

DX Monitor

Devoted Exclusively to Broadcast Band DXing

February 7, 1981

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Issue Number 573

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DX Calendar

Mon Feb 9 KRPX-1080, Price, UT, will test 0200-0230 EST with 2500 watts non-directional. Send rpts to James M. Dart Jr., CE, KRPX, Box AY, Price, UT 84501. Arranged by Neil Zank for NRC.

Mon Feb 23 WGIG-1440, Brunswick, GA, 5kw non-directional will test 0000-0500 EST w/country mx and tones. Send rpts to Bob LaFore, CE, WGIG, 801 Mansfield, Brunswick, GA 31523. Arranged by Bob LaFore for IRCA.

Mon Feb 16 WMUU-1260, Greenville SC 0100-0200 EST, see pg 7,1/31 DXM for address.

News From Headquarters

IRCA ELECTIONS
See the President's report on page 4 for information on the upcoming election of club officers. Here's your opportunity to nominate the persons you feel can best represent and guide the club during the next two years (you can even nominate yourself!). Contrary to what some people believe, the positions of President and Board Member are not time consuming tasks, they require nothing more than enthusiasm, maturity, and good judgement.

PEN PAL WANTED Jari Paajolahti, Rinnetie 1 A 9, SF-42100 Jämsä, Finland is looking for someone to correspond with. He's 17 years old and interested in DXing, international politics, motorboting, travelling, and several languages. He's interested in corresponding with someone his own age living on the Pacific coast.

MORON 9 KHZ SPACING

Pun interests in 9 kHz spacing, which may be run later, space permitting. In a nutshell, they say that the FCC is still planning to push 9 kHz spacing at the November 1981 Western Hemishphere conference on AM broadcasting. Broadcast industry groups are mostly opposed to the idea (one source says the comments range from "lukewarm to hostile"). The FCC and the NTIA favor the idea because it will accomodate up to 1500 news stations in the U.S. and because it "will conform with engineering practices in other countries". (If they want to do the latter, they should also cut modulation limits back to about 80 or 90 percent...).

POSTAL INCREASE
See Rich Toebe's report on page 16 for information on the USPO's proposed rate increase. I called Postal Information in Seattle recently and was told roughly the same thing; the Post Office wants 20¢, but the rate commission countered with 18¢. The final decision won't be made until February 21, and will probably become effective a month later (i.e. late March). Postal trivia freaks take note: remember last time the rates went up & the printed stamps with "A" on them instead of a denomination? This time they ref printing them with "B" printed on them, which they'll sell for sither 18¢ or 20¢ or whatever the amount turns out to be..... 73, bp.

BROADCASTING INFORMATION Silver Springs, MD 209

Greg Monti 1110 Fidler Lane, #1424 Silver Springs, MD 20910

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750 50000/10000 Anchorage AK wants 50000/50000
830 1000/1000 Oceanside CA
850 1000/1000 Hilo HI wants 5000/5000
860 1000/ Bountiful UT granted construction permit (not 680
 KFQD
 appl
 KHLO
new
                                            White Bear MN dismiss
Pontiac IL wants WDAI
 appl 1050 1000/
WPOK 1080 1000/
                                                   White Bear MN dismissed
                                                   Salem NH appl for 25000/ dismissed, now wants
 WVNH 1110 5000/
                                                           1120 kHz and 10000/1000
             1140 10000/
1150 5000/500
 new
                                                      Atmore AL granted WASG
 KDQQ 1150
                                                     Albuquerque NM wants KDRM
                            1000/250
                                                     Phoenix AZ wants 660 kHz and 1000/1000
Newport News VA granted 1000/1000
 KFLR 1230
                          1000/
 WTJZ 1270
                         2500/
1000/
 new 1290
WZUU 1290
                                                       Manchester KY granted construction permit
                                                     Milwaukee WI granted either Greenfield or Franklin
WI and 5000/5000
Aiken SC granted 1000/
 WKTX 1300
                              500/
                          500/ Soo/ Flint "T
 WKKX 1310 5000/
new 1330 500/
                                                      Mount Juliet TN granted construction permit
 KWWL 1330
new 1350
 WAMM 1420
 WAMM 1420 500/ Filnt WI granted WFLT

KITI 1420 1000/1000 Centralia-Chehalis WA wants 5000/5000

WCHB 1440 1000/1000 Inkster MI wants 1200 kHz and 50000/1000

WXOL 1450 1000/250 Cicero IL wants 1200 kHz and Chicago IL:
                                                      Cicero IL wants 1200 kHz and Chicago IL and 5000/2500
new 1450 1000/250 Silverton CO granted construction permit.
KWIP 1460 5000/ Dallas OR wants 880 kHz and 5000/1000
WTOE 1470 1000/ Spruce Pine NC wants 5000/
                                            Dallas OR wants 880 kHz and 5000/1000
Spruce Pine NC wants 5000/
KAPS 1470 500/ Spruce Pine NC wants 5000/
WETO 1490 1000/250 Deland FL granted WXVQ
WWDE 1490 1000/250 Hampton VA granted WPEX
KXRX 1500 10000/5000 San Jose CA granted 50000/5000
KGMO 1550 5000/ Cape Girardeau MO wants VPEX
KFWY 1560 256/
 KFWY 1560 250/ Summer WA wants 1000/1000
-- From the Jan 5-19 issues of <u>Broadcasting</u> (no issue 12/29) -----
RADIO Here is a list of most of the "Music of Your Life" big
Here is a list of most of the "Music of Your Life" big PROGRAMMING band stations that haven't been mentioned already: WGRC-1300 NOTES

NY, KRUX-1360 AZ, WRNV-1420 NY, KFZ-1270 TX, WLKW-990 RI.

WMYL-930 NY, WTAL-1450 FL, WKRZ-1340 PA, KQIZ-1360 TX, WFBL-
1390 NY, WHEL-1240 TN, WFLT-1420 MI. Other format stuff: the new KNMX-
540 Las Vegas NM is on with Spanish. WRML-1470 Portage PA is back on with country...KDEO-???? Honolulu HI from pop to country...WRXV-1540 Auburn ME is country with a morning news block and 15-RXV ID's...WQXQ-1490 West
Springfield MA from all-news to top 40 (ex-WNUS) with 15-Q ID's...WPEX-
1490 Hampton VA is going country and all-night. was non WSON-860
Springfield MA from all-news to top 40 (ex-WNUS) with 15-Q ID's...WPEX-1490 Hampton VA is going country and all-night, was pop...WSON-860 Henderson KY from country to oldies...WDEC-1290 Merericus GA from top 40 to country...WIBR-1300 Baton Rouge LA from top 40 to country...WKXA-900 Brunswick ME from country to news/talk and adds Maine Information Network...and today's rumor: WFIL-560 Philadelphia PA going country?

By the way, that's KEZY-1190, not 1480, where I mentioned Timothy Leary working for a short time last month...WTTM-920 Trenton NJ has a confusing ID, "Double T 93"...WEVD-1330 New York NY has been noted on until 0300 recently, with rock music...WGBS-710 MiamiFL adds talk 2000-2330...WFTL-1400 Fort Lauderdale FL adds big band Mon-Sat 2200-2400 and
 2330...WFTL-1400 Fort Lauderdale FL adds big band Mon-Sat 2200-2400 and
Sun 2000-2400...A listener protesting the switch of WSAN-1470 Allentown PA from album rock to country broke into the studios recently and took the
mike to make his protest public. He was removed by police...Hal Moore and Charlie Martin will be staying at KHOW-630 Denver CO. KWBZ-1150's effort
to steal themorning team away failed. KWBZ also got another slap in the
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face when it lost its ABC/I affiliation to <u>KLAK-1600</u> Lakewood CO...<u>WISN-1130</u>, not WTMJ-620, will be flagging the Milwaukee Brewers this season... <u>WTAQ-1300</u> LaGrange IL has been noted carrying Chicago Horizons indoor soccer games. Off-the-air: <u>WLOB-1310</u> Portland ME, sale in progress and to

go religious soon; WBIO-1310 Parsippany NJ is still off.

Network news: new to ABC/E: WNPV-1440 Lansdale PA...New to APR:

WFLN-900 Philadelphia PA (x-NBC) and WWRL-1600 New York NY...CBS' Walter Cronkite has been awarded the Presidential Medal of Freedom, the nation's highest civilian honor. He'll be retiring this month. Curt Gowdy has highest civilian honor. He'll be retiring this month. Curt Gowdy has moved to CBS to anchor a weeknightly sports commentary program to be fed at 1925 ELT...Affiliates of the new Enterprise Radio all-sports network not already mentioned: KLIF-1190 TX, KBEA-1480 KS, WYSL-1400 NY, WEAN-790 RI, WGSO-1280 LA, WTMJ-620 WI, WNDE-1260 IN, WHLO-640 OH, WNIS-1350 VA, WTAN-1340 FL, WOKO-1460 NY, WBBG-1260 OH, WNIC-1310 MI, WZIX-1350 PA, KHVH-990 HI, KIKK-650 TX, WDIA-1070 TN, WKDA-1240 TN, WWRL-1600 NY, WWSW-970 PA, WSAY-1370 NY, KWMS-1280 UT, KDIA-1310 CA, WHWH-1350 NJ, WOHO-1470 OH, KTUC-1400 AZ... Mutual is now carrying the FORBES MAGAZINE REPORT, a daily $4\frac{1}{2}$ minute summary which is one of the many new business features daily 42 minute summary which is one of the many new business reatures springing up these days. Recent LARRY KING SHOW adds: WSAY-1370 NY (x-WPXN-1280), WSTV-1340 OH, WPOP-1410 CT (ex-WRCQ-910; Barry Farber moves to WSPR-1270 MA), WATN-1240 NY, WSVA-550 VA, KYAK-650 AK, KMWX-1460 WA, KFOR-1240 NE, WOW-590 NE and WTRY-980 NY...New NBC affiliates: KWYZ-1230 Everett WA and KXOK-630 Saint Louis MO (ex-KSD-550)...RKO has added a new daily feature called FOR THE RECORD, fed at 1515. It's produced by Conni Gordon, who developed its 90-second format at KFRC-610 CA... New to NBC's The Source network are KZOK-1590 WA and KGB-1360 CA.

Syndicated: Gene Autry is syndicating a special about himself via Golden West, a company which he also owns...The Salvation Army's HEART-BEAT THEATER recently celebrated its 25th anniversary and 1300th program. The series has never aired a repeat... Bonneville is distributing THE SOUNDS OF SINATRA, a weekly two-hour program containing recordings and interviews...Real Radio is syndicating a new, automated country format featuring KHJ and KLAC announcers...With Ronald Reagan in office, his older son Michael replaces him in the O'Connor syndicated commentary. series. In the meantime his daughter Maureen is doing weekends on KABC-

790 Los Angeles CA.

Sources: Neil Zank, Lincoln NE; Ernie Cooper, Provincetown MA, Tony Fitzherbert, Chalfont PA; Anthony Lagatutta, VA; Jerry Bond, Rochester NY; George Walton, Easton PA; Ron Musco, Windsor CT; Paul Mount, Teaneck NJ; Kermit Geary, Walnutport PA; Mark Strickert, Chicago IL; Ed Ryan, Seattle WA; Pete Taylor, San Francisco CA; Mike Cooper, Atlanta GA; Don Kaskey, San Francisco CA; Russ Edmunds, Kinnelon NJ; Ray Barno, Portage PA; RKO and CBS Press Releases; the 1/9 Radio & Records and the above Broadcasting

Some of the "glaring" errors in the new Almanac: Two items were accidentally omitted from the Table of Contents: American Top 40 on page

88, and Weekly Top 30 on page 90. Note that in the contents, the listing for page 153 should read NASL Soccer rather than hockey.

Page 4: About the time we went to press, NRC changed their mailing address for the NRC Publications Center. It is now P.O. Box 164, Mannsville.

N.Y., 13661.

Page 94: The heading should read "Lutheran Hour."

In addition to these mistakes, there have been two major changes made by Mutual since presstime. Delete the Mutual Southwest listing on page 78, as the regional network has been disbanded. (This does not affect Southwest Conference and Dallas Cowboys sports, though.) And delete the Mutual Radio Theater listing on pages 85 and 86. The final broadcast was 12/19/80. Some stations accordingly adjusted their airtimes for CBS Mystery Theater, and we hope to have an updater for that list within a month or two.

If any of you have found any other errors, large or small, in the 1981 IRCA Almanac, please send the changes to Bill Hardy, 2301 Pacific Ave., Aberdeen, Wash., 98520. 1981 Almanac Updater #1 will appear in a few weeks, so please send those corrections in right away! Thanks. -- BH.

A "BRIEF" UPDATER FOR THE 1981 IRCA ALMANAC (A complete updater will follow in about a month from now.)

president's REPORT

Father Jack Pejza 3433 Somerset Ave. Castro Valley, CA 94546

	PB	NHP	DK	PRM	BP	SS	GT	
9.2.34 Portzer, EinC	A	F	F	F	A	F	F	Passed
9.2.35 Portzer, ANARC	A	F	F	F	A	Ē	F	Passed
9.2.36 Miller, CoF	0	F	0	F	0	F	F	Passed
9.2.37 Yocis, Sports	F	F	F	F	F	F	F	Passed
9.2.38 Moore, Veries	F	F	F	F	F	F	F	Passed
9.2.39 Calgary	F	F	F	F	F	F	F	Passed

PB-Phil Bytheway; NHP- Nick Hall-Patch; DK- Don Kaskey; PRM- Paul Mount; BP-Bruce Portzer; SS- Sue Sirulnick; GT- Gerry Thomas.

9.2.35— Confirm Bruce Portzer as Editor in Chief of DX Monitor (forgot this one before, hi). 9.2.35— Confirm Bruce as one of our ANARC Representatives, replacing Rick Evans; 9.2.36— Confirm Steve Miller as Conditions of Frequencies Editor; 9.2.37— Confirm Dove Yocis as Sports Networks Editor; 9.2.38— Confirm DonMoore as Verifications Signers Editor; 9.2.39— Approve bid of Calgary for 1981 Convention site. F-Favor; 0-Oppose; A- Abstain.

We still have a few important openings for Chairmen of committees— I invite you to volunteer to help your fellow club members:

CPC Committee—contacts stations to arrange special tests Membership Committee—works on recruiting new members

Graveyard DX Records— Niel Wolfish has resigned because of lack of time.

The time has come to begin thinking of replacing the present administration of IRCA with a new crop (throw the crooks out, hi). The IRCA Fylaws indicate that early in February the President shall announce the upcoming elections.

