén, Järfälla, SWEDEN)

EUROPE

A report on Radio Nederland's DX Juke Box on 5 December gave the results of this fall's mediumwave conference in Geneva. 9 kHz has been adopted as the uniform channel spacing throughout Europe, Africa, Asia and Australia. It will take about three years to implement the new mw plan. Channels will run from 531 to 1602 kHz with the last becoming an additional graveyard. While not stated, this span implies that all present Eurafican channels will shift one kHz higher, except the high end where the present 8-kHz spacing will become 9 kHz at 1548, 1557, 1566, 1575, 1584, 1593, 1602. Also, 1w channels are to be added between 255 and 281 kHz. On 6 December the BBC Monitoring Service reported that DPA said WDR-1586 would move to 1594, and that BR-1602 would move to an unspecified channel. (Note that Eurafica would lose a channel in this redistribution ed.) While the advent of 'split' allocations in Australasia has been anticipated, the shifts in the existing 9-kHz areas, if correct, will open up an entirely different picture fr Eurafica as well. (Glenn Hauser, WILL, Urbana)

OUT OF ORDER

Jordan: (SCDX) Reliable sources indicate that the new domestic service on 912 kHz is located in the Ajlun area, and uses 1200 kW.

Kuwait (SCDX) Radio Kuwait is now scheduled to broadcast in English 0800-1100 and 2000-2300, and Urdu 1800-2000 on 1133 kHz, according to schedule (Hans A. Fleu, Herzogenrath, W. Germany).

Zaire (SCDX) The La Voix du Zaire regional station at the Muzaba Broadcasting Centre, Bandundu, has been heard carrying out testg with a 50-kW transmitter on 1007 kHz. La Voix du Zaire is now silent on 692 kHz at the present time. The 836-kHz outlet has been noted on 838 and 844 kHz. (Richard Ginbey, Vanderbijlpark, Transvaal, S.Africa).

That is all for this fortnight. I hope to publish more specifics from the PRC registrations to the ITU, such as location and power, at a later date. No doubt such would be of interest, esp. to our WCNA, Zedder, and Aussie.

1976 IS WORLD DX CLUB YEAR. LET'S MAKE THE BEST OF IT! Shalom and 73.

Charlie

ODELAN

LA VOZ AMIGA

to modernize in radio

IRCA REPRINT LIST No. PM-2

A great many articles have appeared in DX Monitor since the club started in 1964. They have offered a wide range of information on broadcast band DXing. Here is the list of articles and other reprints which are currently available. Quite a number of articles have been added to this year's list of reprints.

This list supercedes all previous lists.

ANTENNAS

- A1 Construction of a Directional Spiral Loop Antenna (2) Dallas John. One of the all-time "best sellers" of IRCA Reprints; describes how to construct a simple inexpensive loop antenna.
- A2 Construction of a "Box" Loop Antenna (4). Simple plans for a large four foot box loop, unamplified.
- A3 DCL Construction Plans (3) Dave Fischer. DCL stands for Direct Coupled Loop. Recommended if you have some electronic experimentation experience.
- A4 Roll Your Own (3) Dave Fischer. Hints on the construction of a simple box loop.
- A5 The Loop-Sensor Cardioid Array (2) Ronald F. Schatz. Describes an array of antennas, a loop and a longwire or vertical, which can produce a heart-shaped pattern.
- A6 Some Comments on the Loop-Sensor Cardioid Array (3) Gordon P. Nelson. Describes some shortcomings of the cardioid array.
- A7 The Loop-Sensor Cardioid Array (7) Ronald F. Schatz. Describes the LSCA, with examples of its usefulness.
- A8 Two-Foot DCL Plans (4) Ralph Sanserino. Construction plans for a box loop and pre-amplifier; extremely well done. This is the "Sanserino Loop."
- A9 The Shielded Ferrite Loop; Principles and Practice (10) J.A. Worcester. Describes a ferrite-rod directional antenna, used by many DXers because of its compactness.
- A10 How to Build the SPACE MAGNET Shielded Ferrite Loop (14) J.A. Worcester. Very thorough plans, including photo; not a project for a beginner.
- A11 The Super Signal Snatcher (8) Dave Fischer. Presents some of the theory of operation of a Beverage antenna - a long longwire, with tables and graphs. See also A15.
- A12 Using Two Loop Antennas to Generate Asymmetrical Receiving Patterns (1) Mike Levintow. Describes how the simultaneous use of two antennas can distort the pattern of one alone, thus nulling out some stations otherwise unnullable.
- A13 The Wedge (1) Charles A. Wolff. Simplified plans on a wedge-shaped loop.
- A14 Antenna Tuner and/or Trap (1) Ralph Sanserino. Schematic for a simple antenna tuner.
- A15 NEBE (3) Dave Fischer. A sequel to Reprint All; describes the construction of a Beverage antenna.
- A16 Report on the Beverage Antenna DXpedition (2) Don Kenney. Describes a DXpedition to the Mojave Desert using two Beverage antennas, one 2800', the other 6000' long, with results.
- A17 Loops for the Barlow Wadley, (or Anything Else) (1) Grant Manning. How to modify the XCR-30 so it can be used with a ferrite antenna.

