



# DX NEWS

*the magazine of the  
National Radio Club*

— SINCE 1933 —

VOLUME 51 ISSUE 17

FEBRUARY 4, 1984

Hope everyone saw the 'last minute' CPC test notice on the back of their last issue. If not, pay attention to the back page for late breaking tests! This week we have another test scheduled for two Mondays. Thanks a bunch, Frederick.

ICOM R-71A New receiver, saw ad in latest CQ magazine & heard on Glenn Hausen's "World of Radio". Does anyone know the price? Or have seen it or used it? Let us know here at HQ.

From Mike Hardester, "A DXexpedition, in memory of John Clements, will be held March 24 thru March 26, at the 29 Palms Beverage Site. Those wanting more info can contact me (818-891-4252) or Paul Swearingen". (More details will be available from Paul (right, Paul) in the near future -HQ)

Looking for the address for WKRI? It's 1584 Centerville Road, Warwick, RI 02893. (Found it on a note attached to an article via Harley Steward)

From Craig Healy: "At a recent GTG, some of us discussed the possibility of chartering a bus to go to Colorado Springs next Labor Day. I've checked with quite a few bus companies in this area and came up with two good quotes. The better of the two would have us leave RI on the evening of the 29th of August (Tuesday), stop overnight Wednesday in Indianapolis, and arrive in Colorado Springs Friday morning. The return trip would be similar. The round trip price would be about \$138/person if all seats are filled. The bus seats 47. Departure point in RI would be T.F.Green Airport. This has the advantages of accessibility, central location and long term automobile parking. Traffic congestion isn't a problem, either. I need to know how many people are interested in this. I'm not looking for a binding commitment yet. Just gauging interest to see if it's worth pursuing further. Oh yes, the hotel or motel room in Indianapolis is extra." (Craig Healy, 66 Cove St., Pawtucket, RI 02861)

**1983 CONVENTION PHOTO** 8" x 12" color photo of the Connecticut Convention. \$5.75 includes mailing. Orders will be EXTENDED beyond January 31st, due to the demand of the photos. We will now accept orders up to March 1st. Those that have ordered recently should be getting yours soon, as we had to go back and get a 2nd printing of the photos, sorry for the minor delay. For the photo send to: NRC PHOTO, P.O. BOX 24, CAMBRIDGE, WI 53523. This product only, will be accepted here, all other orders go to the PUBLICATION CENTER. Do not combine photo order with other NRC products.

**\*\*\* RETURN ADDRESS LABELS \*\*\*** When writing to stns, you have been asked to send an SASE or a Stamp or Both! and still end up with marginal results. We have tested and have gotten a 98% return by using a stamp and a self-adhesive label with our return address on them. How can you get better results? Why not purchase 100 labels for a mere \$1.75, price includes shipping! What do they look like, just look on the back of this DXN, same size only difference is that the due dates will be replaced with your country (USA, CANADA, ENGLAND) below the last line. Order from: NRC PUBLICATION CENTER, P.O.Box 164, Mannsville, NY 13661.

Feb 13 WHND-568 Monroe, MI 8888-8488, ND from 8888-8238, will play big band Monday and march music. Write to: Frederick Vobbe, Radio Station WHND, 5385 Vineyard Drive, Monroe, MI 48161. Arranged by Frank Merrill

Feb 28 WHND-568 Monroe, MI 8238-8338, Big Band and March Music. Write to same Monday person and address as above. Arranged by Frederick Vobbe & Frank.

- |                |                            |                    |
|----------------|----------------------------|--------------------|
| 2....AM Switch | 12....Stn Profile          | 19....MUSINGS      |
| 3....DDXD      | 13....Unreported Stns      | 22....NRC HAM List |
| 7....IDXD      | 14....The 'Bob Flick' Loop | 24....NRC Facts!   |

**THE WORLD'S OLDEST AND LARGEST ALL MEDIUM-WAVE DX CLUB**

## AM SWITCH

JERRY STARR  
c/o WSRD RADIO  
401 N. BLAINE AVENUE  
YOUNGSTOWN, OHIO 44505

## CALL LETTER APPLICATIONS

## Present call:

690 KTCR MN Minneapolis  
760 \*New MA Leicester  
860 WKKO FL Cocoa  
1190 KEZY CA Anaheim  
1340 KBBL TX Lubbock  
1470 KSEM WA Moses Lake  
1560 WBOL TN Bolivar

## Seeks:

KTWN  
WVNE  
WJZX  
KNWZ  
KFMX  
KBSN  
WJDS

## CALL LETTER GRANTS

## Old call:

540 \*New CA Hesperia  
860 WAVE MD Baltimore  
1170 WGZS WI Waupun  
1250 KOKY AR Little Rock  
1390 WADA NC Shelby  
1400 KKBZ CA Santa Paula  
1410 WUNI AL Mobile  
\*New NY South Glens Falls  
1460 WPVL OH Painesville

## New call:

KKAR  
WBGR  
WLKE  
KLAZ  
WCCS  
KKAP  
WMML  
WGFN  
WQLS

## APPLICATIONS FOR NEW STATIONS

None

## GRANTS FOR NEW STATIONS

750 PA Olyphant: 2500 D1  
1310 AL Priceville: 1000 D1

## APPLICATIONS FROM EXISTING FACILITIES

940 WKGM VA Smithfield: add 5000 nights, U4  
1080 KRPX UT Price: power to 10000 (5000 CH)  
1360 KRVV CO Vail: to 610 kHz  
1380 KYJC OR Medford: power to 5000  
1540 KHND ND Harvey: to 1470 kHz with 1000 D1

## GRANTS TO EXISTING FACILITIES

None

## OTHERNESS

870 WI DePere: DENIED application for new station

Allforthis time,

*Jerry & BKF*  
Jerry Starr & Buffalo K. Fooman

**WOSU**

The Ohio State University  
Public Broadcasting Stations  
John H. Battison  
WOSU AM-FM-TV  
2400 Orientangy River Road  
Columbus, Ohio 43210

**KLPM**  
*Radio*  
P. O. BOX 10  
MINOT, NORTH DAKOTA  
58701

Dear Friend

I am writing in behalf of my sister, Martha Brauner.

Martha suffered a stroke December 9, and has been in the hospital and is now at a health care facility, Scenery Hill Manor, R. D. #5, Indiana, Pennsylvania 15701.

Her illness has affected her speech but little else. She is receiving physical and speech therapy and is responding well. We are hoping that she will recover enough to go back home by summer, but time alone will give us this answer.

(Received via ERC)

Martha's brother,

*Charles H. Miller*

Charles H. Miller  
R.D. #1 - Box #94  
Snicksburg, PA - 16256

DOMESTIC  
DX DIGEST

DAVE SCHMIDT  
42 CHELWYNNE RD.  
CASTLE HILLS  
NEW CASTLE, DE 19720

Here is the official NRC column which is almost as exciting as the DX contributions from Russ Edmunds! When sending your items in, please use one side of the paper only, type of neatly write, skip a line between items, EST, and all that jazz. Here we go again:



**WNRK-AM**

1280 - Newark, Delaware

## SPECIAL:

- 560 KSFO CA SAN FRANCISCO - Now off MM 0300-0800, no longer NSP! (BH-WA)  
660 CFFR AB CALGARY - First noted at sunset 1/12 and heard each sunset since w/Adult Contemporary music and "CFR" slogan, gone at switch to nite pattern. (WCM-ND)....New station now on air, noted 1/12 2130 good and alone w/ID's/slogan as "66 CFR" and "Calgary's Fresh Radio" and "Calgary's Fine Radio", does not use full CFFR call. Good anytime w/blend of pop/Top 40 music. (BH-WA)....1/18 0245-0300 rock music, 66 CFR ID's, request #, fair signal vs het. (NZ-WZ)
- 700 KGRV OR WINSTON - 12/30 1938 ID into Christian music, xint completely o/KPAM. Not heard since so likely not on reg. sked yet. (NH)  
740 KTOX ID BOISE - 12/18 1732 quick ID in tele-talk show, poor but alone, "Newstalk 74", still hasn't moved to 730. (BH-WA)
- 860 CFFR BC PRINCE RUPERT - 1/15 0825 non stop classical and French songs, s/on 0858 w/Oh Canada and full data w/info on AM & FM repeaters, 0900 CBC news and programs // CBU-690, anc'd 10kw power. This plus strength contradicts Update of 1/28 they're running 2500 watts nite, loud and best ever on former rare catch, don't confuse this with CBFK2 or CJBK. (BH-WA)
- 960 KALE WA RICHLAND-PASCO-KENNEWICK - 1/16 2300 correct your NRC log, ID now mentions all 3 cities, still pop music, NBC news, very strong w/KLAD nulled, CFAC weak. (BH-WA)
- CFAC AB CALGARY - 1/16 2359:45 now ID's w/CPHC "High Country Radio" 1340 Banff and 1450 Cammore, relays must now be on. Format of CFAC is now 100% CW. (BH-WA)
- 1210 KASY WA AUBURN - 1/8 1000 ex-1220 ID into regional/national news, very good w/some CKDA-1220 splash, pop music, many "Casey 1210" mentions, sked now 18 hours, soon to be 24 hours per anct. on station. (BH-WA)
- 1260 KOIT CA SAN FRANCISCO - 12/13 0317 noted w/BPL music format, co-owned w/FM 96.5, ex-KYA. (BH-WA)
- 1320 WDER NH DERRY - Per call to station, power is 5000/1000 U4, add. is Box 465, Derry, NH 03038. (JS-OH)
- 1410 WMML AL MOBILE - 1/15 1808 good w/CW music, "14 MML" ID's, ex-WUNI. (RK-IL) Call letter meaning time, folks...calls stand for owner of station...."MMMel Tillis"! Would I kid you? (DS) Wonder if the "WUNI Bird" goes w/the old calls? (DS)

## FREQ. CHECKS:

3rd Mon-1340 KPOK, KYCN, KSIL, KXPO....not heard, 1/16 per new list. (WCM-ND)

## DX TESTS:

## KWOS RADIO

*W.D.?*

- 890 KBYE OK \*Tried for, not heard. (BH and NH-WA)  
1580 WBGB FL \*0110-0140 oldies, mentions of calls from Knitter, UNID'ed DX'er from Cape Cod complaining about WLIM, Malicky, said would verify for a report and a SASE or stamp. (MAP-AL)...Welcome back!(DS)  
\*0129-0208 weak w/Big Band Music mostly u/CBJ TT, called and thanked them for test. (JB-NY)  
\*0118-0201 w/big band and 40's/50's vocals, mentioned calls from Knitter, someone from Canada after CBJ's s/off, and a guy named Schmidt from Delaware! Interference from UNID'ed TT and UNID Spanish, who are they? (JK-MD) See what happened when you left DX'ing? CBJ is the TT, runs AN....actually it's a test run of the CBC's future AN show! Spanish is a Mexican.(DS)  
\*0129 fair-poor w/big band music and ID's, u/CBJ TT. (RK-IL)  
\*0145-0157 fair/good on test w/standards, many ID's. (DS-DE)  
\*Yes! (WIZ-CT)



## MIDDAY - MIDNITE:

- 540 WLIX NY BAYSHORE-ISLIP - 1/15 1759 incredibly strong o/CJBS on PSSA power w/full data s/off, sure sounded like a lot more than 250 watts. (JB-NY) Like WAJE's 17.6 watts. (DS)  
550 CHNO ON SUDBURY - 1/14 1613 very strong o/WGR w/rock music and N-0 55 slogan. (JB-NY)

**WYNN**

4

550 CFNB NB FREDERICTON - 1/11 2030-2100 u/WGNG w/nockey game, ads. (TF-CT)  
 CFJC BC KAMLOOPS - 1/15 2001-2009 regional news, weather, ads, "JC 55" ID by female, into sports. (NH-WA)

560 KSD MO ST LOUIS - 1/4 2235 woman anc'r w/clear ID in mess. (NAP-AL)  
 WGAN ME PORTLAND - 1/13 1756 popped in long enough to catch an ID between selections. (JB-NY)  
 WFRB MD FROSTBURG - 1/14 1206 good w/local news in CFOS null during xlt daytime conditions! (JB-NY)  
 WHBQ TN MEMPHIS - 1/12 1810 xlt w/weather on "WHBQ News Talk" and promo for 24 hour news-talk format. (JB-NY)

570 CFOS ON OWEN SOUND - 1/16 1650 ID's for CFOS/CF??, pop music. (PS-CT)  
 KLUB UT SALT LAKE CITY - 1/15 2021 Radio 57 ID, into instr. music, fair w/KVI null. (NH-WA)

580 CKXR BC SALMON ARM - 1/15 2000 song by Abba followed by ID into local ad, very good signal. (NH-WA) Very good! (DS)  
 WHP PA HARRISBURG - 1/14 1654 female anc'r w/ID and ads, weak at tune in and soon faded. (DCF-NY) Signal strength here can be put in two words...good grief! (DS)

590 CKRS PQ JONQUIERE - 1/14 1708 good in CKEY null w/rock music. (JB-NY)  
 600 WCAO MD BALTIMORE - 1/14 1658 weak w/ID, CW music. (DCF-NY) (JB-NY)  
 WSJS NC WINSTON-SALEM - 12/30 1720 on top w/airborne traffic report.  
 WREC TN MEMPHIS - 1/12 1759 good w/ID, mention of MYL and then a traffic report. (JB-NY)

CFCH ON NORTH BAY - 1/8 1650 very strong and all alone w/ad, ID. (JB-NY)  
 610 WIP PA PHILADELPHIA - 1/14 1705 fair in CKTB null w/female anc'r, news and MoR music. (DCF-NY)

640 WMSO TN COLLIERVILLE - 1/12 1808 strong w/ID and talk of city of Angels contest w/winner getting trip to LA, "The Christian Alternative" slogan. (JB-NY)

680 CKGB ON TIMMINS - 1/8 1655 good in CPTR null w/rock music and local sports results. (JB-NY) Yeah, but what's a henweigh? (DS)

730 WLOR GA THOMASVILLE - 1/8 1732 CW music, weather tape, promo for concert by "The Southern Rebels", weak. (TF-CT) Well known!

