

DX Monitor

Devoted Exclusively to Broadcast Band DXing

Novemver	7,	1981
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Issue Number 595

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Flash Tips

- Sat Nov 28 WGCH-1490, Greenwich, CT, will test 0000 EST until whenever w/
 TT & OC and frequent IDs. This will be a PoP test with 1000 W.
 Send reports to Frank Haijdu, WGCH, 1490 Dayton Avenue, Greenwich, CT 06840. This test may be rescheduled for 12/5.
- Tue Dec 1 WKLB-1290, Manchester, KY, will conduct their frequency check 0530-0545 EST with 2500 watts ND. Send reports to Larry Barker, WKLB, Manchester, KY 40962.
- Mon Dec 7 WHEO-1270, Stuart, VA, 0100-0130 EST, will test w/pop mx, IDs after each song, and 1000 Hz TT every 7 minutes. Send reports to C. Lemont Bryant, CE, WHEO, Rte 1, Box 24, Stuart, VA 24171.
- Mon Dec 28 KADE-1190, Boulder, CO, will test 0200-0300 w/5kw & 1000 Hz TT, mx, & frequent IDs. Send reports to Bob Greenlee, GM.

Odds & Ends

One hot flash this week comes from Bill Harms, who heard KAZM-780 (ex-1470), See pages 6 & 9 for details.

As a second reminder, Don Erickson is now taking orders for the $1982 \ \underline{\text{World}}$ $\underline{\text{Radio-TV}}$ $\underline{\text{Handbook}}$. He has a prepublication price of \$13, plus \$2 (UPS) or \$4 (1st class) shipping, good until 12/15/81. (These are U.S. prices, see the 10/17 DXM for shipping to Canada/Overseas). Don's address is 6059 Essex Street, Riverside, CA 92504-1599.

We received a phone call this week from a DXer in Ohio who would like to swap airchecks and/or jingles (on cassette), especially from stations in the western U.S., Alaska, Hawaii, New England, Newfoundland, northern Canada, Australia and Europe. In addition, he's blind and would be interested in tapesponding with one or more IRCA members who could read him selected parts of DX Monitor on a somewhat regular basis. If you're interested, his name is Sam Ward, and you can contact him at 104 S. Westmoor Avenue, Columbus, Ohio 143204, phone (614)276-2989.

If you haven't finished (or started) your Christmas shopping yet, you should consider the IRCA Goodie Factory. The IRCA Goodie Factory has all sorts of Goodies (what did you expect, with a name like that?) for the broadcast band DXer and like-minded individuals. Why not order a stack of reprints, a set of DXM storage boxes, an Almanac, Foreign Log, Beacon Log, and/or a Technical Guide? The perfect gift(s) for your wife, mother, father, girlfriend, boy friend, or whatever! For a complete catalog of IRCA Goodies, send an SASE to P.O. Box 17088, Seattle, WA 98107.

In case anyone's been wondering, the latest postal increase won't mean an immediate dues increase. However, we will probably have to raise dues sometime during 1982. It's currently costing more than you're paying to print and mail your DX Monitors. However, we made lots of money from reprints, etc during the past year, which will postpone any dues increases/publishing cutbacks; for a while. And now, get ready for another action-packed DXM.....

BROADCASTING / INFORMATION ____

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

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MAND 620 5000 5000 Petersbirg AK granted KRSA 5000 5000 Petersbirg AK granted KRSA 5000	call	kHz.	day/night	
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on the air in the US, plus 3 stations on-air under Special Temporary Authorizations for an on-air total of 4620. In addition, there are 130 AM construction permits not yet on the air for a total authorized figure of 4750. (There are 4690 total-authorized FM and 1276 TV.) From the 9/28 and 10/5,12,19 issues of <u>Broadcasting</u>.

Station news: WRKO-680 Boston MA has switched from rock to talk (mostly telephone-talk) with RKO2 net including the America Overnight program. Weekends are jazz and show tunes...WEZG-1220 North Syracuse NY (x-WSOQ) is now RADIO PROGRAMMING NOTES

beautiful music with Mutual net..., WUIV-1580 Icard Township NC is on the air with adult contemporary & CBS net....WHUT-1470 Anderson IN from country to adult contemporary with a touch of both country and jazzz.... WKLB-1290 Manchester KY is on with pop-and-country, ABC (sub-net unknown) and Kentucky net.

Networks: CBS will feed a 50-minute special on Jimmy Cagney (prompted by his return to the screen shortly) on 11/13.... New to Mutual: WSSJ-1310 NJ....<u>NBC</u> has begun a new, daily, humorous series entitled "Nunnsense" hosted by Gary Nunn, fed at 1140 ET for 90 seconds; perhaps competition for Charles Osgood on CBS?

Sources: Tony Fitzherbert, Chalfont PA; Dave Schmidt, New Castle DE Ken MacHarg, Jeffersonville IN; Stephen Ponder, Matthews NC; Brad Lovett, Coldwater OH; Wheeler Conover, Manchester KY; CBS press release.

Congress told it alone has power to put Radio Marti on the air

Miami Herald, Oct 24, 1981 via

WASHINGTON — (AP) — A State Department official assured a House subcommittee chairman Friday that the Reagan Administration will not spend any federal money on Radio Marti unless Congress approves.

Despite that commitment by William Salmon, a State Department senior adviser for security assistance, science and technology, Rep. Glenn English said he thought the administration was "putting the cart before the horse" and that there might be cheaper ways to accomplish the same goal.

English's observations followed disclosure that the State Department has already formed a nonprofit corporation to operate the station, which will broadcast news and information to Cuba from the United

States, even though President Reagan has yet to name the members of a presidential commission that is to decide how the station should be operated.

"I think it's great you want to broadcast to Cuba," said English, an Oklahoma Democrat. "And I think the Cuban people should have that information. But I'm a little uneasy over this. There is a question if the same thing can't be done with the Voice of America. I just kind of wonder if there's not a better way to go about this."

The Voice of America already operates a transmitter on Marathon Key to beam its Spanish-language programming to Cuba.

Salmon and Myles Frechette, the State Department's director of Cuban affairs, said a separate radio

operation aimed exclusively at Cuba was needed because Cubans do not know what is happening within their own country or the effects of President Fidel Castro's foreign and military policies.

They said the Voice of America has a different legal purpose - to disseminate information about American society along with domestic and international news.

Salmon and Frechette had difficulty, however, explaining why the White House would seek a \$10-million appropriation during the current fiscal year when the presiden-tial commission will have until October 1982 to recommend how the new station should be operated.

"It might not take the commission that long," Frechette said.

Karl Zuk



the iroa technical column Editor: Nick Hall-Patch

1538 Amphion St. Victoria, B.C. V8R 4Z6 Canada

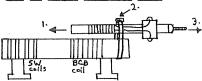
Another look at upgrading the Realistic DX150/160 receivers by Karl J. Zuk

This article is based upon the ideas set forth in A DXer's Technical Guide, only this will take you one step further.

There are four modifications that are suggested in the handbook. first produces the most dramatic results. This receiver, for the most part, relies on the built-in antenna coil to gather its signals for BCB reception. I had disappointing results with a 300 foot antenna and a sizeable ground system connected to the rig using the provided antenna terminals. I couldn't figure out why the signal was so attenuated. It seems that the only way out is to follow the guide's advice, and couple your loop or antenna/ground system directly to the antenna coil. The guide suggests that you attach the antenna to one end of a ferri-loopstick, and the ground to the other, and to mount the loopstick to the fiberboard backing of the set. This gives you a loose coupling with the antenna coil if you mount it either in parallel or in-line with the coil.

I found, through experimentation, that the coil's interaction is critical for optimum signal transfer. It is better to connect your antenna and ground temporarily to the ferri-loopstick and move the loopstick along the side of the antenna coil to find the point of optimum signal transfer.

How to mount coupling coil



(Antenna coil view from rear of receiver)

- Move coil for optimum signal transfer
- Secure in best spot with 2. "ty-wrap"
- Tune coil for maximum signal

Then, to mount the coil, you should solder two wires to the coil, about a foot long apiece, and mount the ferri-loopstick in the spot you selected with a cable tie "ty-wrap". will secure it in place better than twist-ties, and yet be temporary enough so that you can remove it at a later date, should you care to, with just a cut of a scissor. Then, to finish off your coupler coil assembly, mount a two screw terminal strip to the fiberboard back of the rig, and solder the wires from the loopstick to the screw terminals. This will give the project a professional look, and make it easier to change antennas, or

move the rig. Then, before you close the back of the set, make sure you adjust the coil's slug for the best signal transfer. You will now probably have more signal than you can deal

Instead of using one of the many tuners presented by Brian Sherwood in the manual, I found that, in this case, the tuning of the antenna only increased the problem of too much signal, and that I was detuning the antenna to obtain results, instead of tuning it. With a much shorter antenna, tuning would be more useful. I found that using a potentiometer in series with the antenna produced only fair results, $\nabla \nabla$

and not enough variation in gain to be useful. Instead, I used a 365 pf variable capacitor in series with the antenna to increase or decrease the amount of signal to be presented to the coil by coupling. Not only did this prove to be a simple and effective "RF gain control" but it seemed to improve the match of my antenna system to the set, so that with the plates fully closed (maximum capacity), I was getting more signal to the set than I would have if it was directly connected without the variable capacitor.



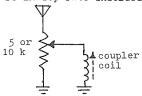
365 pF "RF gain control" coupler capacitor coupler coil

T.1 ground switch; turn "off" S1 for dramatic attenuation

I found that this system worked very well for BCB, but when I switched to the shortwave bands, there were no signals to be found. Why? The coupler coil was mated to the antenna coil for BCB and was far away from the antenna coils for the other bands. To cure this problem, I simply took a piece of wire and attached it to the original antenna terminals of the set, and alligator-clipped it to the antenna at the 365 pf "RF gain control"

and got all the signal I needed for SW reception.