DOMESTIC

- D1 NBC Joins the Multiple-Network Radio Game (3) Bill Hardy. Includes an NNIS list and some comments on the networks of ABC.
- D2 A History of Bootlegging in Indianapolis: The Rise and Fall of the Ten-Watt Voices (2) Charles A. Taylor. Illegal radio stations in the 1960's.
- D3 Canadian Family Life; It's Twins (2) John Oldfield. Describes small networks in Canada, with a map.
- D4 CBC English and French Networks List (1) Bill Hardy.
- D5 CBC Low Power Relay Transmitter (LPRT) List (2) Bill Hardy. Lists all of the 40w LPRT's of Canada.

FOREIGN

- F1 How to Log Latin American Stations (3) Bruce Portzer. Offers a list of common Central and South American stations which the novice can easily pick up, plus tips on Spanish pronunciation.
- F2 Broadcasting in Cuba (3) Ronald F. Schatz. A description of the networks and stations in Cuba.
- F3 A Brief History of Philippine Broadcasting (1) Jim Pogue.
- F4 DXing the TA's (2) Richard Eckman. How to hear trans-Atlantic stations and what to listen for.
- F5 The Mexiglenn List (16) Glenn Hauser. Compilation of all available data on Mexican stations, including frequencies, slogans, powers, networks, addresses, formats, and schedules. Includes two updaters.
- F6 Focus on the Peoples Republic of China (3) Charles A. Taylor.
- F7 First Thirty in English (3) Jerry Conrad. Breaks the language barrier for foreign DXing. Almost 30 countries in the Caribbean area broadcast some English; very detailed. A valuable set of guidelines; first appeared in March 1971.
- F8 Logging Trans-Atlantic Stations (2) Gray Scrimgeour. Describes the best frequencies and times of year to try for TA stations from various parts of North America. February 1969.
- F9 Trans-Atlantic Trail (3) Larry B. Godwin. Includes information by frequency on TA's heard during the 1969 to 1970 season.
- F10 DXing Rare Africans - Systematically (4) Page Taylor and Russ Edmunds. Describes stations in Africa which should be heard in North America, together with times of expected receptions. June 1972.
- F11 Trans-Pacific Reception Exists (6) Jay Murley. A must for any West Coast DXer interested in hearing Asian stations. Contains a lot of basic background invaluable to the newer DXer. September 1970.
- F12 Hawaii, Down Under, and Beyond: DXing Polynesia (10) Jay Murley. Describes the stations in the South Pacific which can be heard on the West Coast, with hints on how to hear them. 1971.
- F13 Your First Station on the Other Side of the Pacific (2) Jay Murley. Lists the 10 most commonly heard stations on the other side of the International Date Line, with suggestions on how to hear them. December 1972.
- F14 Asiatic Stations (2) Father Jack Pejza. Lists Russian stations located near the Pacific Ocean, with all information as of November 1971. Includes a map showing many other Asian stations as well.
- F15 Listening to TPs Early in the Season (1) Jay Murley. Describes what kind of DX can be expected during August and September.
- F16 Spanish, French, and Portuguese Report Forms (4) Larry B. Godwin and Ronald F. Schatz. Instructions and suggestions on how to write a report in a foreign language, including definite and tentative receptions and follow-ups; includes an extensive vocabulary of common words and phrases.
- F17 RFS Cujamatien List (2) Ronald F. Schatz. Lists stations in Cuba, Jamaica, and Haiti.
- F20 Taiwan Stations (2) Charles A. Taylor. A list from the Ministry of Telecommunications of the Republic of China.
- F21 Taped Reports to Foreign Countries (2) Larry B. Godwin. Answers questions about sending reports to other countries, with suggestions on how to mail them.
- F22 Focus on the Philippines (1) Charles A. Taylor. Lists Philippine stations which might make it to North America.

