



DX NEWS

*the magazine of the
National Radio Club*

SINCE 1933

Volume 50 Number 12

January 3, 1983

HAPPY NEW YEAR

Well, another year has come and another has gone. So much for that. Onto the future of things.

Received here, a little late, word that Ernie Moore, from Australia, has passed away back a few months. Another DXer gone to the big radio place in the sky.

From the printer - comes word that the newly revised NRC Antenna Reference Manual Volume 1 is out and available from the Publication Center. Of which we have included a few forms in this here magazine - can be found on pages 29 - 30.

From the mailbag - via Mike Todd he has a TRF 12-655 for sale or trade, it's only 3 months old found new in the box at a rural Radio Shack store. Comes with PCIM digital readout, Gilfor filters, and improved Ant/Grd input, \$65. or trade for SM-2 or R. West Ferrat loop. Contact Mike at Box 392 Banner Elk, NC 29604 or phone 704-387-4561 no collect. (also mike please forward your sales to Russ Edmunds-HQ)

New Column - of sorts, We here are proud to present the "HAP PAGE" found on the inside of the back cover, with an explanation of what to do with it found on page 46. You will find this page here every month, same spot.

New Column - BandScans - Terry Klasek will be the editor of a this new column, Paul, our new MUSE editor has been instructed to forward all bandscans onto Terry of which I hope you members will also do the same. The bandscans will be typed in a vertical manner instead of horizontal. Hopefully this will make them more enjoyable. Good luck Terry and members - give him your support.

There is alot jammed into this issue, I thought we'd start the year out with a bang! Enjoy.

CPC TESTS (TIMES ARE E.L.T.)

Did you listen and find the mystery test station and its frequency. I did, but only caught part of the address given at the end. What was the Freq? I'll wait for the mystery man to toll ya next issue. I did have some trouble hearing under KPAB.

1/16 WBZT-1130 WAYNESBORO, PA 0100-0130 MOSTLY TONES. THIS TO BE THE ANNUAL POP SUN. TEST. REPORTS TO: LOUIS SCALLY, CE, WBZT-RADIO, BOX 309, WAYNESBORO, PA 17268 ARRANGED FOR THE NRC BY BOB BINAU.

1/16 KALM-1290 THAYER, MO 0101 - 0116 USING 1000w. SPECIAL TEST FOR NRC, USING TEST TONES, VOICE ID'S, CODE ID'S & A TAPED CONVERSATION w/ TERRY KLA SEK ABOUT THE NRC. PHONE CALLS, PREPAID ONLY. TO: 314-264-7211 (IF SOMEONE IS THERE TO ANSWER THE PHONE) SASE REQUIRED, REPORTS TO: BILL MARTIN, CE, KALM RADIO, PO BOX 15, THAYER, MO 65791 ARRANGED FOR NRC BY TERRY KLA SEK & RICH-ARD EDDIE.

LOOK INSIDE

- 2.....AM Switch
- 3.....DDXD
- 9.....IDXD
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- Opps forgot one:
- 45.....PCC News Release

Late word!
FM CLUB
SAYS "You will
Get A Jan. Issue"

MIKE

Sue

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

PUB CENTER - OPEN FOR BUSINESS

2 AM SWITCH

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

CALL LETTER APPLICATIONS:

Present call: Seeks:

690 WAGD Oshkosh, WI WCKK
1080 KIOE Honolulu, HI KZHI
1380 WRJQ Clintonville, WI WFCL
1480 KWKW Wichita, KS KLEO
1600 WNEU Wheeling, WV WAHR
1300 WAAC Terre Haute, IN WPFK

Note to people using Broadcasting Magazine for information on calls: In the past two issues, "AM" call changes listed for Valdez, AK and Fairfield, OH were both bogus. Valdez is a TV call, Fairfield is FM.

CALL LETTER GRANTS:

Did call: New call:

800 XBRN Brighton, CO KLTT
880 *New Sabana Grande, PR WPRX
1060 KRIT Winters, TX KPUB
1080 KANC Anchorage, AK KTNX
1350 WLNH Laconia, NH WKZU
1430 WJRB Madison, TN WNKZ
1440 KORS Golden Valley, MN KGLD
*New Salem, MO KFPS
1490 *New Ruidoso Downs, NM KOAW
1580 WAXU Georgetown, KY WBBE

950 WLOF Orlando, FL WLOT
1360 *New Milan, TN WKKY
1570 KZOL Farwell, TX KIJN

+++ The Pembina, ND 750 application was originally filed in March 1982 but was returned because of contour overlap with Canadian station, it's being refiled with a request for a waiver of overlap requirements. No changes were made otherwise.

APPLICATIONS FOR NEW STATIONS:

580 Tucson, AZ seeks 5000/500
750 Portage, IN 2500 D
La Crescent, MN 1000 D
Pembina, ND 1000/1000 ***
1030 Pleasure Ridge Park, KY 10000
Union City, NJ 5000 D
760 Moody, AL seeks 1000 D1
1170 Claremont, NC wants 5000/1000 U4
1310 Hartselle, AL 1000 D1

APPLICATIONS FROM EXISTING FACILITIES:

780 WABS Arlington, VA seeks power increase to 5000
860 WAEC Atlanta, GA power to 5000
1060 KWRT Winters, TX power to 2500
1300 WVKC West Hazelton, PA power to 5000
1380 WTHN Millington, TN fulltime with 2500/1000 U4 *
1580 KGAF Gainesville, TX fulltime by adding 250 night, DA *
1600 KBBX Centerville, UT fulltime by adding 1000 night, DA *

* Designated above have also been required to make a major environmental impact study under Section 1.1305. This is becoming increasingly common with new applications which require modification or clearing of land for new antenna sites. Such studies are often very time consuming and costly and can delay applications for years. There have been cases where these studies have become so complicated that the stations finally dropped their applications out of lack of funds or sheer frustration. And so it goes.

GRANTS FOR NEW STATIONS: None

GRANTS TO EXISTING FACILITIES:

710 KUET Black Canyon, AZ goes fulltime by adding 1000 night, will be U4
970 KAYT Rupert, ID power to 2500
990 KXLA Rayville, LA fulltime with 1000/250 U4, move XR
WCEL Southern Pines, NC power to 1000
1070 KERR Polson, MT moves to 750, power will be 50000/1000 U2
940 WGFP Webster, MA raises power to 1000, no other changes

73 and Good DX,

Jerry & BKF

Jerry Starr & Buffalo K. Foonman

NOTE: This is a combination of two AM SWITCH's. Combined here at HQ.

WHAT??? STILL DON'T HAVE AN NRC DX CALENDAR???

WHAT ARE YOU WAITING FOR.....CHRISTMAS !!

LAST CHANCE TO GET A GREAT CALENDAR

PACKED FULL OF USEFUL DX AIDS !!

ONLY \$4.00 JUST WRITE TO

NRC HQ

DO IT RIGHT NOW !!!

DOMESTIC DX DIGEST

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

Here is the official NRC column which is about as exciting as shoveling snow! when sending your items in, please type or neatly write, skip a line between items, EST, etc. You'll have to bear with me for the next couple of columns as it will likely be done with this typewriter. My other machine needs a part and the closest parts depot is Sakway, Alaska! And away we go:



KNOX

SPECIAL:

800 KLTT CO BRIGHTON - Now noted w/these calls, format still religious. (WHLCO)
1240 W4BQ PA SELINGSGROVE - 12/7 1638-1650 o/all w/local ads, pop music, "12 Q" ID's, ex-w5w. (XG-PA)
1320 KXKZ TX HOUSTON - Now on MSP sited, all Mexican/Spanish. (WHLCO)
1350 WANC NC ABERDEEN - 12/6 1650-1700 noted w/CW music, ads, s/off w/Dixie w/no data announcement, then SSB. Good o/MOXY. (KG-PA)
1390 KHOB NH ROBBS - NSF w/Tailnet, CP is now on. (WHLCO)
1430 W4SL NC MONROE - 12/15 1719 fair/good w/ID, mentions of Union County, Monroe Hall, Highway 74 and Wingate, area sports by female anchor who came on now like a gossip columnist! (MT-MD) Sounds familiar! (DS)
1490 KATY TX BORGES - Noted AN on RM 12/13 w/rock music, 0300-0400. (WHLCO)
1510 W4PE MA BOSTON - 12/10 now noted w/these calls, ex-W4PEX, Memory Radio. (STAN-MA)
1550 W4EW PA BRADDOCK - 12/7 1650 has broken away from simulcasting W4EW-FM, news release mentions sale of station to Pittsburgh Church group. (JM-PA)

DX TESTS:

790 KCEB Heard: WHLCO, EV-LI. Not heard: DS-DE, RA-MA.
1180 KWSO Heard: TAK-MD.
1240 W4EJ Heard: DS-DE, RA-MA. Not heard: JML-PA
1520 W4HE Heard: JBL-NY. Tentative: TAK-HO, P4ML-NJ.

MIDDAY - MIDNIGHT:

530 TIS TI DALLAS-FORT WORTH - A new TIS station, ID'ing as KNFW-940 has been noted w/DFW Airport info. Per call to airport, this is still in the testing stage and will go into regular operation in January. (CG-TX)
550 WGR NY BUFFALO - 11/15 1703 an occasional visitor here w/"90-55 News." (DOC-NJ)
CHND ON SUDBURY - 12/4 1626 xint in WGR null w/promo for CEMO T-Shirts then rock music, using slogan "N-O 55." (JE-NY)
570 W4MI MS BILOXI - 11/27 1753 first noted w/local ads, ID, music. Still there at 1932, rarely heard here. (CX-CH) One better, "never heard here." (DS)
WFLP FL PINELLAS PARK - 11/28 2206 talk show, Mutual news, many Tampa mentions. (CX)
590 C4KS PQ JONJENNE - 12/3 2058 great signal w/satnr, music. (JB-NY)
W4LO GA ATLANTA - 12/2 2300 noted w/CW music, ID. (CG-TX)
600 W4KV FL JACKSONVILLE - 11/27 1755-1805 o/Cuban w/FL ads, sports scores. Again 11/28 1800 w/Gators/IL basketball. (CX-CH)
620 W4JZ TN KNOXVILLE - 12/6 1653 fair-good w/weather, ID. (WPT-DC)
W4JB PA GREENSBURG - 12/14 1715 in mess w/Dodge ad, ID. (MT-MD)
630 W4EX GA SAVANNAH - 12/14 1700 loud (per usual) w/CW music, ID. (MT-MD)
640 W4LO OH AKRON - 12/14 1803-1809 noted w/CBS news, Classical music w/Cuban. (MT-MD) That's the usual on 640, the Cuban. (DS)
730 W4TC KY VANCELEVE - 12/4 1700-1715 news sponsored by local electrical co-op, music, detailed s/off. (TF-CT)
W4CE MA CHICOPPEE-SPRINGFIELD - 12/4 1602 xint w/ad for tool company then MLL. (JB-NY)
750 W4FD WV CLARKSBURG - 12/4 1635 good, alone on freq, w/CW music, ID. (JB-NY)
770 K4CB LA LAFAYETTE - 11/27 1803 promo, local ad, item for canned food drive. (CK-CH) 12/7 1800-1811 fair/alone w/many ads, PSA's, music. (TAK-MD)
790 W4MS FL S. MIAMI - 11/28 1802 alone w/ID, "the news-talk station", tele-talk show, comments on Presidents' Reagan's staff. (CK-CH)
CKSO ON SUDBURY - 12/4 1606 good w/weather, rock music, very early for this former post. (JB-NY) Oh, he visits you often?
800 W4TR NJ GARDEN - 12/11 1616-1630 lady preacher, steady signal, detailed s/off. (TF-CT)
850 W4AT FL W. PALM BEACH - 11/28 1832-1900 CNN news, FL news, weather, sports, signal in like a local, verie already back! (TF-CT)
W4SU PA READING - 12/6 2010 music, ID. (TF-CT)
W4LK NC HALLIGH - 12/4 1638 fair in mess w/ID, CW music. (JB-NY)
870 W4TL NC KANAWHAWA - 12/4 1639 fair o/W4EUB w/ads. (JB-NY)
900 W4RV NY BOONSVILLE - 12/7 1930 very strong w/talk show w/Santa Clause. (HAT-NY) You using "funny" time or somethin'?