750 WPXX VA ALEXANDRIA - 1/7 1700 good w/ID and "Kicks Country" slogan. (JB)  
 WHBB NH PORTSMOUTH - 1/14 1623 good w/area newspaper ad. (JB-NY)  
 KBRR MT POLSON - 1/13 1851-1901 w/CW music, "750 Montana Country" slogan, AP news, 1st time signal topped WSB. (WCM-MD) (TF-CT)

780 WCKB NC DUNN - 1/15 1722 rock music, ID, faded and lost to WABC splash.  
 WBBO NC FOREST CITY - 1/15 1724 s/off w/mention of area's best country music, invite to tune in FM at 93.3, off w/no SSB. (TF-CT)

810 WCKG KY JACKSON - 1/7 1711 good w/ID and local ad. (JB-NY)  
 WMTS TN MURFREESBORO - 1/7 1801 just came in long enough to catch ID at tail end of s/off. (JB-NY)

850 WOZO NY PENN YAN - 1/13 1800 noted on PSSA w/full data s/off, uses slogan 85-Z. (JB-NY)...1/14 1632-1655 rock music, ID's as 85-Z "Your Music Connection". (TF-CT)

CKVL PQ VERDUN - 1/14 1602-1630 CW and English/French music, no sign of usual WHDH. (TF-CT) Took a powder... (DS)

870 KAAAN MO NEW HAMPTON - 1/17 1415-1450 w/CW music, Regional Radio slogan, Farm Market reports and music sounds automated. (NZ-NE)

910 WAVL PA APOLLO - 1/15 1705 xlt w/local/regional news being read by a slow talking newsmen. (JB-NY) Might've been drugs, too! (DS)

920 WOKY WI MILWAUKEE - 1/14 1644 good w/what sounded to be like a promo for a Lawrence Welk radio program. (JB-NY) JM's favorite! (DS)

960 WHYL PA CARLISLE - 1/15 1700 noted w/dual AM-FM ID in what sounded to be their s/off. (JB-NY) It was one or the other-hi! (DS)

970 WAVG KY LOUISVILLE - 12/30 1731 good w/"Wave 970" slogan and mention of 50th anniversary of broadcasting. (JB-NY)

990 WNYR NY ROCHESTER - 1/12 2210-2235 CW music, ID's as "Country Air 24 hours a day". (TF-CT)

1010 WGUN GA ATLANTA - 1/4 1745 xlt on car radio w/ID, EZL music. (JK-MD)  
 1080 CKSA AB LLOYDMINSTER - 1/15 1728-1738 w/MoR music, ID, strong. (WCM-MD)  
 1090 WXBK AL ALBERTVILLE - 1/15 1756 fair thru KAAAY w/s/off at a very strange time. (RK-IL) Figures you'd notice it-hi! (DS)

1130 WASP PA BROWNSVILLE - 1/15 1715 good w/s/off after canned Armed Forces CW music show, no sign of WNEW. (DS-DE)

1140 CKXL AB CALGARY - 1/13 1746-1751 o/KSOO w/rock music, XL slogan, promo for live broadcast from Hawaii on 1/20. (WCM-MD) JTA again?  
 1180 KOPI MT KAUSPELL - 12/10 1835 w/weather, CW music, good but faded to WHAM and VOA. (REO-MO)

1230 WALI MD CUMBERLAND - 1/9 2135 finally caught this elusive one w/ID and sports, ex-WCMD/WCUM, leave WTBO-1450 to complete MD. (JK-MD) I believe WTBO has a 1 AM s/off on KM's, if that'll help. (DS)

1250 KWSU WA PULLMAN - 1/15 1958-2001 w/ID w/mention of 8 PM translators between educational programs, weak but readable. (WCM-MD)

1310 WNAE PA WARREN - 1/16 1700 way u/w/ID into local news. (PS-CT) Under what? A jar of peanut butter? A blanket? Golf ball? (DS)

WMTS

1320 KXYZ TX HOUSTON - 1/12 2004 "Radio Trece" slogan noted between English rock songs, poor u/KBUG w/CHQM null, local KXRO off, very rare here, last heard 11/24/75! (NH-WA)

1340 KXTC ID NAMPA - 12/31 1955-1959 w/rockish music, Happy New Year wish for Boise Valley, ID, fair/poor w/KXRO-1320 splash, noted after 2200 w/Spanish programming! (NH-WA)

KDEN CO DENVER - 1/11 1859-1901 w/headlines, weather, NBC news on the hour, stay atop long enough for report. (WCM-MD)

1380 WMPS TN MILLINGTON - 1/15 1805 poor w/ID. (RK-IL)  
 1390 CJCY AB MEDICINE HAT - 1/12 1747-1755 w/rock music, ads, and report on injured dog being found. (WCM-MD) Big time stuff! (DS)

1440 WPTQ MA WORCESSTER - 1/15 2200 ending spanish program w/ID into news, so much for using this station as an auroral indicator! (WHA)

WNPV PA LANSDALE - 1/13 1734 good w/weather, ID, o/WRRD. (JB-NY)  
 1450 CFJR ON BROCKVILLE - 1/16 1744 atop w/Canadian news, weather, local ad, pretty sure they mentioned all news. (PS-CT)

1470 WLAM ME LEWISTON - 1/11 2023 rock music, ads, not heard often. (TF-CT)  
 1480 WBTS AL BRIDGEPORT - 1/12 1800 clear s/off anc't on car radio, logged back in '71 on test broadcast. (JK-MD) They used to have a regular early AM f/c that was always in the clear here. (DS)

1490 WDLG NY PORT JERVIS - 1/15 1619 above the din just long enough to catch an ID then faded down. (JB-NY)

WMRF PA LEWISTOWN - 1/15 1621 good w/ad, weather, rock music. (JB-NY)  
 1540 WYNC NC YANCEYVILLE - 1/15 1731 xlt w/full data s/off, gave Roxboro address in s/off. (JB-NY)

1580 WAJB PA EBENSBURG - 1/14 1715-1735 Mutual Lifestyle news, rock oldies, in alone. (TF-CT)...1/14 1728 mostly good w/ID "The Best Oldies Station". (PS-CT) 17.6 watts hard at work! (DS)  
 1590 WJRO MD GLEN BURNIE - 1/15 way o/all w/ID at 1748 into EZL music. (JB)

MIDNITE - MIDDAY:

560 WFIL PA PHILADELPHIA - 1/16 0310 noted off again this AM leaving WQAM/WHBQ/UNID w/EZL/BFL music, who dat? (DS-DE)

570 CKWL BC WILLIAMS LAKE - 1/15 0630-0700 Billy Joel special, ID into news, o/u KVI's Larry King, call noted in KVI ID. (BH-WA)

590 CKEY ON TORONTO - 1/16 0400-0404 local news, sports and computer weather, good thru WEBL. (BC-RI)

600 WTAC MI FLINT - 1/14 0119 good w/ID after playing "Take This Job and Shove It." (JB-NY) OK....where? (DS)

KOGO CA SAN DIEGO - 1/15 0328 fair o/WREC/WCAO/WICC/KJSB briefly w/Larry King and ID. (RK-IL)

620 WTMJ WI MILWAUKEE - 1/16 0340-0347 very weak w/Talk, ID w/local weather report, wasn't easy in WSKQ null. (BC-RI)

670 \*UNID 1/15 0300-0303 TT noted in WMAQ null, definite NW bearing, w/Cuban under, does KBOI do testing at this time? (REO-MO) Never seen any reports on any KBOI tests here. (DS)

730 WPIT PA PITTSBURGH - 1/14 1030 good o/CKAC w/ID after Radio Bible class program. (JB-NY)

830 \*WCCO MN MINNEAPOLIS - 1/15 0254-0256 noted w/loud TT then off, carrier and all, UNID noted in background. (REO-MO)

920 WMSL FL MELBOURNE - 1/9 0552 briefly atop regular WHJJ w/ID. (TF-CT)  
 930 WREB MA HOLYOKE - 1/9 0605-0630 o/u WPAT/WBEN w/info block, horoscopes, etc., never heard in past! (TF-CT) No comment-hi! (DS)

960 WPCN PA MT. POCONO - 1/9 0640 sports, ID and music way o/WEBL. (TF-CT)  
 1030 \*WBZ MA BOSTON - 1/16 0314 noted off this AM leaving just the Cuban, nothing in Cuban null. (DS-DE)

1110 WBT NC CHARLOTTE - 1/15 0205 noted w/start of AT40 program, goodbye SM silent period? (DS-DE)

1130 \*WDGY MN MINNEAPOLIS - 1/15 0242-0246 w/Pop test, full freq. sweeps plus steady tone, xlt w/KWKH under. (REO-MO)

1160 WKCM KY HAWESVILLE - 1/16 0502 fair in KSL null w/news, weather and PSA, WJJD was off. (RK-IL)

1170 WJCC MA NORFOLK - 1/2 1114 o/WVVA/WBRW w/local news, ID. (JK-MD)  
 1190 KRDS AZ TOLLESON - 1/9 0141 fair o/WOVO at times w/talk show. (RK-IL)  
 1220 CJOC AB LETHBRIDGE - 1/9 0101 presumed the one here w/news and MST time check during WGAR silen period, fair u/CJRB, not needed. (RK)

1230 \*KHAS NE HASTINGS - 1/14 0210-0239 ET w/TT and OC, ID mentioned "Test from transmitter site". (NZ-NE)

1270 WORL FL ORLANDO - 1/16 0319 very strong in WXYZ null w/B/Sol/Disco music, getting to be a pest! (DS-DE)

1290 WHIO OH DAYTON - 1/13 0345 noted w/3 ID's in a minutes time, noted on portable at work. (NAP-AL) Sure beats sleepin'-hi! (DS)

1430 CJXX AB GRANDE PRAIRIE - 1/16 0602 w/ID then non stop CW music for next half hour, fair mixing w/CJCL, KARM null. (BH-WA)

CJCL ON TORONTO - 1/16 0634 ending sports, mention of Sportline, ad, weather, fair but clear o/CJXX, KARM null, last heard as CKFH! (BH-WA) Nice catch, Bill! (DS)

WTAD  
 QUINCY, ILLINOIS

WVWZ

- 1430 CJCL ON TORONTO - 1/14 0135 w/Mail order record ad, Weather Update, first time since CKFH days. (NZ-NZ)
- 1450 WPSA VT BRATTLEBORO - 1/16 0458 detailed s/on w/mention of WMMJ-FM, caught right before s/on of local WKRI. (BC-RI)
- 1470 \*WMGZ PA FARRELL - 1/16 noted off again this AM, sure hope this becomes a regular thing! (JS-OH) Yean, but it helps if you mention what you hear when they're off, right? (DS)
- 1520 \*WKBW NY BUFFALO - 1/16 0145 noted off, TT on/off, KOMA/WVOI noted w/carrier o/f, back to reg. sked 0327. (DS-DE)
- \*WCHE PA WEST CHESTER - 1/16 0000-0206 w/ET, f/c, many ID's w/rock oldies/disco/big band music, pulse tones, requesting calls, signal xint at studio! (DS-DE)
- 1550 \*WNIN MA NEWTON - 1/16 0148-0157 melting the S meter w/an ET consisting of "new music", ID. (WHA-NY) An S meter is about \$10..cheap! 1/16 0317 someone here w/Pop, various TT, looping west. (DS)
- \*UNID MONTREAL - 1/16 0120 noted off leaving XSERF, check back 0340 revealed loud 1 khz tone. (WHA-NY) Another WABC spur-hi! (DS)
- 1580 \*WLM NY PATCHOGUE - 1/15 0106 xint on ET w/ID during Johnny Rivers song. (JB-NY)....1/15 0011 testing w/music and stating 10 kw during ID. (JK-MD)....1/15 0000 noted on ET w/oldies/standards and long ID at 0015, good signal. May have been on BEPORE midnite? (DS-DE)
- 1590 KBBQ CA VENTURA - 1/16 0425 good briefly w/pop oldie type music, ID as "Music Radio 16, KBB." (RK-IL)
- 1600 \*WNST WV MILTON - 12/31 0212 good on ET w/CW music, anc'r felt that it was necessary to say "if the FCC is listening, this is legit". (JB-NY)

PIRATES:

- 1620 WDX 1/6 0029-0116 good signal w/many calls put on air (including me) w/music, flaunting the FCC by playing "Who's Afraid of the Big Bad Wolf", anc'r NYC phone # and Moorehead, MN address, any idea on this guy's location? (JK-MD) NYC likely. Did you hear the call from the FCC monitoring station from Belfast, Maine? "We have some equipment you'd be interested in seeing" the man says-hi! I don't think I'd be interested! (DS)

**wire**  
Radio 1430

HELP DEPT.:

BILL MOSER reports the PO returned his report to KNOR-1400 Norman, OK., anyone have a current address?