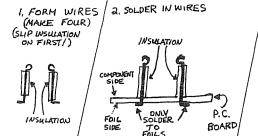
(ed. note: On the DX150 receivers and some of the DX160s, the SW antenna coils are not mounted on the same ferrite rod as the AM antenna, but



are in separate shielded transformers. On these sets also, the antenna must be connected to the original terminals for SW listening.//Karl's "RF gain control" coupling capacitor may not work on smaller random wires as it is more likely to form a series resonant condition with the inductance of the coupling coil and the effective capacitance of an antenna less than one quarter wavelength long. Another possibility for an external RF gain control is shown at left.)

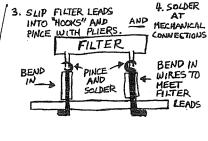
The second modification deals with the RF gain control in the set. RF gain control does two things. It controls the incoming signal directly at the antenna terminals, and at the same time, controls the gain of the RF and IF stages. This is done by using a dual potentiometer. It is suggested that you jump the section of the double pot that controls the RF/IF section with a fixed resistor, so that it operates at full gain, instead of changing with the level of signal input at the antenna. This is a beautiful system only $\overline{\text{IF}}$ you are using the antenna connections on the back of the set. If you use the ones that you just installed to couple with the antenna coil directly, you will find that the RF control now does nothing, as the gain control is now connected only across the original antenna terminals and not the new ones. (Another ed. note: Derek Claridge points out that the gain control modification can be performed by removing the wire running from the wiper terminal of the pot section in question, and attaching it to the "hot" terminal of the same pot. The obvious sometimes escapes your editor!)

The third modification is to replace emitter capacitors in the IF strip with emitter ceramic bypass filters, such as those available from Radio West and Gilfer. It is suggested that you remove the existing capacitors by cutting away the ceramic of the caps, and then delicately taking the remaining wire stubs and drop soldering the filters to the stubs to prevent over heating and damaging the filters. This makes a lot of sense, except in my case, where the caps were mounted so low to the board that there were no stubs left when I cut away the ceramic. Instead, I removed the caps by holding the ceramic with needle-nosed pliers, and applied heat with the soldering iron from the foil side of the PC board , then pulled the cap out of the board. Be sure not to hold the iron on the board too long because you are working very close to the IF transistors, and you can fry them easily. After you remove the two caps, cut four pieces of wire about a half-inch long, and form them into an "S" shape (see diagram). The center of the "S" can be insulated with a tiny piece of "spaghetti" insulation. Solder the four wires into the holes left by the caps. Then, carefully slip the ends of the filters into the loops in the wires and close the loops by pincing them with a needle-nose plier. This will give you a reasonable mechanical connection. Then solder the four joints as quickly as possible, not leaving the iron on the joint for more than a half-second. This whole procedure is necessary because the transfilters' leads do not line up with the holes drilled to mount the capacitors that you removed, and cannot be formed to fit the holes.



WERE ATTACHED TO

How to mount transfilters:



This modification will tighten up the selectivity of set nicely. For

example, I am now able to separate WBAL-1090 from local WHLI-1100 with 10 kw, about 5 miles away, in daytime conditions, with no sweat.

Finally, replace the front-end protection diodes D1 and D2 with silicon 1N914s, as suggested in the original article. This cleared up my cross modulation problems dramatically. I have two 50 kw stations only about four miles away from (WNBC and WCBS), which I can easily pick up by connecting a ceramic earphone to my fillings. They caused all sorts of cross modulation and pesty spurs, and changing these two diodes made them disappear.

A couple of other things to try. Put a switch in your ground line so that you can switch the ground on and off. This seems to help you separate skywave and groundwave signals, and will also act as a signal attenuator when listening to locals because you're opening your antenna circuit.

Also, if you find while tuning the BCB, that your antenna trimmer control works bes turned fully clockwise, use your set with the bandspread at "0" instead of "100". Because of interaction between the bandspread and antenna trimmers, this will make the antenna trimmer work more effectively through its span.

Check out the original article in the technical manual before you

proceed (pp. 82-83). The book is worth every cent!

(The editor returns: The preceding plug for the Technical Guide was unsolicited, but most welcome. In spite of Karl's large antenna and proximity to strong locals, he has found few spurs in his modified DX160 using the external antenna coupler. My DX150A would melt in a similar situation, so approach the modification with an open mind; you may not have as good results.)

From Glen Kippel comes word that now Sanyo has a long-distance portable, the RP6260A. (Radio Shack of course is offering their GE look-alike, the 12-650) Does anybody have any experience of either of these radios? Glen would also like to know if anyone has had any experience with the National-Panasonic RD-9830 preselector. If you do, write to him at 3394A G St., Merced, CA 95430.

*******Thazzit, folks. 73, NHP



RADIO DAXO: now 780, see WDXR. bp 5000 Worts

IN THE RED ROCKS

October 28, 1981

Mr. Bill Harms Univer sity Station P.O. Box 7428 Provo, Utah 84602-0428

Dear Mr. Harms:

Thank you for your letter of October 25, 1981. This is to confirm your reception report of KAZM on 10/24/81 from 5:52 p.m. to 6:00 p.m. MST. We are pleased our signal made it into Provo, Utah even if it was fading in and out. KAZM has recently changed from 1470 kh and is currently conducting field strength measurements in preparation for night service to North/Central Arizona. With any luck (and F.C.C. permitting) we will commence night time operation on or about November 15th. Even though we will be broadcasting with between 250 and 500 watts at night with a directional pattern. It will be interesting to see if you can recieve us at night (up to mid-night)

Again, thank you for your letter...keep listening.

Sincerely,

David J. Kessel, Ass't. General Manager

KA ZM

Tabback Broadcasting Company

EASTERN DX ROUNDUP

Bob Lazar

1711 Wainwright Dr.

Reston, VA 22090

Deadlines: Tuesdays

- 640 KFI CA Los Angeles, 10/18 "armchair" level w/ "Newsbreak" 0319.(KVJ-AL) 770 KOB NM Albuquerque, 10/18 0448-0456 xlnt, way o/ WABC w/ NM State "Lobos" FB pgm ending, "KOB Radio" ID's, ad for truck stop and C&W mx. (KVJ-AL)
- 980 KMBZ MO Kansas City, 10/18 0418 "K.C.'s brand of mx". gun shop ad,
- light F&F mx. (KVJ-AL)

 1020 KTNQ CA Los Angeles, 10/18 0149 on top w/ SS talk, mx, "KTNQ" ID's in SS. (KVJ-AL)
- 1070 KNX CA Los Angeles, 10/18 all alone 0143 w/ "KNX Nxradio", xlnt signal. (KVJ-AL)
- 1170 WCIN NC Clinton, 10/16 1830 very strong w/ R&R mx, then into Ae nx.
 WAMB TN Donelson, 10/16 1910 w/ Music of Your Life programming. Spot
 for WAMB awarding a certificate to anyone flying the American
- flag. (HJH-PA, last two)

 1230 KOZA TX Odessa, 10/18 0221 poor w/ sports pgm. (KVJ-AL)

 KLIC 1A Monroe, 10/18 0236 "Great American Cowboy" pgm promo, C&W mx.
- 1250 WGHB NC Farmville, 10/24 2240 plug for Halloween party at snow hill, SID, C&W. Good, then QSBed out. (WPT-NJ)
- 1260*WNFK*DE*Newark, 10/24 2246 ID by male CE during apparent ET.(WPT-NJ) 1310 WIFE IN Indianapolis, 10/16 1839 local civil rights talk, "All nx" ID
- and sports rpt at 1841. (HJH-PA) 1340 KWBO AR Hot Springs, 10/18 0540-0548 "Cowboy 1340" slogan, C&W mx.
- (KVJ-AL) 1400 KILE TX Galveston, 10/18 0522 Galveston Historical Foundation ad, R&B mx. (KVJ-AL)
- 1410 WUNI AL Mobile, 10/27 0053 ID by f, C&W mx. Fair. (WPT-DC)
 KRIG TX Odessa, 10/18 0339-0342 R&R, ad for nightclub. (KVJ-AL)
 unid ?? 10/18 0345 someone u/ KRIG w/ "Wall St. Journal Rpt" pgm
- promo on ABC net. (KVJ-AL) 1430 WWGS GA Tifton, 10/27 1818 end of nx by f, wx, high 78, low 62, ment
- of Tifton. Good. (WPT-DC) 1450 WROX MS Clarksdale, 10/18 0059 s/off ment entire weekly sked: Mon.-
- Fri. 0530-0030; Sat. 0530-2300; Sun. 0500-2215. SSB at end. (KVJ-AL)
- 1460 WACO TX Waco, 10/18 C&W mx 0055. "Texas Country". (KVJ-AL)
 WRAD VA Radford, 9/30 1930 ID given, "Make no mistake, this is WARD
 Radford." (HJH-PA)
- 1470 WRBD FL Pompano Beach, 10/26 1754 spot for local store, ID by m DJ James Taylor. Good. (WPT-DC)
- WNAU MS New Albany, 10/18 0040 ad for bank, into weekly top 30.(KVJ-AL)
 1480 KBOX TX Dallas, 10/17-10/18 2336 & 0007 poor w/ C&W mx, wx at DFW
 airport, "K-Box" ID's. (KVJ-AL)
 KBEA KS Mission, 10/18 0012 "The music nostalgia stn", MYL-type for
 - mat. (KVJ-AL)
- unid ?? someone 10/17 2348-2351 w/ "Radio 15" ID's, call sounded like

 "KW--". Mx was prog, C&W. (KVJ-AL) (How about KWKN Wichita,
 ex-KLEO? What's a "prog"?--ed)