910 W4KX SC N. CHARLESTON - 11/26 1715 s/off w/mention of N. Charleston. (WPT-DC)
CKLY ON LINDSAY - 12/14 18174 tapping local W4EBA w/ endless farm prices, mention of a dozen or so places to play bingo, real class operation! (MT-MD) At least they still verify....that takes class-hi! (DS)
920 W4BB NC BURLINGTON - 12/14 1653 w/religious item, ID, contest promo. (MT-MD)

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950 WJIX NY UTICA - 11/30 2135 Utica basketball, ads, o/WPEN, verie back in 5 days. (TF-CT)

UNXD 12/14 2150 o/WPEN w/Syracuse/Ohio State basketball, WJIX or WBSF, any ideas? (NL-MD) Yes, my idea....it was indeed a radio station! (DS)

980 WCAP MA LOWELL - 12/10 1646-1705 news, sports, ads, rock music, plenty of commercials, lost to WJIX. Never varied in Chalfont, maybe here! (TF-CT) Pay 'em a visit....take a lot of \$10 bills! (DS)

990 KWAN TN MEMPHIS - 12/4, 12/12 1728-1747 good w/no sign of WHOX, ads, gospel programs, music, community items, s/off spoken fast w/southern accent.(JM)

1050 WBTI GA AUGUSTA - 12/2 1704 good w/local news, sports, weather, then "pfft." Opps. no "pffting"-hil (JM-PA) Wipe your chin, Jehn! (DS)

WBRG VA LYNCHBURG - 12/2 1700 xint s/off w/mention of Sunshine Radio, location of studios, owners, etc. (JM-PA)

1070 WJNK WV BECKLEY - 12/2 1715 xint w/tail end of s/off, transmitter location given as Crab Orchard. (JM-PA) Well, I guess if you can't catch them in the water, you have to grow them-right! (DS)

WAMH FL TALLAHASSEE - 11/25 1740-1745 on top w/soul music and elsing by black DJ. #1 station in Tallahassee per verie, mentions new CSI transmitter! (KG-PA)

1080 WVCG FL CORAL GABLES - 12/2 1728-1732 very good w/oldsie into local news headlines, gone at power cut in middle of news item, 1st time heard. (JM-PA)

WYJI GA MARIETTA - 12/12 1730 very good at s/off w/mention "concluding service to Metro Atlanta." NFL format, thought was ERUD! (JM-PA)

WKGX NC LENOIR - 12/2 1715 xint s/off w/owners, address, 1st time heard. (JM-PA) 11/25 1705-1715 strong in WTIC's null w/bank ad, local news, s/off w/ full data, no SSB. (KG-PA)

WNCR NC ST. PAULS - 11/23 1703-1715 good in WTIC null w/Dr. Norman Vincent Peale, "Carolina Country" CW music, full data s/off, no SSB. (KG-PA)

WFIV FL KISSIMISSEE - 11/24 1700-1720 good in WTIC null w/mutual and local news, "Five Comedy" program of comedy LP's. (KG-PA)

1090 WSLG LA GONZALES - 11/27 1733 "The Mighty 1090" w/weather, mention of light rain, then music w/no XAAZ present. (CK-OB)

1110 CKJD OH SARINIA - 12/4 1620 in like a local w/rock music from their 11 tower array (per w/l last year!). (TF-CT) Aimed at your throat! (DS)

XFAB ME OWABA - 12/4 1715 xint o/WBT w/CW music, ads. (JM-PA)

1130 WMLA GA MOULTRIE - 12/7 1721-1730 ID then Thru The Bible program, gone at pattern change. (TAK-MO) 12/12 1729 ending gospel program, ID, death notices, very strong o/WKEM. (DS-DE)

KEMR MD BISMARCK - 12/7 1715-1718 # ID's, PSA, ads, good signal. (TAK-MO)

1140 WASG AL ATHORE - 12/7 1744-1747 discoo Christmas music then s/off, in wall. (TAK-MO)

1150 WTMP FL TEMPLE TERRACE - 11/28 1810-1820 w/"les commercials, more jazz" promo, temp. check, promo for Tampa. (CK-OB)

WMLR VA CHURCHVILLE - 12/15 1700 in w/s/off, mentions 1000 watts, no SSB. (MT-ND)

1170 WRTT CT VERNON - 12/10 1600 rock music, ads, very brief, no data s/off. (TF-CT)

WBFM NJ SOMERVILLE - 12/10 1630 s/off after WCRB, mention of 500 watts, etc. (TF)

WCRB NJ CORNWALL-ON-BURTON - 12/10 1615 rock music, contest, promo for oldies, detailed s/off, no SSB. (TF-CT)

WAMB TN DONELSON - 12/4 1646 KML type music, never heard in Chalfont. (TF-CT) 11/23 1654 w/New Years Eve item. (BL-MI)

1180 WJDS IL JACKSONVILLE - 12/8 1740 way o/WHAM w/ads, funeral notices, weather, s/off 1745, no SSB. (KG-PA)

1200 KPMO MD WEST PARGO - 12/8 1637-1708 Christian music, inspirational talk w/ID, in very well and alone, no WQAI. (TAK-MO)

1210 WKNX MI SAGINAW - 12/4 1614 good o/WCAU w/rock proclaming "the real music is back" then jingle. (JB-NY) I never know it left!

1220 WQSA FL SARASOTA - 11/27 1752 news of voting in area, s/off w/request urging listeners to write if they want to hear them 24 hours. (CK-OB)

1230 CKMP ON MIDLAND - 12/3 2122 good w/weather then rock music. (JB-NY)

1240 WQVA NY GENEVA - 12/7 1915 weak w/Christmas Contest promo. (HAT-NY)

1250 CWBO ON OAKVILLE - 12/2 2210 w/"the Peoples Gospel Hour" religious program. (TF-CT)

WTHA SC CHARLESTON - 12/4 1619 in briefly w/rock music, "Mighty TMA" ID's, mentioned it was a Motown Weekend. (JB-NY)

WEMP WI MILWAUKEE - 12/4 1623 good w/weather then item for "Hit Parade" w/oldie/rock. (JB-NY) Guess they dumped the CW, ah? (DS)

1260 CINI MB FREDERICTON - 12/3 2038 very good on xint evening toward the Maritimes. (JB)

1270 WTNT FL TALLAHASSEE - 11/28 1820 ID, bregging to be "the #1 sports station" then Mutual sports. (CK-OB)

1280 WSAT NC SALISBURY - 12/12 1734 very strong w/ID, ad, sports. (DS-DE)

WGLS LA NEW ORLEANS - 11/17 2106 w/time check, ID, into talk show. (DOC-NJ)

1290 WKLB IA MANGESSTER - 12/12 1720 caught portion of s/off at odd time, mention of 0600 o/on, no SSB. (DS-DE)

1310 WDOB TN CHATTANOOGA - 12/1 2035 local basketball game, ID, ads at break. (TAK-MO)

WDED SC KINGSTREE - 12/12 1702-1715 AI news, sports, taped weather, ads, Tom Collins was an'er, quick s/off w/no SSB, local like signal! (TF-CT)

WDLF FL DELAND - 11/26 1706-1730 on top w/sports, weather, ads, pop music, full data s/off w/request for comments to GM, no SSB. (KG-PA)

WDUZ Green Bay

1320 WERT KI BARDSTOWN - 12/10 2110-2132 CW music w/voice and jingle ID's, seems a little late for a daytimer. (TAK-MO) Check out WKVA-1550, read on! 12/5 1745 s/off w/mention of Booker T. Washington Bd's't'g, PM at 107.?, call sounded like WBBB....WENN maybe! (BL-MI)

UNID

WRWV NS PIGEON - 12/5 1759 s/off w/mention of 5000 watts, SSB. (BL-MI)

1330 WBOO NY ONEGO - 12/5 rock music, then s/off at 1645. (BS-NJ)

1340 WOTL PA OIL CITY - 12/11 1348 readable in WSTV null/WHOT splash w/Top 40 programming, 1st readable day reception on this. (JS-OB)

1350 WGSW SC GREENWOOD - 12/13 1713 good, fading w/weather, ad, s/off, 8th new logging of the day. (JM-PA) George Burns was sitting in his room, making "Oh God, Book III"-hil (DS)

1360 WAZA GA BADNERIDGE - 12/13 1739 good, steady signal w/CW music, ID, ad. (HJL-PA)

WYOZ AL MOBILE - 12/5 1806 s/off w/mention of 5000 watts, ID'd several times.(EM)

1370 WCOM FL PENSACOLA - 12/13 1747 good w/ads, Fruitcake giveaway, format is a mix of soft rock/big band music. (HJH-PA) When did WPT move there? (DS)

WWEK FL OCALA - 12/1 1723-1728 way o/all w/network sports, no data s/off leaving WAKE in clear til 1730. (KG-PA)

WRTH NY ROCHESTER - 11/29 2030 strong w/new format, ID's as Talk Radio. (HAT-NY)

1380 WBUS SC N. AUGUSTA - 12/13 1709 very good w/ads, news promo then plo! (JM-PA)

WLRV VA LEBANON - 12/8 1703-1707 o/all w/NC news, local weather, Christmas wishes and seasonal music. (KG-PA)

1390 WTJW TN JACKSON - 11/30 2142 pop oldies, weather, ID. (TAK-MO)

WISK GA AMERICUS - 11/23 1730 weak but steady signal w/NCSC null'd, s/off w/ mention of xmt: 1 mile west of Hwy. 30. (HJL-PA)

WGWY MI CHARLOTTE - 12/4 1620 in like a local w/religious music, ads. (TF-CT)

WLAN PA LANCASTER - 11/29 2122 rock music, ID, mixing w/WFL. (TF-CT)

CBGO ON AJAX - 11/29 2129 requesting reports from Fairfield, CT only! (TF-CT)

1410 WUHI AL MOBILE - 12/13 1755 very strong signal w/ID of old rock music and CW, ID and promo for Mobile. (HJH-PA) About as exciting as Salem, VA. (DS)

WLAQ GA ROME - 12/12 1756 fair w/mix of rock and CW music, ID, "AM 1410". (HJL-PA)

WHDJ FL FORT MYERS - 11/26 1805 good w/news, weather, Lost and Found items. (WPT)

1420 WTRC KY ASHLAND - 12/15 1713 noted w/ID, CW music. (MT-ND)

1440 WUHO OH WARREN - 12/2 2150 thru splash from local WMAE-1450 w/rock music. (TF-CT)

WGIG GA BRUNSWICK - 11/28 1828 promo for Trader Jack show, ID as "Coastal Georgia's Country" then CW music. (CK-OB)

WHLA NC ELIZABETHTOWN - 11/15 1654-1700 good w/Beatles music, NC news network news, ID. (DOC-NJ)

1450 WYXL NH CONCORD - 12/10 1748-1753 noted w/Smp_Shop, many local ads into "Per- spective" program. (HJH-PA)

1460 WDEO NY ALBANY - 12/2 2140 news w/ID "Your News and Info. station." good sig. (TF)

1470 WLAH MO LANSITON - 11/28 2000 rock music, balloon contest item. (TF-CT)

WSPAN PA ALLENTOWN - 11/29 2127 good w/Unforgettable WEAN ID, MTL type music. (TF)

1480 WIGS MI TAWAS CITY - 12/5 1645-1655 polka music, w/Folish Hour, soon lost to WSAW. (TF-CT)

1500 WQMS AL ALABASTER - 12/13 1745 very good w/tail end of s/off, no WTOP. (JM-PA)

WSEH GA DONALDSONVILLE - 12/13 1742 xint w/early s/off w/invt to tune WTRK FM 106.3 for more adult contemporary music, SSB. (JM-PA)

WGWV NY WATKINS GLEN - 11/27 1644 very weak at s/off w/vocal SSB. (JB-NY)

1510 WRAN NJ DOVER - 11/30 2335 w/Top 40 music, never heard at night even though they're 25 miles away. (BS-NJ) Directional toward Bombay! (DS)

1520 WXPQ GA HATNOTON - 12/13 1731 good at s/off w/no WKEM, mention of community minded station. (JM-PA)

WZER MS AMORY - 12/13 1739 yes folks, I speak the truth w/this although it faded, no sign of WKEM, heard rock/soul music, ID. (JM-PA)

WGRB FL INDIAN ROCKS - 11/27 1733-1742 alone w/religious music til s/off w/mention of WRES-FM 102, Now running 1000 ND per verie, may never put CP for U4 on due to limited coverage. (KG-PA)

WTSS NY KINGOLA - 12/18 1640-1645 on top w/preacher from the Bronx, s/off w/full data, no SSB, 15 minutes later! (KG-PA)

WHIC KY HARDINSBURG - 12/8 1734 good in WKEM null w/full data s/off, a little late.