- F23 Focus on the Republic of China (1) Charles A. Taylor. Information on the stations of Taiwan.
- F24 Why Is A Country? (2) Page Taylor and Russ Edmunds. Discussion of the reasons for countries lists and the basis of divisions.

GENERAL

- G1 DX While You Sleep (1) Paul Petersky and Tom Sundstrom. Recording special tests or DXing while one sleeps.
- G2 Noise (2). Notes on eliminating various types of noise by Lawrence W. Foster, and quieting fluorescent lamp noise by John E. Kalpus.
- G3 Sunrise - Sunset Maps (25) Father Jack Pejza and Ernie Wesolowski. Consists of 24 maps (one set of world-wide, and one of North America) showing sunset and sunrise times. Also includes examples of DX made possible by a knowledge of SR-SS times. \$1.00 per set.
- G4 How Do You Rate Your Best Catch? (1) Larry B. Godwin. Gives some of the criteria DXers use in rating their catches.
- G5 Computation of Sunrise and Sunset Times (14) Father Jack Pejza. Tables by which the exact time of SR and SS can be computed for latitudes up to 60° N and S, throughout the year.
- G6 Information Please (2) Father Jack Pejza. Describes a system used to keep records on stations, with the ability to retrieve information easily.
- G7 Winter Daylight Saving Time (2) Bill Hardy. Description of what effect DST will have in wintertime.
- G8 FCC Rules: Station Identification (1) Bill Hardy.
- G9 FCC Rules: Pre-Sunrise Service Authorization (2) B.H.
- G10 Territory - Geometrical BCB DXing (2) Dave Fischer. Methods of systematically DXing.
- G11 Veries (4) Karl Forth. Samples of verification requests by a number of DXers to a fictitious station. Also see G15.
- G12 All You Ever Wanted To Know About Running a Radio Club Convention But Didn't Know Who To Ask (12) Father Jack Pejza. An experienced convention host gives suggestions, ideas, and warnings.
- G13 Average Coverage in Miles (1) Dave Fischer. Coverage area of BCB stations by frequency and power.
- G14 Morse Code Identifications (1) Larry B. Godwin. Using Morse Code IDs by stations testing for DXers. Also includes the code alphabet.
- G15 Veries - By Areas of the U.S. (1) Karl Forth. Discusses percentages of verie returns. See also G11.
- G16 Conversion from North American Times to GMT (1).

OLD TIME RADIO

- H1 Frequencies Before 1941 (2) Ronald F. Schatz. Describes the distribution of stations prior to the 1941 NARBA Treaty.
- H2 A Silent Night (2) Gene Martin. January 24, 1926 was the night almost all U.S. stations went off to allow DXers to try for European stations. See also H13.
- H3 So You Heard 3XN, Or Was It Whippany, New Jersey? (4) Gene Martin. Describes the early days of radio.
- H4 Calls and Slogans (2) Glenn Hauser. The call letters of many stations remind us of the station's origins.
- H5 Radio History Often Preserved in Call Letters (1) Gene Martin. Similar to H4.
- H6 Converting kHz to Meters (1) Thomas H. White. In the early days, stations were located by their wavelength, not frequency. A chart is provided to make the conversion.

- H7 The Top Becomes the Bottom (1) Gene Martin. What happened when the U.S. changed from wavelength to frequency.
- H8 KPPC-AM: Not Just Your Average Radio Station (1) Jay Murley. Description and history of one of the few 100 watt stations left in the U.S.
- H9 The WRR and KDKA Stories; Attic Nostalgia (1) Larry Flegle and Peter Kemp. Describes two early stations, plus some odds and ends on old time radio.
- H10 The WGL Story (1). The Indiana station tells its story.
- H11 The FCC "Honor Roll" (1) Bill Hardy. Stations taken off the air by order of the FCC.
- H12 A Little Bit of Anarchy (2) Thomas H. White. Describes the broadcasting industry during 1926 to 1927 when there was no regulatory agency.
- H13 Half a Century Ago: The International Radio Week Tests (3) Thomas H. White. Covers the international tests between North America and Europe from 1923 to 1926. See also H2.
- H14 A History of Idaho Radio (1) Jim Nall. Mostly in the Boise area.
- H15 Dial-Number Order For Stations (3) Jim Critchett. List of North American radio stations in 1934.
- H16 Radio Comes to Holland (Michigan, That Is) (1) Phil Boersma. Holland, Michigan's first radio station was on the air for only four months in 1927.
- H17 BCB Radio Stations in Canada in 1929 (2) Dan Sys. List by Province and City.
- H18 Can You Top This? (1) Father Jack Pejza. List of radio station calls that use the initials of the owner, or a regional feature, from 1938. See also H4.
- H19 WLW, and Superpower (2) Mike Worst. Report on WLW's operation of their 500 kw transmitter.
- H20 Radio History - 1912 to 1937 (5). Reprinted from Radio Annual 1938. Short notes on advances in the state of the art.