RANDUMBS:

Welcome to DAVE FOLTMAN and RICK OVERMAN, first time reporters, I do believe. And a LONG TIME, NO HEAR from NEAL PERDUE, welcome back to the planet earth!

A couple of things to keep in mind, since TONY FITZHERBERT has started the formats column, we will forward any reports which contain only info on format changes to Tony. We will include format changes ONLY if there is a call letter change, more or less as a confirmation to info from AM SWITCH.

OUR GANG:

NZ-NE/Neil Zank, Lincoln, NE/HQ180A, RF2600  
 REO-MO/Rick Overman, Florissant, MO/Superadio  
 BH-WA/Bill Hardy, Aberdeen, WA/FRG7, SM1  
 NH-WA/Nancy Hardy, Aberdeen, WA/FRG7, SM1  
 DCP-NY/Dave Foltman, Brookport, NY/Superadio II  
 RK-IL/Robert Kramer, Chicago, IL/R1000, HQ140X, Various Loops  
 PS-CT/Paul Stephan, Old Greenwich, CT/IC R70, SM2, LW  
 JK-MD/Joe Kureth, Uniontown, MD/SX43, SM1  
 TF-CT/Tony Fitzherbert, Fairfield, CT/ICP55W, ICF2900  
 BC-RI/Bruce Conti, W Warwick, RI/DX400, TRF, SM2, Loop  
 WHA-NY/Bill Andres, Richmond Hill, NY/HA600, Acoustic NRC Loop  
 JB-NY/Jerry Bond, Rochester, NY/HQ140XA, Loop  
 NAP-AL/Neal Perdue, Palkville, AL/R390A, RF2900, Kolwalski Loop, LW  
 WCM-ND/Bill Moser, Wishek, ND/Zenith K731, Loop  
 JS-OH/Jerry Starr, Hubbard, OH/HQ180A, HQ180, SM2  
 DS-DE/You expected Mike Knitter?/HQ180A, SM2, Superadio, Short Longwire

As a final parting word, thanks to the inventor of WHITE OUT! 73's-Good DX!



**WORT**

forgettable

1470  
WSAN

# INTERNATIONAL DX DIGEST

CHUCK HUTTON  
1035 LATHAM ROAD  
DECATUR, GA 30033  
(404) 633-1198  
BEFORE 2300 ELT

Times are GMT. For ELT subtract 5 hours. Deadlines are usually Monday

- 173 USSR Syktyvkar etc. 12/28 1424 female with interview type talk, // 236 Arkhangelsk, 2b3 Moscow. (Vernon)
- 182 USSR Petropavlovsk 12/25 1151 male and female w/probably a play // 236, both fair. (B. Vernon)
- 263 USSR Moscow 12/28 1426 guitar mx then snncrs, xint signal // 236 and 173 both fair. (Vernon)
- 530 COSTA RICA Cartago TIGAL good w/slow LA mx on Beverage, almost nothing on loop, "esta es Humbo" ID 0300 12/28. (Kaz-RI)
- 550 HAWAII KMVI Maui 12/29 072 female and male snncrs, JJ talk, Maui address given, local-like sig o/KENI and CBC splash. (Vernon)
- 600 VENEZUELA Cusma YVQB in w/WICC w/Rumbos doorbell chimes in SS mx ment Ven. 0236 1/7. This is the best LA on the channel here at least half the time. (Kaz-ME)
- 620 BRAZIL Fortaleza presumed the one stop ss is commonly noted on AU nights w/PP song 2342 12/31. (Kaz-ME)
- 630\*\*\*\*COOK ISLANDS Rarstonga ZK1ZC 12/29 clear freq, bit of Hawaii type mx and woman with unid talk, signal improved 0030 w/"Now is the hour" music and female with s/off, native mx followed, believe enthem. First time here, never thought this would make it, Santa was kind again this year. Report sent. (Vernon) Why don't you just log all the countries in the world this year and get it over with???? CH GABON fair with man gambling on in Afro vernacular 2237-2239 12/22. (Kaz)
- 655 EL SALVADOR San Salvador YSS good on Beverage w/nice instrumental mx and only a little sloop from WMS which on ordinary antenna is a crushing slobber, 0240 12/26. (Kaz-RI)
- 657 EAST GERMANY BR Neubrandenberg 12/28 0253 silent movie type piano mx, weak // 693, 999. (Vernon)
- 680 UNID w/ and u/WRKO 2E10 12/27; sounded like a Cuban type woman snncr going on and on in SS but no // found. (Kaz-RI)
- 700 VENEZUELA Mercedes R. Popular xint w/ID after several local sds 2347 12/31. Many YV's in superbly tonight. (Kaz)
- 711 UNID 12/30 0200 female w/AA type talk, Libys noted here before. (BV)
- 720 PORTUGAL very good w/LA QRM, o/WGN // 666 w/nice light instrumental mx 0137 12/23. (Kaz)
- 740 BRAZIL Salvador presumed w/PP man giving soccer scores vrierly good 2335-2337 12/31. YVNC took over later. (Kaz-ME)
- 765 USSR Medvezhyegorsk 12/25 0b01 female then male w/RR talk, good signal. (Vernon)
- 774 FIJI Suva 12/29 0726 male with talk about Soviet leaders health, xint signal. (Vernon)
- 783 EAST GERMANY Burg good-very good w/flutter fades w/GG man talking 0139-0147 12/23; who's the one on 782 creating a net? (Kaz) I thought Syria but keep reading.....CH
- 783t SYRIA Tartus 12/25 1712 male w/AA singing, fair sig. (Vernon)
- 792 UNID TA w/pips (several w/the last prolonged) 0230 12/29 u/s powerful signal from the Spanish pest w/pop mx at the time. (Kaz-ME)
- 801 WEST GERMANY BR Muncnen 12/26 0120 Besties record // 936, etc. ARD with fair sig lately. (Vernon)
- 810 BAHAMAS good o/HJCY w/little WGY (even though non-AU) woman in accented EE w/"Radio Bahamas News" 0302 122/8. (Kaz-RI)
- 810t SCOTLAND synchros presumed with BBC pips u/CJVA w/WGY 0100 and sgin 0200 w/all 6 pips clearly heard through CJVA w/WGY no problem at the time. A quick HJCY fadeup spoiled chances for audio. I presume they were the source of EE MOR hits earlier from 0030-0040 u/CJVA w/WGY at a time when Britain on 882 and 909 were almost local-like. My feelings are that I can log this as definite based on the pips as TP DX'ers have logged stns based on pips alone for years from my observations. Incidentally, I've widely heard Bahamas and have never heard BBC pips on the hour from them. 12/23 in xint TA ex. (Kaz) Editor Scrooge Hutton maintains that it ain't a definite log if it's based on a supposition. If you use conclusions to log a station, it isn't a log in my book!!!! CH
- 819 MOROCCO Rabat peaking to xint w/slow mournful AA chants reducing 820 to a background net. (Kaz-ME)
- 825 PANAMA Mercedes HOR56 up as good as R. Paradise on 4100 foot Beverage at 200 for a few minutes 0236-0238 12/28. Was far u/Paradise on loop. (Kaz-RI)

827 LIBYA Sebne xint in xint (xint! CH) ex w/Al Libya" mentions in AA into AA mx 0149 12/23. (Kaz)

830 MEXICO Navolato XEVQ 0118-0204 very good w/Mexican pop mx, many ads, some repeated including Christmas greetings mentioning XEVQ, many plugs for "Sinlos ochenta y tres" (sin-YAH-loa) which is the Mexican state containing Navolato. Finally s/off 0204. (Hardy)

834 BELIZE Belize City xint and good enough to sloop 830 somewhat 0311 12/28 w/wx, local spots. (Kaz)

835 UNID carrier noted around 0235 12/28-1 thought the HC formerly here had moved per recent reports? Who's this? (Kaz-RI)

840 ALASKA KSDP Sand Point 12/28 1758 male with pre-taped s/on, 1800 KDLU programs, 12/29 0648-0700 local religious programs, 0700 s/off. (Vernon)

845t ECUADOR Ambato HCBA6 should be the carrier 0235 12/28. (Kaz)

846 ITALY HAI Rome 12/28 0304 female with EE mx, 0306 female w/brief II talk and instrumental mx, good w/Greenland QRM from OC, // 900 wavy signal. (Vernon)

848 KIRIBATI TJK1 Tarawa 12/29 0722 male with native talk, xint sig. (Vernon)

854t PERU Lima OAXIA poor audio w/855 Spsin het notvhd 0242 12/28; second best ever heard with WHDR on. I'd only once--very tough here. (Kaz) Once what? CH

855 SPAIN RNE Murcia etc. 12/28 0235 female snnr, rr mx, xint // 7/4 poor, 738 just audible. (Vernon)

860 VENEZUELA San Cristobal YVOL noted u/CHRM w/YV NA at 2203 12/27. YV's play the NA at midnight, 6AM, noon and 6PM local time. (Kaz)

862t ENGLAND R. Wales Weshford 12/28 1626 fair signal, Newport versus Hournmouth soccer game. (Vernon) Atop growl from Canaries which has been dominating channel here due to predominantly semi-AU ex. Very good 2235 12/22, dropped out fast after 0205 as opening ended. (Kaz)

862t SAUDI AHABIA Demman 12/28 2144 female then male w/AA type singing, some TA's in but no other AA stns at the time. Fair signal for a while. (Vernon)

891 TURKEY TRT1 Antalya 12/28 1708 female w/AA singing, fair // 1062. (Vernon)

900 HAWAII Kenui Knu1 12/19 0704 ending mx, good, CJVI nullied, KxW partly nullied. New, formerly logged on 1310. (Hardy)

900 SAUDI ARABIA Al Qurayyat 12/28 1713 male AA singing. (Vernon)

900 USSR Kazakhstan SSH Aina Ata with band mx, male w/CC talk then Peace and Progress IS 12/28 1858. (Vernon) Long way to Aina Ata from the igloo you live in..... Congregations-CH Actually, while it is a long way, you hear plenty of stuff that is that far away. It strikes one as being further away because it is such an unheard station. I doubt it has been heard in NA before-CH

900 USSR Yashkar Ols 12/28 Mayak IS noted 1859 u/Peace and Progress IS and Saudi QRM. (Vernon)

909 ENGLAND BBC Moorside Edge 12/28 1625 Coventry versus Manchester United soccer game, listened to this good signal though faded at times. (Vernon)(You are over here now, you will listen to football and baseball, understand!!!! CH) synchros absolutely local-like 2308-2310 w/EE pgms, BBC mentions, etc. 12/22. (Kaz-ME) Set you could sell tape to Vernon at a good price!! CH

909t IHAQ Hamriyah 12/28 1840 male w/AA singing, wasn't /A 197, poor signal during BHC ride. (B. Vermin)

927 BELGIUM BRT1 Wolvtem 12/27 0513 female w/DD talk, then SS mx, good signal lately. (Vernon) That makes up for its lack of signal here lately-CH

935 UNID weak carrier on super long Beverage around 0235 12/28. Anyone know who's here? (Kaz) You are....CH

936 USSR unid 12/29 1730 Mayak IS // 1009, 1143, Lvov listed w/FS at this time. (Vernon)

936 WEST GERMANY R. Bremen 12/28 0506 clock ticking and rooster, rr version of army trumpet "early call", 0507 male with talk o/this, xint wakeup call, hi. (Vernon)

945 SOLOMON ISLES Gizo 12/29 0901 males with talk about building company, noted 1132 w/end of anthem. (Vernon)

954 JAPAN JOKR Tokyo TBS 12/25 1201 female with talk o/orchestral mx, story of some kind, xint. (Vernon)

954t TURKEY K. Trabazon 12/28 1856 male w/sort of guitar lessons, xint sig. (Vernon)

963 FINLAND Turku 12/28 0354 male w/slow talk o/various instrumental mx, obviously an exercise pgm, 0359 female snnr, 0400 6 pips, last one extended, good clear signal, no sign of Caroline. (Vernon)

963 NORTH SEA R. Caroline 11/24 0111 noted w/old Tony Blackburn tape from 60's Caroline, 12/28 mentioned most interesting recorded report from Florida at 0146, 12/30 1657-1740 AOK mx w/two minytes or nx, 1700 also headlines 1730, noted no ads on Caroline yet. (Vernon)