WTRC SC MYRTLE BEACH - 12/2 1658-1659 strong w/stock market news, ID. (DOC-NJ)

1530 WCRJ FL JACKSONVILLE - 11/27 1637 w/ID, temp and weather check. (BS-NJ)

1540 WBSH AL SHALIMTON - 12/13 1736-1745 xint w/no KXEL w/ID, PSA, s/off giving GM name, wishing a pleasant good evening, etc. (JM-PA)

WZAL GA MCDONOUGH - 12/13 1727 early s/off w/ID, power given. (JM-PA)

KOFC TX GALVESTON - 11/30 1906 sports, PSA, weather, ID at 1930 in Spanish. (TAK-MO)

KEDA TX SAN ANTONIO - 11/30 1910 spanish music progress, ID as "Radio Jalapeno." (TAK)

WUCC NC CHARLOTTE - 12/2 1702 "The Gospel Voice of the Carolinas" w/ID, PSA. (DOC-NJ)

WZPH NC WALKIN - 12/2 1700 good w/time check, ID. (DOC-NJ)

1550 KOKA LA SHREVEPORT - 12/13 1807-1811 xint w/traffic report, ads, music promo, seems to have changed format from B/Sol to adult contemporary. (JM-PA)

WCCZ FL NEW SMYRNA BEACH - 12/9 1731 CW noted which I first thought was WBSO, s/off w/mention of 250 watts and PSA power, good signal. (HJL-PA)

WNSC FL CORAL GABLES - 12/11 1729 ending Spanish news, English ID. (HJL-PA)

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WGLF OCEAN CITY, NEW JERSEY

6 1550 WYVA WV CHARLESTOWN - 12/5, 12/11 noted running way past required 1645 s/off time both days, relaying WYVA-FM w/BLZ music, abruptly cut 1821 on 12/11. (WJH-PA) 12/5 1706-1732 still going strong w/BLZ music, news, ads, ID's. Legal s/off time was 1645. Off abruptly at 1733 in middle of newscast. (KG-PA) 12/5 1730 noted running late w/BLZ, female ans'r w/news. New owner, same old stunts. hi! (DS-DE)

WEZQ NC GREENVILLE - 11/23 1759 in clear w/full data s/off, to return 0600 "for another day of praising the Lord." No SSB. Alas, no time for vertical (KG) ST. JOSEPH - 12/8 1750 alone w/farm news, no news, program promo, ID at 1800 into Christmas music. Gone at pattern change. (KG-PA)

WYOU FL TAMPA - 11/27 1700 Spanish talk noted, English ID. (BS-NJ)

WMOO AL MOBILE - 12/14 1734 fading o/a CBE w/local ancts., ads, carols. (MT-MD)

1560 WYZD NC DOBSON - 12/2 1705 fair w/promo for Dobsons Christmas Parade. (DOC-NJ) 12/12 1707 fading up, real strong w/religious program, break for ID, then faded w/MQIR w/opera. Also suspect WAGL there w/rock music. (HJH-PA)

1570 WTLK NC TAYLORSVILLE - 12/9 1715 good at s/off, boasting as areas most powerful station. (HJH-PA) Even after a good dose of Right Guard? (DS)

WNGA NC SILER CITY - 12/9 1716 s/off noted after WTLK, weaker. Mentions to "set your clock radio." (HJH-PA)

WYTI VA ROCKY MOUNT - 12/12 1700 good w/school closings then s/off. (HJH-PA)

WLSC SC LORIS - 12/12 1715 rather weak at s/off w/bunch of others. (HJH-PA)

WCLE TN CLEVELAND - 12/12 1731 weakish, ending Elvis time then s/off w/SSB by Air Force Band. (HJH-PA) 12/13 1730 xint s/off w/church item, music. (JH)

1580 WJNO FL CHATTAHOOCHEE - 12/5 1745 religious program then s/off w/hymn. (HJH-PA) 12/5 1735-1743 alone w/religion til s/off w/hymn "May God Be With You." as closing theme. (KG-PA)

WJIX NC CAMP LEJUNE - 12/12 1701 especially strong this evening w/religion up til s/off. (HJH-PA) 12/4 1555-1557 fair w/ID, ads for businesses in Jacksonville, NC. (JB-NY)

WESY MS LEBANON - 12/9 1800 noted w/s/off so fulltime CP isn't on yet! (JS-OB)

WORV MS BATTLESBURG - 12/13 1800 xint s/off w/power, freq., and "we hope we've attained some measure of success towards our listeners." (JM-PA)

WPMP MS PASCAGOULA - 12/13 1751-1758 xint, like a local w/CW music, ads, s/off, 5th try for a vertie from this one! (JM-PA)

WUIV NC ICARD - 12/6 1707-1710 on top briefly w/stock market news, program promo, then faded to WKZY. (KG-PA)

WZKY NC ALEXANDER - 12/6 1710-1713 on top w/news by female ans'r, ID, time check. (XS)

WSEK TN KNOXVILLE - 12/8 1655-1703 very strong, in clear w/religion from Knoxville church, ID on hour w/ans't for Radio Revival Hour. (KG-PA) (BS-NJ)

WSPR FL FT. LAUDERDALE - 11/27 1800 very strong w/oldies rock music, Surf 16 IDs.

1590 WGOO NY SALAMANCA - 11/17 1700 fair w/s/off. (DOC-NJ) 11/17 1700-1701 poor w/long and drawn out top of the hour ID, calls sounded like WHDL or WHVL....who? (DOC-NJ) Homesdale, PA? (DS)

1600 WJNJ FL ATLANTIC BEACH - 12/9 1727-1730 w/sports, short s/off. (JS-OH)

WAYC PA BEDFORD - 12/11 1320 good signal w/Top 40 music during the absence of now dark WNEU. (JS-OH) 11/17 1659 good w/"That's All Folks" s/off. (DOC-NJ)

WTFH OH TIPTON - 12/11 1330 in WABC null w/National Music Survey program, never heard in daytime before. (JS-OB) WNEU used to stay atop 1600 here til 2 hours after sunrise in the AM's! (DS)

WIMI MD ROCKVILLE - 12/4 1635 music, ID as "The Station of the Stars." (TF-CT)

WCPE VA CHESAPEAKE - 11/17 1700 good w/pseudo-BFL music, s/off. (DOC-NJ)

WJSA PA JERSEY SHORE - 12/4 1631-1643 s/off good w/religion, uses slogan "Christian Radio for the West Branch Valley." (JB-NY)

MIDNIGHT - MIDDAY:

540 CJSB OH OTTAWA - 12/8 0004 "Ottawa Overnite" booming in w/female ans'r w/rock music, booming into Central NJ. Caught while trying to tune in WCBS-880 or WMMR-1350! (JB-NJ) And you deal w/the stock market? (DS)

550 XBD MD RBDINA - 11/9 0032 w/band instr. music, CBC program. (DB-NE)

560 KWTG MD SPRINGFIELD - 11/9 0251 noted w/CW music, oldies, ID. (DB-NE)

570 WFLP FL PINEHILL PARK - 12/6 0117-0121 stumbled upon this w/Golf Shirt offer, PSA, talk program, some WFL splash, suddenly gone at 0121 so evidently a quick day pattern ET. (DS-DE)

580 UNID 12/9 0051 someone noted here w/SSB. (EN-LI)

620 WYNY NJ NEWARK - 11/25 0036 fair w/ID during NJ Nets basketball game, rare. (JB-NY)

630 XBOV CO DENVER - 11/9 0041 w/R-63 ID. (DB-NE)

790 WWSV FL S. MIAMI - 12/13 0306 ID atop freq. as "the News Talk station." So hasn't moved to 780 yet. (JS-OH) 12/6 0132-0226 in the clear w/fairly strong signal while local WABE was off, call in talk show w/male ans'r, news at 0200 w/female ans'r. (KG-PA)

800 CKLW OH WINDSOR - 12/4 0323+ noted on rare ET w/TT. (JS-OH)

850 WEAT FL W. PALM BEACH - 12/6 0343-0350 very good w/news, many out of town reports, on top, common on NH. (PRM-NJ) I'll say....(DS)

UNID 12/13 0340 french talk show, way o/KOA, CKVL! (EN-LI) Shows up here often.

880 WGBS NY NEW YORK - 12/12 0309 noted w/rare OG/ET, complete s/on 0315 and back to regular schedule. (JS-OB)

960 CHNS MS HALIFAX - 12/6 0133 very strong w/promo for Public Service awards, McR music, ID. (BS-DE)

980 WFHG VA BRISTOL - 12/13 0257 atop WRC w/instr, rock music into AEC news, ID. (DS-DE)

1060 UNID 12/15 0130 weak w/KYN w/what sounded to be CW music, English ans'r, looping south, possible WMT. (JH-PA) Or WJCE....they're CW, too. (DS)

1080 *WKGX NC LENOIR - 12/4 0050-0105+ strong at times, atop WVIC chatter w/urgent Top 40 music during ET. (HJH-PA)

1150 WDEL DE WILMINGTON - 12/5 0606 atop w/good signal w/music, ad, ID. (TF-CT) Never heard 'em! (DS)

1230 WSEB FL NEW SHYRRA BEACH - 11/25 0020 strong in WEEK's null w/religious songs, s/off 0029 and closed w/singing "Lords Prayer" until 0032, sked change from that in log. (KG-PA)

1240 WEDM PA READING - 12/6 0035 w/ID, CW music. (BS-NJ)

1270 WHTT FL TALLAHASSEE - 11/27 0030 w/ID into Mutual news. (BS-NJ)

1310 WQOD TN CHATTANOOGA - 11/27 0100 w/ID, mention of Music Country Network. (BS-NJ) WREL runs the case thing at this time....(DS)

1330 WNOT OH CANTON - 12/7 0035 w/rock music, ID. (EM-WI) My closest unheard! (JS-OB)

1340 WHPA VA HOPKINS - 12/2 0550-0600 on top w/CW music, announcing 24 hour a day sked w/"The Country Extension" slogan, ID by male and female ans'r. (KG-PA)

WCHI XY ASHLAND - 11/24 0150 good w/weather, safety message then MLL. (JB-NY)

1350 WFLS VA FREDERICKSBURG - 12/2 0610 concluding news and weather into CW music, atop til 0645. Again 12/4 0600 w/quick, no data s/on into network news. (KG)

WGSW SC GREENWOOD - 12/9 0600 SSB followed by full data s/on, faded. (KG-PA)