 1490 WMOG GA Brunswick, 10/27 1732 promo for Glynn County. Xlnt. (WPT-DC)

 1510 KAGY LA Port Sulphur, 10/27 1830 s/off by m w/ ID & ment of return to
 air at 6 A.M., C&W in background. My 4th K call daytimer.
- Fair. (WPT-DC)
 - WEAL NC Greensboro, 10/25 1745 s/off by m w/ ment of 1000 w power. Fair. (WPT-DC)
- 1580 KNIX AZ Tempe-Phoenix, 10/18 0321-0350 poor u/ KLOU, C&W mx, ad for Arizona State Rodeo. (KVJ-AL)
- WAMY MS Amory, 9/29 extremely strong w/ s/off at 2000. (HJH-PA) 1600 WOKB FL Winter Garden, 10/27 0152 gospel mx w/ ID by male DJ. Good signal. (WPT-DC)

EASTERN DXERS

- HJH Harry Hayes, 9 Henry St., Wilkes-Barre, PA 18702 KVJ Karl Jeter, DXing w/ a 1500' beverage antenna pointing west near Roanoke, Alabama with Chuck Hutton WPT - Bill Townshend, Washington, DC and Somerset, NJ

Central DX Roundup

Robert Kramer 6416 N. Richmond Chicago, IL 60645

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UnIDed, Special, Changes, et. al.
                     COLLIERVILLE, 10/18 1515 ID, "Victory 63", new frequency from 1590, rel
630
        WMSO
              TN
                     mx. excellent. TB-TN
                                                               All de reste
                    SANTA FE, 10/24 2028 weak W/end of CBS sports pgm, song "In the Mood"
      KAFE NM
810
                     played, then start of S/Off ancmt 2029 (maybe they were in the mood to
                     S/Off ? ed.) before fade out. KDF-IL
                     PITTSBURG, 10/16 1943 fair through CJBC W/pop mx, ID & wx, ex-koam. KDF-IL
860
        KKOW
               KS
                     ROSWELL, 10/24 2008 good W/PSA, sports. RK-IL, 10/24 2026 fair-good W/pop
910
       KBIM NM
                     mx, ID by female ancr, this and KAFE were hrd after KZIA-1580 was noted
                     W/strong signals. KDF-IL
                     JACKSON, 10/13 ID 2043, Humane Society PSA, weak. TB-AL
930
       WSII MS
                     BAY ST. IOUIS, 10/25 1830 fair in WOWO mull W/S/Off. RK-IL
1190
       WXGR MS
                     SPRINGFIELD, 10/17 2132 ID, lady ancr, W/mx during T-strom, good. TB-AL
1260
       KGBX
              MO
                    GREENFIELD, 10/24 1732, good W/Oldies & spots. RK-IL
MADISONVILLE, 10/24 2129 good W/spot O/XEAM. RK-IL
STEUBENVILLE, 10/21 0100 fair W/ID. RK-IL
1290
       WZUU
               WI
1310
       WTTL
               ΚY
1340
       WSTV
               OH
                     VIROQUA, 10/16 1914 poor U/WGEE W/S/Off, ment. WGEM-102.3. KDF-IL
1360
       WISV
               WI
1380
                    MILLINGTON, 10/17 0822 ID as "Spirit of Love", rel. pgm, good. TB-TN
       WTNN
               TN
                    GIADEMATER, 10/20 1950 fair O/noise W/C&W mx, jingle, ads for Longview businesses. KDF-IL, 10/27 1851 good W/promo. RK-IL MONTCOMERY, 10/14 2145 ID as Capitol City wx, fair. TB-AL DICKINSON, 10/20 0122 0/U/KSO W/C&W mx, ID W/"Big Country" ment., lcl nx
1430
       KEES
1440
       WHHY AL
1460
       KLTC ND
                     0130. KDF-IL
       WBNS
               OH
                     COLUMBUS, 10/14 ID, 1956 promo "Country Club Card". good. TB-AL
                     ALLENDALE, 10/23 0600 fair W/SSB & S/On. RK-IL
VALDESE, 10/24 0500 poor W/S/On, no SSB. RK-IL
        WDOG
               SC
1490
       WSVM
               NC
1500
       WKAX
              AL
                     RUSSELLVILLE, 10/20 1917 noted good W/promo for trip to Nashville, S/Off,
                     vocal SSB. KDF-IL
KIEL AR JACKSONVILLE, 10/16 1929 noted fair-good W/S/Off by female ancr, FM call given but not understood. KDF-IL KDF-II

1560 WSQR IL SYCAMORE, 10/20 1901 fair W/ID, light mx, sermon 1913 & brief S/Off 1915//

1570 KZOL TX FARWELL, 10/24 2015 good W/S/Off, my most wanted Texan. RK-IL
                                                                                                               KDF-TI.
If you don't see your name listed below, then you look like Jeziorski:
TB.... Tom Butas 5083 Skippy Dr. Memphis, TN 38116
(7 Froggies, IM, Skippy Dr. ?)
KDF... Karl D. Forth 2714 N. LeClaire Chicago, IL 60639
(HQ-160, spiral loop, Peter Pan Dr.)
RK.... The generic DXer
(R-1000, HQ-129X, Radio West loop, spiral loop, Jif Dr.)
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			A Count		
Heard QSLED	<u>last Week</u> 29 <i>5</i> 7 1998	This Week 2965 2003	# New 8 5	To Go 35	that's all

CADX XXII As you probably are aware, Karl Forth is organized crime's connection with the DX world. Recently, a few of his shady associates dropped in to remind me to tell you to attend the 12th annual CADX holiday gettogether. They warned of grave consequences if you don't & large purple hedge hogs were mentioned. They sure sounded as if they meant business, so I wouldn't take any chances. It's being held from anytime on 12/26/81 to sometime on 12/29/81 & then resumes 12/31/81 at @ 6:00 FM CST & ends sometime on 1/3/82. It is being hosted by the CDXR editor. For more info, call (312)-262-6299. Plan for some AN sessions, but bring headphones if you bring an RX (unless you don't plan on using it). There will also be station junk trading, so bring some. In addition, Mike Hogan will be sold to the lowest bidder (the highest bidder will be quietly wisked away for an extensive cerebral examination).

The 2000th verified arrived on 10/22/81 in the form of KCRC-1390 Enid, Oklahoma. They also sent some stickers & CMs (which may be traded for at the GT).

- Some Things To Do To Make Your Editor Happy 1. Double Space between all items.
- 2. Use only 1 side of the page when supporting CDXR.
- 3. Report in Eastern Time.
- 4. Put your initials on all items sent, that is if you know them.
- 5. It would be nice if you put the date & time on the loggings.

6. Stay away from Mike Hogan.

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: Thursday 11/12, Wednesdays 11/18 & 11/25, Thursday 12/3
REPORTERS FOR THIS ISSUE:
(WJH) Bill Harms-University Station P.O. Box 7428-Provo, UT 84602 DX'ing at Deer Creek Reservoir
                  TRG, 2000' NE Beverage
                  (WJH-UTr) DX'ing at Rock Canyon, UT w/TRF & 1500' W Beverage
(KAZ) Neil Kazaross-518 E. Grand Ave.-El Segundo, CA 90245
R390A & Sanserino loop
(KAZ-GAV) DX'ing in Gaviota, CA
Modified TRF & Sanserino loop
(DP)
         Doug Pifer-2506 So. Rita Way-Santa Ana, CA 92704
                  FRG-7000, MW-1
(Mas) Mark Strickert-P.O. Box 931-San Francisco, CA 94101
DX'ing in Oakland/Piedmont, CA w/TRF
(RET) Randy Tomer-1969-27th Street-Arcata, CA 95521
                  Drake SPR-4, 250' N-S longwire
(RW)
         Robert Wien-1309 Dentwood Drive-San Jose, CA 95118
GE long-range portable, SM-2
OF SPECIAL INTEREST:
                 \frac{AZ}{AZ}, Sedona frequency change ex-1470 kHz first noted 10/24 w/ local ads, song, nx, wx, a day closing prayer & s/off 2040-
 780
                  2059. A surprise. W/KCRL QRW. (WJH-UT)
\underline{AK}, Level Island hrd almost nightly during the month of Oct. w/
 529
        SQM
                   "SQM" code identifier & w/aviation wx for SE Alaska. (RET-CA)
        KRN984 CA, L.A. Airport TIS 10/4 daytime good thank to water path. +10/23 1008 ID's as both "KRN984" & "WYZ2301". (KAZ-GA
 530
                                                                                                   (KAZ-GAV)
                  Info on traffic and construction. (DP-CA)
                 CA, los Angeles Int'l Airport TIS briefly in 10/8 0620 w/fair signal. OW & YL announcers mentioned "LAX" & various flights.

CO, Craig 10/25 0400 xlnt on top of KBOW in KAFY/ (RET-CA KOY null w/ID "Radio 55, KRAI Craig, Colorado" into CBS nx.

Didn't know they were AN. (RW-CA)
  TIS-"LAX"
 550
       KRAI
 +10/26 0400 ID "KRAI, Craig, Colorado" slipped in u/mess.(DP-CA)
570 (KLAC) CA, Los Angeles noted off MM 10/19 0359 & later, leaving WFAA,
KVI, KLUB. (KAZ-CA)
                  UT. Salt Lake City 10/26 0332 ID hrd u/KVI. (DP-CA)
TX. Dallas a surprise 10/25 0700-07072 Texas wx & a song. Good
         KLUB
         WFAA
                  w/KLUB. (WJH-UT)
                  WA, Seattle 10/26 0353 KLAC off. Promo for "3rd Annual
         KVT
                  Halloween Costume Contest for Canines." (DP-CA)
 660
                  NY, New York 10/19 0319 poor to fair w/two ID's, T40 mx. (KAZ-
        WNBC
        KBOI
 670
                  ID, Boise 10/3 1750 noted poor to fair for daytime
                 reception w/Boise State football game. (KAZ-CA)

AK, Anchorage 9/16 0505 xlnt signal o/KXL TT w/ID & pop mx.