963t INTERNATIONAL WATERS North Sea almost certainly R. Caroline here as I tuned in just before 0155 s/off to hear tentative ID and talk in what sure sounded like British EE poor-fair strength in some sloop. Listed s/off is either 0155 or 0200 I can't recall which. Dead air (OU) after 0155 12/23. Carrier was cut before I tuned back at 0205. (Kaz)

980 MEXICO Nueva Rosita tentative XENR 12/19 0053 thru KFWS w/"N-R, 980 Kilz" in SS, too much KFWS later for positive ID. (Hardy) Even I would call that positive enough....CH

985t PERU Lima presumed the carrier around 0235 12/28; no audio from this one here yet. (Kaz)

990 AUSTRALIA 4HO Rockhampton 12/29 rr mx, 1052 male with ID and a race result, more rr, also noted 1058 with male 4HO ID then another male with race call remote, poor signal, QRM, new here, report sent. (Vernon)

999 EAST GERMANY BR Weimar etc. 12/28 0248 jazz trumpet mx // 693, fair signal. (Vernon)

1008 AUSTRALIA 4HO Brisbane 12/28 noted as late as 1/21, promo, something in the morning on radio ten, 12/29 xint 1620 spot for Tools and radio Ten SID. (Vernon)

1010t VIETNAM Hanoi 12/25 1305 female with CC talk, 1309 oriental mx then women snnr and bits of mx noted till 1320. Stuck w/this past 1100, bits of EE noted 1340, two male w/talk but could be QRM from a NA stn. (Vernon)

1015 UNID LA w/carrier and then strong enough for mx in sloop 0244 12/28. (Kaz-RI)

1017 TONGA A3Z Nuku'alofa 12/29 0710 Polynesian airline spot then another for South Pacific Airways, female w/weather and news all in EE then mentioned some new jobs available, then probably said the same in native jargon, xint sig. (Vernon)

1017 TURKEY TRT1 Istanbul 12/30 0228 AA mx // 891, 1062. (Vernon)

1026 AUSTRALIA 4MK Mackay 12/29 1107 female w/weather then spot for Mackay fast photo, xint sig. (Vernon) So who would want a quick picture of that place....CH

1026 AUSTRIA Otr Graz-Dobl 12/25 1757 male and female GO snnr, 1800 single gong, then female snnr. (Vernon)

1026 ENGLAND BBC unid 12/25 noted a number of times lately, 0102 end of Radio Two news, mx followed. (Vernon)

1026 USSR Moghilev 12/28 1717 male with RR talk, 1720 male opera type singer, // 1008, noted some male AA type singing 1718 briefly as QRM. (Vernon)

1034t GUINEA BISSAU in the pursuit of this one on old channel I noted rhythmic tribal mx of moderate tempo at 2325 w/WBZ phased and 1035 Portugal reduced by notch filter. Beck again w/up tempo tribal mx and chants 0004-0006 12/21 poor-fair at best. A possible IS on tape repeated several times around 0007 poor and in QRM. Carrier cut tonight was 0009 (was 0007 on 12/16). (Kaz-ME)

1035 NEW ZEALAND Z2B Wellington 12/28 0807 Cricket news then race results // 1008. (Vernon)

1044 MOROCCO Sebba-Aloun in w/tremendous sig (14 dB less than WBZ, which is 10 dB stronger than anything else here) exotic AA chanting and mx 0015 1/1. (Kaz-ME)

1053 MOROCCO/ENGLAND taking turns as dominants 2250-2255 12/22, both good. AA mx and EE snnr after modern instrumental mx respectively. (Kaz)

1053 PHILIPPINES unid 12/28 1502 female snnr then EE rr, 15 04 male and female snnr to 1507, more rr (EE) mx. Also QRM from stn and all EE rr mx. (Vernon) Help Charlie Taylor....CH

1055 COLOMBIA Arauca HJLZ while monitoring this channel expecting a LV del Centro ID from HJFZ I was shocked to hear a clear LV de Cinaruca ID 0250. I checked 4865 and was // 0254 12/28. This was received with no sign of HJFZ. (Kaz-RI)

1060 CUBA Baracos CMMQ xint way on top // much weaker 10/0 0227 12/28. Very common on Beverage in RI, never heard in Maine, typical cx. (Kaz-RI)

1062t PHILIPPINES DZEC Manila 12/28 male snnr, 1500 uneven pips then female snnr, can pick out no ID though recording is quite clear, only thing listed as on. (Vernon) Help call #2 to Charlie Taylor....CH

1062 PORTUGAL Azurara 12/28 0207 male w/PP talk // 1035, both good. (Vernon)

1071 CZECHOSLOVAKIA Prague etc. 12/28 0126 band mx, male singer, 0130 6 pips then IS repeated, male with brief talk and more band mx, xint. (Vernon)

1071 USSR Riga 12/28 0303 USSR anthem, 0304 male and female RR snnr, news sounder, all Program One, good signal. (Vernon)

1088 ANGOLA Luanda in again in semi-au cx w/PP man poor-fair 2317 12/31 netting 1009 and 1090. (Kaz)

1004 USSR Krasnodar 12/28 1812 piano mx, noted also // y10, y3b, 1000, 1020 and 1143, all Program Two, most with good to xint sig. (Vernon)

1045 UNID w/primitive rhythmic LA mx then SS man poor then lost 0225-0226, back again poor 0245 12/28. Many weak little LA splits were poking in w/signals on the 4100 foot Beverage on what was a normal average night using the loop. Any help on this one? (Kaz-RI) I believe this to be an Ecuadorian but I do not know who-CH

1098 MARSHALL ISLES WSZO Majuro 12/29 0958 native singers, 1000 male with ID and 10 o'clock "time for the news", into native talk briefly, then spot for Old Milwaukee-Beer then male with news. (Vernon)

1100 BRAZIL Sao Paulo poor w/ID during Antigua fade on Beverage w/PP R. Globo ID in between songs 0010 1/1. (Kaz-ME)

1106.9 EGYPT Petra has drifted up in freq so that it puts only a low 100 Hz growl on Spain et al 1107: AA woman talk 2210 12/22. (Kaz)

1116t AUSTRALIA 4BC Brisbane 12/29 1046 probably this w/race results and male snnr, noted 1104 w/female snnr and news. (Vernon)

1116 ITALY Bari et al good w/TVI notched w/ll women talk 2219-2221 12/22. The usual Moroccan (poor-fair many nights) no where to be found in cx that favored somewhat higher latitude beatings. (Kaz-ME)

1121 COLOMBIA Cucuta HJTI fair w/notch on 1120 QRM w/lively LA mx and Tonchisa mentioned 0019 12/28. Night on 1121.0 (Kaz-RI)

1125 BELGIUM RTBF1 La Louviere 12/26 0501 female snnr, brief mx then male, all FF, fair sig for short time. (Vernon) A surprise and on past listed s/off w/local pgm 2317-2321 12/22; 2 Or 3 La Louvre mentions, one Belgique mention and two Radiotelevision mentions (one followed by another Belgique) during discussion by man and woman FF snnrs fair-good. Usual WNEW sloop not bad. (Kaz-ME)

1127 COSTA RICA San Jose SS audio then lively mx, woman snnr with H. ??? ID, severe WNEW sloop. Thanks to Gerry Thomas for ID'ing this. I'd noticed that 1124.6 has been gone. 0223 12/28. (Kaz-RI)

1130 BRAZIL an unid Brazilian here to good peaks w/WNEW and a SS LA in au cx 2331-2333 w/PP man talking on 12/31. (Kaz-ME)

1134 INDIA AIR Calcutta 12/25 1711 Hindi type mx, 1729 female snnr, 1730 pips, male detected 1733 w/EE story about protection around Jesus' birthplace. 12/28 1650 male Hindi mx, 1730 very weak pips following Mayak IS QRM, at 1804 male with singular tone talk, 1805 brief Hindi type mx and similar talk, had thought that this went off around 1735 so maybe not. (Vernon)

1142.4 CUBA jammer was really strong on the beverage and its 60 Hz num was hindering reception of 1140 stns at 2240 12/27. (Kaz-RI)

1160t COLOMBIA Bogota HJVA suspected w/two Bogota mentions immediately after a lively HJ song 0013 12/28. (Kaz-RI)

1160 CUBA rne superpower (5 KW 5/8 wave antenna Cuban has been running OC of late. Very strong on HI Beverage 0200 12/28 and goes in Maine 0020 1/1. (Kaz)

1161 UNID 12/28 1014 AA type instrumental mx, poor signal. (Vernon)

1179 SWEDEN Horby 12/28 0501 female w/Scandinavian type talk, during SS stn fade. Poor sig here this season. (Vernon)

1180 BRAZIL showing up here again w/PP fair-good stop the channel 2311 12/31. (Kaz-ME)

1180.9 CUBA jammer for VOA good (but not nearly as strong as 1142.4) and netting WHAM 1180 at 2250 12/27. (Kaz-RI)

1188 WALLIS ISLES Mata-Uru 12/29 0442 male w/FF sounding talk (maybe native accent, not France FF), electronic enhanced drum noise between stories, noted also 0010-0017 w/native mx, fair sig at this time. (Vernon)

1197 AUSTRALIA 4GG Southport 12/29 0857 male w/local TC and TC south of border (NSW), mention of MASH's Hot Lips marriage. (Vernon)

1200 COLOMBIA unid HJ giving prices on pesos, Colombia mention and 2 mentions of "le Costa" most likely HJBJ on the north coast in the area often referred to as "le Costa" 2304 12/27. Cuba took over soon after. (Kaz-RI)

1206 AUSTRALIA 4ur Grafton 12/29 1105 spot for Grafton district services club then female and weather. Good signal. (Vernon)

1206t CHINA unid 12/28 1546 Chinese type guitar mx, female and Oriental singing, xint sig for a while. (Vernon)

1220 BRAZIL Rio de Janeiro fair-good o/SS LA w/2 R. Globo ID's, PP talk 2324 12/31 and xint (1) w/2 PP men speaking 0013 1/3. (Kaz-ME)

1250 UNID LA here in mess 0002 12/28. Cx were not AU but the long Beverage was able to pull some regional LA's through on freqs that were a mess of usual domestics with the loop. (Kaz-RI)

1265 UNID carrier here weakly 0245 12/28. Hskiei has hf audio here and suspects Ecuador. Is anything else here? (Kaz-RI)

1270 UNID LA here 2357 12/27, lost to Reloj and domestics before snncts. (B. Vernon)

1270t AUSTRALIA 3AW Melbourne 12/29 1711 c&w mx, then male talking to another about politicians, fair sig, no ID. (Vernon)

1287 CZECHOSLOVAKIA Litomysl (sounds like a new pharmaceutical product-CH) 12/27 0542 male w/EE talk, arms limitations, 0543 mentioned EE service every morning 0530-0545, reception reports to and skeeds from H. Prans, 0545:6 pips, trumpet IS, man w/SS service, xint sig for once. (Vernon)

1290 VENEZUELA a YV // 1200 YVOZ w/sports event in very good 0107 1/4. (Kaz-ME)

1200 UNID SS LA talk here shocking stop channel about 60% of time w/ another domestic. This is the semi-local PP stn WRCP was fer on top using the loop ss audio 0045 12/28. (Kaz-RI)

1295t SUDAN Sennar presumed the source of the big OC 2201-2204 when cut on 12/22. (Kaz-ME)

1295 UNID carrier-I presume R. Plaza in Nicaragua 12/28. (Kaz-RI) I don't think they have been around in years or at least something happened to their signal-they used to be fair but now what is on the channel is very weak...CH

1296 AUSTRALIA 4BK Brisbane 12/29 male with TC and what's happening in Brisbane, 225-44-44 ID, bailed, good signal at 1041. (Vernon)

1314 AUSTRALIA 4BU Wollongong 12/29 1034 ten ways to stop a thief, then spot for Wollongong skate-away. Usually best Aussie sig here. (BV)

1325 UNID TA here looping approximately 90% poor with mx 2317 12/20, soon lost. A TA was reported here but I can not find it in recneck of my reference material. (Kaz-ME)

1325 FIJI Makireki 12/29 0741 native singing //1206. (Vernon)

1332 AUSTRALIA 4BU sundberg 12/29 1120 ID and TC, male vis phone and rece results, rr mx, good for short time. (Vernon)

1341 AUSTRALIA 2KO Newcastle 12/29 1700 male w/"2-AU" news ID, very bad net. (Vernon)

1341 AUCKLAND IRELAND EBC Lisnagarvey 12/26 0239 Buttons and Bows mx // Radio Two, between 0229 and 0239 Radio Two // noted on 093, 082, 404, 1026, 1450, 1405, 1503 and 1540. (Vernon)

1349 MAURITANIA Nouakchott very good and overwhelming 1350 w/AA mx 2329 12/31. At least a net in here every night. (Kaz-ME)

1360 CUBA H. Ramirez Esq. CMW poor-fair but stop o/domestic which was o/usual pest WDRU on beverage w/SS speech // 1300, 1430, 0023 12/28. (Kaz-RI)

1360 VENEZUELA Maracaibo YVTI was fair-good w/almost no QRM w/"Cata-tumbo Internationel" ID after SS bailed 0134 12/28. WDRU was the strong dominant on the loop. (Kaz-RI)