1370 WJMS VA SMOOTH HILL - 12/2 0624 good o/WSPD w/local report and news then gone. (JH)

1380 WHTD WV HINTON - 12/2 0606-0638 fair/good w/CW music, "more country the way it should be", ID. (JM-PA)

WACK GA ATLANTA - 12/12 0152 atop w/promo, "A-OK" ID's, B/Sol format, o/WENY, local WAMS off for repairs. (DS-DE)

1390 WLAN PA LANCASTER - 12/12 0235-0301 w/non-stop B/mol music, ID on hour, good w/WAMS off, usually never heard at night, let alone in the day! (DS-DE)

1430 WELH NY ELMHUR - 12/6 0217-0232 mostly atop WPOP w/25 years of Rock and Roll show, ID, Skywatch weather. (PRM-NJ)

1420 WJVS XY CHENEBORO - 12/13 0203 w/ID into rock oldies, atop freq. (DS-DE)

1450 WOL DC WASHINGTON - 12/3, 12/9, 12/15 0113-0124, o/a local WJPA w/B/Sol format, ads, ID, xint at times w/frequent fading. (JL-PA)

WTRD MD CUMBERLAND - 12/3 0256 very good w/rock music, phone # for requests, still a non-variant (JH-PA) Only heard once, briefly. (DS)

*WILM DE WILMINGTON - 12/6 0250 ID on ET "for test purposes only", o/WCIC/WOL. (PRM)

1470 WSAN PA ALLANTOWN - 11/29 0108 good w/unforgettable WSAN slogan, then MLL type music. (JB-NY)

1490 WPKX VA HANPTON - 11/29 0129 good w/oldies CW, "X-15" ID. (JB-NY)

1590 WASY MS GORMAN - 12/5 0223-0248 fading atop freq., strong at times w/blocked oldies, promo's, time checks, jingle ID's w/WAKR null'd, no sign of pest WJ50/WNES/WYIU was off. (DS-DE)

WJ50 TN JONESBORO - 12/6 0249 noted w/blocked rock LP onts, ID's as "AM.16." (DS-DE)

PIRATE INFO:

1610 WQXW NY NEW YORK - 12/8 2150-2210 ID'ing as "WQXW, better known as Ww" featuring Beatle music. (TF-CT)

KN 12/5 0400 Very strong w/music and phone calls, ID'ing as "Radio Free Radio." (BAT-NY)

1616 WART NY NEW YORK - 11/14 2333-0122 noted w/2 male ans'rs, weird music, audio improved o/last few loggings. Reported to have been caught by FCC. (VP-NY) 11/14 0005-0020 w/Top 40 music, phone calls, good signal but faded. (PRM) NEW ENGLAND AREA - 11/14 0215 relay space shuttle program, peaked briefly, WART was off. (PRM-NJ) 11/14 0135-0318 very weak w/space shuttle, some music. (VP-NY)

JZ NY NEW YORK - Jazz Radio in New York noted G101-0212, played no jazz just old Beatles music. Gave phone number but did not work, audio distorted and finally went off 0212 w/problems. (VP-NY)

1620 Kw NY NEW YORK - 2255-0016 "KW Beatleg" noted w/phone calls, went off quickly yelling "the FCC is here." They've been known to pull jokes, though. (VP)

1630 WQUT NY NEW YORK - 11/19 0209 asking for phone calls to NYC area code, Top 40 music, talk on New York radio. (PRM-NJ)

Remember, this is what's been "heard", I am in no way offering any representation or promotion for the above broadcasts, on behalf of the NRC or myself! If I am ever forced to print any information in this column, you can count on the numerous legal broadcasters who never ID during a test broadcast (how often have you heard that?) ever showing in the column again. After all, they're operating against the rules, too!

RANDUMS:

I hope that this type face turns out OK after reduction....I'm hoping to have the regular typer back next week. A very good turn-out this time considering conditions have been as poor as they have been. And remember, we use Eastern Standard Time in this column, I would appreciate your noting if you use CST, MST, GMT, etc. when sending your contributions in. If your ears start ringing some Saturday night, you'll know I'm giving you my blessings-hi!

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.

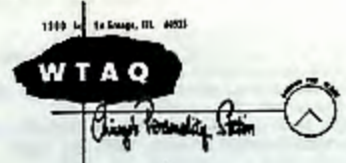
STATION DU JOUR: Surinam. I know, not a station but a country. Anyhow, a coup transpired the first week in December. Poor old RADIKA and R. ABC have gone up in flames whilest R. SMS was taken over by the military and the other three have been ordered off the air. As of Wednesday 12/15 SRS was alleged to be the only station operating. This via R. Norderland and Dave Yocis. However, Dave and Mr. Editor both note a carrier on 914.....

- 526 UNID beacons; two new ones noted 12/7 at 0230... "CYV" and "HRD". Anyone know who they are? (Thomas) CYV and HRD one would presume-CH
- 550 VENEZUELA 0502 11/28 Caracas YVKE to good peaks w/SS ad for something in Caracas; stop CFMB/HONG. (Connolly)
- 555 ST. KIT'S Basseterre ZIZ very good w/SSL mx 0236 12/12. (Yocis) Fair w/reggae mx, man in EE 0210-0221 12/8. (DeLorenzo) Hrd with s/off snact at 0400 12/13. (Renfrew)
- 600 COLOMBIA 0513 11/28 Barranquilla HJHJ loud w/R. Libertad ID and SS talk mentioning 50 kw from Barranquilla. (Connolly) Goodoo/CHXV w/SS vocal and shouted ID's 0226-0229 12/9. (DeLorenzo)
- 600 CUBA program in Russian 0415 12/13. (Renfrew)
- 630 PUERTO RICO La Gran Cadena ID'ed at 0740 12/1. Mentioned San Juan and suburbs frequently. (Renfrew)
- 640 CUBA 0500 11/28 festive LA instrumental mx //660; o/several others including the HJ. (Connolly)
- 640 GUADELUPE Arnouville 1kc, alone w/FF MoR vocals, man and woman in FF 0152-0158 12/7. (DeLorenzo) 2306 11/18 Arnouville loud w/disco, fr talk by woman; way o/YVQU/Surinam/CBN. (Connolly)
- 649.2 UNID with WSM phased, SS male and upbeat LA mx audible but extremely weak; potentially readable with patience. This at 0345 on 12/3. (Thomas)
- 650 VENEZUELA R. Vision heard thru WSM 0255 12/7. Undoubtedly Venezuela but I will have to wait for a complete ID; after all it might be Ecuador. (Renfrew) 2311 11/18 Maracay YVLR very good w/SS ballad, R. Vision Maracay ID; several other SS LA's way under in the background with no WSM. (Connolly)
- 660 CUBA 0500 11/28 festive LA mx //640; just behind WNBC. (Connolly)
- 670 COSTA-RICA R. Monumental with TC's in the middle of songs on "Noche Monumental" program 0745 12/1. Note that this is a new frequency according to new allocations announced in IDX sometime back. (Renfrew) And noted on top of the channel for the first time since their switch 12/19-CH
- 670 HONDURAS HRN, tuned across this frequency just in time to hear call letters, slogan and NA 0503 12/7. (Renfrew)
- 670 VENEZUELA 0457 11/28 Caracas YVLL fair w/Sanco de Venezuela ad; atop other SS LA and strong WNBC/WRKO buckshot. (Connolly)
- 690 CUBA 0452 11/28 SS female vocal //740; the 690 Cuban was superloud, annihilating GBF. (Connolly)
- 700 JAMAICA JBC with headlines and weather 0430 12/3. Female announcer said next news at 6 AM and "hear what's happening in Jamaica and around the world. Listen to JBC". Also ID'd as Radio One. (Renfrew)
- 710 VENEZUELA 2301 11/18 Caracas YVYK clobbering WOR; R. Capital ID, 3S talk. (Connolly)
- 720 COLOMBIA 0442 11/28 Barranquilla HJAN good w/"Unides" ID's, atop a second station which was playing Colombian-style accordion mx. The subdominant station was probably not a second HJ, however, as WRTVH lista HJAN for Colombia on 720. (Connolly)
- 720 NICARAGUA R. Catolica de Nicaragua heard briefly through a mess 0335 12/8. (Renfrew)
- 720 VENEZUELA 2244 11/27 Portlaer YVOE xlint w/mentions of Maracay and other Venezuelan cities. (Connolly)
- 725 SURINAM 2245 11/27 Paramaribo fair to good w/calypso mx. (Connolly)
- 740 CUBA 0452 11/28 female SS vocal //690; good, atop jumble. (Connolly)

OUR DIAL BENDERS THIS WEEK:

- | | | |
|---------|--|----------------------------|
| STAN-MA | Stan Morse, Bradford, MA | HQ180, SM2 |
| JM-PA | John Malicky, Pittsburgh, PA | Aiwa AR 158 |
| JS-OH | Jerry Starr, Hubbard, OH | HQ180, Loop |
| RA-MA | Ray Arruda, Acushnet, MA | HQ180A, Radio West Loop |
| HJH-PA | Harry Hayes, Wilkes-Barre, PA | Zenith Trans Oceanic, SM2 |
| WLCO | Wayne Heinen, Colorado Springs, CO | R390A/URR |
| JB-NJ | John Bowker, Princeton, NJ | |
| ZAK-MO | Terry Klasek, St. Louis, MO | HQ180A, Loop |
| TF-PA | Tony Fitzherbert, Fairfield, CT | Superadio |
| VP-NY | Vince Pinto, Suffern, NY | |
| KG-PA | Kermit Geary, Walnutport, PA | HQ180, SM2, LW |
| CG-TX | Charles George, Dallas, TX | RF2900, LW, SM2 |
| WPT-DC | Bill Townsend, Washington, DC | TRF |
| DB-NE | Dan Bartke, Wahoo, NE | |
| HAT-NY | Rich Hatfield, New Hartford, NY | FRG7 |
| CL-OH | Chuck Kauffman, Lebanon, OH | |
| DOC-NJ | Steve Paradise, Millville, NJ | TRF, LW |
| JB-NY | Jerry Bond, Rochester, NY | GE-TRF |
| BS-NJ | Bob Smolarek, Whitehouse Station, NJ | EA600A, Whip antenna |
| FRN-NJ | Paul Mount, Teaneck, NJ | TRF, Superadio |
| BL-WI | Bob Mielcarek, Milwaukee, WI | HQ180A, SM2 |
| MT-ND | Mike Tuggle, Bel Air, MD | Lyonodyne Xtal, LW |
| DS-DE | Contributors name lost.....on purpose! | HQ180A, SM2, LW, Superadio |

And that winds up another exciting week. Remember, be a dial twister and you'll get a "DI Elister!"



73's - Good DX!

POCKET-SIZED
FUN RADIO

WNAR

Radio One Eleven Oh!