Nominations are open for President, Secretary-Treasurer, and for the seven members of the Board of Directors. Each IRCA member is allowed to nominate one person each for President and Secretary-Treasurer, and seven members for the BoD. All nominations are to be made in writing to the Elections Committee Chairman, Larry Van Horn by April 15.

As soon as possible after April 15, the ECC is to send to the S-T a list of nominees. The S-T is to indicate to the ECC those members nominated who are eligible, having been members for a full year.

The ECC will then notify by mail all eligible nominees by Mayl. If a person has been nominated for more than one office, he/she must choose which office he/she wishes to run for. He/she must notify the ECC by May 20 of his/her intention, either to run or not to run.

If a member chooses to run for an office, they can submit to the ECC by May 20 a campaign statement, not to exceed 15 typewritten lines. A campaign statement is not required.

A nominee who has indicated his/her intention to run for an office may not be considered as a write-in candidate for another office in the same election.

The ECC shall prepare a ballot and the campaign statements for inclusion in a June issue of DX Monitor. Ballots shall contain spaces for write—in candidates.

Ballots must be received by the Election Committee Chairman no later than 0001 Mountain Local Time, August $\ 1.$

Details of making nominations for the $\,$ Ted Vasilopoulos Award for 1981 will be made public later $\,$ Larry Van Horn

Elections Committee Chairman 7870A Corsair Millington, TN 38053

In conclusion, I would like to indicate that I will not be a candidate for elected office in the IRCA during the next administration. Having been on the BoD for ten years (I think) and President for two yerrs, I think it's time someone else to take over the reins. 73 Jufu Lat Father Jack

CALGARY IN '8 I

EASTERN DX ROUNDUP

NEW ADDRESS:

Bob Lazar 1711 Wainwright Dr. Reston, Virginia 22090

Deadlines: Tuesday

600 WTAC MI Flint, 1/7 1835-1840 w/ song by AC-DC ID as "Rock 60 WTAC", talk by DJ, "reminder" to all young men born in 1962 to register for the draft, local wx and talk on Springsteen concert, fair-good w/ CKEY & CKTB slop nulled. (MB-ON)

940*WGFP*MA*Webster, 1/16 0230-0250 ETing w/carrier MoR mx, ID at 0238

"This is WGFP in Webster, MA, testing at 940 kHz", fair-poor w/ Cuban QRM until fade out at 0250. (MB-ON)

1190*WLIB*NY*New York, 12/29 0340-0400 ETing w/ "Rastaman Vibrations" and other songs by Bob Marley and the Wailers, ID at 0345 as "WLIB New York, operating equipment tests", into more Bob Marley mx, another ID at 0358, into "Miss You" by the Stones, very good.

WOWO didn't sign off until 0330 because of an Indiana U.

basketball game. (MB-ON) 1270 WTSN NH Dover, 12/25 1659-1717 w/ local wx, special pgm of Christmas mx, spots and holiday greetings from Tri-City Masonry, the Carpet Gallery, a restaurant in Somersworth and other local

businesses. Fair-good w/ pest WXYZ completely nulled. (MB-ON)
KWEB MN Rochester, 1/16 1731-1736 w/ ID as "It's 4:31 on KWEB in
Rochester" into sports rpt mentioning the U. of Minnesota hockey team, talk on the Vikings, spot for Holiday Inn, local wx, then gone in mess u/ CFGT and WXYZ at 1736. Fair-poor. (MB-ON)

1290 WCHK GA Canton, 1/13 1700 w/ local wx, high school basketball rpt, mentioned games which would be carried on their FM. Gone by 1702, poor-very poor u/ WNBF. (MB-ON)

WIRL II Peoria, 1/13 1720 w/ song by Dolly Parton, local wx, lost at 1722, back at 1730 w/ sing by bolly rait bit, loss at 1722, back at 1730 w/ ID and editorial opposing a proposed hazardous waste dump near Princeville, mentioned that this editorial was the opinion of WIRL and they would give equal time to those holding opposing views. Fair-poor in mess. (MB) 1310 WIBA WI Madison, 1/16 1727 w/ promo for WIBA nx, talk on college

basketball, then disappeared u/ CKOY. (MB-ON)

1370 WWAM MI Cadillac, 1/12 1707-1723 w/ local nx, spot for the Veterans
Administration and the GI Bill, anmt "A public service from
your community minded station, WKJF" after VA spot, stock market rpt, rpt on ski conditions, sports rpt. Fair-poor in fight w/ WSPD. When did this change take place? Never saw it in Broadcasting Information. (MB-ON) (Mike, I think this is still WWAM. Their FM is WKJF and I believe they simulcast all or most of the time. I used to pick up the FM from time to time when I lived in Wisconsin . -- ed)

1370 WEIF WV Moundsville, 1/6 1659 w/ end of religious pgm, then anmt by YL asking for money: "To enable our Christian pgms to stay on the air, we need a continuing spiritual and financial support ... we request that you seek the Lord about this matter, and in response to His pleading, send your offering to WEIF ... Let's stand up for what we believe to be the word of God ... God

loves a cheerful gift ... write today to WEIF or call in your pledge at 845-1230." Good-very good o/ WKMC. (MB-ON)

1550*WUTQ*NY*Utica, 12/31 0316-0327 ETing w/ MoR mx, ID at 0320 "WUTQ in Utica, NY testing", then played "Rhumba Girl" and "Lotta Love" by Nicolette Larson. Off at 0327. Fair-good. (MB-ON)

DX TESTS

810 WDMP WI Dodgeville, not heard because WGY is now NSP, trief for on 1/12. (MB-ON) 1450 WEYZ PA Erie, 1/12 0000 tried for but also not heard. (MB-ON)

EASTERN DXER

MB - Mike Brooker, 245 Old Forest Hill Rd., Toronto, ON M6C 2H5 (Panasonic RF-2200, GE Superadio)

Central DX Roundup

Robert Kramer 4639 N. Albany Chicago, IL 60625

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UnIDed, Special, Changes, et. al.
                   ALBERTVILLE, 1/26 0101 on DX test W/TT, ID & C&W mx. RK-IL
630
       WAVU
              AL
                   DODGEVILLE, 1/12 0105 poor-fair in WGY null W/DX test. "What the World
810
       WDMP
             WI
                    Needs Now is Love" & promo for WDMP wx alert. Here until S/Off 0132. DF
                   No sign of ET, just weak pest WGY. RG-IL
1350 WCSM OH
                   CELINA, 1/12 0205 W/1 kHz TT & CW IDs, fair. DF-IL, no sign of ET,
                    just mess. RG-IL
                   BRUNSWICK, 1/12 0230-0500 ET not noted here, just "pest" WHHY. RG-IL
1440 WGIG GA
                    1/12 noted at various times W/TTs, mostly 500 Hz, but never an ID.
                    Looped the right direction but need confirmation they were even on.
                   Much WHHY QFM, time noted in log is 0108 when noted TT. DF-IL (Dave, they
                    were not on for their scheduled test, ed.)
                   ERIE, 1/12 0000 something here sounded like them on DX (?, ed.) but not sure. Much QRM, even W/WCVS nulled. DF-IL (Dave, they weren't on, ed.)
1450 WEYZ PA
                    No sign of ET, just usual mess. RG-IL
       UnIDed
                    1/19 0434-0438 someone on ET W/TTs O/local WPAD. RG-IL
1560
                    All da Rest
CYPRUS GARDENS, 1/9 0722 about even W/CBK W/C&W mx & ID. DF-IL
540
        WGTO FL
                    LAS VECAS, 1/14 1855-1900 W/SS pgm doing nicely at first, then dominated
        KNMX NM
                    by XEWA. S/Off @ 1900 way U/XEWA in EE W/pwr given as 5000 watts. DF-IL
                    1/22 1902 fair U/CBK/CBEF combo W/SS ID by YL. RK-IL BUFFAIO, 1/6 0150 atop briefly W/rr mx & contest phone call winner used
550
        WGR
                    in promo. DF-IL
                    HOT SPRINGS, 1/15 1752 U/WRTH W/C&W mx, ID & 1cl spots. DF-IL
590
        KTHS
               AR
600
        WCVP
                    MURPHY, 1/15 0720-25 atop here W/good sigs & lcl spots, into list of
               NC
                    birthdays from the area. DF-IL RUSSELLVILLE, 1/10 0720. Who was the genius that put 2 stations in towns
610
        WRUS
               ΚY
                    called Russellville on 610 ? I listened for 20 minutes to KARV on 1/9
                    hoping it was WRUS- they kept mentioning Russellville. WRUS good W/WDAF
                    partially nulled, lcl nx, wx & ID. DF-IL
                    ORLANDO, much wanted, finally here 1/5 0144 weak through KRMG OC W/rr mx,
740
        WKIS
                    ID. DF-IL
                    BARNWELL, 1/2 0720-25 atop moderate QRM W/lcl nx & ID. DF-IL
        WBAW
               SC
                    SWEETWATER, 1/10 0659 mixing W/WJAT W/C&W mx & into lcl nx, fair. 1/11
800
        WDEH
                    0650 very good sigs. DF-IL
                    MACON, 1/12 0558 poor U/CBM W/ID & C&W mx. RG-IL
940
        WMAZ
               GA
                    AUGUSTA, 1/7 1818 poor W/CEM/KIOA partially nulled. Had Mo. Net. nx & Icl spot. DF-IL (Dave, this stn is in Aurora, Mo, ed.)

HATTIESBURG, 1/7 1815 S/Off poor W/SSB, KLIK partially nulled. DF-IL FORT WORTH, 1/14 1827 alone W/WMAY nulled W/"Vote No" spot for Dallas
        KSWM
               MO
               MS
950
        WBKH
970
        KNOK
               TX
                    election to be held 1/17. DF-IL
                    FAYETTE, 1/5 1758 fair W/S/Off, SSB. DF-IL
990
        WWWF
                    FIDMATON, 1/12 1800 S/Off fair mixing W/KWAM. DF-IL
LEXINGTON, 1/2 1810 good just U/WCFL W/lcl nx & ID. DF-IL
DE RIDDER, 12/24 1815 S/Off weak but readable W/KLRA not doing very well//
        WTCB AL
                                                                                                         DF-IL
1000
        WXTN MS
1010
        KDLA
               LA
                    RED OAK, 1/16 1740 in fair W/lcl spots & events. DF-IL
1080
        KOAK
               TA
                    BATON ROUGE, 12/20 0310 ID after nx, fair W/mod. QEM, much wanted. DF-IL ST CATHERINES, 1/7 1803 xlnt sigs W/lcl nx, many IDs & spots, killing
 1150
        WJBO
1220
        CHSC
              ON
                    WGAR. A real suprise. DF-IL
FIORENCE, 1/5 0056 W/mx & many IDs fair-very good. WTAX now off every MM
0010-0558 EST. DF-IL
1240 WBCF
                    HARRISBURG, 1/7 1825 W/C&W mx & ID O/WTAX. DF-IL
        WEBQ
              TT.
                    STERLING, 1/5 0100 ID noted in the mess, may have been ETing but couldn't
        WSDR IL
                     tell. WTAX has been ETing every MM W/OCs & 1 kHz tone & WSDR came
                     through WTAX OC. DF-IL
                    LANSING, 12/29 0100 W/rr mx, ID fair but fady & much WEDC QRM. DF-IL ST JOESPH, 1/14 1815 W/ID in much QRM, may have been S/Off. DF-IL
        WJIM
               MI
1270
        KUSN
               MO
                    WAYNESBORO, 1/14 1808 W/lcl nx, garbled W/WEIC & WHBF nulled, ID & much
        KFBO
              MO
                     ment. of Waynesboro. DF-IL
                    SIOUX FALIS, 1/15 1813 fair-good O/U/WHBF W/end of lcl nx, into rel mx. DF NEW ALBANY, 1/8 0713 W/HS BKB scores fair in WIRL mull. DF-IL SCOTTSBUFF, 1/16 1744 W/rr mx & ID good W/KADI nulled. Vy strange cx 1/16
        KNWC
               SD
 1290
        WDGS
                IN
 1320
        KOLT
               NE
                     Had KTWO before 1730 & many OK, KS, NE & SD stns. very good, but cx then
                     became vy. auroral. DF-IL.
 1340 WJOL IL JOLIET, 12/26 1830 W/ID & MOR mx fair U/WSOY. DF-IL
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1350 WIOU IN
                KOKOMO, 1/19 0000-00\frac{1}{2} good W/IDs, CBS nx, lcl wx, TC, then lost. RG-IL
                CHARLESTON, 1/15 1736 poor W/ID O/partially nulled WJED/WXCL. YL ancr &
      KCHR MO
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- sounded like nx. DF-IL JASPER, 12/27 1745 good W/S/Off & may have been the one W/SSB but at WWWB AL 1360
 - least 3 stns. signing off here. DF-IL MOBILE, 12/30 1759 S/Off fair W/pwr., location given, some QRM. Also WPCY AL
 - noted 1/10 1815 good. DF-IL MONROEVILLE, 12/27 1730 ID & mx fair in much QRM. DF-IL WMFC AL
 - WLAW GA
 - HAMPENCEVILLE, 1/3 1745 S/Off fair W/hvy QRM. DF-IL
 BAINBRIDGE, 1/14 1745 W/ID in hvy QRM. 1/15 1751 alone & in like a ton of
 bricks W/C&W mx, "WAZA Gold". DF-IL
 MASON CITY, 1/7 1758 W/C&W mx & ID good & readable but back U/KSCJ/KBKB by WAZA
 - KHAK IΑ 1800 S/Off. DF-IL (Dave, KHAK is in Cedar Rapids, ed.)
 - WFLW KΥ MONTICELLO, 12/27 1707 on top briefly W/ID & 1cl spot. DF-IL
 - KDXI MANSFIELD, 12/28 1815 S/Off good W/WSAI in fade. DF-IL T.A
 - WFFF COLUMBIA, 1/2 1815 S/Off fair W/WSAI nulled. DF-IL MS
 - CAMERON, 12/29 1800 much wanted, booming in W/S/Off, gave many IDs, pwr, KMRN MO location, etc. DF-IL
- 1370 WSAY NY ROCHESTER, 1/26 0401 fair-good W/UPI Nx & Wx. Mucho WQHK QRM. RK-IL LILLINGTON, 1/8 1730 W/S/Off W/ID & ment. of Lillington, SSB. Good sigs. WLLN NC
- W/WPRC nulled. DF-IL CEOK AB WESTLOCK, 1/26 03442 poor U/WQHK slop W/OK Country Wx for Westlock &
- C&W mx. WSPD off. Only other QRM was WSAY. RK-IL 1380 WSIZ OCILIA, 1/3 1740 good in vy hvy QFM W/lcl nx, 2 IDs noted, KWK nulled. DF KMUS MUSKOGEE, 12/29 1822)/KWK W/lcl spots, ment. of NE OK & into CBS OK
- feature. DF-IL GAINESVILLE, 1/7 0730 fair in much QRM W/ID. DF-IL OWATONNA, 1/8 0730 SID 0/KLNT & cc. DF-IL 1390 WAKA FL
 - KRFO ΜN
 - WROA MS GULFPORT, 1/8 1805 ID & something about Gulfport & the Gulf Coast. Poor sigs, mod. QRM. DF-IL
 - WERD NC ROCKY MOUNT, 1/2 1825 W/ID & 1cl spots O/U/WCSC, good sigs. Another suprise. DF-IL
- 1420 WIMS IN MICHIGAN CITY, 1/7 1745 much wanted & often tried finally here W/lcl nx, wx, lcl spots & xlnt sigs. DF-IL
 - WQBC MS VICKSBURG, 12/24 1759 W/much talk about MS & ID but U/WOC & then gone by 1800. DF-IL
- KBCN MO NEOSHO, 1/8 1749 weak but readable W/ID, 1cl spots & sports, something about Mo or Mo net. DF-IL 1450 KIRX MO KIRKSVILLE, 1/6 0005 ending nx & into S/Off, ID fair in much QRM, WCVS
- nulled. DF-IL HO HOMW HAMILTON, 1/5 0225 good W/rr mx & ID, noted in & out for the next 15 min W/WCVS mulled. DF-IL
- 1460 WRAD VA RADFORD, 1/2 1823 booming in W/lcl sports, mod. QRM. DF-IL
- 1480 WLPH AL <u>TRONDALE</u>, 12/26 1745 W/black rel. pgm., talk about big meeting coming up in Birmingham, YL evangelist & into S/Off. Started strong but faded until S/Off buried. DF-IL
 - SHEVEFORT, 1/8 1819 ID & talk in hvy QRM. DF-IL IRONTON, 1/7 1800 W/good clear ID O/partially mulled KTHS, into nx. DF-IL KJOE LA
- KPIA MO 1490 KBUR ΙA
- BURLINGTON, 1/9 1758 W/lcl nx & events, sports & ID good W/hvy QRM. DF-IL DONAIDSONVILLE, 12/24 1745 S/Off booming in & little QRM. DF-IL 1500 WSEM GA
- NEW ROADS, 12/24 1755 good W/mx & into 1cl nx, nice ID & almost alone on KQXL LA channel. Noted twice in Jan. W/1830 S/Off. DF-IL
 - WBFN MS QUITMAN, 1/3 1811 good & mixing W/KDFN W/mx, 1cl spot & ID. DF-IL
- PORT SULPHUR, 12/28 1756 good W/WIAC partially nulled, soul mx & 1cl nx, 1510 KAGY LA DF-IL
- SIOUX FALLS, good W/YL doing lcl nx O/KMPL, much ment. of Sioux Falls, ID giving stn. location but sounded like KRSS. No doubt about who it was, but 1520 KLYX SD have they changed their calls ? Not acc. to best. Info. DF-IL
- 1540 WRSM AL SUMITON, 1/12 1801 S/Off mixing W/KXEL just after WSMI S/Off. Nice ID but didn't note SSB. DF-IL
- SULLIVAN, 1/9 1814 good O/KQYX/WDXR W/S/Off, gave pwr. & location. DF-IL 1560 KTUI MO 1570 SEIMA, W/S/Off 1/4 1806 U/WHLP & hard to pick out, caught ID & something XQTW $^{\mathrm{AL}}$
 - about Selma. DF-IL KMCD IA FAIRFIELD, 1/8 1800 emerged after WHLP/WOKZ/WTQX etc. S/Off W/inv. to
 - tune to KBCT FM 96 for continued pgmming. Good sig & little QRM but no AM ID. DF-IL
 - WABL LA
- AMITE, 1/6 1829 fair but garbled W/S/Off, nice ID. DF-IL HAYNESVILLE, 1/12 1815 W/ID & what sounded like S/Off mixing W/WFMP/ 1580 KLUV LA WESY S/Offs. DF-IL
- 1590 WACD AL
- ALEXANDER CITY, 1/3 1800 S/Off mixing W/WATM, fair. DF-IL ATMORE, 1/3 1800 S/Off fair mixing W/WACD, no SSB noted on either. DF-IL WARNER ROBBINS, 1/12 1735 fair in much QFM W/new calls, then back into the MTAW AL1600 WRBN GA mess W/KATZ nulled. DF-IL (Continued on page 10)