1360 UNITED KINGDOM BBC unid 12/28 0600 pips, Radio Two news, // 409 etc., was hoping for Manx. (Vernon)

1360 CUBA CMW u/NYC QRM // 1430 2340 12/27. (Kaz-RI)

1360 UNID SS w/sports event under domestics in semi-local WBAK phase null 0103 1/4. I suspect a YV as lots were in sports coverage. (Kaz-ME)

1400 COLOMBIA Berranquilla HJAS in well w/semi-local WIDE w:"universal" ID into SS mx 00025 1/4. (Kaz-ME)

1404 GUINEA Conskry has improved modulation of late; very good to xint w/man in accented FF 0024 1/1. Semi-local WIDE-1400 absolutely no problem. (Kaz-ME)

1404t WESTERN SAMOA 2AP Apia 12/29 rr mx, 0853 male snnr, more rr, 0855 male again, fair signal, but audio not quite readable. (Vernon)

1413 OMAN BBC Masirah Isle 12/28 1741 end of Waveguide w/Liz Francis, then corols, 1/45 chimes, Sports roundup, xint sig. (Vernon)

1413 YUGOSLAVIA Pristina 12/28 band mx, 1/30 big cymbol noise, instrumental mx w/male and female snnrs. (Vernon)

1450t ST. VINCENT presumed to be the stn stop poor-fair in au cx ending R.C.I. Caribbean Magazine pgm and then w/ID as R. Caribbean International 0027-0028 1/4 in EE. faded down but came back a minute later w/ID by EE man and then ID by FF woman then some s/off snnct of which just bits were audible. Followed by an IS on a steel band type instrument; is this the carillon used by Minterrst? This from 0030-0032 audio end or carrier cut. What else but St. Vincent w/EE and FF from the Caribbean but I thought they were K. Antilles and have been heard earlier in the eve recently w/that ID. Maybe R.C.I. is the name of a later program or a very recent slogan change. (Kaz-ME)

1467 SOUTH KOREA HLAN Mogpo KBS 12/28 1611 noted u/Soviet, male w/KK talk o/EE talk about Korean airline disaster, translation I guess, poor signal, readable though. (Vernon)

1467 USSR Moldavian SSR Kishinev 12/28 1610 male w/operatic singing // 1143 Program Two, good. (Vernon)

1476 USSR Lvov 12/28 0459 Mayak IS noted u/DRK Austria. (Vernon)

1481 UNITED ARAB EMIRATES Dubai 12/28 1/41 male w/AA singing, fair sig, some stuff 12/28 1/44. (Vernon)

1503 POLAND Stargard 12/28 1/33 male w.talk about elections in Finland, all EE, still good sig 1751 when all Scandinavian countries mentioned. (Vernon)

# STATION PROFILE

TONY FITZHERBERT  
356 JACKMAN AVENUE  
FAIRFIELD, CT 06430

SAN FRANCISCO

**KFAX**

50000 Watts  
Clear Channel  
1100

ARGONAUT BROADCASTING CO.

We're here for GOD - 24 hours a day!

1470 Pine Street, San Francisco, Ca. 94109

KFAX - 1100 KHZ

One of the United States' most powerful - and most appreciated inspirational formatted stations is the San Francisco Bay Area's KFAX - 1100. Radio 1100 - "We're here for God" serves a spectrum of urban dwellers in San Francisco luxury apartments, Oakland tenements, and the sprawling peninsula developments, and, additionally, reaches wilderness trappers dwelling in log cabins in the ice fog enveloped Alaska wilderness and remote fishermen in coastal Oregon, and British Columbian hamlets. This inspirational clear channel broadcaster's ancestry evolves from the 5 watt hobby of Julius Bruton, a local distributor of Willard Batteries. Bruton's air date was January 3, 1925, on 1280 KHZ. He had strung together 600 volts of batteries, tied into an aerial of four wires hooked together in a "T" shape atop his garage. This device signed on with the call KFUG. On March 27, 1925, he moved to 1270 KHZ, and obtained his desire call sign - KJBS - for "Julius Bruton and Sons". In the chaotic world of early broadcasting, tiny home - developed stations were vying for choice frequencies, and Julius happily obtained 1360 KHZ - operating a couple of hours daily, as did all of his competition. As he acquired experience, he expanded to 9 AM - 4 PM weekday schedule, and an abbreviated 5 PM to 6:30 Sunday broadcast. He also broadcast from 8 PM to 11 PM three evenings a week. Alas, but the records do not tell what was aired in these tender years!

In 1927, KJBS increased its power to 50 watts, and installed a new transmitter, and, on March 1, 1925, power was doubled to 100 watts. Moves to 1070 KHZ and 1220 KHZ sought to avoid interference with other stations and power lines. The general reallocation of frequencies by the government on November 11, 1928 gave KJBS its requested channel of 1100 KHZ, and, with its clear channel, operations were expanded from 11 AM to local sunset, the longest yet unbroken period on the air. Even with 50 watts, the station regularly received reports from Alaska, the Panama Canal Zone, and, even New York!

KJBS emphasized public service. In April, 1925, before San Francisco Fire Department had its own radio net, KJBS volunteered its service to assist the firemen in getting its boats to waterfront fires - much to the delight of its listeners. In July of the same year, KJBS pioneered mobile shortwave transmission, in a remote description of the San Francisco Diamond Jubilee Parade. In December 1929, listeners were further thrilled when KJBS offered its services to the S.F.P.D., as a communications medium to field units. The station equipped police units with receivers which picked up emergency calls broadcast by KJBS - proceeded by a siren! These calls took precedence over regular programs and were a hit with the listeners, until the efficiency of the system convinced the police department to equip its cars with its own network.

In 1930, listeners could enjoy the play by play of military polo games, and, in October 1931, KJBS, during Navy Day, distinguished itself by broadcasting from the U.S. Submarine Base.

On June 1, 1934, the station acquired San Jose's KQW, and through a telephone line hookup, programs were simulcast, and on December 17, KJBS increased its power to 500 watts, and increased its broadcast period from 10 PM through the night to the following sunset. UP news service was purchased, and six daily newscasts were initiated. A memorable broadcast on November 12, 1936 brought the ceremonies opening the S.F. - Oakland Bay Bridge into Bay Area homes. The broadcast began at 10 AM, with the dedication, followed by on the scene descriptions of maritime events - relayed by a portable shortwave transmitter on a boat - to the St. Francis Yacht Club. Other epic 1938's broadcasts were via shortwave from Shanghai and South America.

On February 9, 1937, KJBS moved from its Bush Street quarters to more spacious facilities rented at 1470 Pine Street - home today of successor KFAX. On the ground floor, the station's complete broadcast setup, and transmitter is located. Dominating the scene was a 250 foot self-supporting Bethlehem tower, rising from the sidewalk. Entrance to the station was through the legs of the tower. The top 100 feet of the tower were illuminated by Red neon light strips, making it visible for miles. The complex, used today, includes three separate studios, a production room, and two control booths, in addition to the master control room. In 1945, power was increased to 100 watts.

In 1960, KJBS was bought by the Argonaut Broadcasting Company. Faced by competition from TV, when the radio industry faced the syndrome of specialize or perish, the station adopted an all news format - and changed calls to KFAX - for "K-Facts". In 1961, the FCC authorized KFAX 50 Kw directional power, but night time operation from 10 PM - 3 AM PST, by agreement with WJNE, Cleveland, remained as before. The night ND pattern originated from the Pine Street Tower, and the powerful daytime signal was broadcast from a new 4 tower trapezoidal array across the bay in Hayward. In 1977, the station went full

time with 50 Kw from the Hayward site of the 227 foot guyed towers. The signal could - and still covers the entire Northwest, into Oregon, Washington, British Columbia, and Alaska. This writer remembers hearing KFAX during the frigid Alaska nights, while stationed outside Fairbanks in 1963 and 1964.

As the all news format was not a resounding success, and because of the potential of the powerful signal into sparsely settled wilderness, KFAX took a bold step in 1961 - launching a format new to the radio industry. KFAX became the "Voice of Faith, Hope, and Inspiration", bringing a wide spectrum of religious programs to a grateful audience, much of which could not readily get to church - providing a real service to remote settlers as well as to shut-ins and the devoted, who looked forward daily to hearing their favorite radio preachers. Today this station broadcasts 24 hours of religious programming, and its primary signal reaches an area populated by over 8 million people. KFAX has no network affiliation. The only digression from the religious programs are several newscasts and, on Saturday, from 11 AM to midnight, when a variety of ethnic programs are aired. Well over 100 different religious programs are offered during the week, most on a daily basis. Dedicated KFAX listeners are sent a printed program guide. The most popular program is Dr. McGee's "Through the Bible", heard during the AM drive, and, again, for those who missed it, at 6 PM.

Today KFAX claims thousands of dedicated listeners. Its broadcast facilities are virtually unchanged since 1977 - aside from the demolition of the Pine Street Tower. The station operates with a Harris 50 Kw transmitter and a Collins 1 Kw backup. KFAX is one of the most successful religion formatted stations in the U.S. - and certainly one of the most appreciated, bringing comfort and inspiration to thousands of listeners daily.

The writer is deeply grateful to NRC member Al Tobia, who provided most of the information and who communicated frequently with KFAX for information, as questions occurred. Much gratefulness is also extended to Bill Garrard, Station Manager of KFAX, and to the Engineering Department for its help. The writer remembers KFAX as the first religious station he has heard, while stationed on a remote missile site along the Alaska Highway, South of the North Pole, and recalls that it was a nighttime regular.

## SUMMARY OF UNREPORTED STATIONS through Volume 51 #13, dated January 9, 1984

compiled by Don Keekey

The following chart lists the total number of stations in the USA and Canada and the volume they were last reported as being heard in DX NEWS.

COUNTRY	V51	V50	V49	V48	V47	V46	V45	V44	V43	V42	Prior	Total
CANADA	161	125	44	18	14	9	8	1	2	0	32	414
U.S.A.	1926	1372	545	274	149	85	54	29	37	19	206	4696
TOTAL	2087	1497	589	292	163	94	62	30	39	19	238	5110

New stations reported as having taken to the air during the period between

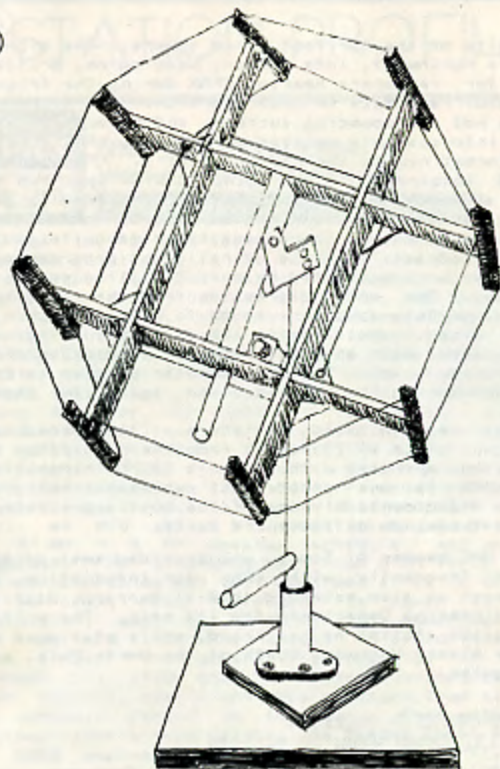
V51 #8 through #13:

640-KGVW-NT (x-630) 770-WKZY-FL  
660-CPPR-AB 1160-WKOU-KY (x-1140)  
740-WRPX-WI 1170-WXAX-JC  
700-KGRV-OR

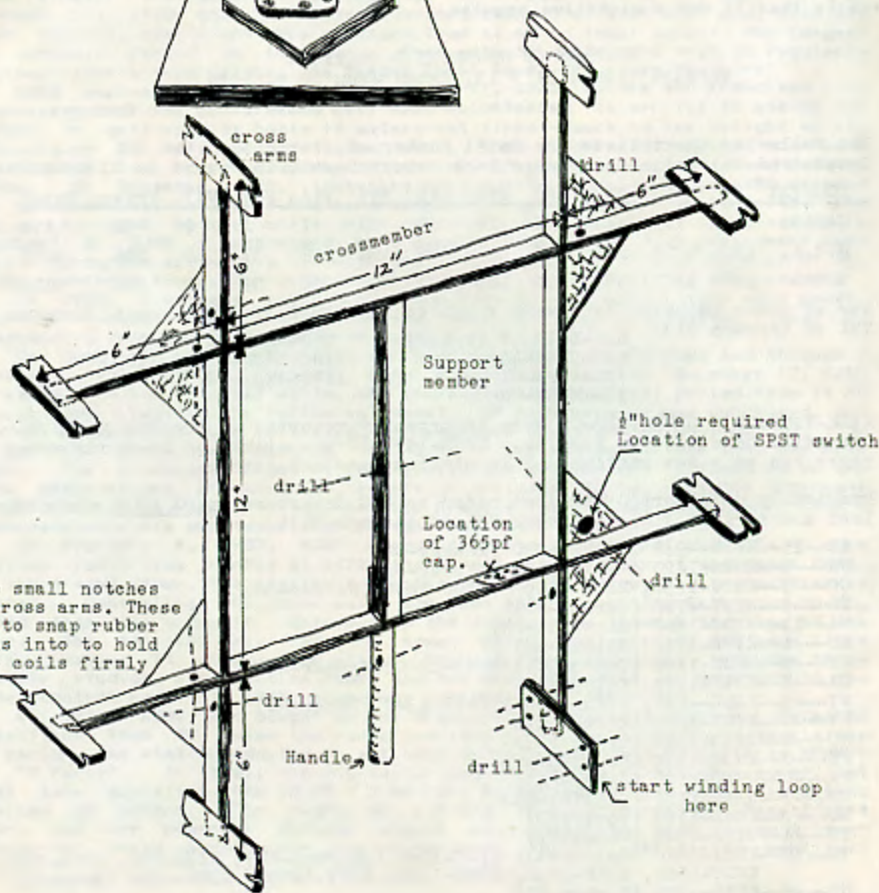
KLLK-1250-CA & CHUR-1110-ON were incorrectly reported as 'On the Air'. They are still Construction Permits. KJBE-1590-ID was picked up in error sever 1 years ago as a new station. This station does not exist.