OUR TUNING 27 from issue 11:

- | | | |
|---------|--------------------------------------|----------------------------|
| MR-CT | Mike Roth, Milford CT | TRF, LW |
| HAC-PA | Henry Cotterill, Milford, PA | Grundig 1000, DX 60, LW |
| CAC-WI | Craig Cook, Shorewood, WI | FRG7, Kowalski Loop |
| MD-MA | Marc DeLorenzo, Sudbury, MA | HQ100, LW |
| JWM-CT | John Morris, Greenwich, CT | Superadio, LW |
| CRD-TI | Conrad Durocher, Seabrook, TX | TRF |
| NZ-NE | Neil Zank, Lincoln, NE | HQ180A, RF2600 |
| WIZ-CT | The Wizard of Poquonock | HQ180, LW, HQ145 |
| HAT-NY | Rich Hatfield, New Hartford, NY | FRG7 |
| TF-CT | Tony Fitzherbert, Fairfield, CT | Superadio, DX60 |
| JB-NY | Jerry Bond, Rochester, NY | TRF, ROA 86T |
| BP-IN | Bill Prater, Terre Haute, IN | Superadio |
| CH-GA | Chuck Hutton, Decatur, GA | R390A, Phased LW |
| NW-ON | Neil Wolfish, Toronto, ON | FRG7, SM2 |
| IR-MI | Ian Harris, Milan, MI | TRF, SM2 |
| MR-ON | Mike Reid, Willowsdale, ON | Superadio |
| BH-NJ | Bob Harrison, Union, NJ | Superadio, Zenith T-O, SM2 |
| HJH-PA | Harry Hayes, Wilkes-Barre, PA | R390A, RF2900, LW |
| NAP-AL | Neal Perdue, Falkville, AL | HQ180A, SM2 |
| STAN-MA | Stan Morse, Bradford, MA | ICR70, LW, SM2 |
| MK-WI | Mike Knitter, Cambridge, WI | NJ Grundig 3400, SM2 |
| RH-NJ | Rich Harrison (NYC), Ocean Grove, NJ | HQ180A, SM2 |
| BM-WI | Bob Mielcarek, Milwaukee, WI | HQ180, Loop |
| JS-OH | Jerry Starr, Hubbard, OH | Sanyo |
| GH-KS | Gary Houdek, Munden, KS | Aiwa AR158 |
| JM-PA | John Malicky, Pittsburgh, PA | HQ180A, SM2, Superadio |
| DS-DE | Contributors name lost, on purpose! | |

Would you believe December 6th and 81 degrees inside the house? It was colder in October here than in December! See you all in 2 weeks!

WDLC **WGDL**

AM 1440
FM 94.3

Stainless Broadcasting Co.

WILS
RADIO 132N AM - 101.7 FM

ZAP SAMOA

BROADCASTING SERVICE

The sole commercial radio service broadcasting to the centre of Polynesia with a total population of over 180,000

CHANNEL 1 - 1404 kHz, 10kw
6.00 a.m. - 11.00 p.m. Monday - Saturday
9.00 a.m. - 3.00 p.m. Sundays

CHANNEL 2 - 1062 kHz, 3 kw
5.00 p.m. - 11.00 p.m., Monday - Saturday

The best and fastest publicity medium in Samoa's rapidly expanding market

Third year in broadcasting guarantees our advertisers the services of a professional and competent team.

Write for details and advice -
SAMOA BROADCASTING SERVICE
P.O. BOX 200, APIA PHONE 21-420
WESTERN SAMOA
Cable Address: VOXPAC

750 VENEZUELA Caracas YVKS 2300 11/18 VASA airline ad, other UV ads-loud and way o/WB. 0436 11/28 xint/like a local w/Caracas and R. de Venezuela mentions, then Hall and Oates mx, RJDK noted way under w/ Colombian accordion mx. (Connolly)

760 CUBA/COLUMBIA 0434 11/29 R. Reloj stop w/usual SS mx and time show; HJAJ Barranquilla under w/accordion mx, LV de Barranquilla ID--little evidence of WJR at the time. (Connolly)

765 SENEGAL 2258 11/18 Dakar poor to fair w/native African mx in WABC stop. (Connolly)

770 EL SALVADOR 0533 11/29 San Salvador/San Miguel YSKL o/u WANC; good R. Universal ID. (Connolly)

770 PANAMA R. Nacional w/extended news and commentary on Central America. Many references to Reagan visit 0320 12/7. (Renfrew)

775 UNID nil-fair stop LA mx pre-0500 s/off. S/off and DF suggest HCHP2. This 12/1. (Thomas) Same thing noted here many nights but very weak and no ID's between KZL-CH

776 UNID someone here 0440-0450+ 12/1 testing with OC and causing intermittent hat on 775 stn. (Thomas)

780 BRITISH VIRGIN ISLANDS 2306 11/27 Roadtown ZSVI loud/dominant w/Otis Reading song. (Connolly)

780 COLUMBIA R. Sonorama w/many ID's 0340-0400 12/12. (Renfrew)

790 BARBADOS 0206 11/28 Bridgetown briefly fair to good w/relay of BBC news; WEAN looped. (Connolly)

800 NETHERLANDS ANTILLES 0106 11/29 Bonaire PJB xint w/SS pgm. (Connolly)

810 BAHAMAS R. Bahamas w/gospel mx 0555 12/1. No mention of ZNS in ID. Jazz and pop tunes followed, first new one on my new receiver. (Renfrew) 0544 11/29 Freeport good w/usual Sunday morning black gospel mx pgm; WUY looped. (Connolly)

810 COLUMBIA 0105 11/29 Bogota HJFY good, o/WBY w/Mundo Noticias mx pgm. (Connolly)

825 ST. KITTS Basseterre 2257 11/18 EE preaching, xint. 0101 11/28 local-like w/R. Paradise ID in accented EE then hymns. (Connolly)

830 GUATEMALA Mazatenango in briefly at 0110 12/3 at fair level with TGAV call. Soon faded. (Thomas)

830 VENEZUELA R. Senacion heard through a crowd with fast paced accordion mx 0455 12/7. (Renfrew)

840 CUBA CHEW Santa Claus 12/6 fair-good 0840 w/instrumentals of US pop mx to 0856, partial ID, signal seemed distorted, putting hat on mostly nulled WEAS, another annot at 0900 then mx past 0905. (Mount)

840 HONDURAS R. Honduras with news about central America, frequent time checks between news items 0500-0530 12.2. A new one, but can not log until I find out where it is! WRTH has conflicting info: as one place listing Tegucigalpa R. Nacional but elsewhere shows two R. Honduras outlets. Help. (Renfrew) I'll put my money on whatever Don Moore says in his Honduras list-CH

840 ST. LUCIA noted 12/12 (as well as many evenings previous) from 2300-0000 playing Christmas mx w/female snnr. WEAS can be nulled here leaving the Cuban as the main interference and another SS (possibly Panama). Numerous attempts to tape an ID on the hour have failed. Music comes through better than voice but never at arrchair level yet. I'll keep trying. (Just like a faithful dog...UH) (Muscox)

846 UNID extremely weak carrier detected 0305 12/7 and looped HU. An 800 watt HCBA6 is listed on 845. (Thomas)

860 COLUMBIA LV de Cayaguata w/ID at 0640 12/1-used four chimes (rising in pitch). Valledupar not mentioned but neighboring mountains "La Sierra de Perija" were. (Renfrew)

885 MONTSEKHAT 2224 11/27 Plymouth ZJB fair w/Caribbean mx. (Connolly)

891 ALGERIA 2256 11/18 Algiers xint w/AA vocals, drums, strings. (Connolly)

910 UNID SS mx and talk 0600 12/6. Last 18 issues of IDXD show nothing reported here. (Renfrew) Probably R. Aeropuerto, Venezuela-CH

917.7 NICARAGUA Managua, this is somewhat tentative but could be YNW from 930. Frequent R. Mundial ID's and many mentions of Nicaragua and Managua are evidence. Level almost good but mod poor. Lengthy SS male monologues broken by occasional operatic vocals occurred 0120-0145 on 12/3. (Thomas)

930.8 UNID fair carrier but very poor audio (SS male) here 0215 12/3. Being bothered by wayward Reloj on 931.2 and 930 inhabitants. Looped SSE. (Thomas)

931.2 CUBA Matanzas CMDD presumed the R. Reloj outlet here 0210-0230+ on 12/3. (Thomas)

935 UNID very weak carrier here 0235 12/3; no audio but looped HC. (Thomas)

950 VENEZUELA 0147 11/29 Caracas YVRO dominant w/Caracas ad. (Connolly)

1000 VENEZUELA loud w/Mundial Mil ID's o/WCP4-124 12/17. (Yocis) 0140 11/29 o/others w/Mundial Mil ID, Caracas mentions. (Connolly)

1010.8 CUBA Helguin R. Musical Nacional off frequency at fair level with jazz and SS female DJ //950 at 0400 12/3. (Thomas)

1025 PANAMA David LV de Baru presumed at 0255 s/off' on 12/3 with Panamanian NA. Level poor and sig competing with HJPT. (Thomas)

1050 MEXICO XEO 0430 EE doctor call-in pgm w/mention same pgm on XEPHS-1090, 0500 EE mx and record offer, 11/30. (Houdek)

1080 HAITI 0621 11/28 Port-au-Prince good w/FF talk by man then tropical mx o/WTIC. (Connolly)

1090t COLOMBIA 0625 11/28 accordion mx and repetitive group SS vocal that seemed to go on forever. (Connolly)

1100 ANTIGUA 2316 11/18 St. John's ZDK good w/community event calendar in Caribbean EE way o/WWE. (Connolly)

1110 CUBA Helguin R. Angulo good w/ID at 0420 12/3 and SS female vocal. (Thomas)

1110 VENEZUELA 2254 11/18 Carupeno YVQT w/doorbells, SS talk u/USD, o/WBT. (Connolly)

1120.9 COLOMBIA Cucuta R. Tonchala is here from 1130 w/various types of LA mx and many ID's (uses a 6 note chime before ID). Noted on 12/2 at 0600 ID w/full info including Cadena Grupo Radial Colombiano net mention and stated freq of 1130. KMOX was phased. (Thomas)

1125 COSTA RICA Sonido Once Veinte with strong signal 0635 12/3. Seems not all CR stations have changed from split frequencies. (Renfrew) They got special permission to split-CH

1160 COLOMBIA 0615 11/28 Monteria HJAZ fair w/LW del Sinu ID. (Connolly)

1165 ANTIGUA St. John's CHL 2317 11/18 preaching, fair. Some WWA stop. 0135 11/28 EE preaching. (Connolly)

1175.3 COLOMBIA not sure exactly who this is but am sure it's an EJ. Level is almost good and songs tend to be segued. Uses a call that sounds like "LV do-bli-KAH" and Tendler chimes are audible. S/off on 12/3 was at 0603 w/quick carrier cut and no NA. (Thomas) See last week-CH

1176a COSTA RICA ?? an unid SS here very weak 0251 12/12, thought the Costa Ricans had moved onto even channels? (Yocis)Gotta be HJAK-CH

1191 UNID carrier here 0510 12/5 looped SK. Cuba? (Thomas)

1206 FRANCE 2252 11/18 Bordeaux good w/rock mx then FF talk by man. (Connolly)

1210 VENEZUELA 0610 11/28 Coro YVMW xint w/H. Coro ID, SS female vocal totally stop WSAU/looping unnecessary. (Connolly)

1225 UNID don't know who this is but don't think it is Ecuador. Noted at 0603 s/off on 12/3 w/s NA that doesn't match anything on the Hutton NA tape. Could be the new Nicaraguan NA, don't know. (Thomas)

1270 CUBA 12/6 fair-poor but pip every minute made it through amongst FF/HBC stn/others 0650-0700. (Mount)

1349 MAURITANIA 2250 11/18 Nouakchott in w/big hot against WNIS/WOYK/Canadians but not much audio. (Connolly)

1377 FRANCE 0520 11/18 Lille good w/AA talk. (Connolly)

1476 AUSTRIA 0518 11/18 Wien poor to fair w/light classical mx. (Connolly)

1536 UNID just weak carrier detected 0345 12/5 and looped SSE. Ecuador? (Thomas)

1557 FRANCE 0514 11/18 Nico loud w/man in FF. (Connolly)

1570 MEXICO XERP 2343 US EE mx then ID as Love 16, the station that made Del Rio famous. Pizza Hut and copier ad 11/25. (Houdek)

1580 ANTIGUA 0130 11/28 St. John's VUA good o/CHJ w/"This Week" mx/docu-monetary pgm then VOA ID and EE talk. (Connolly) Loud most evenings this week 0600-0200 w/EE talk. (Yocis) 12/12 and 12/13 2352 carrier on, 2357 s/on snnr and into Yankee Doodle 1S, extreme QRM from WSRF in Ft. Lauderdale. (Hardaster)

1593 WEST GERMANY 0511 11/18 Langenberg xint w/women in GG then nostalgic big band mx. (Connolly)

Mark Connolly-W. Yarmouth, Ms. HQ180A, SM2, 30 m. phased wires
 Harold Lorenzo-Sudbury, Ms. HQ100, SM2, Superadio
 Mike Hardester-Havelock, NC FRG7, R. West loop
 Gary Houdek-Munden, Ks. Sanyo HP8880.
 Paul Mount-Teaneck, NJ TRP
 Ron Muscox-Peachcock, Ct. HQ180A, R. West loop
 Gerry Thomas-Ponasecola, Fla. PHG7, Superloop
 Dave Yocis-Poultfield, Ct. RF2600

That's all, as usual it's about midnight when I finish so no chit-chat. How about reports from your Christmas DX???