LISTS

- L1 Rock Guide (1). Latest list of rock and roll stations in the U.S.
- L2 Frequency Check List (3) Joe Fela.
- L3 Back to the Bible, International List (1) Bob Mitchell. Stations listed by country with times.
- L4 IRCA Country List (2). Compiled by the IRCA Countries List Committee, for purposes of record keeping.
- L5 CBS Mystery Theatre (1) Father Jack Pejza. Lists stations by frequency.

RECEIVERS

- R1 Sony TR-1300 (1) review.
- R2 Heath GR-78 (1) review.
- R3 Hammarlund HQ-200 (1) review.
- R4 National HRO-500 (1) review.
- R5 Drake SPR-4 (4) review.
- R6 Barlow - Wadley XCR-30 (3). A review and notes on modifying the receiver. See also A17.
- R7 Realistic TRF (2) review.
- R8 Multiband portables (1). Notes on various makes.
- R9 Not Too Technical Reports on Some SONY Products (2) Tom Garcia. Reviews on the CRF-230, TR-1000, IC-200, and TC-110 cassette recorder.
- R10 National NC-120 (1) review.
- R11 Sony CRF-230 All Wave Receiver (1) review.
- R12 The "ARB" for BCB (1) Grant Manning. Notes on using and modifying an "ARB" for use on the BCB.
- R13 Car Radios For DXing (3) Tom Garcia, Bill Lipis, Grant Manning. How to use and modify car radios for BCB DXing.
- R14 The Panasonic RF-759 AM/FM Portable (1) review.

TECHNICAL

- T1 The Curse of the Superheterodyne (8) J.A. Worcester. Describes the advantages and disadvantages of the superheterodyne receiver.
- T2 A Beginner's Guide to the Ionosphere (10) Father Jack Pejza. Explains a very technical and complicated subject in relatively simple terms.
- T3 Skyline Blockage (10) Father Jack Pejza. Helps to explain why you can't hear some stations. Quite technical, but should be of interest to anyone concerned with the problem. Helps to have a trig background. See also T14.
- T4 Power Distribution in an Amplitude Modulated Signal (1) Angel M. Garcia. How to figure the total power in a modulated signal.
- T5 Precision Frequency Measurements (2) Ronald F. Schatz. Describes methods of determining the exact frequency of a station with a Heathkit IB-1101 freq. counter.
- T6 Putting a Recording Outlet on Your Receiver (1) Grant Manning. Describes how and where to attach a recording jack which bypasses the volume control on the receiver.
- T7 Yes, SAH (1) Glenn Hauser. Describes sub-audible heterodynes, how to detect them, and how to use them.
- T8 DX Mathematics (7) Dave Fischer. Quite technical, but describes how to use trig to compute Great Circle Distances and Bearings; also discusses radio direction finding. See also T12.
- T9 The Worcester Long Distance M.W. Receiver (6) J.A. Worcester. Technical description of a BCB receiver designed by Joe Worcester. Also covers problems encountered when designing a receiver.
- T10 Spurious Responses and How to Recognize Them (2) Michael B. Northam. Describes signals heard on frequencies other than those upon which they are being transmitted.
- T11 The Use of a Tape Recorder in DXing (3) Arthur Peterson. The DX-related use of a recorder; what to look for in purchasing; how to use and maintain a recorder.
- T12 Easy DX Calculations (1) Dave Fischer. Simplified version of some of the calculations found in T8.
- T13 SPR-4 SSB Filter (1) Grant Manning. How to modify the circuitry of a Drake SPR-4 to use the 2.4 khz filter without single-side band.
- T14 Comment of FJP Equation for Arrival-Takeoff Angles (1) Dave Fischer. Corrects an error in T3.
- T15 Okinawa Revisited (6) Gene Martin, Glenn Hauser, Bob Foxworth, Gordon Nelson. Series of comments and articles related to the reception of Okinawa-1178 on the East Coast. Deals primarily with MW signal paths.
- T16 Variations in the Ionospheric Gyromagnetic Frequency and Effects on MW Propagation (1) Gordon P. Nelson. Describes how the magnetic field of the earth affects the absorption of certain frequencies.
- T17 TV Oscillator Harmonic Frequencies (1) Angel Garcia. List of frequencies at which harmonics of the TV oscillator for b&w and color sets will be found.
- T18 Super Selectivity, at a Super Price: The Q-5er (1) Grant Manning. Describes briefly an inexpensive surplus receiver.
- T19 Directional Antenna Patterns (1) Jim Korn. How BCB stations radiate a directional pattern. See also T20.
- T20 How to Read Directional Patterns (2) Jim Korn. Includes a pattern of a radio station. See also T19.
- T21 A Simple Method of Finding The Great Circle Path and Distance (2) Father Jack Pejza.
- T22 Summer Static, A Skywave Proposition (2) Gene Martin. Discusses the phenomena of static, and where it comes from.
- T23 DX Conditions and Far East Reception (1) Randy Seaver. Correlation of reception of Far East stations with geomagnetic activity.
- T24 Intermediate Frequency Transformer Alignment (3) Jon E. Pearkins. How to align the IF stages of a receiver.
- T25 Radio Direction Finding (3) Dave Fischer. How to find the bearing of a station from your location.
- T26 Relation Between Geomagnetic Measurements and MW DX Conditions (3) Gray Scrimgeour. Showing the correlation between AFR readings and BCB DX conditions.