Nancy Hardy 2301 Pacific Avenue Aberdeen, WA 98520

WESTERN DX ROUNDUP

All times are Eastern Local

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Phone for hot WDXR tips: (206)532-6827 till 10:30pm (PLT)-no collect calls
DEADLINES: Wed. 2/11, Thursdays 2/19, 2/26, 3/5, 3/12, 3/19, 3/26, 4/2
REPORTERS FOR THE VALENTINE'S ISSUE:
(NHP) Nick Hall-Patch-1538 Amphion Street-Victoria, BC V8R 4Z6
                    Homebrew rx, Transmogrified HRO, 3' box loop
          Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
 (NH)
                    FRG-7, SM-1
 (WJH) Bill Harms-University Station P.O. Box 7428-Provo, UT
                    TRF
 (MTL) Mark Lewis-333 N. Rengstorff #11-Mtn. View, CA 94043
          GE Superadio, Frazoid (3' loop)
Bruce Portzer-6546-19th NE-Seattle, WA 98115
 (pp)
                    HQ-180A, 4' loop
 (AJR) A.J. Rimmington-559 Clarke Road-Coquitlam, BC V3J 3X4
                    DX-160, homebrew rx, 4' box loop
           Rich Toebe-556 Santander Dr.-San Ramon, CA 94583
                    Grundig 3400. Radio West loop
 (RET) Randy Tomer-1969-27th Street-Arcata, CA 95521
FRG-7, Radio West loop, SPR-4, 250' longwire
   521 ORC IA, Orange City beacon noted w/code ID o/regular beacon "INE" 0250 1/19. I don't count these in my BCB totals. (RET-CA)
540 ?W3TO? FL, Cypress Gardens 1/19 0410-0455 noted w/ABC report on the hostages' release; caught several EST TC's; one ad noted for
                    Ocala, but never caught an ID (faded at 0455). Also had CWM. Signal fair to poor. (RT-CA)

BC. //CBU-690 1/16 0306. Wx for Vancouver area, weak sig.(RT)

CA, Independence 1/1 1958 road conditions report, ID. Lotsa slop from KFRC-610. (RT-CA)
           LPRT
   600
           KNYO
                     AK, Dillingham weak 0500-0515 1/26 w/ID 0515 after lengthy
   670
           KDLG
                     newscast. KBOI off. (RET-CA)
                     HI, Eleele w/KDWN off 1/18 0501 s/off w/ment. of address, etc.
          (KDWN) NV, Las Vegas noted off 2 nights in a row (lots of SP's lately), 0310 on 1/16 & 1/17, leaving WGN/KUAI. (RT-CA) +Noted off 1/18 0400-? and 1/19 off too. Testing a new xmtr?
           KUAI
   720
                     Maybe a reg. SP? (Naa, too good to be true) (MTL-CA)
AB, Edmonton 1/8 1359 noted poor to fair w/2 men talking, and
   740 ?CBX?
                     mentions of programs coming up on CBC. Not //CBU-690, so
                     guess this was it. (NHP-BC)
NY, New York fair signal w/ID & TC 1/25 0220. First time hrd in
    880
           WCBS
            over a year. (RET-CA)

AFRTS AK, Adak 1/26 0410 briefly o/WLS w/country mx program, then ment. of "Right here on AFRN." (RET-CA)

CHML ON, Hamilton 1/19 0237 in tight null of CJVI/XEW, but nice
    890
    900
                      sig., spot for Hamilton firm, southern ON wx, then full legal
                      ID. (RT-CA)
                      MB, Winnipeg 1/8 1713 Manitoba wx (cold!), an interview about the Winnipeg symphony, & Duke Ellington mx. Fair to good sig.,
    990
            CBW
                     nice early SSS, as ½ hour before Winnipeg SS. (NHP-BC) WA, Seattle 1/19 0313 still on past normal MM s/off, w/reports on the hostages. (RT-CA)
  1000
            KOMO
                    on the hostages. (RT-UA)
+Noted still on 1/19 0338, carrying ABC live coverage on the resolution (?) of the hostage crisis. (MTL-CA)
ON, Toronto 1/19 0406 weird reception; was completely on top of freq. for 15 min., wiping out everything else, w/NBC nx
   1010 CFRB
                      hostage situation rpt, sports update, then faded out in 3 sec. completely gone, never to be hrd again, hi. Much wanted. (MTL)
                       (ID's heard?--NH)
   1030 (KTWO) WY, Casper off 1/26 0600. Still off after 0700. Hopefully
  they've dropped NSP. (bp-WA)

1050 *KTBA* AZ, Tuba City 1/13 0225 TT, then "This is KTBA Tuba City AZ signing off." Excellent, o/XED. (RT-CA)
                      UT, Salt Lake City 1/3 1900 faded up o/KPAY w/ID, into nx. (RT)
   1060 KRSP
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1080 KIOE HI, Honolulu 1/12 0505 weak to fair o/u KRLD w/tele-talk. good ID at 0505. KWJJ/KSCO off. New, my 24th Hawaiian. (RET) TX, Dallas 1/18 0206 end of CBS nx, then "KRLD wx." Good to

KRLD

- 1090 KANN
- in, Dalias 1/10 0/20 end of CBS fix, then "KRLD wx." Good to poor signal o/u KWJJ w/CFAX-1070 nulled. (NHP-BC)

 UT, Ogden 1/1 1629 relig. pgm, then ID. Faded out shortly after, leaving omnipresent XEPRS. (RT-CA)

 MA, Seattle 1/1 1852 was looking for KANN when pop mx ended, then spot for "King Headway" ski instruction, then "Radio King AM 10-90" on top of channel in XEPRS null, good sig. (RT-CA) KING.
- CA, Pasadena 1/19 0438 off RS & testing, unfortunately only KFAB underneath. (MTL-CA) 1110 *KRLA*
- HI, Honolulu fair signal 1/12 0420 w/Japanese program easily 1170 KOHO heard w/KLOL off. (RET-CA)
 - AB, Red Deer 1/28 1913 call after local ads then into mx. A CKGY
- 1220 WIAR
- AB, Red Deer 1/20 1913 Call after 100al ads then into mx. A surprise as I was going after KPUG for a contest. CKGY was o/nulled KPUG, in good. New. (NH-WA)

 OH, Cleveland 1/13 0239 ski report, SID "W-G-A-R" then Teddy Pendergrass' "Love TKO," female DJ. O/CKDA, fair sig. (RT-CA)

 WA. Chelan Sa 1/17 1014 ABC nx, wx, "Sports next, brought to you by Lake Chelan Community Hospital & K-O-Z-I Lake Chelan." 1230 KOZI
 - Several ID's as "Radio Lake Chelan." (AJR-BC) WA, Sunnyside Fr 1/16 1055 long rpt. on Goldendale vs Sunnyside KREW HS BKB, PP&L (??-NH) and local spots. Fair to nil. (AJR-BC)
 - ?CKQR? BC, Castlegar Th 1/15 2216 probably the one w/spots for stores in Trail, ski report. CJNL barely possible, though. Poor. (AJR)
- 1240 CKGO
- BC, Hope Fr 1/16 1148 finally bagged my closest unheard w/
 "Fraser Valley Radio" slogan, some kind of talk show. (AJR-BC)

 IL, Belleville 1/26 0700 quick ID in CFRN null. (bp-WA)

 IN, Indianopolis 1/26 0635 fair to nil in CFRN null (KYA off) 1260 WIBV WNDE w/TWA ad, then nx story mentioning "WNDE's Brenda...has details." (bp-WA)
- 1340 OR, Hood River Sa 1/17 1048 noted using "Mid-Columbia AM" KIHR slogan. (AJR-BC)
 - ?CKBR? AB, Brooks MM 1/19 0847 no ID hrd, but w/MST TC & a solid 8 min. of hockey scores it just had to be CKBR, right? (AJR-BC) (Certainly not KAPA, hi.--NH)
 AZ, Parker 1/3 1944 s/off noted u/KKZZ. Fair sig. (RT-CA)
- 1380 KZUL WQHK
- AL, rather 1/3 1944 S/OII noted W/MAZZ. Fair sig. (RT-CA) IN, Ft. Wayne briefly huge above the mess 1/26 0435 w/ID by YL and spot for Paul Harvey. (NHP-BC)

 UT, Provo a change of sked <u>again</u>. (Wish they'd make up their minds) Currently 24 hrs, off MM 0200-0800. Maybe they don't know their own sked, hi. (WJH-UT)

 OR, Portland 1/1 1820 soft mx, then ID; slight 1420 slop.(RT)

 CA, Salinas MM 1/19 0700 "K-D-O-N Salinas" ID, NBC nx. Block-1400 KFTN
- 1410 KPAM 1460 KDON
- buster sig. o/KMWX. (AJR-BC)
- CA, Santa Ana 1/26 0347 fair w/ID by YL after rock mx. KARO 1480 KWIZ off? Was apparently testing MM 1/19. (NHP-BC)
 - $\overline{\text{TX}}$, Dallas 1/26 0339 after Bobby Goldsboro tune, man gave call $\overline{\text{ID}}$ and wx. (NHP-BC) KBOX
- ?CKER? AB, Edmonton 1/23 1203 Canadian & Alberta nx items. Fair, but faded to poor at 1205 when possible ID was given. (NHP-BC) 1490
- TD, St. Maries Sa 1/17 1058 GM spot w/tag for local dealer, "KOFE St. Maries, Idaho" ID. Good for 10 sec. then gone. (AJR) OH, Cincinnati 1/19 0445 caught wx by "WCKY meterologist," weak but clear. (RT-CA) KOFE
- 1530 WCKY
- AB, Taber 1/8 1458 poor to fair in CHUB null w/Kenny Rogers mx, 1570 CKTA & man saying "2 min. to 2 on CKTA." Lots of daytime DX from Alberta today. (NHP-BC)
- CA, Fresno big sig. for 500w (are they more now?). 1/26 0508 w/wild LA mx, many "Esta es XEX" ID's & two KXEX ID's, one in SS and one in EE. Is this stn owned by XEX? Weakish automated 1550 KXEX country in KXEX null presumed to be KRGO, so KGAR off? (NHP)
- UT, American Fork Canyon it looks like I have a new local NSP pest, hi. First hrd Wed. 1/14 1100 w/info for Timpanogos Cave Nat'l Monument and for the Pleasant Grove District of the Unitah Nat'l Forest (2 different messages). This was a test transmission & the tape was for the summer season. Per phone 1610 TIS call, the system will be fully operational by summer, the xmtr is near the mouth of the canyon, and the first test transmission was on Mon. 1/12. The tape is played at the Timp Cave Visitor's Center, 5 mi. from the xmtr. Good sig. for 10 watts at 20+ mi. As the test transmissions are during the day only, they won't be DXable until summer. (WJH-UT)