AK, Noma 9/14 0430 noted w/MOR & ID by YL. Hrd (RET-C
 750
        KFQD
 780
      KNOM
                  u/WBBM. (RET-CA)
830 Pirate CA, ? relay of KLOS-FM noted 10/17 2020-2035 when carrier was cut. Good sig. Looping approx. 35°. (KAZ-CA)
831 Pirate CA, Compton-Long Beach 10/14 0220-0250 fair w/jazz & deep voiced OM annor. Steve Mittman has them traced to exact Apt. complex on Long Beach Blvd. on border of Compton & Long Beach.
890 AFRTS AFRN, The Sound of Alaska." (RET-CA)
is AFRN, The Sound of Alaska." (RET-CA)
      (KNEW) CA, Oakland 10/26 0307-? noted totally off. (RW-CA)

?KKSN? WA, Vancouver 10/26 0353 tent. on very brief fade up o/KMJC/

KJJJ/CJDV/XEAO, w/EZ rock, ID as "AM 92," garbled ID "KKSN"
910 (KNEW)
                 unsure. (RW-CA)
                 CO, Denver 10/11 0350 weak w/ID & TC in XEGM OC. Better at 0352 w/"Endless Love," a song about DX'ing, hi. (KAZ-CA)
950 KIMN
980 (KFWB) CA, Los Angeles MM 10/19 noted off after 0330 leaving KMBZ and CKRM. (KAZ-CA)
                +10/25 0303 totally off. CKNW/CKRM in, but for 1st time
                 something way u/them. Way too weak to ever ID. (RW-CA)
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BC, New Westminster 10/26 0005 Suspense Drama, Rogues
980
    CKNW
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Gallery, also ID's as "N-W." (DP-CA) SK, Regina 10/26 0639 CKRM Country Classic Contest (DP-CA) CKRM ME. Winnipeg 10/19 0204-0206 good w/CBC nx & local wx. CBK-CBW 990

- 540 also in well o/XEWA. (KAZ-CA) 1080 KNDK ND, Langdon 10/25 0807 SID into a pop song. Fair u/a strong
- KRLD. (WJH-UT) MO, Excelsior Springs 10/25 0739 local ads, wx, into MORish 1090 KEXS
- song. (WJH-UT)
- OR, Klamath Falls 10/11 2105 weak but alone in static & KRAK-1150 KAGO 1140 splatter w/local wx, into adult cont./top 40/pop slop, hi. No sign of guess who's C&W. (MaS-CA)
- NY, Rochester 10/12 0246 good w/ID, TC & Top 40 mx.(RAZ-CA) 1180 WHAM
- 1210 ?KDNF? CA, ? mystery stn using these calls noted 10/19 0238 w/fairgood sig., oldies rock mx, many ID's, N. Hollywood address given twice. ID at 0240 ment. "KDNF, the big 1210, 24 hours a day." Perhaps another Pirate or maybe a carrier current stn. Loop bearing about 1500-3300. (KAZ-CA)
 PA, Philadelphia 10/12 0210 poor w/YVMN w/"WCAU time is 10
 - WCAU after 2 in the morning." (KAZ-CA)
- CA, Los Angeles 10/4 daytime mixed w/KPRL w/Black oriented 1230 KGFJ mx. Runs only 100 watts Sundays. (KAZ-GAV)
- CA, San Diego daytime 10/4 strong & dominant due to water 1240 KSON path. (KAZ-GAV)
- $\overline{\text{WA}}$, Pullman 10/12 very good in KTMS null w/class. mx, ID, 0303 1250 KWSU followed by San Francisco Opera. (KAZ-CA) (AWSU supposedly has to s/off nightly at 03001--NH)
- 1260 NM, Santa Fe 10/11 good w/ID at 0109 followed by a Marshall KVSF
- 1310 (KDIA)
- Tucker song. KGIL nulled. (KAZ-CA)

 CA. Oakland 10/25 0346 noted totally off. (RW-CA)

 CA. Los Angeles 10/14 0152 very weak u/KUPL w/what sounded

 like end of some "special" program (male anner.), "KFAC AM &

 FM Los Angeles" ID. into a violin piece that faded up long 1330 KFAC enough to muddle KUPL's ID at 0159. On 10/16 0200, KFAC had
- Mutual nx way o/KUPL's Mutual nx1?! (MaS-CA) MN, Winona 10/25 0754 SID, wx into a song. Fair until KOTA s/on blew them away at 0756. (KOTA s/on listed as 0656, on 1380 KAGE late because of time mix-up (DST to ST)? (WJH-UT)
- NM, Albuquerque 10/12 0356 very good w/ID, ment. of CBS nx 1450 KRZY
 - coming up, C&W mx. (KAZ-'A)
 SD, Yankton 10/24 2251 a stn contest into a WORish song. KYOU,
 KEYY, et al QRM. (WJH-UT) KYNT
- WA, Vancouver 10/22 0257 fair u/KWUN. Fair to good but fading 1480 KAAR o/unID C&W-ish mx after KWUN s/off at 0259. Adult cont. mx, "Sports (?) Car 14-80 KAAR Vancouver" ID, also "K-double-R"
- slogan at 0303. (MaS-CA) KS, Larned 10/24 2000 MOR song into s/off. Fair signal o/ 1510 KANS KDKO. A nice surprise. (WJH-UT)
- WLAC TN, Nashville 10/19 0401 fair w/ID after relig. program.
- Mixed w/KDKO. (KAZ-CA)

 CA, Hollister 10/23 2128 SS talk & s/off. Didn't hear EE call letters. Poor u/KOMA. (WJH-UTr)

 CA, Aptos Capitola 10/23 2129 MOR song into s/off. Fair, no 1520 KMPG
- 1540 KFMO QRM. (WJH-UTr)
 - NY, Albany MM 10/12 0320 poor to fair & a big surprise!! W/ WPTR C&W mx (they've been C&W for about a year) & ID by usual YL AN anner. KŽLA off & KXEL in fade (I went to school 7 miles from their xmtr). (KAZ-CA)
- 1580 CA, Merced 10/23 2114 ID a string of ads including Wi chester KLOQ Mystery House. Good o/KDAY. (WJH-UTr)
- 1606 KMC490 CA, Barstow desert info TIS is here--noted on drive thru Barstow on 8/17. (KAZ-CA)
- UNID's: 1050 Somebody testing? AEC nx, OC and less to 10/20 0100-0110EST. Good, o/all. (WJH-UT)
- 1270 Weak & fadey stn noted 10/11 0410 w/Larry King. Nothing likely listed in Almanac. (KAZ-CA)
- 1400 10/24 2325 Arizona Wildcats football u/mess in KRE null. No network available. Any one have any ideas? KXIV? (RW-CA)
- 1400 10/24 2331 fading o/above unID w/Portland Trailblazers EKB in KRE null. Probably KEDO. Doubt KJDY-rarely get out anywhere! (RW-CA) Welcome to WDXR, Neil & Mark, report often!! ♡

I have a new ribbon this week so 1 hope this column will be ϵa_{i} ier to read than last week's.

TRANS ATLANTIC DE ROUNDES (All from Connelly unless indicated) ALJERIA Ain Belda 0.965 0.00 7, Pale 7/20 1. //891:549 & 576 present as hets at the time. RELIAND Tullamore 0558 Oct.17 good w/Irish fiddling, then talk 531 567 ment. RTc. MOROGO Sebaa-Aioun 0458 Oct. 17 AA flutes, drums, chanting at low 612 audio level on strong carrier. PORTUGAL Lisboa 0500 Oct.17 PP mx, poor. SPAIN Devilla 0501 Oct.17 poor w/bits of as talk in WAKO slop. 666 684 685 UNIDS weak carrier noted here Oct 9 2145-2210. Think I heard a man talking in language. Definately not 684 which was also coming inin fact they hetted each other. On loop got similar bearings—maybe 5-10 apart. (Stutterheim-NY) Does anybody know of any drifting TA's on 685 ? -ed. SPAIN Barcelona 0550 Oct.1? 35 talk by woman, pr-fr. SENEGAL Dakar 2306 Oct.4 Kalimba mx, AA talk, fr on car rx. 738 765 819 MOROCCO Rabat 0505 Oct.17, AA mx at low modulation level on good carrier; some slop from Colombia/Cuba 820. CANARY ISLANDS 0513 Oct.17 poor w/SS talk. SPAIN Murcia 0554 Oct.17 good w/m&w in SS. FRANCE Paris 0555 Oct.17 FF talk, weak. ALGERIA Algiers 0455 Oct.17 like a local w/AA chanting & instru-837 t 855 864 891 mentation; 20 dB stronger than "LS/HJCL-890. FRANCL Bordeaux 0525 Oct.17 maw in FF fair. LIBYA 2309 Oct.4 AA-sounding talk, ripping talk against "KBA/"MTA/Canadians-1250. 1206 1251 t 1467 MONOCO Monte Carlo 0442 Oct.6 mx box 13, good. 1557 1584 FRANCE Nice 0446 Oct.6 FF talk fair o/Malta JAH & "QAR slop. UNIDS usual TA growl here 0530-0600 Oct.12-nothing came thru in the way of audio. ".GERMANY Langenburg 0519 Oct.17, women in GG, fr-gd. (Connelly-MA) also noted as weak carriier Oct.12 0600-0615, no audio(stutterheim) 1593 PAN AMERICAN EL ROUNDUP GRENADA Strong Oct.10 0148 & later w/me bJ show; spot for record 535 store 3 0151. (Stutterheim-NY) MEXICO Oct.12 0255-0305 opera pgm (duet); then ancr in SS; then 540 brief medley of aria excerpts, two gong Is, then ID for "La Voz de la America Latina" @ 0305. (Stutterheim-NY) VENEZUELA Villa del Rosario YVOV 0541 Oct.17 good w/SS talk, promo 540 VENEZUELA VILLA del Rosario 1707 0541 UCT.17 good W/SS talk, promo about having "mas musica venezolana" (Connelly-MA) UNID LA noted Oct.12 0240-0243. Mention of "Ah-bay-say". Slow LA Vocals. Another la under. (stutterheim-NY) It's R.ABC in Dom.Rep.-ed CUBA/VLNEZULLA Oct.12 0140-0152. LA mx, frequent ment. of Vene zuela; all off this under some sort of play-by-play off a Cuban game. The Cuban stayed, but the weaker YV was completely gone by 0200. (Stutterheim-NY) 540 550 0200. (Stutterheim-NY) UNID This one has me stumped- noted Oct.10 1030-1035 w/lang. lessons by man & woman. Constant mention of "KAMU" (KAH-MOO) 550 (stutterheim-NY) what were the language(s)?? .ed St.KITIS Basseterre ZIZ Sep.2 0320 s/off followed by 00 for over thr. light mx & pop pgm before s/off. ID "Zed-eye-zed, St.Kitts" Heard almost every night w/varying strengths. (Zuk-NY) welcome to DXww-E!:- ed.... Also heard solidly at 0153 Oct.10 w/american pop 555 hits (i.e. "Dance the Night away") (Stutterheim-NY) I'd rather DX the night away. -ed. 575 COSTA NICA San Jose TIAN 0546 Oct.17 jazz good o/Algeria 576 het. (Connelly-MA) Noted w/man in 35 talking fast- ment. "R.Nacional" at 0154 Oct.10. Hrd again weakly w/ CL mx 0236-0238 Oct.12(St-NY) JAMAIJA Galina R.580, many mentions of Jamaica w/various pop mx & 580 T