FREE REPRINTS TO IRCA MEMBERS

- X1 Achievement Awards Certificates Requirements. Describes the awards available to IRCA members, along with requirements.
- X3 Application for Club Positions. Intended to help the club President make choices for editorships, committee chairmen, etc., from information submitted by applicants.

OTHER IRCA PUBLICATIONS AND SUPPLIES

Principles of Broadcast Band DXing. This is the "new member packet" sent as part of the first year's membership to each one joining IRCA. It is a comprehensive introduction to the hobby of broadcast band DXing. Topics covered range from antennas to trans-Pacific stations and the IRCA Constitution and Bylaws. Free to new members, \$1.00 to any other member.

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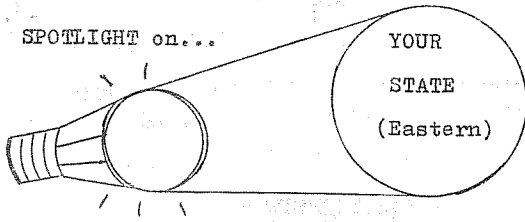
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SPOTLIGHT on...



Hi there! It's me again, Charley Keleher, with another column to entertain and enlighten all you enthusiastic DXers.

The old "State of the Month" and "Province of the Month" columns, which appeared in DXM from 1965 to 1973, were quite a success. The general idea was to provide the DXer with a useful body of information about particular stations. While the "Roundup" columns deal primarily with recent DX catches, the SoM/PoM served as a "back-up" for info on such things as formats and verie policy, plus an idea of how well stations could be heard in various areas.

The "Spotlight" is an extension of the SoM/PoM with a slightly different setup. I will handle states and provinces east of the Mississippi, with Wisconsin and Ontario forming the northwest boundary of the region. Hopefully we will soon have another editor to handle the western states. Two editors should make it possible to cover all the S/P's at a more rapid rate.

Since not all states were printed in the old column, we will deal first with the ones that were omitted. The first "Spotlight" state will be GEORGIA; deadline is March 1. Other states in my area which haven't been covered are AL, IL, KY, MI, MS, and TN; watch for deadlines in this and future columns.

Almost every DXer should be able to provide some info for the column. A particular S/P, or station, may be a pest for you, but you can pick up knowledge which would be very useful to someone else out there, who's wondering if he really heard it. If you're far from the place in question, and have only a few loggings, others in your area would like to know that such-and-such station can, indeed, be heard.