Historical Perspective

In the early '70s, Ronald Schutz wrote an article entitled "The Odds on Even TA's". 'Even' TA's are defined as Transatlantic (e.g. European, African) medium-wave stations which occur on frequencies also used by US/Canada stations. Ron's article, of course, was written well before the new eastern hemisphere frequency plan went into effect. Under the old plan, Transatlantic (TA) channels which co-incided with 10KHz spacing US channels were 620, 710, 800, 890, 980, 1070, 1160, 1250, 1340, 1430, 1520, & 1570. American & Canadian DXers heard a number of stations on these channels - notably: Canary Islands- 620 (now 621), France -710 (711), Algeria -890 (now 891), France -1070 & 1160 (now 1071 & 1161), and N. Ireland -1340 (now 1341). Occasionally, Libya -1250 (1251) and Spanish/Czech stations on 1520 (now 1521) made it through.

The stations listed so far have become somewhat easier now that they've moved up 1 KHz. Since the new frequency plan went into effect, the 2-megawatt Saudi Arabian came on 1521. If this station had been on back in the 'old days', it would have sometimes been heard well on 1520, especially at east coast sunset before WKBW faded up to full night-time signal strength.

The Situation Today

The current TA frequency plan even channels are 540, 630, 720, 810, 900, 990, 1080, 1170, 1260, 1350, 1440, & 1530. Since the new plan went into effect (late Nov. 1978), several TA's have been logged on channels corresponding to those used by American stations. These "even" TA's have been received by DXers in two areas of the western hemisphere: (1) from far northern Canada (Brian Vernon in the Yukon) and (2) from the northeastern USA, primarily MA, NY (LI), RI, and NJ (by several DXers including Cooper, Foxworth, Kazarsos, Connolly, Eekman, Straus, and Bailey). Southeastern Canada would also be considered part of the second area. Unfortunately, there hasn't been much 'Exploitation' of the fertile ground of the Canadian Maritimes recently, though. Dunn & Scarlett were active from up that way in the old-plan days.

The two areas represented are two completely different cases in terms of propagation.

Overview - difference between OXing the 'even' TA's and DX'ing TA splits.

DX'ing 'even' TA's is a somewhat different discipline from TA split chasing. Even channel DXing is generally more difficult because of the added dimension of co-channel domestic stations. Paradoxically, though, this more difficult variety of TA DX is less demanding in terms of receiver selectivity and, to a certain degree, sensitivity as well.

The Receiver

A receiver which is quite adequate for domestic DX (such as a Supradio, DX150, or TRF), aided by an SM2 or similar loop, is on par with the best receiver made. Car radios also do well for 'even' TA's, especially if the car is driven to an advantageous location. Receiver sensitivity is not as critical as it would be for split-chasing because the 'even' TA station has to be strong enough to compete with the co-channel domestic stations. In the northeastern US, every even TA channel (except, perhaps, 720 at sunset) has domestics on it sufficiently strong to be above the noise level on the better portable receivers used with an amplified loop or with a properly-tuned longwire of length greater than 30 metres. I have found that the only advantage to a topnotch communications receiver over the Realistic 12-655 TRF for even channel TA DX is that, on the fancy rigs, the AGC can be made slow, thereby smoothing out SSB's (sub-audible heterodynes, or beats), & choppy fading to yield clearer audio. If someone came up with a modification to have switchable fast/slow AGC on a TRF, that renowned portable's usefulness for all kinds of DX would be enhanced measurably. Here in MA, the TRF with SM2 combination gives me as much sensitivity & selectivity as I'll ever need for even (10KHz, multiple) TA DX. The TRF used does have simple modifications such as transfilters, PCIM-177 digital counter, and improved external antenna input (amounting, basically, to more coupling-coil windings on the internal ferrite rod).

The DXer

Receiver requirements for even-channel TA DX may be a good deal less stringent than the requirements for split TA chasing, but the DXer's operational skills must be greater. This especially applies to the qualities of patience & dogged determination. The eastern DXer, especially if within a few miles of the ocean, will find many split TA DX stations to be routine catches if a good communications receiver and loop (or phased-wire system) are used. Indeed, domestic DXing often turns out to be more work than chasing the common split TA's. Even-channel TA DX is more akin to domestic DXing from an interference standpoint; the listener must keep up with domestic station activity on the 12 channels of interest. Aspects such as calls, formats, & locations of domestics on given channels and their sunset sign-off (s/off) times or their silent periods (e.g. Monday morning) are only a peripheral interest to the split-chaser using

tight filter, but these aspects are of crucial concern to the even-channel DXer regardless of the type of receiver being used. In addition to the need for good domestic DX skills & knowledge, the even-channel TA DXer must also have a good handle on international DX propagation & the schedules/languages of the TA station he or she is attempting to hear. Luckily, the heterodynes of the splits will serve to indicate propagation viability and the combined information of the World Radio-TV Handbook (WRTVH) & recent international DX columns (IDX, DXNW/east, & DXNW-2) will help the DXer appraise TA activity on channels of interest.

The Strategy

Without some sort of guidelines, many hours could be wasted sitting on domestic channels waiting for TA DX to emerge from a pile of interfering stations. You can pretty much write off the months of May, June, & July right away. April & August are marginal; unless you're on outer Cape Cod (e.g. Orleans, Eastham) or in Nova Scotia or Newfoundland, not much will be heard.

Working on the concept of September through March reception, we can further limit listening times to two periods of the day (1) from RX-LSS (local sunset at the North American receiving site) to 2 hours later and (2) from 0400 GMT to half an hour after TX-SRS (sunrise at the European, African, or Middle Eastern transmitter site). It should be noted that (1) TA reception up to an hour before RX-LSS is possible if Beverages, large verticals, or high-gain amplified loops are used at eastward-facing beaches & (2) even-channel TA DXing between 0000 and 0400 GMT is generally not productive because domestic interference is heaviest then & because many European stations are silent during that period.

Now that we've narrowed down the working period to about 5 hours a day, for about 210 days of the year; we can further limit DX time through the utilization of propagation analysis. For 540, 630, 720, 810, 900, and 990, we should check for the presence of heterodynes (hets) from TA split stations between 531 & 999 KHz. Similarly, for 1080, 1170, 1260, 1350, 1440, & 1550, we should check for the presence of splits from 1008 to 1602 KHz. On each section of the band, it should be established whether the hets received are likely to be from a wide area of western Europe (including UK & West Germany) or just from lower latitude stations in Spain, Portugal, or Africa. This will guide the even-channel hunt from a geographical standpoint: if no hets from the Germans on 1422, 1539, & 1593 could be found, I wouldn't waste any time looking for Luxembourg on 1440. Before starting any even-channel TA DX session, write down (or mentally note) frequencies of all hets heard and list their portable sources (based upon your own previous split-chasing or that of others in your area). The presence of a country's stations on the high end of the band (e.g. W. Germany-1593) is in no way indicative of whether that country could be heard on the low end (e.g. on 549 or 756). Two separate bandscans for TA split hets are essential. The geographical openings indicated by the low-band scan should be considered a completely separate entity from the geographical distribution of TA DX indicated by the high-band het search operation. You may even want to break the above 1300 KHz. segment into a third band section and do 3 scans, each to be evaluated more or less independently of the others (these could be 531-900, 909-1296, and 1305-1611).

The Location

We recall that even-channel TA's have been logged from two general areas, the Arctic and the northeastern US/Atlantic Canada. The Arctic region DX Data supplied to us by Brian Vernon in Elsa, Yukon Territory represent, largely, skip in the 'doughnut hole' of the auroral zone. His location has two important advantages over the eastern USA: (1) during late autumn & winter, darkness persists nearly 24 hours a day; even when the sun is up, it is at a low angle approximating sunrise or sunset at lower latitudes. One can hear TA's & Trans-Pacific (TP's) regularly during winter at such a location. (2) Absence of local stations; aside from the extreme lack of co-channel & adjacent channel interference that this provides, it also gives the DXer the ability to put as much wire on the receive as it is possible to string out, without fear of the type of overloading that causes spurious responses on sections of the band far removed in frequency from that of the spur-causer. (John Allichin did his famous Beverage DXpeditions in New Zealand from similar no-local-station sites). At Brian's Yukon site, there are few local stations, but also a benefit to TA DX because the auroral zone (to the south) stiffly attenuates signals from southern Canada and the USA. Many TA's & TP's, on the other hand, are able to skip just south of the auroral zone, pass below the absorptive region & finally skip in the reflective 'doughnut hole' on their approach to the receiving site. Northern stations such as those from Sweden may only have to make one or two skips, entirely within the 'doughnut hole'.

Brian has particularly good luck with Greenland, Iceland, Scandinavia, the USSR, & West Asia (e.g. Iran, India); regions almost impossible to log in the eastern USA because of auroral-zone absorption and the high levels of domestic QRM & atmospheric noise. Not only does he get Luxembourg-1440 (a station also relatively common in the Northeastern US) but also Saudi Arabia- 1440 has been heard. The chances of this Saudi ever being able to compete with WFTQ & CF60 at a New York receiving site, for instance, are pitifully small.

As spectacular as the TA DX heard on both split & even channels from the Arctic is, it really demands a separate article (done by Brian Verach) as this DX is so different from what any DXer in the lower 48 states (CONUS) will ever experience at home.

14 The area of concern for this article, therefore, will be the following states: NC, VA, DE, MD, DC, PA, NJ, NY, CT, RI, MA, VT, NH, & ME; and the following provinces: ON, QB, NS, KS, PEI, & NF. Within this region, the DXer's probability of hearing all TA's is governed by the major geographical aspect of distance from Europe (NF best; NS/PEI second best; QI, NB, the New England states, LI (NY), & coastal NJ third best, etc.). Even-channel TA DX may be possible in the midwest, the Rockies, the Pacific NW US/ Southwestern Canada, the south, the Caribbean, & South America but there haven't been sufficient DX reports from those regions to confirm such receptions.

The somewhat-localized aspect of inherent site directionality is another important consideration: what you're shooting for is the strongest possible signals from Europe & Africa and the weakest possible signals from stations which could interfere with the desired TA DX. Site directionality is determined by the physical features about the location, both natural & man-made. A map of the area in the vicinity of the receiving site (preferably a topographic map including elevations of terrain & locations of major structures) is of great use. A daytime groundwave bandscan is also very informative. Suffice it to say that the best site would be characterized by at least 10mi./16km. of salt water (the highest-conductivity naturally-occurring terrestrial surface medium) towards stations of interest (bearings 40° to 110°) coincident with blockage towards NS/Canadian interference sources (typical bearings 200° to 360° & 0° to 30°). Blockage may be in the form of buildings, hills/mountains, or dry sand & sterile (podsol) soil as in the pineclads of Cape Cod & New Jersey. Narrow barrier-beach sites (ocean on outer side, saltmarsh on inner side) are not considered first-class in inherent directionality, as the marsh in the opposite direction of the ocean ruins the all-important blockage aspect. At such a site, the preferred DX location would be at the inland side of the marsh, placing all of the high-conductivity area to the east. Blockage towards unwanted directions is not only best from a QRM-reduction standpoint, but there are also reports of desired station enhancement by a 'focusing' effect at sharply-defined border zones between seawater towards desired DX & poor ground (and/or horizon blockage) in the opposite direction.