ancents. ID This is the Jamaican Broadcasting Company (System?) Radio 580, Galina." o/u loud 55 stn. 0415 Oct. 12. (Zuk-NY) Remove that tentative! Karl, you certainly heard and IDed this nice catch! -ed DOMINICA First time noted this season Oct.10 0135 & on, w/talk in

595

EE; BBC accented ancr interviewing woman or child, w/occ. musical selections to 0150. (Stutterheim-NY)
CUBA Havana EE B casts noted now back on this freq. instead of

600 former 580. Usually dominant here over WICC, Bridgeport, CT. (Zuk) This is often noted o/WICC by listeners in Bridgeport-ed.

690

This is diten noted by who by listeners in bridgepoly-ex.

CUBA CMBC man/woman in SS, constant ment's of Cuba w/MOR instr.

Interludes Oct.10 0208-0215. (Stutterheim-NY)

ST.VINCENT Kingston- good strength Oct.10 0045 w/Frank Sinatra tune.

(Stutterheim-NY) Noted w/good 00 0548 Oct.17 (Connelly-MA) (Con) 705

COSTA RICA San Jose TILA 0610 Oct.17 repetitive SS vocal, good.

SURINAM Paramaribo SRS 0300 Sep.2 pop mx in EE. Heard several times since, sometimes w/weird foreign lang. (Zuk-NY) SRS uses several

foreign lang. that sound strange. -ed.

ECUADOR Quito HCGC-1 0549 Oct.17, SS group vocal, good. (Connelly)

VENEZUELA/NICARAGUA 0615 Oct.17 Caracas YVKS w/disco. US rock 735 750 evenly mixed w/ Managua's 35 folk mx & talk about Nicaragua; either stn. could be brought up alone by proper TRF positioning, but not a trace of wSB could be found. (Connelly-MA)

BRITISH VIRGIN ISLANDS Roadtown ZBVI 2221 Oct.17 good w/Reggae version of "Evergreen" (Connelly-MA)

780

3T.KITTo Basseterre R. Paradise 0400 Oct. 12 39&30 signal w/request 825 show of pop mx. Ment of listeners in Montserrat & other nearby islands. A regular here. (Zuk-NY) Noted 2307 Oct.4 w/Rlg. mx, like a

Local on car rx. (Connelly-MA)

DOMINICAN REPUBLIC Santo Domingo HIJB heard Oct.10 0349-0400 s/off
Hodge-podge of musical styles, including a movement of a Vivaldi
Guitar Concerto. ID # 0359 fol. by military band playing anthem(?) 830 (stutterheim-NY)

830 VENEZUELA San Antonio de los Altos YVLT 0510 Oct.17 R.Sensacion ID. oldies & SS mx, loud. (Connelly-MA)

BELIZE Belize City - strong carrier Oct.10 starting @ 1037, OC 'til 1055, then TT, then ID for R.Belize, IS, then NA @ 1100.(St-NY) Is another regular w/Rlg pgm's. BBC transcribed nx rebroadcasts 834

at 0200 Oct.11 & other days. (2uk-NY)
PERU 0554 Oct.17, het against spain-855 at a time when Ecuador-854 T

UNID (El Salvador or Ecuador) 0517 Oct.17 rythmic LA instrumental. 905 fair. (Connelly-MA)

1020 VENEZUELA La Asuncion YVRS 0520 Oct.17° Mundial Margarita" ID, xlnt o/KDKA. (Connelly-MA)

o/KDKA. (Connelly-MA)

VENEZUEIA Caracas YV3Z 0430 Oct.17"Exitos Mil-Noventa" ID, SS talk

by m&w, then "Endless Love" song; good o/u "BAL. (Connelly-MA) I

wonder what a stn in Venezuela is doing; playing a song about the
feelings a man in Mass. has towards the hobby of DAing-hi-ed.

COLOMBIA Barranquilla HJAT 0511 Oct.18 R.Reloj ID, loud. (Connelly)

ANTIGUA at. John's CKL 2308 Oct.4 good w/EL talk on car rx at beach.

UNID 0505 Oct.18 march (Anthem?) OC then off. (Connelly-MA) In Jul
I noted the YV s/off # 0404 & HJNm s/off # 0451 w/no Na if this info 1090

1100 1165

1170 is of any help- ed.

1205 T CAYMAN ISLANDS R. Cayman, totally tentative, On good LA nights I always get a nice strong carrier here, but the only modulation heard is an occ. piece of BFL mx. Help: Someday my ID will come: Oct.10 0200 & many other days. (Zuk-NY) Cayman plays much BFL mx. They leave OC on AN usually. They may still use BBC pips on the hour (during pgmg.) which would easily cut thru QRM to provide certainty to your catch-ed.

1210 VENEZUELA Coro YVMN 0503 Oct.18 R.Coro ID good o/wCAU. (Connelly)

DXWW-E is brought to you by:

Mark Connelly 7 Trowbridge Path, w. Yarmouth, MA 02673 R390A, TRF phased 37 meter Lw's, waterpath to everywhere: Glenford NY 12433-0371: R390A's, R388's, FRG-7, etc. used Matt Stutterheim w/Sanserino loop, Beverages, & Lw's, no QRN: Karl J. Zuk 224-04 Stronghurst Ave., Queens Village, NY 11427:Dx160 w/ 300' La, Superadio, enough 50KW locals to make you cry:

> 73's, good DA, and a flip of the penguin flipper to all -KAZ





EASTERN DX FORUM

Paul Mount 471 Emerson Avenue Teaneck, NJ 07666

NEXT O LAST FORUM TYPED IN NJ; REPORT TO Rick Evans Cox 1294 NorthWales

Hello to everyone from west virginia. DX conditions around here during the past few months have been fine and dandy, especially around the dawn hours. Since August 5, I have gotten 225 stations and on 10/15 I got kONA Oklahoma City. If a 16 year old DXer could have a heart attack, I would hi. A few days ago, I came to the conclusion that I needed a better AM antenna than just a plain ferrite wire in my reviever. I geard how well everyone was doing with a loop antenna, no I went to Parkersburg in search of one. My father said the best place to go was to Radio Shack. I asked the dealer if they had one and he said they don't have any in stock. I went to some other electronic shops after that. Guess what they maid? Co to Padio Thack! Then I remembered that new members can get a kit to assemble a loop antenna. Mell, Tive taken up enough space so it's good bye until next time. 73s to all. (See my Forum - FSM).

Jene J RIECER 529A S 71ct Milweky WI 53214 (414) 476-3652

Jhow! I just redid my chronological log. It took almost a month of hard work. It has sroom for call letters, location, time, date, freq, pwr, net, format, lorging details and reception, antenna direction, external antenna used, "s" units, local wx, rowr, location heard, additional comments, gsl'd? taped? domestic-other, political unit, and stations' number chronologically. It takes 3 seconds to hear a new station and 7 mins to write out all the in o, hi! I'll cladly send a sample page to anyone who would like to improve or see how someone else's low page looks. No Sase, I hase lotsa stamps. I also hase a log by frequency which is just as detailed. (Sounds like it's a log page 8" high and 3 feet long! Send me a page please John - PPN) Locally, 1290/W2UU is now 24 hours from Creenfield WI 65/5kw. 900/WNNO is now using the slogan "Country 900" going country on AN and leading FM F40. I'm hoping to have 1400 stations heard by 1/1/22, but the way conditions are now, I'll be lucky to hit 1370 or so. 14%s teen lousy. Lowe er, September of 81 was my End hest Deptember in 14 years DXing w/ 19 new stns in the month. Some other vital stats: 162 gy's heard, 25 splits, 47 states and 21 foreign countries. Dest fregs: 1400 and 1490 each w/41. Best month ever: July 1967 w/80 new stations. That's all for now. I bet PRM is seeing double/double withm all those numbers. (Not Not Me Me-PPM PRN) I also want to thank PRM for putting out all those typed up sheets...and putting up with people who didn't double space, do know how to write legibly, or write about this being their 59th forum in a row or their favorite dj which nobody else cares about, anyway! Again Paul, a since thank MOU. John.