Previously unreported stations noted by NRC Reporters in DX NEWS since the last update (V51 #10)....Cover V51 #8 through #13:

AZ--15--KPLG--930 & KAPR--930 (Keekey-CA)  
CA--9--KSES-1420 & KOLI-1470 (Keekey-CA)  
CO--5--KSTC-1230, KPTH-1400 & KYOU-1450 (Heinen-CO)  
FL--9--WKZY--770 (Schatz-FL)  
GA--11--WGG-1400 (Channell-ON)  
KS--1--KIUL-1240 (Heinen-CO)  
KY--5--WKCM-1160 (Trux-KY); WKCB-1340 (Kramer-IL)  
LA--8--KDLP-1170 (Nolan-TX)  
MT--5--KGLE--590, KJJR--880 & KATL-1340 (Voser-ND)  
NV--0--KVOV-1280 (Keekey-CA)  
NC--4--WZS-1450 (Francis-TN)  
ND--0--KVEK-1330 (Voser-ND)  
PA--0--WRID-1520 (Geary-PA)  
SC--7--WAX-1170 (Schmidt-DE)  
SD--2--KBPS-1450 (Voser-ND)  
TN--4--WIRJ--740 (Voser-ND)  
TX--36--KSOA-1240 (Nolan-TX); KIJN-1060 (Sherman-ON); KIKL-970, KAIL-990, KCLK-1060, KDLE-1230, KVVG-1280, KONY-1470 & KIKN-1590 (Hale-TX)  
UT--5--KFAI--700 (Keekey-CA)

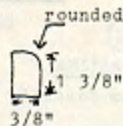
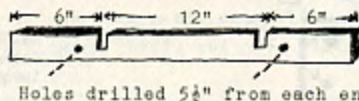


# THE 'BOB FLICK' LOOP

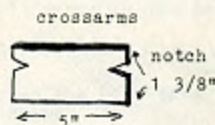


Note small notches in cross arms. These are to snap rubber bands into to hold wire coils firmly

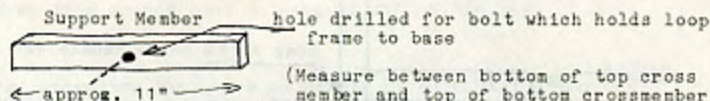
4 pieces from  $1\frac{3}{8} \times \frac{3}{8}$ " molding



8 pieces from  $1\frac{3}{8} \times \frac{1}{4}$ "

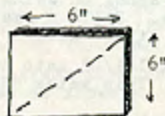


1 piece from  $1\frac{1}{2} \times \frac{3}{4}$ " material



(Measure between bottom of top cross member and top of bottom cross member for exact required length before cutting)

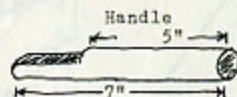
4 pieces masonite triangles



Cut 2- 6x6 squares - then cut diagonally = 4 triangles.

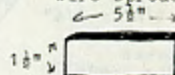
NOTE: 1 piece of triangle require a one-half inch ( $\frac{1}{2}$ ) hole drilled to fit a Radio Shack Single Pole Single Throw (SPST) switch #275-602

1 piece  $\frac{3}{4}$ " dowel (or other sizes will do)



cut flat so will fit well on a flat piece of wood

wire spreaders



4- pieces from  $1\frac{1}{2} \times \frac{1}{8}$ " material. (HINT: they make yard sticks and paint stirrers from this material.) I needed 6 to tighten up my loop wires properly.

## PROCEDURE

1. Cut all parts to length or shape. Sand paper smooth.
2. Notch crossmembers as required. Measure carefully before cutting to get tight fit.
3. Assemble crossmembers. Use 'Elmers White Glue' where surfaces touch.
4. Using  $\frac{1}{8} \times \frac{3}{4}$ " wire brads, nail on and glue masonite triangles.
5. Measure for "Support member" and cut to length. Drill hole for "Support" bolt.
6. Center "Support member" in center of crossmember frame and glue and nail with 1" wire brads.
7. Glue and nail "Handle" to "Support member" using 1" wire brads.
8. Glue and nail "Loop crossarms" to "crossmembers". Extend "Crossarms"  $\frac{1}{8}$ " beyond "crossmembers". Use glue and five  $\frac{1}{8}$ " wire brads to secure to crossmembers.
9. Drill holes (to accommodate #20 stranded/ plastic covered wire) as indicated on drawing.
10. Fill in any cracks with 'sprackling paste'. Let Dry - sandpaper smooth.
11. Paint - if desired.
12. Mount a 365pf Capacitor on the lower cross-member as indicated in the drawing. Hot Glue or Rubber Adhesive will hold the 365pf Capacitor satisfactory.

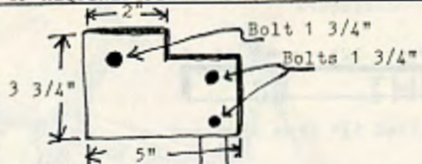
This completes assembly of the loop. Next the Base is constructed following which the loop is wound on the frame. Other miscellaneous wiring is completed to make the loop operational.



16

LOOP HOLDER

Cut from Masonite 3 3/4"

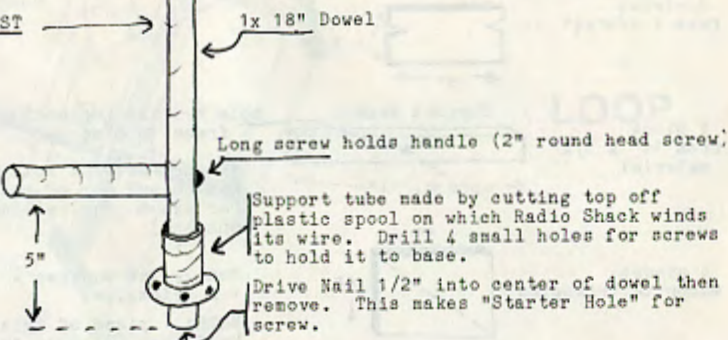


BASE (NOT TO SCALE)  
Some pieces enlarged  
to show detail

POST 1x 18" Dowel

HANDLE

5 1/2" x 3/4" Dowel

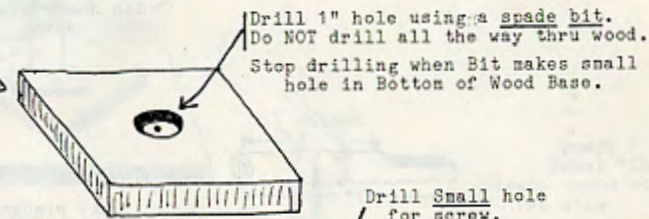


Long screw holds handle (2" round head screw)  
Support tube made by cutting top off plastic spool on which Radio Shack winds its wire. Drill 4 small holes for screws to hold it to base.  
Drive Nail 1/2" into center of dowel then remove. This makes "Starter Hole" for screw.

TOP BASE

Clear Pine wood  
5 1/2" x 5 1/2" x 3/4"

Nail 4 brass tacks  
(the kind with Big Heads)  
into each corner of base.

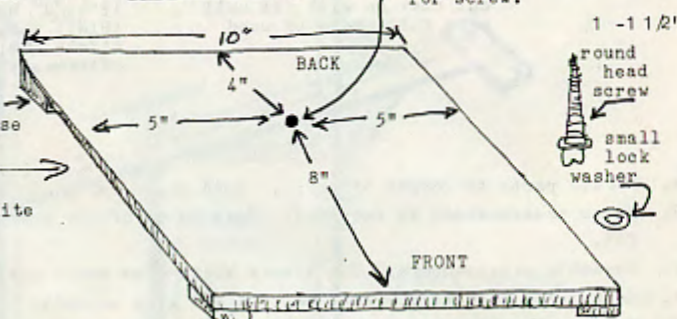


Drill Small hole for screw.

Feet 2" x 2" masonite  
Glued to bottom of Base

BOTTOM BASE

10" x 12" x 3/8" Masonite



DIRECTIONS FOR ASSEMBLING LOOP BASE

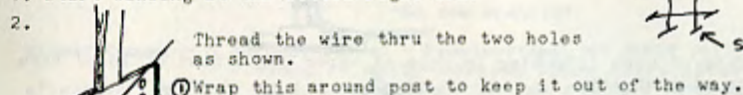
1. Cut the dowel into 16" length. Drive a nail into one end of the dowel - then pull it out. The nail hole will be the guide hole for a screw and this end will be the bottom end of the "post".
  2. Drill Holes to fasten loop holder and handle. Mount these parts on the post.
  3. Slip the plastic support tube on the dowel. (But Do Not bolt to 5 1/2" x 5 1/2" base)
  4. Put glue on end of dowel. Put some glue in the hole of the 5 1/2" x 5 1/2" base. Insert dowel and make sure it does not lean one way or another. Let set until glue hardens.
  5. Paint, if desired, let dry.
  6. Polish the top of the masonite base with liquid or paste floor wax.
  7. Put the lock washer on the 1 1/2" round head screw. Screw thru bottom of 10" x 12" base onto the masonite base.
  8. Now, screw in the 4 screws to hold the plastic support tube to the 5 1/2" x 5 1/2" base.
  9. Attach the loop to the loop holder.
- Next....we will wind the wire on the loop frame.

17

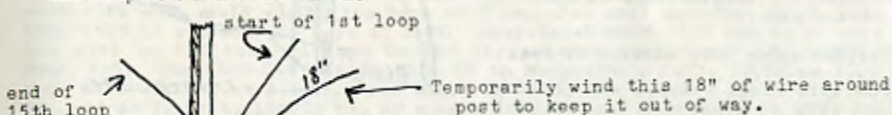
- 2 - Rolls #20 stranded plastic covered wire. Radio Shack #278-1293
- 1 - 3-4 foot length 52 ohm coax cable with PL259 connector
- 1 - single pole single throw (SPST) switch. Radio Shack # 275-602
- 1 - Roll plastic tape
- 8 - small rubber bands

OBJECTIVE: To wind 15 turns on the loop frame. Spaced 3 turns per inch.

1. Start winding at the bottom right arm.

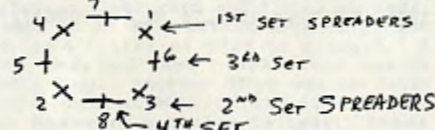


2. Proceed winding, spreading the wires as evenly as possible on the support arms. Do not try to wind the wire too tightly. Modest tension only, is required.
3. When the first roll of wire is finished, temporarily wind the end around a post to keep it from unwinding while applying the 2nd roll of wire to it. Proceed with winding until 15 turns are completed.
4. Now, cut off the excess wire remaining on the roll. Leaving 18" to thread thru the loop arm holes as shown.

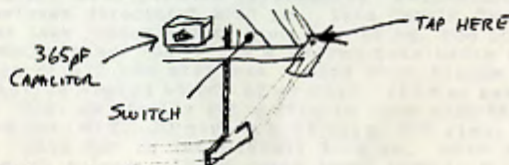


6. Thread the "wire spreaders", weaving them in and out of every other wire. Then snap them upright to hold the wire firmly. 4 wire spreaders will probably be enough. More can be added later, if needed. Continue spreading the loop wires until they are even.

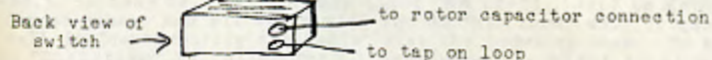
NOTE: Keep the loop symmetrical or - what you do on one side of the loop should be done to the other side.



7. Now, snap on the rubber bands as insurance from one of the loops dropping off the frame. You will hate yourself if you lose a loop while transporting or accidentally knocking the loop over.
8. Twist together the two pieces of 18" wire. Route them to the 365pf capacitor. Temporarily connecting one wire to the capacitor frame; the other to the rotor connection. Less than 18" of wire may be required. If so, cut off and discard excess prior to making capacitor connections.
9. Count off three turns from the back - right of the loop - carefully scraping off plastic insulation. Attach a piece of wire and route to switch.