A small island or narrow barrier land (e.g. Cape Hatteras) is a fine omnidirectional location. A flat, wide-open farmland with no horizon blockage & with good-conductivity soil is also a good omnidirectional location. The same applies to a mountaintop. For serious TA DXing, however, it is the appropriately directional site that really does the job right. Directional sites mentioned so far have been coastal; however, inland directional sites do exist. The eastern face of a steep mountain could benefit the TA DXer at a receiving site located between the bottom and an altitude 100m. or so below the summit. If there's a lake, river, or swamp to the east of the bottom edge of the mountain's eastern face, all the better. Site directionality is of greatest concern on signals whose arrival angle is lowest, approximating a groundwave. Sunset-period TA reception is most subject to enhancement by favourable site directionality. European sunrise TA skip often arrives at higher angles; reception, therefore, is less site-dependent. DXers more than 100mi./16km. inland will find the 0400 to European dawn period to be most productive, despite the fact that domestic skip QRM is worse than at sunset.

Other important location aspects are those of man-made interference, both in the categories of electrical noise (TV-generated QRM, power-line arcing, light dimmers, etc.) and of local broadcast stations, especially those near frequencies of DX interest. The best location, in these terms, is obviously that which is most electrically quiet and has the fewest strong local AM broadcast signals.

The Stations - channel by channel

As we assess these TA stations on 10KHz- multiple channels deemed likely to be heard, we can call in three significant bodies of knowledge: (1) Actual east-coast US receptions made since the new plan channels went into effect (2) Receptions during old-plan days of former splits ending in 9 which have since moved to 10KHz- multiple channels (useful for stations which merely changed frequency, without changing power, location, or pattern) (3) Probability-of-propagation analysis - relative to new, as-of-yet unlogged stations. An estimation of strength is made based upon a station's power, location, & frequency. Possible reception times are assessed in terms of theoretical strength, interference factors, the requirement of a darkness path, the station's operating schedule, and receiving site locations (several considered).

QRM sources mentioned in the followed list are based upon actual receptions at several sites from New Jersey to Maine.

Most abbreviations in the frequency list below are familiar to international medium-wave DXers; however, for the benefit of others, abbreviations are explained in the notes following this list.

540 KHz (555.6m)

Most Likely:

Morocco	600 Kw	Schedule: 24h
Hungary	2000Kw	Schedule: Rx-LSS to 2325, 0500 to TX-SRS

540 KHz (555.6m) Continued

Longshot Possibilities:

Belgium (150KW), Kuwait (1500 KW)

15

QRM:

At RX-LSS: WLTX (d), WDNV (d), CBT
Later at night: CBT, GJ38, CBEF, YVOU, XEWA, HICM, YHOW, HCFAR, HJVA, WOTO, WDAK, CBE.

Synopsis: CBT fades in at RX-LSS as soon as these TA's do; therefore, QRM free reception just after daylighters s/off is unlikely. Your best bet is to 'sit on' CBT and wait for a CBT fade to yield Arabic programming from Morocco, Uae Morocco to RX-QTH path. The northerly route to Hungary is rarely at peak effectiveness at RX-LSS, the winter if lower-band Germans (e.g. 549,756,763) are loud. Unfortunately, domestic and LA QRM on 540 is apt to be quite heavy at the time.

630 KHz (476.2m)

Most Likely: Tunisia 600KW Schedule: 0430-2330

Longshot possibilities: Zambia (100 KW), Romania (400KW), Norway (100KW)

QRM: WPRO, WMAL, WQBS, CFCY, CJET, CHLT, Cuba, YVEA, YVSL, HJFD.

Synopsis: Tunisia was logged, principally from the Boston area, when it used to be on 629. Unfortunately, most locations will have too much QRM from domestics and LA's to permit such TA reception on 630. If the Algerian on 549 is unusually (overwhelming 550 domestics on an unselective radio), look for Tunisia -630. DXers in NF, away from immediate CBN - 640 and CKCM - 620 sloop zones, will have a good shot at 630 TA's around RX-LSS with CFCY phased.

720 KHz (414.7m)

Most Likely: Portugal 100 KW Schedule: 24h
Tunisia 200 KW Schedule: 0500-2330

Longshot possibilities: West Germany (200 KW & 150KW), East Germany (power unknown), Canary Islands (20KW), Cyprus (500KW).

QRM:

At RX-LSS: YVOE
Later at night: YVOE, WGR, HJAN, Jamaica (The Cuban which was formerly an obnoxious pest has vacated this channel as of Oct. '82).

Synopsis: Portugal is semi-regular at RX-LSS at coastal LI, RI, & MA QTH's during Autumn & Winter. Use 736, 774, & other low-band Spaniards as Iberian Peninsula propagation indicators. For the Germans on 720, check the strengths of the Germans on 756 & 763 and see if those two Germans are over-running the Portuguese on those channels. Cyprus is very unlikely. Tunisia may be noted when Portugal - 720 is strong, listen carefully for Arabic music under Portugal. Canary Islands - 720 might be possible if the Canarian outlet on 621 is unusually loud. Note, however, that Spanish-language programming on 720 at RX-LSS will be YVOE 95% of the time.

810 KHz (370.4m)

Most Likely: Scotland (2 x) 100 KW Schedule: 0600 (0630 Sa/Su) to 0023
Yugoslavia 1000 KW Schedule: 0355 to 2305

Longshot Possibilities: Spain (20 KW), Uganda (100 KW), USSR (150KW)

QRM:

At RX-LSS: WGY, CJVA
LATER AT NIGHT: WGY, CJVA, HJCY, WKVH, ZNS-2, YVLF

Synopsis: Scotland, Yugoslavia, & Spain were logged from the USA when they used to be on 809. 810, unfortunately, has too much QRM for effective DXing, except at directional sites in NF, NS, & Cape Cod/ Cape Ann. Even in those areas, CJVA could be a problem at RX-LSS. Scotland is most likely to be received if BBC- 693, 882, & 999 are loud. The Yugoslav can be expected under the same conditions, provided that the Yugoslavia to RX-QTH path is in 90% or greater darkness. Spain is also possible; check 774 & 855 strengths as a guide. Uganda & USSR aren't too likely.

900 KHz (333.3m)

Most Likely: Italy 600KW Schedule: 0500-2230
Saudi Arabia 1000KW Schedule: 0300 to 0500, 1400 to 2300

QRM: At RX-LSS: WOTW (d), WKXA (d), WJWL (d), CKDH, Barbados, CKTS, YVMD, CIBR
LATER AT NIGHT: the above non-daytimers, plus CHNL, XEW, HJEY

Synopsis: This channel won't be too productive unless you're in the Canadian
Maritimes. The cardioid pattern of a phased Beverage system would be beneficial.
The Italian used to come in well during good conditions when it was on 899.
Those at better TA DE RX-QTH's are advised to check 900 between RX-LSS and 2230
in autumn & winter. Theoretically, reception should be possible from 0500 to
TX-SRS, but domestic QRM is likely to preclude this. Check 846 for possible
parallel operation. If the Italian is coming in around 2230 s/off, watch the
channel from 2230 to 2300 for the Saudi Arabian. On exceptional nights,
it may even show mixed with Italy prior to 2230.

990 KHz (303.0m)

Most Likely: West Germany 300KW & others Schedule: 1635 to 0600

Longshot possibilities: Spain (2 x 10kw), Gabon (20KW)

QRM: At RX-LSS: WLKW (d), CBY, WZZD, YVTA, Grenada
LATER AT NIGHT: the above non-daytimers, plus WNOX, WNYR, HJDB, WMOO, CBW.

Synopsis: 990 is unlikely to yield TA's except at the best coastal sites.
SXing should be attempted after CBY s/off.

1080 KHz (277.6m)

Most Likely: Poland 1500KW Schedule: 0327 (Sun, 0427) to 2300

Longshot possibility: Kenya (100KW)

QRM: At RX-LSS: WTIC, YVQJ, WEMO
LATER AT NIGHT: WTIC, YVQJ, 4VRD, KRLD

Synopsis: TA reception on 1080 is unlikely from New England southward,
primarily because of WTIC. Those in Maritime Canada may find TA's on 1080
between RX-LSS and sunset at Hartford. Use BEC- 1053 & 1089 and W. Germany
1017 & 1269 to indicate possible Poland to RX-QTH path viability.

1170 KHz (256.4m)

Most Likely: Chad 20KW Schedule: 0600 to 2000
USSR 1000KW & 500KW Schedule: *RX-LSS to 2300, 0100 to TX-SRS

Longshot possibilities: Yugoslavia (200KW), Nigeria (50KW)

QRM: At RX-LSS: WKZE (d), WREW (d), WJCC (d), WCRR (d), WBRW (d)
LATER AT NIGHT: WAVA, HJNW, 4VRG, YVQV

Synopsis: Chad & USSR were heard on 1169 before 1978. Check 5485 shortwave
parallel for Chad; Chad is likely to be heard during slight aurora at 2000 s/off.
from NF & NS. USSR might be noted prior to 2300 if mid-band Germans are strong.

1260 KHz (238.1m)

Most Likely: Greece(VOA) 500KW Schedule: 1630-2200, 0300-0630
Spain 20, 2 x 10KW, others Schedule: ? ? ?

Longshot possibilities: Cameroon (20KW & 30KW), Poland (160KW)

QRM: WEZE, MWDC, CIHI, WNDR, NBUD, WHTT, Cuba

Synopsis: Only DXers in NF & eastern NS have a reasonable chance of getting
a TA on 1260. Even from there, WEZE & CIHI may be at troublesome levels at
RX-LSS: a phased-aerials system might be necessary. AD CX could favour
Cameron reception with an "Afro-Beverage" at the eastern NF shore at RX-LSS.

1350 KHz (222.2m)

Most Likely: France 2 x 100KW Schedule: 0428 to 2100

Longshot possibilities: USSR (150KW & others)

1350 KHz (222.2m) Continued

QRM: RX-LSS: WLMH (d), WNTG, WEMH, WOYK, CILN, CHAL, CKAD
LATER AT NIGHT: the above non-daytimers, plus CKAR, WSLR

NOTE: Mauritania, listed in 1982 WRTVH as on 1350, is still on 1349 as of
the date of this article. It is easily heard, often rolling over 1350 con-
petition at MA coast sites at RX-LSS in autumn & winter; its audio, unfort-
unately, is rather shallow. The 1349 carrier must be at least 30db over the
1350 signals to permit clear reception of audio from Mauritania on a car radio
or other non-selective receivers. As this does happen occasionally, chances
are that if Mauritania finally moves to 1350, it should sporadically push
readable audio above the domestic rabble, at least at directional RX-QTH's.

Synopsis: France has been logged on LI & Cape Cod, albeit very rarely. Be
careful: French talk could be of Canadian origin. Luckily, France has stations
on several split frequencies which operate parallel to 1350 (to verify that
French talk on 1350 is indeed from France). Try 1350 just after 0430 if other
French (and/or German & British) high-band signals are really loud. You'll
have to fight off a lot of domestic QRM. The period before 2100 might be useful
in November, December, & January for DXers at eastward-facing New England
beaches & by those in the Canadian Maritimes.