FILL POWNSHEND 4500 Conn. Ave NW #901 Washington DC 20008 702 966 8046 I finally broke down and bought a Sony ICT-S5W rx last//Tue 10/20/81 week for \$74. (You got ripped -PRM) Several days later I tried out the new "toy" at work before I "turned to" (Navy lingo for starting work).

Several PA 5M stations were heard here in DC (actually Marlow Heights MD), two from Philly and two from PA Dutch Country (Lancaster). Se eral more FM stations from the Eastern Shore were bagged. The farthest was WLIR-FM 92.7 on Long Island in NY (270 miles/352 km) and rivals my best FM catches in the Bahamas (Nassau) early last year. The ICT-S5W was at my desk which is several meters from the nearest window, far enough to make midday DX on AM impossible but fM wasn't even fazed! I'm going to go ape next summer with the E-Skip CX. (See my Forum -PRM) Several of my recent AM Catches were on the ICF-S5W. Jim Albrecht, whom I met in French Polynesia ten years ago, was in town over the weekend. He and I went to Duke Street in Alexandria, just south of the Masonic Memorial for a rail-fan session. While he was watching trains, I was watching license plates.

I logged two newies on the ICT-S5W with him as a witness, during a couple of DX Sessions at my shack. Total heard is now 1045 on AM, 52 on "M. 73s.

If you're interested in being on a list of people who can receive calls for hot DX tips at Sunset, or Sunday morning, or Monday Morning, send a card to Paul Mount (address next page) indicating which time periods of the three you can receive calls, and your PHONE NUMBER! - P R M

MARK CONNELLY 30 William Road Willerica MA 01821 21 Oct 1981 Phil loersma's Forum in DXM of 19 Sep was a roal classic. It's good to see someone defending the radio listemer's inalienable right to AUCLEROLL! There's way too much of this 'Adult Contemporary" dri el on the air today. Electric guitars are the music of my life, whether in songs by Presley or WERG-680 has gone All-Falk. It had once been the lead the Pretenders. ing fop 40 back in the good old days when it was still fashionable to play rock 'n' roll on AM. WRKO had gone the adult-contemporary "slush" music route a couple of years ago and promptly got clobbered in the ratings. So now it's all-talk. With absolutely no Top 40-or AGS atailable at all on oston (or Philadelphia, or Miami -FPM) radio at night, I often wind up checking out WLS-890, the best AM station I can find. (I mean to say that IHL and MIA have the same problem-PRM) A lot of times, WLS gets taken out ty Algeria-891, though. On other occasions, it's auroral and HJCE/other LA's rule 390. When either o' those e ents occur, it's time for DXchasing, not music appreciation. I enjoyed the NFC AJ convention, but I think the other convention 1 attended, boston in 1973, was more oriented to real DXing. In MJ there didn't seem to be much in the way of technical talks or playing of exotic DX tapes as at the '73 convention. Of course G Nelson is no longer in the NSC; he was a prime mover in the field of Of course C.F. DX Engineering. Nowadays, Chuck Hutton probably merits the title of resident EX Curu; unfortunately he didn't make it to NJ. Also regrettable was the fact that no serious attempt at a DX-pedition materialised. After hearing about the Loverage DX session at Mutton's during the Atlanta convention, I was all psyched up for somthing similar in MJ! I Frought the phasing unit, all set to be tapped into some telerages/ the only beverages present were of the Michelob variety. A problem with planning Expeditions during conventions in that it's difficult to persuade a significant number of people to leave the convention site festivities and drive out to a different location. (Electially when they haven't gone out for any other reasons like at NJ - PRM). The obvious solution is to choose a site at which receivers, loops, etc, can be set up right in the convention room without excessive light-dimmer problems. A certain amount of FT is toleralbe, but those dimmers are the pits! Instead of sitting through interminable hours of talk only tangentially relating to real life DX, we should interrupt convention speeches every hour or so for a DM i reak during which participants could get their hands on receivers. The next time there's a convention in MJ, it should be at a shore sit like Manahawkin or Ship lottom with real DN potential. Those who wanted to camble instead of DMing could take a short ride to Atlantic City. Eastern MJ from Lake wood to Atlantic City is a superb DX area, quite on par w/ Cape Cod's similar coastal sand-plain with respect to Caribboan and South American 15. 73s for now. (Fore on this forum too in mine FRM))

FAUL MOIN: 471 Emerson Avenue Feaneck MJ 07066 201 836 1137 8110.28 During my time as editor of EDXF I tried to make it a column: "un and interesting to read and easy to contrabute to, without rules or pleas for reports. Comparing forums in early 70s DXM and late 70s DXMs, I saw a trend to be less interested in pure DX, verifying, etc, and more towards discussion of programming, promotions, and radio hobbies in general. Thus the forum leing the columns of the 80s. I always held that we are people, not just monitoring posts, and Tary Siegel said to me once "the convention is human interest or why would anyon- go in the first place?" So it's not totally surprising that in 1931 people sat around and talked more than they seemed to have in pre ious years, compared to the time they participated in radio/DX-related acti ities, at conventions. A lot of a Daors personality can come out in a forum and how much of it the member realizes depends somewhat on the editor; I did maybe too much editing of side comments which somewhat depersonalized the reporter; WPT's forum is intact this time. You see in this column the DXers discussing programming, non-at DA; and one club, the CADXA, has recently done as far as to describe their purpose as promoting interest in DXing AND radio-related hobbies, including SN in the bulletin as it is a RADIO club and we listen to both Ar A M. Mark, my peers feel "why should I listen to the music of my life on A if I can hear it on TM in stereo?" and I like your point about MOMI: I "eel those interested in DXing at the concention, or technical topics, should contact the concention hosts early on so that it can be planned to best meet the attendees' interests. WPT: Check w/Neil Dickerson, or TM limetings in GNDXA/WF DA to see if the day you tried out the 10P-S5W had trop; otherwise it sounds like you've got some people's equi alent of a tuner and roton on this portable? What floor is your office on? Fell us what AM stns the ICF-S5% gets not on the TGC, etc. LG: Welcome, what in your rx 7 Most ES stores say you don't need an antenna, or should try to sell you a TRV. KOMA should be a SSS regular - 1 DXed from Nelson ille CH, heard 500 stns my first year there, check your New Mem or Packet. 73, C U K 7.



Western DX Forum

青青青青

IRCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald, P.O. Box 4861, Santa Rosa, CA 95402-4861 (707) 865-1260

1981/2 Deadlines-Weekly on Wednesday, 10 Days Prior to Publication Date (Note: Tuesday Deadlines Prior to U.S. 3-Day Weekends)

MARK STRICKERT, P.O. BOX 931, SAN FRANCISCO, CA 94101-0931 (415) 652-1875 1700-2300 PLT and prepaid

Compiled from various scrawled notes on little bits of paper en-route from San Jose to Oakland.

15 October - nice chat with WDXR's Nancy and Bill Hardy.

16 October - nice chat with John Rieger, although a little off schedule, hi.

17 October - nice chat with Robert Wien, although this one cost a dime (I

was in San Jose at the time) (not an intentional rhyme) (or that, hi).

Also tried to visit K-FAT's sales office, but could only talk to the locked door, and succeeded in tracking down a t-shirt shop with shirts from ten stations (I bought seven, including an obsolete "Rock 16 LIV" that was actually marked down, and one golf shirt from KARA-FM), followed by an intense discussion on typos in QSLs, strange typos who are now ex-IRCAns and, (like, what else?) stickers. (Mark, the noun please. Discussion with whom, the locked door, RW, chicken soup?-hi-RtH.)

Next week, a report on BCB DX in Cuba and other impossibilities. 73 de MaS.

BILL HARMS, P.O. BOX 7428, UNIVERSITY STATION, PROVO, UT 84602-0428

I would like to thank all those who voted for me for BoD. Although I wasn't elected, I feel good just being nominated and having the chance to run. It looks like we have a pretty bunch for the BoD; the club will be in good hands for the next two years. (Bill, "pretty bunch"? And the adjective please, and it better be the right one, hi-RtH.)

This morning another interesting thing happened while DX'ing up at Deer Creek Reservoir. Let me preface everything by saying that today was the first day of deer hunt season in Utah, and the QTH where I set up the Beverage is

a prime location for deer.

As I was trying to listen to KDIO 1350 Ortonville, Minnesota, at 0815 ELT so I could get some good report details when the first of many would-be deer hunters decided they would drive on the dirt road across which I had my antenna strung. Just as KDIO was going into a set of spots, someone drove across the antenna severing it into two pieces. On my receiver, KDIO faded out of

sightand in popped the pest KTDN mixing with the semi-regular KRNT. Oh well. It was interesting at 0930 MLT with all the frustrated deer hunters shooting off their rifles after not seeing any deer; it sounded like a war zone. After hearing what sounded like a bullet zinging by my car I decided it was

time to head home. I wonder if that bullet was meant for me, hi.

Latest veries here include JBC 700, KBST 1490 and KRBC 1470. Gotta go.
73 de WJH. (Tune in next time for another thrilling episode of Bill Harms and Beverage vs. the enemy. Will Bill hear KDIO. Will Miss Piggy kidnap him. Will he have visions of an army of penguins. Stay tuned to this column, hi-RtH.)