10. Wire switch as below.

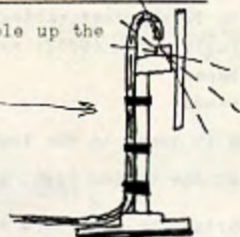


11. There is a possibility that the loop may not tune to 1600 KHz when the switch is closed. If this should happen, reverse the wires attached to the capacitor from and the rotor connection.

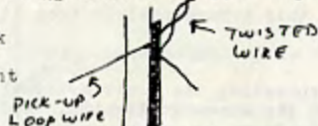
NEXT....we wind the pick-up loop making the loop operational.

1. Route a 3-4 foot length of 52 ohm coax cable up the 16" dowel post securing with tape.

Leave coax to form an arch at the top to allow for loop movement.



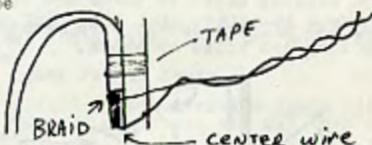
2. Thread a long piece of wire (starting in hole at upper right hand of loop) thru holes drilled for pick up loop.
3. Thread thru all holes then back thru starting hole, twisting wires together to hold them tight to post.



Continue twisting wires for length required to meet coax cable.

4. Secure coax cable to upright post with tape

- A. solder one twisted wire to coax center wire
- B. solder other twisted wire to coax



5. Attach coax to 50 ohm connection of receiver. (This is a low impedance device. Connection to receiver high impedance terminals will result in poor performance)
6. Check to determine if loop will tune to 1600 KHz. If not, reverse capacitor connections as outlined previously.
7. Check all connection to make sure they are soldered.

THIS COMPLETES THE LOOP. GOOD DX'ing.

(LET'S SEE YOUR RESULTS IN A MUSING!!!)

BOB FLICK

## MUSINGS

PAUL SWEARINGEN  
7310 ENSIGN AVENUE  
SUN VALLEY, CA 91352

The opinions expressed in this column are those of the individual members, and do not necessarily reflect those of the editors, publishers or NRC.

(Deadline for #20 - Good grief! #20, already? - is Feb. 11; for #21: Feb. 18. Ernie to enter the hospital, and some technical notes from Dallas ... Lankford, that is...)

\*No new members\*

Ernest Cooper - 5 Anthony Street - Provincetown, MA 02657 (617) 487-9337

Please, no early-morning phone calls after Feb. 27, as that afternoon I go into Mass. General Hospital for a double by-pass operation, to be performed on Leap Year Day, Feb. 29. I should be there 10 days, and out of action for a while thereafter. So my "DX Season" will end with MM 2-27. (And speedy recovery, Ernie. We'll all be praying for a routine operation and a ready-'n'-rarin' Ernie - pls) No veries since last reporting of some. I miss seeing the listing of new members' names and addresses in DX News - or haven't we had any new members in the last several months? Seems like we're operating under more secrecy than the CIA. For all I know, there might be a new member right here on Cape Cod but with no listings of new members, how would I know it? Seems to me a member of any club or fraternity is entitled to know who else are members, and who are joining. Let's get to the DX - or lack of it. Tues. 1-3: WGY-810 was very weakish this AM; ZNS-3 was doing well in their null, unnn here. WR0D-1340 once again was on top here at 2 am, also next morning. Wed. 1-4: Unn WCTC-1450 NJ was top dog here at 2:09. Semi-local WBSM-1420 was on OC only this AM, with an FPC next in line behind it; neither one listed is needed here. Thur. 1-5: Unn WSB-740 was in this AM in Maracaibo's null, 12:58 am ID. WR0D once more with Al nx 1-1:05, then MYL. On 1575, the mystery again with MOR-ish mx, and at 2, talk, likely nx, by a very deep-voiced announcer in what sounded to me like French. Who is this gavone, Gabon? Fri. 1-6: WKWB-1520 was completely off 1:09-2:45 and on, and try as I did, I couldn't pull WVOI, Toledo, which is REL, but at 1:12 what sounded like New Wave mx was noted and at 1:40 he said it was 46 degrees there; I 'sposed this was old friend KOMA. (Perhaps not; they're still c&w mx - pls) Sat. 1-7: Larry King u/local WHUE-1150; of course it Murphied at ID time both at 2 and 3 am. Whose carrier is that jumping WBT-1110 these mornings, CBD's? Sun 1-8: Someone doing a PoP on 1480 today, 1:14-1:23 and then seeming gone, thru WJIT/WLEE. KDKA-1020 was off this Sunday morn; only Margarita, YVRS, was noted. MM 1-9: UnID SS u/WHN-1050 at 12:30 am, strong at times, mentioned "Santa Maria". TT'er on 980 at 12:47, no ID's heard. Then something rather weird on 1060 - one playing light rock and ID'ing as WMJX, Boston, which is an FM call on 103.7, too weak to be WTTP-Natick seemingly, and WTTP is still WTTP as of this morning 1-10, so a letter to WMJX to inquire. A WHFB ID was heard in there also at 1:41 am. And, bad news - WBAL-1090 was AN today, so I guess they too have gone WH (Whole Hog). Another TT'er was on 1260; was this our illustrious DDXD editor fooling around at WNRK? CKLM-1570 was on OC today, and at 2:53 I heard KKLQ ID, unnn, however, but nice to hear. Shows what we could be DX'ing were it not for the AN hogs. That's it - Forward - March!

Bill Hardy - 2301 Pacific Ave. - Aberdeen, WA 98520 PLT

December DX by dateline: Tue. 12-6: CKCQ-920 Quesnel, BC, new and surprising atop at times all evening, despite not hearing their "Radio Cariboo" twins CKWL-570 or unnn CKBX-1240 tonight. This, combined with generally poor propagation to BC, makes me wonder if they left the 10 kw day power on by mistake? Nancy first noted CKCQ around 4:47 pm. I got home from work 5:45 pm to hear sports news, emphasis on NHL and local hockey, "Radio Cariboo" mentioned twice. Ads for both Quesnel (pronounced "kwin-NELL") and Williams Lake in "Quenell business directory" 6:20 pm. Into "World Tomorrow" 6:30 pm. Quesnel vs. Williams Lake junior hockey from 8 to 11 pm. Was in but weakly 12-7 running Vancouver NHL hockey. CKWL-570 Williams Lake badly wanted but too much KVI. Strange that of all the stations I need from Prince George and that wholen Central Interior region of BC, GY'er CKBX-1240 has been logged several times! Sun. 12-11: 3:41 am finally got a firm ID from KJJR-880 ex 1400 Whitefish, MT. Fair to good thru KIXI, DJ giving call sign, MST time, temps for Kalispell and Whitefish. Into ABC nx (Ac maybe?) 3:56 am. KRVN is evidently off Sunday mornings, which helped. 11 am noted local KGHO-1560 giving "Hoquiam-Aberdeen" ID's, which have continued since their change to BFL nx 1-1-84 and also apply to FM-95.3, in case Dr. Elving reads this! MM 12-12: 3:17 am KWUN-1480 Concord, CA decent signal and all alone with top 40 "hit rock" mx. (I can't bring myself to call it "contemporary hit radio" like the industry does. To me, "CHR" oughta mean "Christian" mx, hi!) The DJ mentioned a contest to give away money on KWUN. Next door on 1470, "Music Country Network" fair and all alone, and also uninterrupted with the network PSA's and no local matter till 4 am, then a nice ID from KUTY Palmdale. 12 noon noted KIXI-880 now ID'ing as "Mercer Island-Seattle, A-M 880, serving western Washington" for their hourly legal ID. That ngith, listened to the farewell of KYA-1260 and its change to KOIT and BFL mx; details next time. 73 and good DX.

Greg Ledbetter - Box 953 - Purvis, MS 39475 (pm 1-14; rec'd 1-17)

Greetings all! Locally, notice changes at WFOR-1400 from NBC (after all these many years) to Satellite News Network. "Triple X" is no more - unless you're in Colby, KS. "Mississippi's Original Oldies Station" changed to a station "With Knowledge of Jesus" - thus, WKQJ. Don't have exact date of change, but they were heard with 6 pm (ELT) signoff 12-23 with Christian mx backup, which is quite a change from the "Sergeant Pepper" mx I heard for so many years (since 1967 or thereabout). // Otherness, 1983 was good - 43 stations were logged, 2 out of 3 verified (as of this writing I've not heard from KWED-1380; have any of you had any results from this one?) 12-17 they signed off at 6:37 pm (ELT), which I thought was late. I was compiling date from KLOU on tape when KWED crept in. I dropped everything on KLOU and focused on KWED. // Classics (catches) in '83 include WBIA-1230, GA o/WHSY; KTBB-600 TX o/WREC; WMTS-810, TN u/WJSJ during SRS. The Masterpiece Catch goes to KBOL-1490, CO logged Easter Sunday night with s/off at 1:03 pm ELT (sort of early for a GY'er in a fairly large area, isn't it??) In 1984, WMML, ex-WUNI, is first "new" catch. // I heard "3WE" last night (1-12) 6:45-7:00 ELT playing A/C music. I thought they were country. When did they switch?? // Updated info on WQUE-130: I mentioned they were intent for stereo using the Sony system. According to a local entertainment writer in Times Picayune, the Kahn system is the sought-after system. Well, that's three in the Crescent City (including suburbs) - WNOE-1060 (Harris) and WKQT-1010 (Motorola) are the other two. Well, that's it for this issue. 73.

Ray Arruda - 47 Burt Street - Acushnet, MA 02743 (pm 1-16; rec'd 1-19)

The New Year has not started out very well for us with the untimely death of Arlene's sister on January 4 ... she was 31. (Our deepest sympathies, Ray and Arlene - pls) Random listening has been done with mixed results. Very few reports are sent out to stations for two reasons; not much has been heard recently and very poor return rate the last couple of years. CATV buzz across the band makes it virtually impossible to Sunset DX most evenings. DX Tests from WLNT-1140 and WEED-1390 were heard and verified. WBGB-1580 Test was not heard due to a typo in 1-9 DXN. The test was listed as 1-15 Monday but 1-15 was actually Sunday, and that's when it was run. I took a 50-50 chance and tried for WBGB-1580 on MM 1-16 and came up empty ... could have used them, too. Should have listened both mornings in this case! Nothing else of importance noted on MM 1-16 from 1-3 am so back to bed. Our Thanksgiving GTG 1983 was a huge success and we thank all those for attending. 73.

Harry Hayes - 9 Henry St. - Wilkes-Barre, PA 18702 (pm 1-16; rec'd 1-19) EST

About a month and a half ago I sent WXPX-1300, West Hazleton, PA a letter pertaining to their format, which I said I liked, and to the problem about their being off frequency and the resultant horrible heterodyne that they produce on the channel. At this time the het is still not fixed, and they had not acknowledged my letter. I even sent a return stamp and requested a confirmation of reception. They obviously must think my letter was a farce. It's their problem, and meanwhile their signal still sounds like muddled garp; their presentation of "Soundtrack of the 60's" sounds as if it's being broadcast through a bullhorn. Well, the statistics are in for 1983. I've received 24 new ones for the year, down from the yearly normal of 46 for me. 1300 was my best frequency. Tennessee and W. Virginia tie each other with most new catches with 4 each. Only 1 new graveyarder logged in 1983 in the form of WSTV-1340 from Thornhurst, where WKRZ dips into the mud at night. Nothing new was logged between 910 to 1290. Looks like that is the area of the band I should concentrate on in 1984. The frequencies of 900 and 1540 have each produced a new catch for me in 1983. These two have been "hard luck" channels for me in recent years. Last but not least, the elusive WERE-1590 Plainfield, NJ was finally logged on 12-31 of all days. Totals: 1,239 heard, 92 of those international catches. Onward to 1984. First new DX catch of the new year was CHOS-FM 95.9 Rattling Brook, NF around noontime on 1-7. Nothing new on AM yet but that doesn't mean things aren't interesting. 1-1: 1645 WZAP-690 VA; 1729 WAYN-900 NC in strong with s/off. 1730 WCEL-990 SC, ex-WEEB. 1754 WAPI-1070 AL. 1-11 2240 Sudia Arabia-1521 suspected, strong with chanting. Faded out after 2310. 1-12: WDR-1593 W. Germany good around midnight, then later on in the day at 2045 this steadily built up strength from shortly after sunset until this time when it was able to break audio on the HQ-180 and SM-2 and reveal a wide variety of light musics. Boy, didn't I express that beautifully? I'll make DX'ing an art form yet! I don't know about the word "musics", though. More on these two international catches should be in Mr. Hutton's column. Good DX, all.