UNID's:

UnID TIS from Oregon, location unknown, first noted 1/19 0230 w/highway conditions, gave phone # 965-6707, address in Pacific City, 530 highway conditions, gave phone # 905-0707, address in Facilic City, OR, 97125, which is not on the map. Mentioned Oregon State highways. Very weak, only possible on the 250' longwire. (RET-CA) (Pacific City is on the "Oregon Official Highway Map," right on the coast 20 mi. north of Lincoln City. Not listed in the 1981 Almanac for some reason. It had been in Almanac Updater #1, 9/29/79 DXM, p. 27.--NH) Sa 1/17 1114 stn giving TC's, etc., as "8:14 in the valley," promo for CBS nx special, list of top 10 records, spot for shoe store in Pacablurg. OR ment of savaral places in OR. some kind of CBS pem

1490 Roseburg, OR, ment. of several places in OR, some kind of CBS pgm (not newscast) 1120-1125. Poor but steady. (AJR-BC) (Almost certainly KRNR-1490 Roseburg, CBS affil. in a valley. Was it C&W mx?--NH)

Last week's question was "What is white all over?" The answer: a penguin in a snowstorm! That riddle courtesyof Mark Lewis. I thought that one

is appropriate for this time of year--I've saved another for one of the is appropriate for this time of year-1 ve saved another for one of the summer issues. Some reminders for reporting to WDXR. Please use only one side of the paper. I cut the tips apart, so anything written on the back of the paper gets lost. I prefer tips to be in freq. order, but will accept "jumbled" lists. The only reason for them to be in order is that it makes it easier for me to look them up in my log (I look up each tip to make sure of freq., call & location). If they aren't in order it takes while longer to check back & forth | Dease list the freq. call | location a while longer to check back & forth. Please list the freq., call, location, date, time, & details for each tip. If the tip is tentative put ?? around the call letters, for a test put *----* around the call, and stations off the air or not heard get (----). I've been following the lead of EDXR and CDXR in having a Special Interest section. This section is for new stns on CDXK in naving a Special Interest section. This section is for new stars on the air, daytimers going fulltime, format changes of widely heard stations, 50 kw'ers going or dropping NSP, etc. One last thing, when in doubt please write out the word. An example is the "f/" so many use. I've had reports where it has meant "fade" "faded" "for" "from" "followed by" & "female." Other terms that mean different things to different people are "sx" and "tx." None of these are official club abbreviations for anything, so please write them out. Thanks!

P.S. to Nick: Yes, KXEX-1550 <u>does</u> have a CP for 5kw-DA-D. Possibly you caught them testing the new rig. Maybe someone could sweet-talk them into a DX test so's Nancy could log them here? (I heard them in the pre-KGAR days back in 1964.) -- Bill Hardy.

Central DX Roundup. Continued from Page 7.

FERRIDAY, 1/6 1826 good W/MoR mx & ID, 1830 S/Off O/KATZ but much QRM. Logging #1600. DF-IL

COIDEN MEADOW, 1/6 1830 W/S/Off U/KFNV S/Off, noted location & ID. DF-IL KLEB

Freak Check 1/19 0010-0016, someone here W/OC on ET. According to list WRNL is 910 UnIDed

supposed to use OC for ET at this time, but no ID heard. RG-IL PENNINCTON GAP, 1/12 0513-0515, poor U/CKIM, TTs but no IDs. Not sure if 1570 WSWV VA this is R/C or not. RG-IL

DF.... David Faulkner Box 602 Witt, IL 62094

(TRF) RG.... Rob Gerardi 1418 N. Lincoln Apt. D Benton, IL 62812

(TRF, IRCA loop) RK.... Yippee

(HQ-129-X, HQ-100-C, 2 spiral loops, LW)

Please be more careful when summitting your loggings. There were several rather dumb mistakes sent in this time. Also, please don't send in a long list of unideds every issue, especially with nothing more than TT noted. UnIDeds should only be submitted when something of note can't be IDed, not for everything you didn't get one of.

		RK's Pr	ogress Report	
	Last Week	This Week	# New	To Go
Heard	2865	2869	4	131
QSLed	1918	1920	2	80

DX WORLDWIDE - EAST NEIL KAZAROSS - EDITOR UNION COLLEGE BOX 1024



TRANS ATLANTIC DX NOUNDUP (no name means from Mark Connelly)

549 ALGERIA Oran poor in slop w/chanting 0511 Jan. 18.

SPAIN Barcelona poor w/SS talk in CBL slop, 2310, Jan.19.

UNID 00 at potent level w/2.9 Hz SAH 2312, Jan.19. -- I believe 738 747 that Lopik sometimes runs OC/TT after listed s/off - ed.

756

M. GERMANY Braunschweig xlnt, one of the top TA's at the time: choral mx resembling Handel's Messiah, then GG talk by man, 0558 Jan.18.

FORTUGAL/W.GERMANY at equal strength, both loud 2313 Jan.19.

JENEGAL Dakar here w/strong carrier, weak audio: male AA vocal 756

765 2314 Jan.19.

783 E.GERMANY Burg fr-gd w/man in GG 0600 Jan.18.

819 ANDORRA La Vieja v.gd. w/m&w in FF 0602 Jan.18.

828 864

MOROC 0 Ouida poor-fair w/AA talk o/SAH 0536 Jan.18.
FRANCE Paris gd w/electronic modern symphonic mx 0605 Jan.18.
GREAT BRITAIN washford et al, loud w/organ mx, then rlg. EE talk 882 0642 Jan.13.

891

ALGERIA Algiers loud w/AA talk by man 2317 Jan.19. (Connelly-MA) Algeria assumed w/Turkish/Arabic type chanting w/drums & instruments. Very weak. Gone 2118 back strong at 2126 for about a minute. Then weak until 2132. uidn't break for ID. The FCC should do something about that: - hi. (tutterheim-NY) Jate was Jan.17.

PORTUGAL Norte -azurara fair w/muzak instr. version of "McArthur Park" then time pips, Fr talk o/a pronounced 2.2 Hz SAH, 2259-2300 Jan.19.
-- what's the format of the pips? (how many? all the same length?)-ed.
FRANCE synchros poor w/man in Fr 0621 Jan.10.
FRANCE bordeaux louw w/apparent breton deltic folk mx 0628 Jan.18. 1062

1071

1206

1375 T.Plenke assumed here w/Oc as carrier but no audio noted 0230 Jan.18. (Stutterheim-NY)

1593 W.GERMANY Langenberg 0225-0230 Jan.18, arm chair copy w/lush instr.mx. (Stutterheim-NY) Fair w/woman in GG 0502 Jan.18.(Connelly-MA)

PAN AMERICAN DX ROUNDUP

 $\frac{\rm UNID}{\rm --HISM}$ 0105-0108 Jan.18. LA mx -hard to pull out. (Stutterheim-NY) $\frac{\rm UNID}{\rm --HISM}$ is still here to the best of my knowledge - ed. $\frac{\rm NICARAGUA}{\rm Managua}$ Managua YNX dominant w/k.Sandino ID, SS vocal mx. 0654 541

750

Jan. 18. (Connelly-MA)

885 UNIO 2320-2330 Jan. 17, man singiing in 33, some 33 talk - gone when I returned aftrer dinner. (Stutterheim-NY) This is interesting as Montserrat is listed as all Le & I've not some reports of 55 from them Paraguay is possibly on 885 but I doubt that they'd be strong enough to override Montserrat. This was probably a drifter - ed.

ANTIGUA 0020-0025 Jan.17, good copy w/LE rlg.talk by man & mx. 1165

(stutterheim-NY)

1180 <u>JUBA</u> Isla de la Juventud CMBN atop other LA's w/usual Reloj stuff:

HAM off at the time 0626 Jan.18. (Connelly-MA)
Regarding my reception of Turks & Caicos Islands at 2300 Dec.14,1980Chuck Hutton has informed me that k.T & C moved to 1460 & was heard 1550 there announcing that they had moved from 1550 about $1\frac{1}{2}$ yeras ago. there announcing that they had moved from 1550 about 12 yeras ago. I was aware of this situation but I 've seen conflicting info which said that the move to 1460 was temporary while work was done on the 1550 station and also info stating that they'd be on both freq's. I certainly can't claim x. Tad until I find out that they are definately on 1550 on Dec.14. The BBC-type pips (6 w/the last one prolonged) were definately there my mother heard them, too) There is no other station on 1550 which uses these pips (CBE, domestics, or other LA's on 1550 don't use BBC pips) This reception must be called Unid until I find out if Turks & Caicos are on 1550. (Kaz-RI)

CONTRIBUTORS:

Mark Connelly 30 william Rd. Billerica MA 01821, HQ180A,SM2,phasedLW's Matt J. Stutterheim RD#1 Box 702 Glenford NY 12433, R390A.R388, 300 LM. Sanserino Loop.

On hold for next week is a report from Bill Townshend from his trip to Bermuda. Many domestics and Caribbean area stations were heard. I can't type it this week as I have two tests tomorrow.



DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138 (503) 738-3198 - deadline Tuesday

DX continues to be slow here and I presume the same is true around the West, as few reports have been received. It is getting towards Spring and lets hope the conditions start to improve. DX news from the Far East Radio Club: Korean Broadcasters Association and the Korean Newspapers Association has made a decision on the plan for integration and abolotion of mass media on November 14,1980. New KBS stations are 639 KHZ, 792 KHZ, 1224 KHZ, and 675 KHZ. These were Commercial stations in the past. Also several F.M. stations have changed. Now on to DX:

PAN AMERICAN DX ROUNDUP

COLOMBIA, Cartagena-HJAR, fair w/SS mx and Lively jingle at 1030 ment. the RCN.on 1000 1/26. Reported. (PM-Or)

UNID, Stuck withis one for almost 2 hrs. and still failed to ID it for sure. Monitored 1010-1200 on 1/5. Actually, I believe I had 2 stns. WOAI was on,but was weak.Cnd. 1200 were auroral, but WOAI is still South of here -- reduced power ??? WOAI helped knock back the static. Early in the game there was lots of lively mx, also a Beatles tune and a slow love song. Some spots and tel. numbers. Later on the mx was much slower, almost. clas. at times. Chimes hrd. at 1129 -- Voz de Cuba type. At least one of these UNID's is Cuba, but three are listed. Anyone help on this??? Some other things had included "Salvador", something like "Tijuana" and Castro, presidente de Cuba, Onda Popular, which may be a generic term rather than a station ID. The 2nd station may be one of the other Cubans or Panama or Colombia. (AMP-Ca)

TRANS-PACIFIC DX ROUNDUP

657 NEW ZEALAND, Wellington-2YC-hrd. w/clas. mx o/ABC station, which presumed ZBY-Byrock, at 0957 on 1/23. (PM-Or)

ALASKA, Fairbanks-KFAR has been fairly consistant most evenings lately, noted w/rr 660 mx at 0956 on 1/24. (PM-Or)

780 ALASKA, Nome-KNCM-hrd. w/good signal o/WBBM w/C&W mx at 0827 on 1/27. (PM-Or)

828 UNID, carrier at 1025 on 12/29, looping West. N.Z. and Aussies and Japan not in, so could be the P.I. station that is being hrd. (AWP-Ca)

PHILIPPINES???, noted a station looping West at near 1600 with OM in lang. on 1/24, 837 Also hrd. sim. stations on 828,882, and 774, sounded like OM in SS type lang, but soon

gone or s/off at 1603. Anyone else hear this??? (PM-Or) AUSTRALIA, Brisbane-LBH-good sig. w/TC and Ezl mx at 0946 on 1/23.No sign of NZ.(FM-Or) UNID, carrier from 1255-1315 on 1/3.Looping West.NZ was off and no other DU's hrd., 882

1026 and Sol. Is is now on 1035, so DWXX seems to be the best poss. Bears watching. (AWP-Ca)

JAPAN. Tokyo-JOQR-fair on 1/23 w/OM in JJ-Pop mx followed at C940. (PM-Cr) 1134

VERIES

HAWAII, Honolulu-KSSK-rec. vq from Alan Roycroft in about a month, for new call 590 change, ex. KGMB. Alan says they are plan. on a new ant. site. Currently the tower is dowtown surrounded by highrises. (PM-Or)

WEST GERMANY, Frankfurt-AFN sent letter in 4 months, ment. the written report followed 873 their format, but couldn't tell much on tape sent, too much noise. Also sent prog. Guide for all AFN stations in Germany. Name and address: Vincent B. Miller-Manager/ Amerikanischer Rundfunk. AFN. 6000 Frankfurt/Main-Bertramstr. 6. (FM-Or)

Well there she is for this week. Support your columns. Thanks.