TERRY KLASEK, 9720 VICKIE PLACE, ST. LOUIS, MO 63136 (314) 868-7274 prepaid

Cheese and crackers, gang. I hope everyone is enjoying a new DX season because this new season is killing me. Yup, I said killing me. (Have you been DX'ing with Harms?-hi-RtH.) It seems that everytime I fire up the HQ-180A and my spiral amplified loop, at least four new stations appear each day. Aaacchh. I'm heading for the poorhouse with a mountain of veries. Well, 32 cents per report was bad, but 40 cents per report is worse. Now that postage is jumping again it seems that I'm having more newies than ever before. It must be a

As of 15 October 1981 (yes, that's A.D., hi) my totals are as follows: stations 330/254, states 43/41 (DC heard, no QSL), provinces 9/9, countries 28/21, state capitals 38/35. My best verie to date is KJNP 1170 North Pole, Alaska, some 2,700 miles. Not too many TESTS this season for me unless Hawaii, New England's "Big 3," etc. that I need for new states appear, then I'll suffer.

I get up at 0500 and start work at 0600. I get off at 1330 and DX until 1600. I must spend time with my family so I don't get to DX until 1800 after dinner until about 2130 which is sack time. If you've seen my photo, you know I'm in desperate need of beauty sleep. (I'll pass on this morsel of

temptation, hi-RtH.)

I dislike those fools who live for DX. How anyone can devote his/her entire existance to DX rather than earn a living, or keep a roof over their head is beyond me. I guess I actually pity them for they must be very lonely. I know two people who do not work, and DX until the wee hours of the morning every day and they sleep ten hours or so, and wake up about 1300. This is profoundly DISCUSTING. I call this a wasted existance. (Hear, hear-RtH.)

Hey, does anyone know if IRCA's Award Program died? I sent for some 13

awards over one month ago to Ed Ryan in Alabama, but no awards. Not even a letter of courtesy did I receive to say there would be a delay. Please, if any DX'er knows the where-a-bouts of IRCA's Award Program, send me the ad-

dress. Thank you.

I will keep writing these missives until postal rates decrease, so you'll hear from me often, hi. Good DX to all until next time. 73 de TAK

DAN SYS, #305, 45 E. 16th AVE., VANCOUVER, BC V5T 2T1

It's been a long time since I've contributed to WDXF. Just thought I'd let everyone know I'm still alive and kicking, and even doing a bit of DX'ing (believe it or not). Nothing of great interest has happened to AM radio in this area since the addition of Nanaimo's CKEG 1350 a few months ago, however, I might mention that CJJC 800 has dropped all their ethnic-multilingual programming (except on Sundays) and is back with a pretty traditional sounding C&W format fulltime.

I do have a bit of information regarding those "Exisiting Construction Permits" problems posed by Don Kaskey in the 05 September DXM. A CP was never granted for 900 kHz in Penticton, BC, and the original plans for that staion have probably been shelved as a new privately owned independent FM station

was recently granted for that city.

As for the 1260 kHz listing for Richmond, BC, there was never a CP granted here either. Those plans were submitted by one of the groups competing for a new Richmond station several years ago. The CRTC granted a license to the other application which eventually became CISL 940. However, I'm sure 1260 will eventually have some future suburban Vancouver station on that frequency as the CRTC appears to be pushing suburban radio of late.

Speaking of CISL 940; they are scheduled to have their sister station (mostly a simulcaster) licensed to Delta-White Rock, BC, in operation sometime

next year on 1520 kHz with 1 kw, I believe.

Other than that, I'm interested in trading airchecks with anyone who would like to hear any format from Vancouver, Victoria and some Seattle FM stations. My priority right now is obtaining airchecks from the few stations in North America playing alternative rock/new wave-punk. However, I'm also interested in hearing AoR and good Top 40 stations. Write is you're interested. Also write if you're a promo material collector. I've got a good supply of trading material on hand right now. 73 and the best of the upcoming DX season to all.

BILL NITTLER, BOX 36, NUCLA, CO 81424

Had great intentions upon returning from Calgary to get the DX bandwagon rolling, but to date, nothing has been done. Only new logging is the new KRT7 in Cortez (FM).

Can see nothing wrong with mentioning FM, TV or SW DX if it is only casual mentions and the report is not primarily the other medium. (As the ByLaws

read now, Bill-RtH.)

There is not enough DX'ing done in the Mountain time zone to deserve its own column. I have DX'ed from Denver, state of Nebraska and now the western-slope and can only compare my own experiences. DX from this area is much different from the other side of the mountain with west coast DX much more common and W calls rare. A boundary has to be set somewhere. Agree that western states are much more compatable with the west coast than with Wisconsin, though. (Bill, BoD is voting on this at this moment; results soon-RtH.)
Printing BoD proposals in the DXM is unnecessary. . .that's what we have a

Board for. . . to make decisions.

Good to see old acquaintance, Glen Kippel back on the DX track. Must add a little remembered fact about our old friend, Jim Critchett. . .Jim was an outstanding DX'er, which you all know, but was an early investor in IRCA with a sizable financial contribution which he asked me to keep quiet at the time we founded the club.

In case I forgot to mention it last time, a special thanks to George, Leonard, Cameron and Pater for the outstanding job they did hosting the convention. 73.

W. GEORGE ELLIOTT, C/o CKOK/CKOR, 33 CARMI AVE., PENTICTON, BC V2A 3G4

Well, guess what? I'm still around. I know I should have written sooner, but I've been waiting for the last DXM to see if Ric has moved AGAIN. (The way things are going around here, that might be sooner than you think, hi-RtH.) Speaking of moving, please take note of my new address. I still live in

Kelowna, so the address there is still valid, but I live in Penticton as well.

The story goes like this: my last all-nighter for CKOV/CHIM was the morning of 02 July. I was called into the station by my PD as eight that morning to learn that I had been laid off. My girlfriend had lost her job a couple weeks before and immigration was giving her the gears, (she was from England and working as a nanny on a work visa), plus a few other things happened that were of little or no help. So, I planned to take the summer off and live off the government (unemployment) for a couple of months and work on my poetry book. As it turned out, the government started to bug me about finding some work, so I placed one long-distance call to a guy at CKOR-FM who used to work at CKOV when I was part-timing on CHIM-FM. The purpose of the call was just to see how he was doing. Then I asked if they were looking for jocks, not expecting anything to come from it. As it turned out I had the sense to whip up an audition tape and make a few copies before I had cleaned out my locker at CKOV. So, armed with a poorly prepared audition tape and updated resume, I ventured to Penticton. (Continued next issue. . .)

MIKE HARDESTER, P.O. BOX 1565, SAN MARCOS, CA 92069-0540

First off, please note the new address above (including the infamous 7IP + 4 code) which is effective immediately. Continual loss (rip-off) of mail from the rural mailbox prompted the move to a P.O. box. My old street address (574 Deer Springs Rd) is still current. . .until this house is sold.

Question time. Are there any members familiar with the Colorado towns of Palisades or Mesa? There's a fair to good chance I may be moving there in the future (after I get out of the Navy), and I'm curious about the DX potential (and location) of these towns and nearby towns/cities or whatever.

A new receiver here is a RACAL RA-17 purchased from Bill Whitacre a couple months ago. However, I've had little opportunity to adequately check it out on the BCB, but should be able to do so this season.

Not much else to pass on. The new IRCA Foreign Log is at hand and, as usual,

looks fantastic. Best to write the IRCA Goodie Factory for information on current price/availability. Very 73 and best of DX.

GLEN KIPPEL, 3394A "G" ST., MERCED, CA 95340

Greetings from the Gateway to Yosemite! Actually, I'd think that DX would be better from Glacier Point (I wanted to go up there, but there was no lift, hi-RtH) or Tuolumne Meadows than the Yosemite Valley, but then maybe some people

just enjoy a challenge, hi.

Has anybody had a chance to DX with Sanyo's long-distance portable, the 6260A? They have them at the local pharmecy for \$33 and although it's hard to check reception in a steel-reinforced building, it has a reverse-acting tuning meter and possibly a squelch circuit as it quiets down between stations.

I recently relocated my unbalanced loop to aim N-S and wired a switch so that it's convenient to switch between XEW and CJVI, for example. But there was too much powerline hash, so I wound a toroid and made a balanced loop out of it. KPNW 1120 is audible days so it works fairly well.

JJ's are currently popping in quite abruptly about 0830 GMT with JOIB $747 \cdot$ usually the first to show up. They go away around 1430 GMT and for some reason JOBB 828 is usually the last to go; at that time WCCO is gone, so they're in the clear even on the Superadio. I think that the powerful Persian Gulf stations may be able to make it into the Pacific Northwest in the latter part of December during the hour or so prior to dawn. Duba 594, Jeddah 1512, Duba 1521 most likely; BBC Masirah 702 and 1413 worth trying and Abu Dhabi 729 if you can get rid of CKLG.

Oh, HOJB has decided against the MW segment for their DX program, according

to a letter received from Roger Stubbe in Quito.

73 and I'll let you know if anything exciting happens (like Tahiti 738 drowning out KCBS 740). (Don't laugh - the guys at the Ano Nuevo Beverage party heard just that-RtH.)

RIC HEALD, P.O. BOX 4861, SANTA ROSA, CA 95402-4861 or 19050 RIDGECREST DR., GUERNEVILLE, CA 95446 (707) Topaz 5-1260 to 2200 PLT and prepaid

Wonder what the odds are about working at three radio stations and two of them have been hit by lightning? Thunderstorms in this area are so rare that they make frong page news in the dailies, and having spent three summer back East, what we had last night (28 October) rivals anything I ever saw in the East.

There were actually three storms in progress simultaneously, stretching west to east over Santa Rosa. I was driving through this storm to get gas, when suddenly there was a lightning bolt so strong that all the light-sensitive street lights went out, I saw a flash in the direction of KPLS's towers, and poof, off the air. That was at 6.10 PM PST.