Well, then, what to report? First, of course, are powers and patterns, although powers are not always important since I can look up most of them. If you know something unusual about a station's pattern, send it along with your report. For example, WSBT-960 is only about 60 miles from here, but I can hardly hear their 5 kw at night, since the pattern is very directional. If I were reporting Indiana stations, that would be a useful piece of information to someone, perhaps. Try to be factual, without being overly lengthy. Many things will be condensed in the editorial process, particularly if the column threatens to go beyond reasonable size.

Next, the format. If you have only heard WAAG in a few "DX instances," tell us what you heard in general terms. Those closer to a station can tell whether they really play R&R all the time. Also useful is network affiliation, particularly if a station has changed recently. Unusual things about a station's programming may give it more of a personality. To avoid confusion, though, it's best not to report something you only heard once. If WAAG signs on with an alarm-clock sound, and you want to report it, fine, if they really do it regularly. The format section is also a good place to report info you acquired on trips, which is not really DX for you, but may be useful to someone.

It's also nice to know how well a station gets out, and when. Can you hear WAAG when WZXY, on the same frequency, is on, or only when WZXY goes off on MM? Can WAAG be heard at sunset almost anytime, or only the first 2 weeks in January? Info on regular receptions, ETs, and so forth, can be very useful too, so report it.

Last, but not least, is verie info. About all you can do is say that a station sent you a verie for your report, (and what kind of verie), or that they didn't. While veries probably exist from almost every station, there are many "erratic" and "reluctant" verifiers. We will try to work the most recent info in, as much as possible.

As mentioned before, the first column will be on Georgia. This is not a hard state to log, as practically anyone can hear WSB-750. But, in this area anyway, there are only a few other stations that can be heard from Georgia on an average night, and their signals are not very strong. So, many DXers may find their best loggings from this state are at sunrise, sunset or on ET's.

Following is a report, such as I might send in, on a (fictitious) Georgia station:

830 WAAG Alma, 5 kw-D, 1 kw-N, directional nights, Ae net, R&R. Fair to IN at SSS w/WCCO QRM. Hrd once on MM during rare WCCO SP. No verie (Keleher, IN)

It might appear in the column like this:

830 WAAG Alma, 5 kw-D, 1 kw DA-N, R&R, Ae Nx, NSP. Good to WI, IN, ONT at SSS w/WCCO. To VT and NS after WNYC s/off. Nite ptn a figure 8 NE-SW. A pest to AL and NC nites, and on to TX w/WCCO/XELA. Elsewhere w/WCCO off. Was hrd once in CA at SRS on switch to day ptn in Feb. Reluctant verifier, occ. v/l.

I doubt if many reports will be as detailed as WAAG above (translation supplied on request). Send in what info you can. Deadlines are:

Georgia March 1
Kentucky April 1

Illinois will probably be after that, so start collecting your info.

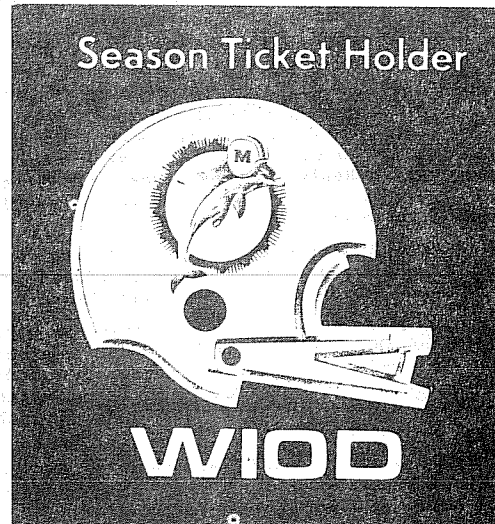
When reporting, please be legible; double space between items, single space within. It is not absolutely necessary that items be in frequency order, but it helps. If you want to send in both Georgia and Kentucky at the same time, (before March 1) make sure they are separated, preferably on separate sheets. Also, please send reports to my P.O. Box for reliable delivery. Address is:

C. Keleher
Box 7543, Fairfield Stn.
Ft. Wayne, IN 46807

Feel free to ask questions, or make suggestions, with your reports, and for now, best of DX! Merry Christmas, too.

Charley

+++++



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CHRISTMAS ISSUE

Your editor would like to take this space to wish all DX'ers everywhere, a very Merry Christmas and a very DX'full New Year. May the year fill your receivers with much DX!

73's and good DX to all,

Albert + Helene Loebel

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page 172 December 27, 1975

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