REPORTERS (THANKS)

AWP- Art Peterson-851 31st Street-Richmond, California 94804 FRG-7 and R. West Loop

PM - Yer Editor

E.H. Scott (RBO-2)-230 ft. LW/4 ft. loop/Ground system





EASTERN DX FORUM

Paul Mount 471 Emerson Avenue Teaneck, NJ 07666

THOMAS (SKIP) AREY Box 13 Noble Street Mauricetown NJ 08329

As a new member of IRCA allow me to introduce myself. I have been a radio hobbyist for about ten years. My interest in ECB DXing has grown over the years to dominate most of my "radio" time. I hold a Technician's class amateur radio license WB2CHA. I am an active member of the NRC and have recently become its Sports Networks editor. I also belong to the NRSWA and ACRI. My wife Regina "A2BAM and I have just been blessed with our first son Brendan. (Call letters? hi-PRM) Aside from DXing and listening I enjoy making modifications on my equipment. My receivers have all had their warrantees well voided a long time ago. I am currently using a DX-160 for general listening and two very modified TRFs (the "Old" models) set up for pseudo-diversity reception using a longwire and a four foot loop. I am looking forward to sharing in a long and active membership with the DXers of the IRCA. Good DXing to everyone. SKIP. (Welcome! -Paul)

C.M. STANDURY II RR #1 Ridgeway ON LOS 1NO Jen 19 81

Ref. bp's comment in the 1/10 EDXF, radiation below about 5 degrees goes out in the form of groundwave and is therefore substantially attenuated long before it reaches the innosphere. I had thought this common knowledge amongst those interested in ionospheric propagation: even my ancient (1950's) edition of IONOSPHERIC RADIO PROPAGATION (published by the Untional Bureau of Standards) makes note (Pages 75 and 109-10) of the lack of skywave radiation below 5 degrees. Of course, this doesn't apply to antennas located on mountain tops, aircraft, etc (as noted in my Dec 59 column) but if you're a ground based DXer 2000 KM away from a garden variety 50 kWer like WEO, you're not going to hear it via one hop off the Dest, Stan

PHILIP BOERSMA 15570 Cleveland St Spring Lake MI 49456 22 Jan81 Radio is in rough shape in Michigan's Upper Peninsula. The UP has always had a low population density, and a shaky economy, but Michigan's economic woes are hitting UP broadcasters hard. Many stations are licensed to communities of 2- or 3000 persons, with no other population centres nearby, the result being that there is a minimal advertising base. Within the last year, the effects of the FCC's indiscriminate licensing policy are hitting home in the UP. WIDG-940 and WGGL-FM (public radio) have left the air. WTIQ-1490 has declared bankruptcy and may leave the air, and a host of other stations are in trouble. All of these stations are licensed to small communities which cannot support them. The CRTC in Canada has a much better idea in the mother-twin setup, something which is needed in the UP of Michigan. If "twins" of stations in Traverse City, Marquette, or Sault Ste Marie were set up in St. Ignace, Nanistique, etc, local listeners would at least be assured of some type of local service. But under the FCC's present policy, the end result is that they have none.

RICHARD K. SHAPPAN 2844 E 197th St. Bronx NY 19461 212 409 2306 T'm still alive and living in the East Bronx (a good neighborhood). Graduated college, working for a mailing list firm, and DXing mostly FM on a JVC Stereo. My location faces North, which is good for upstate and CT FM - some trop on MM 1/26. Let me know about any local GTGs.

ENNEST 3. COOPER 5 Anthony St. Provincetown MA 02657 617 487 9337 1/22/81

Please never call between 9 pm and 1 am ELT! Three nore veries have filtered into my mailbox: WgMR-1150 ME; WVOV-1000 AL: WgM2-1490 MA, for a total of 4, 180 as of this date. The IRGA Almanac arrived today, two days after Inaguration Day - I knew Ronald Reagan would get some action! It is really a giant of a publication, and will afford me many hours of interesting reading while DXing, on days between the arrivals of DX News and DX Monitor. A lot of work went into it, I can see! Insomnia seems to have hit the good people of New Hampshire suddenly, as WHEX-1380 and WKNE-1290 have recently joined the AN scene aabong with the likes of WKBR-1250, WFEA-1370 and WDCR-1340. In this area, 1310 and 1320 are both quite workable all week long. I hope they stay that way! Of the Tests of MM 1/12, only one made it here: WCSM-1350, whose CIDs cut through quite nicely, u/WZIX/WSLR, w/WNIS/WHWH off. Where are all the Eastern and Central IRCAers? This section has been awfully skimpy of late. The AU cx have gone, it seems, and we've drifted back to "normal" (dull), with not much comph from any direction. The FCC has approved the de-regulation of radio stations, to take effect To days after the new facts are printed, but I believe the new administration could change this plan if it so desires. We'll see — it should be interesting! Congrats to Steve Miller on becoming an IRCA Editor!

PRM 471 Emerson Avenue Teaneck NJ 07666 201 836 1137 January 27, 1981

Deadline has been changed back to Monday as I will have a college class-Electrical Tech Design at Fairleigh Dickinson University Tuesday nights here in Teaneck. Also on the scholastic scene, I've been going two or three nights a week to high school basketball games as a self-proclaimed "One of Teaneck's biggest fans" hi. MM 1/12 was one of those where

I was up later than should have been, then saw the DX Tests listing and stayed up much later. ** *\text{iss} pleasantly surprised to hear the WCSM test -I'd never heard them in Nelsonville, and figured WSLR/etc would be too strong. Code IDs were heard before 1:00, and after someone said "that's all folks and carrier off at 0103 the only competition was Akron. Called DXer Brad Lovett there, he mentioned calls from Mike Reid in Toronto, Dave Arbogast, Ken Romstadt, and someone in Chicago. One voice ID was even heard and I think I got them on low power too at 3146. No luck on the WHFB test - WHF was off but KYW on. Whenever WHF put their carrier on, I would hear a talk show, possibly another local affected by WHN's presence. When OC off presumed CHUM w/Knob Hill Farms spot - I hear a lot of those on 1050. MMCA off but WARC there - yuck. WQAM ending Country Crossroads show before 2, and sem-local WCTC-1450 testing after 2. MM 1/26 flo luck on 630 or 1320 AL Tests, but WSWW-1590 heard w/code IDs, QRW from Akron again, and WJSO-one ID caught 0132, the rest music. Who carries Enterprise Spotson tetwork on 620? Also heard WPIC-790 test, mostly TT and one WPIC Sharon' CID w/JABC on/off. Believe I did hear a voice of Arbo right before WABC came on to stay at 4:00. Nice to hear from Rich Shaftan, that's all & 73:

SPOTLIGHT ON NEW JERSEY

Editor: John Clemmer 2937 W. Gilbert Peoria, Ill. 61604

Well I managed to get my act together and the result was this Spotlight on New Jersey. The Garden State is one of the most difficult states to hear unless you live very near it. The state's small number of stations and lack of a powerful clear channel also contribute to the difficulty in hearing New Jersey. On to the listing for New Jersey

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620 WVNJ Newark 5 kw, U-4, btfl, regular to CT and Del; best bet for state.
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800 WTMR Camden 5 kw, D-3, relig., regular to Del.
920 WTTM Trenton 1 kw, U-3, T40, occ to DC at nite, regular to Del. Gets out well.
930 WPAT Patterson 5 kw, U-4, btfl, regular to CT and Del. Good signal.
970 WWDJ Hackensack 5 kw, U-2, relig., MM to DC, fair to CT and Del, hrd in NE some.
1170 WHLW Lakewood 5 kw D, T40, occ at SSS to DC.

1250 WMTR Morristown 5 km, D-3, MOR, rare to CT.

1260 WBUD Trenton 5/1, U-4, rare to CT.

1310 WCAM Camden 1/.25, U-1, MOR, MM to DC, rare to CT at SSS.

1340 WMID Atlantic City, also known as East Las Vegas. 1/.25, T40, occ on MM to DC. 1430 WNJR Newark, 5 kw, U-2, soul, strong regular to DC, regular to CT, freq to Del.

1510 WRAN Dover 10/.5, U-4, pop, occ to CT, rare to Rochester NY.

WJIC Salem .25 D, MOR, gets out at SRS/SSS; Has been hrd in Caralinas and NE.

1530 WJDM Elizabeth .50 D, POL, occ to CT.
1580 WCRV Washington 1 kw D, C&W, regular SSS to Rochester NY.
WRDI Hammonton 1kw D, Variety, occ to Del., reg to DC at SRS, .

Best bets for NJ appear to be WVNJ 620 and WPAT 930. It also helps to prey, hi. Contributors for NJ:

New Castle, Delaware A.W. Luckey Washington, D.C. Ed Painter Naugatuck, Conn. Tim Watkins Rochester, N. Y. Jim Byrnes

The next SPOTLIGHT will be on a state that is a lot easier to hear -- FLORIDA. Deadline for Florida will be March 9. Following Florida Eastern Spotlight will focus on Wisconsin. I already have reports from Bruce Portzer, Mark Connelly, Mike Brooker, Jim Wallace, Dave Yocus, and R.J. Small. Feel free to submit/update a report as your tips DO help. Send in what you have heard from the Sunshine State TODAY. I hope to hear from you.

Good DX and 73, John Clemmer



Western DX Forum ****

IRCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald • 814B Ohio Street • Vallejo, California 94590 USA

1980/1 Deadlines-Every Wednesday 10 Days Prior to Publication Date through 48 March 1984 (Note: Tuesday Deadlines Prior to U.S. Holidays and 3-Day Weekends)

BILL HARMS, UNIVERSITY STATION, P.O. BOX 7428, PROVO, UT 84602 - 18 Jan '81

Before school got into full swing, I decided to go on one last big DX fling. I went to Provo Canyon near Deer Creek Reservoir and set up a 4,000foot-long beverage oriented ENE. Results were amazing, especially daytime.

The best catch was WLS 890. They were just a whisper most of the time. A few notes of music were audible occasionally. I listened carefully and the signal faded up slightly and then I heard a jingle ID, "W-L-S." Not a bad catch at 1,100 mi/1,760 km during midday (1334 ELT), and over land.

Has there been a documented case of coast-to-coast daytime reception, such as New York to California or visa-versa, in recent history? Ever? Any-

one know?

Canadians were audible all over the dial. CJOB 680 over RtH's "favorite" KNBR, CHQR 810 over KGO, CBK 540 with KNAK, CKCK 620 over KSTR and so on. (Portions deleted per Editorial Policy II, B., a., 1-RtH.)

This forum will be relatively short this time. Until next time, 73 and good DX de WJH.

JAMES E. CRITCHETT, 1635 WALBRIDGE ST., RED BLUFF, CA 96080 - 24 Jan 1981

A heart attack and six visits to the hospital because of diabetic troubles rather interfered with DX'ing, and reduced the number of reports to the Western DX Forum during 1980. Up to 24 January 1981, neither Helen or I have had to go to the hospital, and we hope to stay away from there from now on.

I have returned to DX, but nothing outstanding has been heard. What has been heard will be reported to Nancy and her WDXR. Hope that all of us West-

erners will keep her busy.

During my leisure time in the hospital I decided to get rid of my ancient, heavy and room-crowding Hallicrafters SX-62A. So I advertised it through Tim O'Hare in the DXM and Ernie Cooper in the DXN. Neil Zank of the NRC in Lincoln, Nebraska, answered the ad in Ernie's Musing. (Neil is also in IRCA, Jim-RtH.) After I had returned home for the last time I wrote him to see if he still wanted it. He did, and sent me a check. Last Thursday, 15 January, a friend of mine helped pack the receiver and speaker and shipped it out via Greyhound. I called Neil last evening and he said that he received it Monday and in good condition. He tried it out, and it worked fine for him. So now I have room on my table for the file boxes of 3x5 cards for each station heard since 1934 up to 1976. The next big project to be worked on as time permits and I have the ambition is to bring those cards up to date. It's an interesting hobby, for me, at least. Geography lesson, and one way to travel. Thanks for taking the time to edit the WDXF for us. (Your quite welcome-

RtH.) 73.

GARY LARSON, 2806 LINCOLN, BURBANK, CA 91504 - 25 January 1981

Not much happening here except a couple days of overtime recently, working in cold Saugus.

Heard KUTY 1470 sign on at 0700 PLT with female announcer Stacy King with news and then music on the Morning Wake-up program. (You're kidding? The '50s still live on in Palmdale, hi-RtH.)
I may be switching companies to work for, soon. Mostly due to money.

Called the unlisted Burbank number for KROQ 1500 and an announcer answered. I was told they'd moved to S. Vermont, Los Angeles, and that they didn't have a studio on Riverside Drive.

Hope things are going OK for all. 73.

RICH TOEBE, 556 SANTANDER DR., SAN RAMON, CA 94583 - 25 January 1981

This forum is way overdue, lots of things to bring up. First, I bought a new receiver. Former IRCAn Joe Jergel called me, told me he was getting out of DX'ing, wanted to move and needed money, so he offered me his Grundig Satellit 3400. I brought it home for a one-week test, and was so pleased with the results that I bought it. I'm planning on doing a user review (non-technical) in the near future, when I find the time.

A quick review of DX from San Ramon in 1980: I logged 479 stations, beginning 22 July and ending 31 December, from 19 countries, 5 provinces and 29 states (Alaska and Hawaii aren't counted as states, but countries here.) 29 states (Alaska and nawall aren't counted as states, but countries hele.) (And by IRCA and NRC officially-RtH.) This doesn't count receptions at the beverage site Doug Nyholm and I were at in November. I'm presently nearing the 500 mark, and almost caught up with my Reno total of 528 (1976-80). This is living proof what belonging to a top-notch DX club can do for your hobby. Knowledge of the bands, especially band conditions, is half the battle.

More bad news on postal rates: I've recently read that the USPS plans to

hike charges in March. New domestic rates are planned; 20¢ first class and 17¢ each additional ounce (presently we're suffering with 15 and 13 respectively). Postcards, now a dime, will go to 13¢. However, these rates must be cleared with a governmental regulatory body, and they may recommend a slightly lower rate, perhaps only 18 cents. In any case, be prepared to

shell out more.

Ric, keep up the good work at KNBA. I've been listening semi-regularly, and while I've never been a real country music fan, I enjoy the different types of music you've been featuring (except for Freddy Fender, ugh, hi). (Yes, but IRCAn and fellow Vallejoan, Gene Allen requested it, hi-RtH.)
That's all for now, good DX to all. P.S.: Al Collins has a special "Jazzbeauz Network" bumper sticker out now, for all you B.S. collectors. 73.

TODD SKAINE, 2215 CLAY ST., CEDAR FALLS, IA 50613 - 22 Jan '81 - Part I Howdy all. Welcome to Part I. This is in two parts 'cause I have a lot to

Thirty-six new stations so far this month. DX'ed MM 12 January with some good results, but no WGIG. Was it on? Other test heard was WOMP which was received slightly stronger than the normal daytime signal. Conditions were poor, but in an odd way there were some --- (illegible-RtH). Four catches on 11 and 12 January include HJAT 1100, KILT 610, CKWS 960 and CKJS 810. That last one was a wierd catch. I must have heard HJAT with WWWE off, but they were on and off all night on 12 January, but with regular scheduled programming. (They might still have been testing, or had some real problems-

Heard 19 other stations, and two TAs. All I heard were hets though; 891 Algiers and 1521 Saudi Arabia. (Lengthy list of stations deleted per Editorial

Policy-RtH.)