Actually, a transformer down the road from the towers was hit, and when the CE arrived on the scene, he discovered water standing on the floor in the transmitter building, so thought it would be wise not to try to return to the air for the balance of the evening.

So the PD, the evening jock and I trooped over to the PDs house for dinner and a few glasses of liquid refreshment, hi.

Flash. . . KSRO 1350 is going fulltime. Don't know if they plan NSP, but they will be all night soon. That should come a good news to everyone from BC to Mexico, hi.

Did I hear KORL correctly? Are they doing Music of the Sewer...err, MYL now? Heard a very weak ID through KFI's slop.

I'm certainly on the back side of KCBS here, and they can be nulled almost

any evening to hear CBX.

Looks like a couple other IRCAns have taken my lead and changed addresses, hi. Will try to stay here as long as possible; I do have to move from this current Guerneville address, but will keep the P.O. box in Santa Rosa as long as possible. I think for the next move, and send out about 20 change-of-address cards to forum contributors.

Regarding phone calls to this number: Due to current financial situations, I cannot return your calls. I'm usually home in the morning and again eve-

nings. That's it this week. Remember, as one of your representatives in IRCA, please feel free to share your thoughts with me. This is your club. 73 de RtH. .

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

After about three dry weeks with nothing new and exciting added to the log, I bagged KWIP-1460 & KNMX-540 this past weekend. See next week's WDXR for details.

To answer a few recent questions: Paul Zehr-your 780 unid may have been KCRL, which I've heard running SS during the early morning hours. Another possibility is XESU-790 in Mexicali. Lee Graves: Radio Shack doesn't sell loop antennas, try either Radio West or Gilfer Associates, two reputable mail-order houses selling a variety of BCB/SWL gear. A. Lobel: your unid TT/soft MoR on 740 sounds like the BC LPRTs, I ve heard them many times w/ one or the other (tho never both). Glen Kippel: I don't think we'll be hearing Saudi Arabia out here this year (it's all I can do to hear Japan this season), but maybe when the sunspot count bottoms out... Ric Heald: don't tell anyone but KORL switched to Music of Your Life a year and a half ago (I won't embarass you by asking you where you've been all this time, hi).

That does it for this issue. 73 and keep reporting to IRCA!

COLORADO DX-PEDITIONS, P.O. BOX 3434, LITTLETON, COLORADO 80161 303-781-1185 or 303-547-3541

Dear DXer,

Rob Harrington and Chris Knight will be going in to the COLORADO MOUNTAINS for some mini DX PEDITIONS this winter. The locations will be announced 24-to-48 hours before we leave. We can tell you that the locations will be in one of these cities ALAMOSA, MONTE VISTA, DEL MORTE, FORT GARLAND, SAGUACHE, WESTCLIFFE, SALIDA PONCHA SPRINGS, BUENA VISTA, LEADVILLE, FAIRPLAY, DILLIN, FRISCO, VAIL, WOODLAND PARK, IDAHO SPRINGS, CENTRAL CITY, BLACK HAWK, ESTES PARK, GRAMBY, KREMMLING, REDCLIFFE, MINTURN, DECKERS, CENTER, OR GRAND LAKE OF COURSE ALL OF THEM ARE IN COLORADO.

And we have decided on the dates for our MINI-DX-PEDITIONS Departure on SATURDAY MORNINGS(7:00AM) on NOV 7th , NOV 21st, DEC 5th, DEC 19th(1981) Jan 9th, Jan 23rd, FEB 6th, FEB 20th, and MARCH 27th (1982) Returning to Denver/Pueblo on Sunday in the late

If you are going to be in Colorado during any of these dates, contact Rob at 303-781-1185 or Chris at 303-547-3541 and we will give you more information about our DX -PEDITIONS in to the mountains of cold snowy wet COLORADO.

BEST BETS FROM ONTARIO

Compiled by Niel Wolfish

D-Difficult, M-Moderate, E-Easy

```
State/Prov
                    Ease
                           Best Bet
                                             Other Shots
Alabama
                    M
                           WM00-1550
                                             WEUP-1600, WAAY-1550
Alaska
                    T)
                           KFQD-750
                           KAAY-1090
Arkansas
                    M
                                             KPCA-1580, KDFD-1580
Arizona
                    D
                           KNIX-1580
California
                           KFI-640
                                             KNX-1070, KFBK-1530
                    M
Colorado
                    M
                           KOA-850
                                             KLZ-560
Connecticut
                    \mathbf{E}
                           WTIC-1080
                                             WQQW-1590,WICC-600,WPOP-1410
Delaware
                    D
                           WDEL-1150
                                             WD0V-1410
                           WTOP-1500
Dist of Columbia E
                                             WMAL-630, WRC-980
Florida
                           WLCY-1380
                                             WGTO-540, WSUN-620
                    M
                           WSB-750
                                             WCLS-1580,WYNX-1550
Georgia
                    Ε
Illinois
                   E
                           WGN-720
                                             WLS-890, WBBM-780
Indiana
                    \mathbf{E}
                           WOW0-1190
                                             WIFE-1310, WIRE-1430
Lowa
                    Ε
                           WHO-1040
                                             WOC-1420,KSO-1460,KXEL-1540
Kansas
                    D
                           KQNK-1530
                                             WIBW-580
                           WHAS-840
                                             WAVE-970, WPAD-1560
Kentuckv
                    Ε
Louisiana
                                             WNOE-1060, KLOU-1580
                    Ε
                           WWL-870
                           WGAN-560
Maine
                    D
                                             WYNZ-970
                           WFBR-1300
Maryland
                    E
                                             WCAO-600, WPGC-1580, WBAL-1090
Massachusetts
                    E
                                             WITS-1510, WIXY-1600
                           WBZ-1030
Michigan
                   E
                           WJR-760
                                             WWJ-950, WXYZ-1270, WWIC-1310
Minnesota
                    Ε
                           WCC0-830
                                             KDHL-920, KSTP-1500
Mississippi
                    M
                           WCPC-940
                                             WOKJ-1550, WPMP-1580, WSAO-1550
                           KMOX-1120
Missouri
                    E
                                             WDAF-610, KMBZ-980, WEW-770
                                             KOFI-1180
KRVN-880,WOW-590
                           KGHL-790
Montana
                    D
Nebraska
                           KFAB-1110
                    M
New Hampshire
                    M
                           WFEA-1370
                                             WTSN-1270, WKNE-1290
New Jersey
                    M
                           WCRV-1580
                                              WRAN-1510, WNJR-1430
New York
                    Ε
                           WGR - 550
                                              WNBC, WCBS, WABC, WBEN, WHAM
North Carolina
                    Ε
                           WBT-1110
                                              WJIK-1580, WCNC, 1240, WKXQ-1600
North Dakota
                    M
                           KSJB-600
                                              KFYR-550, WDAY-970, KQWB-1550
Ohio
                    Ε
                           WLW-700
                                              3WE-1100, WAKR-1590, WHBC-1480, WSPD-1370
Oklahoma
                    M
                           KRMG-740
                                              KV00-1170,KOMA-1520
Pennsylvania
                    E
                           WCAU-1210
                                              KYW-1060, WRIE-1330, KDKA-1020
Rhode Island
                    M
                           WPR0-630
                                              WHJJ-920
South Carolina
                    M
                           WFBC-1330
                                              WIS-560, WBSC-1550, WAGL-1560
South Dakota
                    D
                           KKAA-1560
                                              KSDN-930,KS00-1140
Tennessee
                    E
                           WSM-650
                                              WLAC-1510, WRJZ-620
Texas
                    E
                           WBAP-820
                                              WOAI-1200, KONO-860, KRLD-1080
Utah
                    M
                           KSL-1160
                                              KRG0-1550
Vermont
                    D
                           WSKI-1240
                                              WTSA-1450
Virginia
                    Ε
                           WRVA-1140
                                              WFIR-960, WKBA-1550
Washington
                    D
                           KOMO-1000
West Virginia
                    Ε
                           WWVA-1170
                                              WMMN-920, WNEU-1600, WKAZ-950
Wisconsin
                    Ε
                           WTMJ-620
                                              WOKY-920, WEMP-1250
Wyoming
                           KTW0-1030
                     D
(Typist's note: Niel left off a few states, probably because he considers
them very difficult or impossible. These were Idaho (KBOI-670, KRLC-1350), Hawaii(KORL-650, KPOI-1040), Oregon(KEX-1190, KPNW-1120), Nevada(KCRL-780), and New Mexico (KOB-770, KZIA-1580). Stations in parentheses are my own
suggestions, and may be feasible only under rare, fortuitous circumstances.bp)
Alberta D CBX-740 CBR-1010,CFAC-960
British Columbia
                     D
                            CBU-690
                                              CKWX-1130,CFUN-1410
CKLQ-1570,CKDM-730,CKRC-630
Manitoba
                     E
                            CBW-990
Newfoundland
                            CBN-640
                     D
                                              CBY-990, CBT-540
New Brunswick
                     Ε
                            CBA-1070
                                              CBZ-970, CFNB-550
Nova Scotia
                     D
                            CHNS-960
                                              CJBC-1270
Ontario
                     \mathbf{E}
                            CBL-740
                                              CJBC-860, CBE-1550, CHML-900, CFOR-1570
Prince Edward Isl M
                           CHTN-1190
                                              CFCY-630
                           CBM-940
Quebec
                     \mathbf{E}
                                              CKLM-1570,CBF-690,CJRS-1510,CBJ-1580
Saskachewan
                           CBK-540
                                              CJGX-940
                     M
(Typist's note: Niel left off Yukon & Northwest Territories, for obvious
reasons, hi. bp)
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D.A. NYHOLM 198 2071 CEDAR STREET SAN CARLOS, CA 94070