Sidney E. Marshall - 7224 Pam Drive - Millington, TN 38053 (pm 1-16; rec'd 1-19)

The DX News, Vol. 51, Issue 13, left me in a rather sad mood. First, I was sorry to learn of the passing of the 3 DX'ers listed on the front cover, then to find there was no Musing column in this issue left a void feeling. Since my last Muse of 12-19-83 I was away from the dials for 2 weeks which explains my absence from this column for the past few issues. Back at the dials last week, thanks to the start of my mid-winter vacation, has added 5 new stations to my log book to bring my station total to 1,138 heard. "Newies" are

as follows with times in CST: On 1-10 between 5:45 pm and 6:00 pm WPKY-1580, KY was in and out with several ID's heard and caught full s/off announcement with comment about now being on till 6pm in the evening. Also, WQDN-1580, IL was in with mx, spot for store in Carbondale at 5:50 pm and time and temp. check with ID at 5:55 pm. On 1-11 at 6:01 pm I caught the top-of-hour legal ID of WKZY-770, FL before WABC covered everything. Next on morning of 1-13 between 6:34 and 6:44 am WRSB-1540, GA was in and out with local info, upcoming events, etc., and ID's heard before covered by s/on of WZZX at 6:45 am. On 1-15 at 12:03 am I heard the first ID (repeated back-to-back) of WBGB-1580, FL on the CPC test arranged by John Malicky. WCLS was giving it a rough time at my location, for I didn't hear it again until 12:27 am with band mx, ID, and mailing address given by announcer. He gave mailing address as Box 194, rather than 192, as shown in the CPC notice in DX News. I heard it once more at 12:52 am with mx and ID. Thanks to John Malicky for arranging this test! That's it for now, so till I have something new to report, good DX'ing to all.

G. Harley DeLeurere - P. O. Box 10 Hendricks, WV 26271 (pm 1-17; rec'd 1-20)

Yesterday's DX News arrived in yesterday's mail, and I was sorely disappointed. The Musings column was noticeably missing. I really do enjoy reading the Musings of the Members and wish that I could DX as well as the most of them do; however, it's impossible. As you well know, I'm the preacher of the Free Methodist Church here in Hendricks, and too I work on the average of twelve hours per day five and six days per week for the Western Maryland Railway at Bayard, WV. Bayard is 25 1/2 miles away from Hendricks, and so there's some time spent in commuting both ways. Now add to that a wife and four livewires with the youngest one's being just 2 1/2 months old, and you can see that the old man is in deep trouble. (Compared to that schedule, I'm on vacation every day, hi! -pls) Today I'm laying off work in order to take my wife to Parsons to see the doctor. She's afraid to drive in the snow and on the ice, and I don't blame her. Anyway, that's why I have a few minutes to drop you a line. As I'm typing this Musing, I'm tuned into a Spanish-speaking station on 1200 kilocycles. It's just 6:00 am. I haven't identified it yet. I just hope it's not another Cuban station. If it is, I'll just have to grin and bear it. I heard the WAGS test very well. WAGS's remote transmitter must have been located in the next town, because WAGS just boomed into Hendricks. I heard from William J. Prater of Springfield, MO. He sent me a nice letter letting me know the address of KLSM. I already have it confirmed. Thank you, Bill. "Veries" are pouring in. Since Thanksgiving I've received forty-six QSL's including a wooden nickel from KKOW-860, Pittsburg, KS. I must close for now. My thirty lines are here. Does anyone have WKWN's address? Its location is Kentwood, MI. Please help me. Thank you.

#### Radio Roundup

Pete Kemp - Bethel, CT (pm 1-17; rec'd 1-20)

Wolfman Jack has returned to the airwaves in Los Angeles on KRLA, doing the night shift. He hopes to recreate the old feeling of years gone by. If it is successful, he hopes to syndicate via satellite ... WINE-940, Brookfield, CT is now with the CBS Network ... Arbitron ratings in Memphis for AM'ers WMC, KWAM, and WKDJ (?? -pls) ... in Milwaukee, Gordon Hinkley will be leaving WTMJ, after 33 years. He will be replaced by Jim Tate, recently arrived from WGSO in New Orleans ... Columbus radio's only black-oriented station, WYKO, has added 45 minutes to its broadcast day. Fellow AM'er WRFD is staying on the same schedule, due to 880 kHz being occupied by WCBS in New York ... WNEW-1130, New York's Big Band Station, is celebrating its 50th anniversary ... For you international types, the twenty-eight stations of the All-India Radio Network have been hooked together by Insat 1-B ... CBS's loss is ABC's gain, adding Gary Shepard and Don Kladrup to their news staff ... CBC is making changes to its FM and AM networks. FM is changing its night time programming to rock to try to garner the youth market; the AM Network will follow suit when it switches to a 24-hr sked this spring ... The BBC and Reuters are considering a joint venture for a satellite and cable television news service ... I have been very busy putting the finishing touches on a broadcast Band Learning Center Activity designed for elementary school students. This concept involves the utilization of an AM radio to reinforce curriculum subject matter, such as geography, science, history, art, industrial arts, mathematics, and language arts classes. I have worked on this project on and off for several years and hope to have an article for publication shortly ... so much for now.

Dallas Lankford - 903 Sherwood Drive - Ruston, LA 71270 (pm 1-18; rec'd 1-21)

The excellent '180 alignment article by William Marvin is certainly an improvement over other approaches with respect to ease and simplicity. It reminds me of Charles Taylor's article about R-390A alignment without test equipment, and the general principles may be applied to many communications receivers with a built-in (100 kHz) calibrator. The calibrator is zero beat against WWV or other known frequency source, and then the calibrator is used to align the rx. When multiple conversions are used and a conversion oscillator is not crystal-controlled, as in the '180, the oscillator-tuned circuit can often be set using harmonics. Usually a short piece of insulated

wire connected to the rx antenna input with one end brought near the oscillator variable capacitor (if there is one) will allow the harmonics to be heard. The 9th harmonic of the 60 kHz BFO in the '180 near 540 kHz is very weak, and I had to bring the insulated wire against the insulated wire which runs from the BFO capacitor stator to the AM/SSB/CW switch to hear the harmonic. In rx's with 455 kHz BFP's the 2nd harmonic may be zeroed on 910 kHz. Sometimes it is not desirable to set the BFO exactly on 455 kHz. For example, in Hammarlund '145 and '150's the crystal filter is generally not centered on 455 kHz. In that case, set the crystal filter to the narrowest bandwidth, tune a signal for maximum S-meter reading, and set the BFO coil for zero beat. I also use this approach to set the R-398A BFO. One of the curious things I have observed is that a '180 which is correctly aligned is not perfectly aligned. For example, in the 4 kHz bandwidth (2 kHz/BOTH), starting with a signal at zero beat and the vernier fine tuning at 12 o'clock (set at 8), as you tune the vernier fine tuning to each side the S-meter readings will not be symmetric. Both '180's I have owned exhibit this "anomaly", and I would assume all '180's are this way. The asymmetry is (more or less) uniform, and it is as if the true center of the bandpass (using BOTH) is about 250 Hz off. The same is true of the UPPER and LOWER sidebands. The solution to this minor problem is to reset the 60 KHz BFO and 395 KHz second conversion oscillator slightly off frequency. After observing all bandwidths, and estimating the position of the vernier red pointer which you judge to be the best estimate of bandpass center, begin with the pointer at 12 o'clock and a marker signal zero beat (it is assumed you made the previous measurements with 12 o'clock at zero beat), rotate the red pointer to estimated bandpass center, readjust T28 (BFO coil) for zero beat, reset red pointer to 12 o'clock, reset L4 (second conversion oscillator coil) for zero beat, and check the results of your adjustments. In my opinion this gives much better IF alignment. You may want to reset the slot center frequency after the above adjustment.

Paul Swearingen - 7318 Ensign Ave. - Sun Valley, CA 91352 (818) 765-7451

Wouldn't you know ... the printer broke down during Dallas's technical comments. I always thought I had the reverse Midas touch ... you know, everything I touch turns to the opposite of gold (exact substance not printable here) but perhaps the honor should be passed along to the Louisiana Gentleman, hi! So, Mike Knitter is being kind enough to finish out the typesetting ... squelching all rumors that he, the CIA, or Big Brother censored the column for two weeks. Baloney, gentlemen. 73.

NRC HAM OPERATORS LIST - JAN '84

CALL	STATE	CLASS	NAME	OPERATIONS
KA1BCP	MA	T	Larry Weil	
N1CQ	MA	E	William Shaheen	
W1EXZ	VT	A	Bob Curtis	88-10 Mobile, 20-6 Base
KA1G1	CT	A	Les Berkman	
WA1GXN	MA	A	Paul Burkhardt	
KA1IGP	CT	N	John Morus	10/15/40/80 CW
WA110N	MA	E	Mark Connelly	75 AM, SSB
KA1IZN	CT	G	Mike Roth	
KA1KD	CT	A	Pete Kemp	88-10; 2
KA1KDF	RI	N	Craig Healy	
WA1PO1	CT	A	Bruce Kampe	
W1YPK	MA	G	Bill Bailey	40AM, SSB, CW, FAX, RTTY
KA2ABB	NY	N	Bill Thompson	
N2CJS	NJ	G	Rob Stonier	2FM
W2DPF	NJ	T	James Welch	
W2DYR	NJ	A	Eric Crusier	160-10 AM, SSB
N2EAW	NY	G	Nolan Stephany	
KA2EM2	NY	T	Bill Bergadano	
K2EUH	NY	E	Bob Foxworth	2 FM + LOW BANDS
WB2GHA	NJ	G	Tom 'Skip' Arey	88-10, 2FM
KR2H	NJ	E	Harry Helms	
WB2NTP	NJ	T	Frank Passage	
WA2QBO	NJ	N	Paul Mount	
WA2WEN	NJ	A	John Bowker	88-10 SSB
WB2ZTR	NY	G	John Lancos	
KC2ZU	NY	A	Ronald De Ment	

CALL	STATE	CLASS	NAME	OPERATIONS
KA38GP	MD	N	Bill Hutchinson	15 + 40, CW + PHONE
K3CHD	PA	G	Donald Myslowski	
K3DE	PA	E	Herb Heller	10
WB3GEJ	MD	G	Bob Binau	
K3LXN	MD	G	Steve Johnson	40-10 CW 20 SSB
K3WEI	PA	G	Glenn Jacobs	
WB2BJH	PA	T	Russ Edmunds	2 SSB, FM
WB4AFR	SC	E	Al Earnhardt	160/80/40 CW, SSB
K4AUH	NC	E	Edwin Goad	
W4CNR	SC	A	George Mulfinger	40
KA4DAP	NC	T	Bill Coleman	80/40
WD4ELO	GA	A	Chuck Hutton	160-10 CW, SSB
WA4GHK	FL	T	Jim Hagan	2, 220, 432 + 1750 KHz
K4GLU	VA	E	Alan Merriman	20 CW
K4HZF	VA	G	David Kennedy	
WD4JBU	GA	?	Ed Durden	
WD4JLT	KY	N	Pat Hartlage	
K4KVR	GA	G	David McLean	
KA4SKB	KY	N	Mark Williams	
AK4W	NC	E	Ed Best	
WA2NNQ	GA	A	Stewart Romain	
WA3SAD	SC	A	LT. Stephen Martin	
KA5PKW	VA	T	Bill Whitacre	2
K8VUU	KY	G	Dick Truax	160/40/15/10, CW, SSB
K8AKK	GA	G	Dave Fischer	
AK5E	TX	E	Tom DeWitt	
W5EPL	TX	A	Bob Hackett	
W5SUU	NM	A	Glenn Thompson	
K85ZQ	OK	A	Bruce Winkelman	
WA1YTK	TX	T	Conrad 'Chick' Durocher	
AH6DD	HI	A	Al Mariani, MD	
W6IWW	CA	A	Jim Hill	
WB3ANQ	CA	T	Larry Putman	
K7LJ	CA	E	Larry Johnson	
WB7DKS	AZ	A	Cliff Reno	
KA7EJU	WA	N	Bill Hardy	40
W7MR	UT	E	Marvin Zitting	
N8CCC	OH	T	Gordon Anderson	2, 220, 440 FM 7 NOVICE CW
A8E1	OH	E	Ken Noffsinger	
K8BICC	OH	T	Brad Lovett	
K8NDY	OH	T	George Greene	
K8BRYG	WV	N	Howard Tate	
W8SMN	OH	A	Paul Buehler	
WD9IRV	IL	A	Alan Mayer	2-80 SSB, FM
KC9IH	IL	A	Keith Kerchner	
KB9IV	WI	A	Bill Marvin	
WA9WME	IN	G	Randy Davis	
N1ACQ	IL	T	Jeff Cohen	
W3CRH	IL	G	Jeff Kadet	10 AM/SSB/CW, 15/20/40 CW
K3PXR	IL	A	Al Resnick	
K8HTF	IA	E	DR. Tom Gruis	
K8LOK	NE	G	Bob Greenlee	
W8MHR	ND	A	Bob Van Wormer	
K8SBV	KS	A	Carl 'Skip' Dabelstein	88-10 CW
KD7CX	SD	A	Kermit Schol	
WB2VGD	?	G	Bob Galerstein	
WD9INP	?	T	Charles Taylor	
VE2AQP	PQ	B	Andy Rugg	3.5 14 21 MHz, CW
VE3LEG	ON	?	Robert Cuthill	
VE3LSK	ON	G	Jeff Falconer	160-10 CW
LASVAA	Norway		Geir Stokkeland	88-10

Send all additions, corrections, etc. to the editor:  
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