ALBERT S. LOBEL, P.O. BOX 26762, SAN DIEGO, CA 92126 - Via Tape-a-Forum (714) 484-0604 OR (714) 566-0092

Hi Ric. You've heard of Western DX Forum, and Tele-Forum, well, I have a new one for you. How about Tape-a-Forum? Consider it done. This is my first Tape-a-Forum. Now let's see you print the tape in the DX Monitor so that it can be played on IRCA'ers tape decks. Maybe we should start putting DX Moni-

tor on tape instead of paper, hi.

Regarding your comments on sending stations reception reports I haven't sent out reception reports in at least three years except to KNIX Phoenix, Arizona. That report was sent to a specific DJ I had phoned. That DJ heard over the phone exactly how KNIX's signal was coming in as I put the receiver's speakers near the phone so he could hear it. I agree that there should always be something unique in a reception report that cannot be possibly mistaken for another station. When I used to send for QSLs if all I had was an ID on the tape I would send that station a copy of the tape. If they heard their DJ's ID, they couldn't say it was not them. However, just to say, "Hi, I heard DJ John Doe say, this is station XXXX," would not be sufficient to prove I really heard him say that.

Could it be the mysterious address changer is at work again? I have not had any problem with my address being mysteriously changed, however, the post office has a flag out to watch for my mail. They will not accept any

change of address from me except in person. Well, that will do it for this Tape-a-Forum, except to say that anyone who wishes to call me may do so prepaid. I am up DX'ing, usually on Monday mornings, and it's alright to phone at that time from midnight to 0600 PLT. If I'm not up DX'ing, you'll get my telephone DX machine. If you leave the information requested, by the machine, I will QSL that you got my machine, hi.

(Real cute Albert, hi. I am not a 90 wpm secretary, hi. Dang it, boy, it 73 and good DX from ASL. took twice as long to transcribe from tape as opposed to retyping-RtH.)

RIC HEALD, 814B OHIO ST., VALLEJO, CA 94590 Tele-Forum: (707) 644-0700 to 2200 PLT and prepaid - 28 January 1981

Correction. Request line at KNBA is (707) 642-6397. Mark Lewis, who called last Saturday, dialed the number printed in a previous forum and it was wrong. Occops. Also, thanks to Gary Parton in San Mateo for the call.

Was wrong. Goodps. Also, thanks to Gary Farton in San Matter for the Call.

Mark, you should have your verie by the time this hits print.

Some people have forgotten. Please, no long lists of DX. That information goes to the various Round-up columns. That is the expressed purpose of the DXRs. This is not NRC, hi. Only kidding Ernie, hi.

Tom Benner, afternoon crazy-man at KNBA, came over here last Saturday eve-

ning after we all did a benefit. He's hooked! Borrowed my wedge and stayed up to 0400 PLT at his QTH in Concord. While here, did a bandscan, and lo and behold, KOA was barely there! But, WLW, WHAS, WSM and several Chicagoans were bombing in. Tom nearly went through the ceiling when he heard a time check and ID from WNBC. They must have heard him to Napa when I produced IDs from WCBS and WCAU, and a clean ID of KDKA right through 10-Q. So I think we have a new member in the making.

I'll try to get this to Pat Martin, but will include it here too. If you've been hearing loud Spanish on 880 near sunrise, it's XEPNK Los Mochis, as reported by Randy Tomer. To add to his comments, a frequently used jingle ID is, "Radio ochenta ocho."

Some comments regarding tests. Over the years I've read and talked with other DX'ers who have suggested that a pest NSP'er might do dead for the duration or part of the test so that the testing station might be heard. It sounds simple enough, but approaching it from the radio station's viewpoint, it's not that simple. Why do stations NSP in the first place? No, they're not making money. For many, it's a money-losing proposition. So why do it? If KNBA were fulltime, we'd probably go NSP. It's simple. The station's hierarchy's philosophy is that if you are off at say, three in the morning, you'll tune around until you find another station with the same or similar format. The theory is that in the morning you'll stay with the new-found station and not go back to the one that was silent in the middle of the night.

It all has to do with ratings. A GM and PD's job often hinges on the outcome of the quarterly ratings, and sometimes the air personalities as well.

True, you're not making a lot of money at night. But. . .air time has been sold, a contract has been signed. If I were the sales manager of an NSP'er, I'd ask that all sponsors listed in the log for the period that a radio club wishes a station to be silent, be contacted and ask if they wish a "make read" at smather time on to be prid for lost time. And changes are that good" at another time, or to be paid for lost time. And chances are that there are far more people listening to the station than those who would be listening for a DX test. The station would worry about losing their listeners once the station returned to the air. Case in point: KEZY 1190. Would they lose their listeners to KFI or another station if KEZY was to drop their carrier for 15 minutes so a few DX'ers could try for a KNBA test? I believe the answer would be, yes, even if KEZY were to announce that they'd be back on the air in 15 minutes.

I'll close this out by saying, a commercial station is in business for one thing only. . .money. The better you stand in the ratings game, the choicer and jucier your commercial accounts.

See y'all in 7. Good DX to all and 73 de RtH. .

BRUCE PORTZER • 6546 19th Avenue N.E. • Seattle, WA 98115

Twas nice of you to leave room for a forum, Ric. Thanks! C.M. Stanbury: re your further comments on radiation angles below five degrees. The FCC requires stations to consider interference from skywave below 5° when applying for nightime facilities or mcdifications to same. The ARRL says in the Radio Amateur's Handbook and their Antenna Handbook that E-layer propagation is possible out to 2000 km, assuming a radiation angle of 1° (tables in the FCC rules re AM stations say the same thing). And a quick check of various articles in IRCA/NRC show propagation at angles below 5° is routinely considered possible. While Tagges are applied to the considered possible. below 5° is routinely considered possible. While I agree, ground effects do effect low angle skywave (as witnessed by superb reception at coastal locations), you simply cannot completely dismiss skywave radiation at those low angles.

I agree with Ric's comments of a few weeks ago re eastern DX tests. too, don't like to see a test scheduled for, say 0100-0130 ELT on a freq I know will probably be QRM-free at 0300, but hopelessly blocked at 0100. I believe the standard response to that complaint comes from eastern DXers who don't like getting up at 0300 to DX.... I can accept the idea that some CEs in the ELT & CLT time zones prefer to test at midnight their time. But on the other hand, a few channels are still possible to DX on out here, and I'm sure there are some stations east of the Mississippi who would be thrilled to know they were heard in Washington or California. 73, bp.

VERIFICATION SIGNERS

DON MOORE Box 157, RD #5

Bellefonte, PA 16823

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550			Harold Gemmell, ancr	MIL
٥رر		q q	unreadable, Dir of Operations & Eng.	ML
	WGNG	1	cm, Eugene R. Faltus, CE	DHM
		q	Dick -?-, CE	ML BC MI
560	KLZ WIS	q 1	cm,stck, Donald Haybl, asst. Chief Opstcks, Jack G. Lovelady, Eng Manager	RG,ML RG,DHM
	WFIL	d T	illegible, CE	DHM
			D.C. Loughry, CE	DHM
570		q	Terry Ingram	ML
~ C C	KVI	q	Dick Velo, CE	DHM DHM
580 590	WHP KHQ		Maurice Gannaway, Dir of Eng stck, illegible	ML
J90	KUGM.		Ted Hicks, CE	M.L.
		q	Charles J. Morgan, CE	MB, BD
	WR OW	q	Charles V. Henry, CE	BD
600	LV de			M.B,RG DHM
610	WFRM KRKE	q	cm, David F. Lent, op manager illegible, CE	RG
OIO	WDAF	1	cm, James P Schmidt, CE	BD
	WIOD	1	cm, stcks, sked, Bert Gould, promo director	DHM
	WIP		cm Phillip Harris, CE	DHM
620	CKCK		cm H.C. Dean	JH BD
	WHEN	q q	stck for 3rd follow-up Jeffrey Baker, CE cm unsigned	RG
630	KHOW	v/r	Cohn J. Webber, Chief Operator	RG
	WEJL	1	Joesph A Fabian, CE	DHM
41.0	WPRO	q	illegible, CE	DHM ML
640	KFI WSM	q	Bernard Kovall, CE unsigned	ML
650 670	KBOI	q q	QSL has IRCA emblem! Milton P. Daniel, CE	ML
010	WMAQ	ĭ	promos William R. Ryan, Mgr. Tech. Op.	JH
680	WCAW		Paul Niels, CE	RG
	WNYR	1	for follow-up Michael Tamme, CE calender, buttons Robert M. Smith, CE	BD BD
690	WRKO CBU	l q		
0,0	XETRA	q	C. Carlsen E. Liano	ML
700	WLW	q,	unsigned	ML
710	KERE	-	C Jay Hoffer	RG BD
730	WOR CKLG	q q	Paul K. Stewart, P.E., CE SC.CFOX Stck unsigned	ML
7) 0	WMNA	ì	cm Lyle C. Motley, gm	DHM
740	KCBS	q	The second section is a second	ML
750	WSB	q	George Fisher, PD	ML ML
760	WJR	q	unsigned unsigned	ML
770	KOB WABC	q q	Winston H. Loyd, CE	ML, DHM
780	WBBM	ď	stn fact sheet. cm unsigned	ML, DHM
	WBBO	ĺ	stck,rc,promos Sally T. Chestnut, Pub Affairs	Dir DHM
790	KGHL	q 1	Randal Rodee, CE	ML,RG ML
	KWIL WAEB	1	cm,rc Steve Woodruff,CE Barry G. Wittchen, CE	BD, DHM
	WPIC	ī	cm, Charles Ring, CE W3NU	MB
	WTAR	1	John B. Zaun, CE	RG
800	CKLW	q	Ed Butterbaugh VP of Eng. nice card!	ML DHM
	WCHA XEROK	1	C. David Bennet, Op Manager unsigned	ML
810	CHQR	q 1	Mel Hovme, Tech Dir	ML
	WGY	ī	Carrier Men of For	MT.
820	WBAP	q	unreadable, Asst. Egr.	ML
930	WCCO	q	unsigned	JH,ML ML
840 850	WHAS KOA	q q	unsigned unsigned	ML
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860	CJBC	q	Relations Publiques	BD
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880	KRVN	_	fact sheet, cms, stcks unsigned	ML
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000				ML
890	WLS	q	Don Amell, CE	DHM
900	CHML	q	unsigned	
	CJVI	1	stck Cliff Smedley, CE	ML
	KTIS	1	pamphlets on stn Ron Habegger, CE	RG
	WEAS	1	Dennis Eversoll, CE	RG
	WJWL	ī	cm. Stephen G. Wallace, CE	RG
040			i	ML
910	KJJJ	ī	Walt Ellis, new CE	
	KPOF	1	relig pamphlets, Robert B. Dallemback	RG
	WJCW	1	stck Ed Bryant, CE	BD
920	CFLS	1	stck, promos Daniel Tremblay	DHM
,	CJCH	q	illegible	MB
	CJCJ		stck unsigned	BD
		ď		BD
	CKCY	1	stck Mike Hagens	
	\mathtt{KDHL}	q	J.E.Hyde, CE	MB
	KXLY	q	1, fact sheet John B. McDaniel J	H,ML
	KYFR	ď	relig pamphlets, info on SWBC WYFR unsigned	RG
930	KSEI	ī	Bob Billings, CE	ML
750	WBEN		illegible, CE	DHM
		q		DHM
	WCNR	q	Bob Fulton, CE	
	WGNT	q	Promo pamphlets unsigned	RG
940	CBM	q	CBC sked, unreadable,CE	ML
	WNRG	ĺ	cm, nice pen Kathie B. Belcher, bookkepper	DHM
950	KIMN	1	stck, BillCrealon, ancr	ML
//	KJR	ī	Tim Vik, CE	ML
				DHM
	KXJK		William Fogg, nanager	
	WGTA	1	cm William B. Farrar	DHM
	WKAZ	q	Lester W. Lovejoy, CE	RG
960	KARZ	1.	Thayne Higgins, CE	ML
	WEAV	q	unsigned	BD
	WERC	q	illegible, CE	DHM
	WHYL	q	stck Brian R. Greenway, CE	DHM
970				DHM
	CBZ	q	illegible	
980	CKNW	q	illegible, Eng.	ML
	WILK	q	unsigned	DHM.
	WONE	q	R.W. Minton, Eng.	RG
990	CBW	q	illegible,CE	M.L
	WN YR	ĺ	cm,rc Michael Tamme,CE	B, BD
	WVSC	ī	Harold P Showman, CE	DHM
1000	KOMO			N,ML
1000				
	WCFL	1	county indicate instances, inches and another age	
1010	CBR	q	M. Cristri, CE	ML
	WTGC	1	David L Barner, manager	DHM
1020	KBCQ	1	Ed Sullivan, CE	ML
1030	KTWO	q	Steve Broomell, CE	ML
	WBZ	q	illegible	$M_{i}L_{i}$
1040	WHO	_		JH, ML
		ď		
1050	CKAL	1	sked, stck, Lorretta White, promo mgr.	ML
1060	CFCN	1	q, Charlene Brisson, programming	H,ML
	KLMO	1	William G. Stewart, Pres & GM	RG
	KYW	q	unsigned	ML
1070	CBA	ĝ	unreadable	ML
	WKOK	ī		, DHM
1080	WQRO		Thomas L Hanks	DHM
1000		q		, BD
	WUFO	1		
1090	CHEC	1	stck R.E.Sillito, CE	ML
	KAAY	q	Felix McDonald, CE	ML
	WBAL	q	Roland Kraft, CE	ML
1110	CHQT	ī		JH
	WGPA	1	cm Patrick P. Galgon, Eng. Dept.	DHM
	WHIM	ī	Craig Healy, Tech Dept	DHM
				BD
4400	WSFW	1	stck Criss Onan, gm	
1120	KMOX	q		ML
1130	CKWX	q	Jack -?-	ML
1140	KMJJ	1	stck. Walter Slack, trnsmtr eng.	ML
1150	WDEL	CT	m Joseph W. Jones (NRC member) for Geo. Moyer, CE	BD
	WJBO	f		RG
1160	KSL			ML
		q		ML
1180	KOFI	q		
1190	KADE	1		RG
	WOWO	q	unsigned	ML .

1200	WOAI	q John	n Lurr, Tech Dir	ML
1210	KGYN		Miller, CE	ML
1220	CJOC	1 Mike	e Porter, Eng.	ML
	KASY	l Ed :	Garre, owner/mgr	ML
	WGAR		igned	DHM
4.01.0	WJUN		Dave Supplee, CE	DHM
1240	WCNC		eph L. Lamb Jr., Pres & GM	BD, DHM
	WRTA WSEW		k, Michael Morning, CE	DHM
	WVOS		ouglas George k, John Carlini, CE	DHM BD
1250	CHWO		k, Barry Morden, PD	BD
1470	KWSU		nis L. Haarsager, GM	ML
	WLEM		Vito Lanzillo, manager	DHM
	WMTR	l cm,	Alan Parnor, CE	DHM
1260	CFRN		mos Gayle LaBelle, programming	JH
	CIHI	q Dic	k Cleveland, CE	DHM
	KVSF	q pro	mos, illegible	JH
	WPHB	1 C.	Dean Sharpless, gm	DHM
1270	CFGT		ks. Jean Roch Maltais Directeur de la	
	OTTAM		hnique	BD
	CHAT KTLC	l pro	mos Austin Gunderson, tech asst.	JH
	WC BC		k, David Broman, ops Dir. rlie Harris, ancr	ML
	WHBF		k, Frank L. White, asst CE	DHM BD
	WLBR		igned	DHM
1280	KTLK		ly Walton, traffic manager	RG
-	KV OV		ss card veri signed by Larry H. Warner,	
		vp & gr		JH
	WABK	1 Henr	ry T. Korytko, CE	DHM
	WHVR	q 1,	stck Daryl L. Hancock, CE	DHM
1290	KCUB	1 stc	k, Ray Holsclaw, CE	ML
	KGVO		Tom McGinley, CE	ЗH
	WIRL		Moreland, CE	RG
4 200	WQIN		k, James F. Hepler, gm	DHM
1300	KROP WAVZ		ieenne Richardson, PD tcks, tons of info, for follow-up	JH
	WAYA		ricia G. Clement	BD
	WPNH		k, Robert F. Gannett, PD	
1310	CKOY			
	CKUI		Linda Lines. Admin Asst.	DHM
	WCAM	l cm,	Linda Lines, Admin Asst. ve Apel, op mgr & IRCA member	DHM MB
1,10		l cm, l Stev l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm	MB DHM
	WCAM WDKD WJLK	l cm, l Ster l cm, l Al	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE	MB DHM ML
1320	WCAM WDKD WJLK KCPX	l cm, l Ster l cm, l Al	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE	MB DHM ML ML
	WCAM WDKD WJLK KCPX WFHF	l cm, l Ster l cm, l Al q Rick f Bor	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Nieman, CE	MB DHM ML ML RG
1320	WCAM WDKD WJLK KCPX WFHF WKTQ	l cm, l Ster l cm, l Al q Rich f Bor, q ill	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Nieman, CE egible	MB DHM ML ML RG DHM
	WCAM WDKD WJLK KCPX WFHF WKTQ KGAK	l cm, l Ster l cm, l Al q Rich f Bor, q ille l prod	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Mechero, sales mgr	MB DHM ML ML RG DHM JH
1320	WCAM WDKD WJLK KCPX WFHF WKTQ KGAK WASA	l cm, l Ster l cm, l Al q Rick f Bor, q ille prod l cms	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Nieman, CE egible mos, Bill Nechero, sales mgr (3 different), Oscar Lane, CE	MB DHM ML ML RG DHM JH DHM
1320	WCAM WDKD WJLK KCPX WFHF WKTQ KGAK	l cm, l Ste l cm, l Al q Rich f Bor q ill l prod l cms l stel	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Nieman, CE egible mos, Bill Nechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP	MB DHM ML RG DHM JH DHM DHM
1320	WCAM WDKD WJLK KCPX WFHF WKTQ KGAK WASA WEBO	l cm, l Sterl cm, l Al q Rich f Borq ill l proil cms l stell Wayn	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Nieman, CE egible mos, Bill Nechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres	MB DHM ML ML RG DHM JH DHM
1320 1330	WCAM WDKD WJLK KCPX WFHF WKTQ KGAK WASA WEBO WETZ WHBL WPRZ	l cm, l Ste l cm, l Al q Ricl f Bor, q ill l proil cms l stel l ways cm l Ste	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng.	MB DHM ML RG DHM JH DHM DHM
1320	WCAM WDKD WJLK KCPX WFHF WKTQ KGAK WASA WEBO WETZ WHBL WPRZ CJLM	l cm, l Stevent cm, l Al Al Al Composition of Borrer quilled proof cms stell ways at the composition of the	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Nieman, CE egible mos, Bill Nechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General	MB DHM ML RG DHM JH DHM DHM DHM DHM
1320 1330	WCAM WDKD WJLK KCPX WFHF WKTQ KGAK WASA WEBO WETZ WHBL WPRZ CJLM WHWH	l cm, l Steel cm, l Steel cm, l Al Rick f Borg illi proi cms l stell ways q cm Steel Jean q illi	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Nechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE	MB DHM ML RG DHM JH DHM DHM DHM DHM DHM DHM
1320 1330 1350	WCAM WDKD WJLK KCPX WFHF KGAK WASA WEBO WETZ WHBL WPRL WHBL WHWH WZIX	l cm, l Steil cm, l Steil cm, l Steil cm, l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Nieman, CE egible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE	MB DHM ML RG DHM JH DHM DHM DHM DHM DHM DHM DHM
1320 1330	WCAM WDKD WJLK KCPF WFHF WKTQ KGAK WEBDZ WHBL WPRZ CJLM WHYIX WCHL	l cm, cm, l cm, l stevent l cms l stevent l st	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE	MB DHM ML RG DHM JH DHM DHM DHM DHM DHM DHM DHM DHM DHM
1320 1330 1350	WCAM WDKD WJLPX WFHF WKTQ KGAK WEBO WEBD WHBL WPRZ CJLM WHWH WZIX WCHL WHBG	l cm, 1 Ste'l cm, 1 Ste'l cm, 1 Al cm, 1 Al cm, 1 Al cms l cms l ste'l waying cm 1 Ste'l Jean q ill dq l, ts'l cms l ste'l ste	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Wieman, CE egible mos, Bill Wechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE	MB DHM ML RG DHM JH DHM DHM DHM DHM DHM DHM DHM DHM DHM DH
1320 1330 1350 1360	WCAM WDKD WJLX WFHF WKTQ KGAK WEBO WETZ WHBL WFHZ WHWH WZIL WCHL WCHL WCHL WPFA	l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE eegible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. ne Pierre DuBois, Directeur General eegible, CE John R. Hess, CE k Donald W. Smith, CE Richardson, CE Mark Clifford	MB DHM ML RG DHM JH DHM DHM DHM DHM DHM DHM DHM DHM DHM DH
1320 1330 1350	WCAM WDKD WJLPX WFHF WKTQ KGAK WEBO WEBD WHBL WPRZ CJLM WHWH WZIX WCHL WHBG	l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Wieman, CE egible mos, Bill Wechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE	MB DHM ML RG DHM JH DHM DHM DHM DHM DHM DHM DHM DHM DHM DH
1320 1330 1350 1360	WCAM WDKD WJLK WFHF WKTQK WASA WEBO WETZ CJLM WHRZ WHWHZ WHUH WHBL WHBL WHEA WFEA	l cm, 1 Ste'l cm, 1 Ste'l cm, 1 Al. cm, 1 Al. cm, 1 Al. cm, 1 Al. cm, 1	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE Mark Clifford ald R. Malone, CE 2nd follow-up	MB DHM ML RG DHM JH DHM DHM DHM DHM DHM DHM DHM DHM DHM DH
1320 1330 1350 1360	WCAM WDKD WJLK KCPX WFHF WKTQ KGAKA WEBO WETZ WHEZ CJLM WHWHX WCHL WHBG WPFA WCHL WHBG WPFA WKMC	l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE eegible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE Mark Clifford ald R. Malone, CE 2nd follow-up Robert Reigh, CE k Allen, PD n on stck, Ken Brown, op mgr &	MB DHM ML RG DHM JH DHM DHM DHM DHM DHM DHM DHM DHM DHM DH
1320 1330 1350 1360 1370	WCAM WDKD WJLK WFHF WKTQK WASA WEBL WPRZ CJLM WHWHX WCHLL WHBG WPEA WKMC WTTS	l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE Mark Clifford ald R. Malone, CE 2nd follow-up Robert Reigh, CE k Allen, PD n on stck, Ken Brown, op mgr & ert E. Lenio, CE	MB DHM ML RG DHM JH DHM DHM DHM DHM DHM DHM DHM DHM RD DHM BD DHM BD DHM RG BD
1320 1330 1350 1360 1370	WCAM WDKD WJLK WFHF WKTQ KGAKA WEBO WETZ WHBLZ CJLM WHWHX WPRA WCHL WHBG WPPA WKMC WTTS WAMS	l cm, 1 Ste' 1 cm, 2 Ricci f Born il cms l Go. I cms l cm, 1 Go. I cms l cm, 1 Ricci f iron l cms l stel cms stel cms l	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE Mark Clifford ald R. Malone, CE 2nd follow-up Robert Reigh, CE k Allen, PD n on stck, Ken Brown, op mgr & ert E. Lenio, CE k, Randy Henderson, asst CE	MB DHM ML RG DHM JH DHM DHM DHM DHM DHM DHM DHM DHM DHM RG BD DHM BD BD BD BD BD
1320 1330 1350 1360 1370	WCAM WDKDK KCPX WFHF WKTQK WASA WEBDZ WHBZ CJLWH WZIXL WCHLG WFEA WKHS WAMS WAMS	l cm, cm, l steil cm, l steil cm, l al cm, l al cm, l al cms l steil l cms l steil l wayy q cm l steil way q cm l steil steil cm, l find l steil l steil steil steil steil steil steil steil	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE Mark Clifford ald R. Malone, CE 2nd follow-up Robert Reigh, CE k Allen, PD n on stck, Ken Brown, op mgr & ert E. Lenio, CE k, Randy Henderson, asst CE k, cm Harry M Gingaman, CE	MB DHM ML RG DHM
1320 1330 1350 1360 1370	WCAM WDKDK KCPX WFHF WKTQK WASAA WEBL WPRZ CJLMH WPRZ WCHLL WHBGA WFEA WKMC WTEA WMPEA WKMC WTEA WMPEA WKMC	l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE Mark Clifford ald R. Malone, CE 2nd follow-up Robert Reigh, CE k Allen, PD n on stck, Ken Brown, op mgr & ert E. Lenio, CE k, Randy Henderson, asst CE k, cm Harry M Gingaman, CE k, cm, Randy Henderson, CE (ex WMEE)	MB DHM ML RG DHM JH DHM DHM DHM DHM DHM DHM DHM DHM RD DHM BD DHM BD DHM RG BD
1320 1330 1350 1360 1370 1380	WCAM WDKD WJLK WFHF WKTQ WFHF WKTQ WASA WEBO WETZ CJLM WHWHX WCHLL WHBG WPFA WKMC WTTS WAMS WMLP WMLP WSYB	l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE Mark Clifford add R. Malone, CE 2nd follow-up Robert Reigh, CE k Allen, PD n on stck, Ken Brown, op mgr å ert E. Lenio, CE k, Randy Henderson, asst CE k, cm, Randy Henderson, CE (ex WMEE) egible, CE	MB DHM ML RG DHM JH DHM DHM DHM DHM DHM DHM DHM DHM RD DHM BD DHM BD DHM RG BD BD BD BD BD
1320 1330 1350 1360 1370 1380	WCAM WDKD WJLX WFHF WKTQ WASA WEBZ WHEBZ CJLM WHWHX WPPA WCHLB WHEBG WPPA WKMC WTTS WAMS WMEEP WMLP WMLP WGHYB WHEBG WHES	l cm, cm, l stein cm, l stein cm, l al cm, l al cm, l al cm, l cms l stein cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Nechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. nPierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE Mark Clifford ald R. Malone, CE 2nd follow-up Robert Reigh, CE k Allen, PD n on stck, Ken Brown, op mgr & ert E. Lenio, CE k, Randy Henderson, asst CE k, cm, Randy Henderson, CE (ex WMEE) egible, CE egible, CE egible, CE	MB DHM ML RG DHM
1320 1330 1350 1360 1370 1380	WCAM WDKDK KCPX WFHF WKTQK WASAA WEBOZ WHBZ CJLWH WZIXL WCHLG WFEA WKHS WAMMS WAMMS WMLEP WGHK WSYBL WICK WSBL WICK WSBL	l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE eegible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General eegible, CE John R. Hess, CE k Donald W. Smith, CE Richardson, CE Mark Clifford ald R. Malone, CE 2nd follow-up Robert Reigh, CE k Allen, PD n on stck, Ken Brown, op mgr & ert E. Lenio, CE k, Randy Henderson, asst CE k, cm Harry M Gingaman, CE k, cm, Randy Henderson, CE (ex WMEE) eegible, CE eegible, CE eegible, CE mos Douglas V. Lane, pres	MB DHM ML RG DHM
1320 1330 1350 1360 1370 1380	WCAM WDKD WJLX WFHF WKTQ WASA WEBZ WHEBZ CJLM WHWHX WPPA WCHLB WHEBG WPPA WKMC WTTS WAMS WMEEP WMLP WMLP WGHYB WHEBG WHES	l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Nechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. nPierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE Mark Clifford ald R. Malone, CE 2nd follow-up Robert Reigh, CE k Allen, PD n on stck, Ken Brown, op mgr & ert E. Lenio, CE k, Randy Henderson, asst CE k, cm, Randy Henderson, CE (ex WMEE) egible, CE egible, CE egible, CE	MB DHM ML RG DHM
1320 1330 1350 1360 1370 1380	WCAM WDKD WJLX WFHF WKTQK WASAA WETZ WPRZ WJLM WHWHX WCHLL WHEGA WFEA WKMC WTTS WMLK WSYB WFELK WSYB WFELK WSCA	l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE Mark Clifford ald R. Malone, CE 2nd follow-up Robert Reigh, CE k Allen, PD n on stck, Ken Brown, op mgr å ert E. Lenio, CE k, Cam, Randy Henderson, CE (ex WMEE) egible, CE egible, CE egible, CE egible, CE egible, CE mos Douglas V. Lane, pres nis Eversoll, CE O'Connor, sales mgr Larry Smith, CE	MB DHM ML RG DHM DHM DHM DHM DHM DHM DHM DHM DHM BD DHM BD DHM BD DHM BD DHM RG BD DHM RG BD DHM RG BD DHM RG BD DHM BD BD BD DHM RG RG
1320 1330 1350 1360 1370 1380	WCAM WDKDK WFHF WKTQK WFHF WKTQK WASBO WETEL WPPR WYPRA WYPRA WYPRA WYPRA WYPRA WYPRA WYPRA WYPRA WYPRA WYMLA WYPRA WYMLA WYNG WYNG WYNG WYNG WYNG WYNG WYNG WYNG	l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE Mark Clifford ald R. Malone, CE 2nd follow-up Robert Reigh, CE k Allen, PD n on stck, Ken Brown, op mgr & ert E. Lenio, CE k, cm Harry M Gingaman, CE k, cm, Randy Henderson, CE (ex WMEE) egible, CE egible, CE egible, CE mos Douglas V. Lane, pres nis Eversoll, CE O'Connor, sales mgr Larry Smith, CE R. Mickey Angst, mgr	MB DHM ML RG DHM DHM DHM DHM DHM DHM DHM DHM RD DHM BD DHM RG DHM RG DHM RG DHM
1320 1330 1350 1360 1370 1380	WCAM WDKDK KCPX WFHF WKTQK WASAA WEBDZ WHBZ WHERZ WCJLWH WZJLH WPFEA WKHS WAMS WHEP WMICK WSYBL WSYB WSYBL WSYB WSYB WSYB WSYB WSYB WSYB WSYB WSYB	l cm,	ve Apel, op mgr & IRCA member promos, stck, Don H. LaDuke, gm Bonner, CE hard Peterson, CE g Mieman, CE egible mos, Bill Mechero, sales mgr (3 different), Oscar Lane, CE ks Frank E. Penney, VP ne A. Thomas, pres Christ Bauer, CE ve Gordoni, Dir of Eng. n-Pierre DuBois, Directeur General egible, CE John R. Hess, CE k Donald W. Smith, CE . Richardson, CE Mark Clifford ald R. Malone, CE 2nd follow-up Robert Reigh, CE k Allen, PD n on stck, Ken Brown, op mgr å ert E. Lenio, CE k, Cam, Randy Henderson, CE (ex WMEE) egible, CE egible, CE egible, CE egible, CE egible, CE mos Douglas V. Lane, pres nis Eversoll, CE O'Connor, sales mgr Larry Smith, CE	MB DHM ML RG DHM DHM DHM DHM DHM DHM DHM DHM DHM BD DHM BD DHM BD DHM BD DHM RG BD DHM RG BD DHM RG BD DHM RG BD DHM BD BD BD DHM RG RG

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BD
 1420 WACK l stck Alexis V. Muller III, CE
WBEC l Donald L. Coleman, CE
                                                                                                       RD
         WBEC 1 Donald L. Coleman, CE

WCED q Larry Fisher, CE

BD, DHM

WCRG 1 stck, info Dan Vernon Gates, PD

WVJS 1 cm, stck Floyd Hubbard, Senior Eng.

WWWQ 1 stck Ray St. James, PD

DHM

KRDZ 1 cm, Robert D. Zellmer, JR St MGR

GC

CFJR 1 stck John Radford, CE

KBBS cm Ralph P Burger, CE

KSO a Fill Seventerson CF
1430
1440
1450
                                                                                                     GC
                         Bill Sevenbergen, CE
          KSO
          KVOW 1
                                                                                                     GC
                         Gerald Yennie, CE
          KXXL q Thomas T Weir, CE
KYOU 1 Andy Loomis, CE
                                                                                                      GC
                                                                                                      GC
          KYSN 1 stcks, illegible
KEYY 1 Carl Dennis Watk
                                                                                                      GC
          WGNS 1
                         Carl Dennis Watkins, CE
                                                                                                      GC
                    1 cm, stck, promo packet, Bob Nelson, PD & DXer RG
1 cm, stck, 2 blankQSLs! Catharine Liggins Hughes
          WOL
         CHOW 1 Larry Hollaran, CE
KRBC 1 H.P.Ridgway, CE
1470
          KXOA q cm, promo pamphlet, Hank Schmit, CE GC
KWSL l popularity report, sked, cm Gerry Gibbs, CE GC
                         Steve Hendrickson, Tech op supersvisor DHM
          WBIG
                   l stcks, Bill Fawcett, CE
q Albert Zippaz, mgr
l stck Neal Hunter, PD
          WBTX
                                                                                                     DHM
          WFAR
                                                                                                     GC
          WMBD
                         stck Neal Hunter, PD
Technical Supervisor (illegible)
          WSAN
                                                                                                     GC
 1480 KLMS
                         William Hohnstein
                                                                                                      GC
          KONI 1 stck unreadable
          KYOS 1 Dorien Mackenzie, PD
KARO 1 stck Dave Bischoff, CE
KWEW 1 Harry McAdams, GM
WHBC q pc of studio bldg John Schen, CE
                                                                                                      GC
                                                                                                      GC
                                                                                                      GC
                                                                                                      DHM
                                                                                                     RG
                          David L. Liston, mgr
           WTHI
 KYOS 1 cm Ron Sandilands, mgr
1490 KCID q Karl Appiano, St. Eng.
KJQN 1 stck Tori Adams, news director
KLYC 1 William J. Luzmoor
WBCB 1 cm Bob Burton, PD
                                                                                                      JH
                                                                                                      JH
                                                                                                     GC
                                                                                                      DHM
           WMRF 1 stck, Chip Morgan, Engr.
WPOR f stck, Patricia G. Littlefield
                                                                                                      DHM
           WPOR f stck, Patricia G. Littlefield BD WUSS pc v/r, promos Larry Hicks, news director DHM RRXR 1 Dave Remund, CE GC
                     1 stck Norm Paetznick
q Tom German, CE
 1500
          KRXR
           KRXR 1
KSTP 1
                                                                                                 GC, DHM
                                                                                                 GC, ML
         KGA q Tom German, CE

KMSD 1 stck Denny Comfort, PD GC

KMAV 1 cm, Austin G. Kramer GC

Wand Wandward, Fm ML, JH, 3C
 1510
 1520
           KOMA q Woody Woodward, gm ML, JH, GC WCHE 1 stck, Dave Schmidt, CE & NRC loggings ed. BD
           WTHE 1
                         Richard L Winslow, vp
1, cm, calender, sked, folder, info on KAER,
Zeke Holst, PD (formally of Sheridan)
 1530 KFBK q
                                                                                                      GC
                   1
                          L.S. Roire, CE
           KUUY
                                                                                                       GC
                          Jim Ranney, CE
           WCKY
                           2 stcks, James Elmore Dir of Eng.
                                                                                                       BD
           WDJZ
 1540 KXEL q George Quisinberry
WPME q Randy Engler, CE & David F. Beveridge, ancr
           WSMI q unsigned
                     q illegible
  1550 CBE
                                                                                                       RG
            KEDD 1 CM Nelson D. McCarty, CE
            KKHI q Kate Guthorn, Eng Dept
KKJO 1 Robert M Heard, CE
                                                                                                       GC
                      business card, ruler, calender book, stck, unsigned
            KQXI
                     1 stck Curt Peterson, CE GC
            KQWB
                      1 rc,cm,cked,Gospel SC, Ross Murphy, op mgr
                   1 cm, stck, John Ramsey, CE
1 cm, Wilbur H. Goforth, gm
q l,promo Robert Bittner, gm
1 cm, Edward Toy, CE
                                                                                                  BD, MB
                                                                                                       DHM
            OOMW
                                                                                                  BD, DHM
            WNITH q 1,promo Kobert Bitther, gm BD,DHI
WSER 1 cm, Edward Toy, CE DHI
KFMC q L.W. Patterson, CE GC
KQYX 1 stck, William B. Neal GC,DHI
KTUI 1 cm Wilma E. Scott, off mgr DHI
KWCO 1 Gary Wafford, PD GC
WIZY 1 rc,stcks from Flo FM stations Rick Rowland MB
            WNTN
                                                                                                      DHM
  1560
                                                                                                  GC, DHM
                                                                                                       DHM
```

1570	CKTA	1 cm Sandra Wesley, traffic mgr	TH,GC
	CKTA		ML
	CKLQ	1 cm Rick Garrison, Promo mgr ML,F	RG,GC
	CHEC	1 stck, stationary Brent A Peterson gm	GC
	KCVR	l sked George L. Sampson,gm	GC
	KLOV	v/r stcks D.W. Klassen	G, JH
	WBUX	1 Tom Calvin, op mgr	MB
	WPGM	1 Larry Souder, gm	DHM
1580	KNIX	l, stck Jim West	GC,RG
-	KRZI	1 stck, cm, promos Craig Harper, asst dir eng.	GC
	KZIA	1 unsigned	GC
	WEND	l cm Jim Lankford	DHM
	WEYY	1 rc, Jugh O'Neal,CE	DHM
	WORG	1 Michael LaBoone, Eng.	BD
	WPGC	1 cm Ward W. Fetrow III, KA3DHG	RG
	WRDI	1 Robert Canavan, PD	BD
1590			GC
	KMTI	l Douglas L Barton, pres.	GC
	KVGB	q unreadable	GC
	KZOK	1 calender Robert H Walther, AM Engineer	GC
	WAIK	1 cm Rick Heath, op dir	DHM
	WAWA	l Jack C. Krause, CE	DHM
	WERA	l info David S. Kruh, CE	BD
	WGGO	1, cm John R. Newman	DHM
	WSWW	q l,cm Thomas C. Weeden, CE	DHM
1600	KBBX	1 G. Glasgow, CE	GC
	KASH	1 Donald L. Miller, CE	GC
	KATZ	l stck John O'Day, staff ancr	GC
	KORG	q Walter G. Alliss, CE	GC
	KLAK	Î Girard M. Westerberg, tech Director	GC
	WAYC	q promos, Jay B. Cessna, pres.	DHM

CONTRIBUTORS:

BD Bill Dulmage Prescott, ON ML Mark Lewis Mtn View, Cal. GC George Carter Sheridan, Wyo RG Rob Geraldi Benton, Ill. JH John Hart Carlin, Nev. DHM Don Moore Bellefonte, PA

MB Mike Brooker Toronto, ON

Now that should keep you QSL hounds busy for a while!! By my count 318 different stations. If I may sound like a worn out record for a moment, please, remember to initial each item. Also leave a space between each frequency so they may easily be cut apart (not to mention that the tails on the "g" & "y" etc get cut off- resulting in confusion when typing!) It's been six years since I was last a DX editor, and it feels good to be back in the groove again! A big thanks to all contributors. Hope to hear from you all, as well as plenty of new contributors soon! 73s,

D_X CONTESTS

Richard C. Evans P. O. Box 1294 North Wales, Pennsylvania 19454

1979-80 Contest standings, final as of July 31st, 1980

Domestic Heard

-					
			Points	Stations	S&P
\$5 :1.	R.	Kramer, Ill.	1436	235	57
\$4 2.	Μ.	Jeziorski, Ill.	930	172	47
\$3.3.	M.	McMillan, Idaho	920	169	43
4.	Ν.	Wolfish, Ont.	792	166	46
		Van Horn, Tenn.	549	111	36
6.	Ρ.	Mount, Ohio	541	113	35
7.	Μ.	Hogan, Ill.	405	80	30
		Saltmarsh, N.H.	383	84	32
9.	В.	Nittler, Čolo.	318	61	24
10.	J.	Clemmer, Ill.	265	58	27
		Hardy, Wash.	235	53	27
12.	S.	Grubb, Tenn.	216	47	17
		Horne, B.C.	182	40	15
		Hardy, Wash.	142	40	21
No e	enti	ry: G. Thomas.			

KKNW 1510 AM

Radio station KKNW will soon be signing on the air, broadcasting from Mountlake Terrace, Washington. KKNW will initially operate with 250 watts daytime only, with—directional antenna at 1510 KHz AM. Our antenna (2 towers) will protect KGA in Spokane on our frequency and CKAY Duncan, BC, on 1500. We have filed for a power increase and hope to also file for a change in frequency to achieve nighttime operation.

KKNW formerly was KAAR, which signed off the air under its old owners December 31, 1976. It has been silent since that time.

Owned and operated by Radio Northwest Broadcasting Company, KKNW will reach approximately 300,000 people from Everett to Seattle. KKNW will be an adult contemporary station with emphasis on personalities and an extensive oldies library. We will have an Associated Press wire and audio feed, though the latter will not be used for network newscasts.

KKNW will be very promotion oriented with as many tie-ins as possible to our jingles, TM's "You Never Know" package. Our personnel include Paul Wilson (formerly of KITI Centralia-Chehalis, Washington) as morning announcer, Rob Walker (fornerly of KPLZ, Seattle) as afternmon announcer, Ed Ryan (formerly of KCUZ Clifton, Arizona) as utility/weekend announcer, and Steve Ottesen (formerly of KIRO, Seattle) as news and public affairs director. The Program Director and General Manager is Robert Unmacht.

KKNW's mailing address is Post Office Box C-1510, Lynnwood, Washington, 98036, with studios at 22002-64th Avenue West in Mountlake Terrace. Telephone is (206) 771-2343 office and 771-KNW studio.

We will begin testing prior to our air date and hope that at some time, all of you may have the chance to tune in.

Alphabet Soup

		FOINTS	atat Lons
\$3 l. M.	Jeziorski, Ill.	478	244
\$2 2. L.	Van Horn, Tenn.	351	195
\$1 3. B.	Portzer, Wash.	350	197
4. 11.	Saltmarsh, N.H.	236	144
5. E.	Portzer, Wash.	233	155
6. S.	Hardy, Wash.	201	138
7. J.	Byrns, N.Y.	200	100
8. H.	Hardy, Wash.	185	129
No entr	ies: J. Clemmer;	G. Thom	as.

Foreign Heard

	Points	Cont.	Countries	Stns
\$5 l. F. Martin, Oregon	2305	5	27	164
\$4 2. B. Cartwright, Penn.	521	4	27	66
\$3 3. B. Portzer, Wash.	473	5	25	62
4. N. Hall-Patch, B.C.	383	5	23	52
5. N. Wolfish, Ont.	358	3	12	42
6. L. Van Horn, Tenn.	269	2	9	29
7. B. Hardy, Wash.	57	2	3	6
8. E. Saltmarsh, N.H.	35	1	2	4
No entries: N. Hardy; M.	Hogan;	G. Tr	omas.	

That's it (finally) for the contests. Checks have been mailed out already to the winners.

目

to distant radio stations on the AM broadcast band (510 to 1630 kHz). IRCA is a member of ANARC, the Association of A non-profit organization devoted to the hobby of listening SEATTLE, WA P.O BOX 21074

*OMEOF THE BRAVE

First Class

D.A. Nyholm 19

2071 Cedar Street

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San Carlos, CA 94070

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