1440 KHz (208.3m)

Most Likely: Luxembourg 1200KW Schedule: *RX-LSS to 0300, 0500 to TX-SRS
Saudi Arabia 1600KW Schedule: 0300 to 2300

Longshot possibility: Nigeria (50KW)

QRM: WFTQ, CPGO, WHER, WRRD, Cuba

Synopsis: Luxembourg - 1440 has been logged in the USA as far south as PA &
NJ. An in-depth discussion of Luxembourg reception may be found in the article
"Your First 40 Trans-atlantic Countries (and then some)". Briefly, your best
reception times are RX-LSS to 2 hours later (English service), and from 0500
to TX-SRS (German Service). Expect to hear commercials & pop music. In the US,
RX-LSS period receptions are restricted to coastal sites; use of Beverages may
permit occasional inland reception at this time. The co-channel Saudi is un-
likely; however, if the 1521 Saudi is in at a titanic level, you might note
parallel Arabic chanting sneaking in amongst the pile of stations on 1440.
The Nigerian might be heard from NF during AU CX.

1530 KHz (196.1m)

Most Likely: Vatican 450KW Schedule: * Most commonly logged 0500 to TX-SRS
Occasionally heard in the 2230 to 2345
period.

Longshot possibilities: Madeira Islands (1kw)

QRM: RX-LSS: WDJZ(d), WAXV (d), WJDN (d), WOPR (d), other daytimers
LATER AT NIGHT: WCKY, Cuba

Synopsis: Vatican is logged in autumn & winter during both of the periods
given above; receptions by DXers in New England, NY, NJ, & PA occur each DX
season on better TA DX nights. Eastern Canadian reception, of course, should
also occur. If high-band mid-latitude indicators such as Monaco-1467, Albania
1395, France- 1557 et al are very strong and if the high-band Germans are at
least fair: check 1530. Religious programs with classical, sacred, or very
soft instrumental music may be noted mixing with WCKY. Many languages are used,
so consult the WRTVH for Vatican's rather complex schedule. Madeira Islands
is listed as a longshot possibility even though it's only running 1KW, because
(1) it was heard by Gordon Nelson in Boston when it used to be on 1529 and (2)
because the path to the US east coast is considered low-loss (low-latitude,
high-frequency, waterpath, relatively short distance). Certainly, DXers at
eastward facing coastal sections of NF & NS should have a good chance at Madeira
Islands at RX-LSS under slightly auroral conditions if a Beverage or high-gain
amplified air-core is fed to a good receiver.

Abbreviations used in frequency list:

AU CX	Auroral conditions
(d)	Daytime domestic station
LA	Latin American & Caribbean stations
KW	Kilowatts of transmitter power
LI	Long Island (New York State)
QRN	interference
RX-LSS	Local sunset at receiving location in North America
RX-QTH	location of receiving site
s/off	station sign off
s/on	station sign on
TA	Trans-atlantic (refers to stations in Europe, Africa, Middle East)
TX-QTH	Transmitter location
TX-SRS	sunrise at transmitter location (in Europe, Africa, etc.)
WRTVH	World Radio/TV Handbook
24h	station operating 24 hours a day

Standard abbreviations are used for days of the week. Post office 2-letter abbreviations are used for states & provinces (e.g. NJ, MA, NY, MS)

Times marked with an asterisk (*) under the schedule headings are suggested working times for the DXer in eastern Canada & the northeastern USA, rather than actual station operating schedules.

Concluding statement

"Even"-channel TA DX is a specialized realm within the still somewhat-specialized realm of medium-wave TA DX. It is analogous to the Deep South American & the US-Regional-Channel Latin American aspects of Pan-American DXing and also, within the sphere of TA DX, to other such specialties as Deep Africans, European commonwave 'graveyard' stations, low-powered British locals, low-powered Iberian peninsula stations, eastern Europeans & TA Asians, etc. All specialties within somewhat wider aspects of international medium-wave DXing have 'cult followings': most specialties can each be identified with particular DXers. (The same aspect of cult specialties pervades many other hobbies such as stereo, cars, ham radio, photography, athletics, and computers.)

You may ask "Why bother with even channel TA DX?". One reason is: in the future if all broadcasters, including the USA & Canada, go to the same channel spacing (presumably 9 KHz). DXing TA's on domestic channels will be the only TA DX "game in town". It is a wise move to familiarize oneself with its possibilities as well as its impossibilities. No one ever expects to hear as many Europeans, Africans, North American & South Americans all share the same channels. By the same token, however, it is ridiculous to assume that TA DX from the northeastern US will become impossible. More difficult, yes - but, as this article should have proven, not impossible. The main difference will be the lack of aplita to use as propagation indicators. Long-haul domestic reception with stations such as KFI, KNX, CBW, KSL, WQAJ, WHO, WCCO, KYEL, & KMOX being heard well on the east coast may serve to indicate propagation viability of TA stations during the European sunrise period. At sunset in North America, some of the bigger TA's should be audible on the less "busy" domestic channels just after the daytimers go off. Listening to WWV for the A & K indices may be helpful. International DX column reports from DXers at the better seaside locations would soon define those TA's most likely to be heard at more average sites under such a frequency-reallocation scheme. Although we've been granted a (temporary?) reprieve from 9 KHz spacing in the western hemisphere, there's no guarantee that the present condition will endure into the 21st century. **K9NF**

COURTESY BY BILL COLEMAN, JR.

Charlotte's WGIV-Am... Facing Foreclosure

Daily News & C. Telegram

CHARLOTTE (AP) — WGIV-AM, a black-owned Charlotte radio station, faces foreclosure and may be sold at public auction next month, a Charlotte attorney says. Rosa Smyth says Firstmark Leasing Corp., an Indianapolis-based financial services company, is taking the action because the owner of WGIV, Harris Communications, has defaulted on a \$1M agreement. Smyth declined to discuss the terms of the default. WGIV attorney Julius Chambers could not be reached for comment.

The assets of WGIV are to be sold in the highest bidder at Dec. 29 auction in Charlotte, according to a notice of sale issued by C. Richard Rayburn Jr., substitute trustee. Smyth said the auction could be avoided if Firstmark and Harris reach an agreement before Dec. 20. In addition, the Internal Revenue Service has filed two liens against Harris Communications for a total of \$87,336 in outstanding debts. A hearing is scheduled on that case next Tuesday in Mecklenburg County

Superior Court. Harris Communications, owned by Philadelphia businessman Garfield Harris, bought WGIV from Broadcast Enterprises Network Inc. for \$1.7 million in 1989. WGIV, started in a garage in 1947 by Francis M. Fitzgerald, has ranked among Charlotte's most popular radio stations for most of the past 35 years.

When Ragan Henry, president of Broadcast Enterprises, bought the station in 1974, it marked the first black ownership of the station.

AM **KCLG** "RADIO" 1230
127 EAST CENTER
P. O. BOX 489
WASHINGTON, UTAH 84750



KMPL AM 1520
KSTG FM 97
125 South Kingshighway - P. O. Box 507
SHELDON, MISSOURI 64682

RADIO FREE EUROPE

A DIFFERENT CONCEPT IN BROADCASTING



The transmitter site at Holzkirchen. The two nearest masts are part of the MW antenna array. A dipole array for SW can be seen in the rear of the transmitter house. The foothills of the Alps are just visible in the background.

Every once in a while you might see a commercial on the tube soliciting funds for Radio Free Europe. What is this Radio Free Europe and why are they asking you, the American public, for financial assistance?

Or, if you have ever had the chance to DX in Europe you have certainly noticed the strange garbled noises on 720 kHz which never seem to produce understandable audio, in any language. This too is a part of RFE. What is it anyway?

Let's start this way... in their own words:

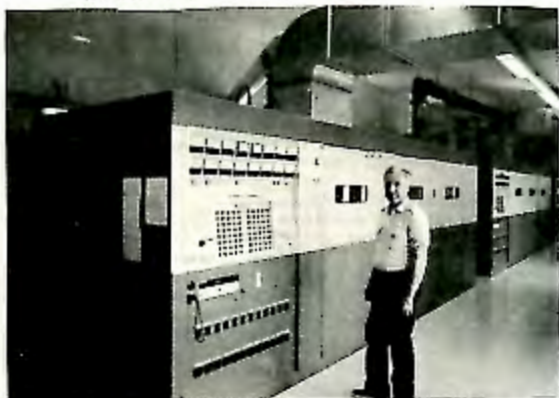
RFE is part of a non-profit, private corporation, operating under American management, funded by Congressional grants supplied through the presidentially-appointed Board for International Broadcasting. RFE is a professional, independent news and information broadcaster whose purpose, in the words of its charter, is to "encourage a constructive dialogue with the peoples of Eastern Europe and the Soviet Union by enhancing their knowledge of developments in the world at large and in their own countries." In making the grants, the BIB, as an oversight agency, is required by law to ensure that RFE, in expending those funds, maintains its professional independence and integrity while operating "in a manner not inconsistent with the broad foreign policy objectives of the United States."

RFE, and its affiliate, Radio Liberty, both operate out of studios in Munich, West Germany, and have transmitter sites at Holzkirchen, south of Munich, as well as other locations in Germany, Portugal and Spain. Since the only MW transmitter is the 150 kW transmitter at Holzkirchen, it is on this site that I will concentrate.

I've spent a great deal of time in Germany and on one occasion went to visit friends newly moved to Munich. On this fine summer weekend in June I also managed to arrange a tour of the RFE facilities.

The first impression one gets is of a high level of security. The studios in Munich are housed in a building meant for a hospital, with huge white-washed walls surrounding the grounds. Upon passing into the parking lot one walks past a guardhouse in front of the main building. A guard there carefully checks all the bags and attaché cases. On the way into the building one walks through a door which must be opened by another security guard from the inside. After you have explained the purpose of your visit to this second guard in his booth behind four thick layers of armored glass, you will be permitted to pass through the next locked door into the building.

broadcasters are prime targets for terrorist organizations. RFE had their first real taste of it in February of last year when a bomb explosion wreaked a considerable amount of havoc and caused \$2 million in damages. Looking at it from that perspective, the precautionary measures are quite justifiable.



Arno Lindner and one of his big babies... one of the 4 250 kW SW transmitters.

RFE broadcasts in Bulgarian, Czech, Hungarian, Polish, Romanian and Slovak, while Radio Liberty broadcasts in 15 of the languages of the Soviet Union. RFE broadcasts from 7 hrs. 53 min. of Bulgarian daily to 19 hrs. 10 min. in Polish. Since the beginning of the crisis in Poland in 1980 more and more time has been given over to Polish, and more of the service is being broadcast over the MW transmitter.

Program material is devoted largely to scheduled newscasts, world press reviews, news analysis and correspondents reports from the scenes of significant development. The intent is to also provide features in a wide variety of cultural, historical and political programs denied the RFE audience by their home media as well as texts of censored indigenous authors, round-table discussions, interviews and the coverage of topical theatre, art and music from the West.

I'd like to take a quote from the RFE/RL guidelines:

In broadcasting to areas which have suffered greatly from nationalistic excesses, it is essential that RFE avoid any programming that could be construed by East European listeners as reinforcing cultural or national prejudices toward other East European nations, toward the Russian people, or toward other nationalities of the U.S.S.R. Cross-reporting to Eastern Europe regarding Soviet developments, in particular the discussion of dissenting Soviet opinion, contributed to the awareness that unofficial thought in the Soviet Union shares much in common with that in Eastern Europe.

further:

RFE and RL make available to audiences a broad spectrum of thought concerning issues of political, social and economic organization. This spectrum should encompass unorthodox Soviet and East European as well as non-Soviet, non-East European, Marxist thought; information on the practice of socialism in other countries; and current non-Marxist political and economic theory.

This sort of programming, being directed at the countries of the eastern bloc, is subject to considerable rf jamming. All of Radio Liberty's frequencies are jammed. RFE is heavily jammed in Czechoslovakia, Bulgaria and Poland and apparently hardly at all in Romania and Hungary. I might add that in approximately 2 years of living in Germany I can still count on the fingers of one hand the number of times when I have tuned across 720 kHz at night without finding the usual garble there.

The jamming does not always originate in the country at which the program is being beamed. For instance, at the time of the crisis in Poland, a large increase in the jamming of the Polish programs was noted, accompanied by a decrease in the jamming of the Czech services. This would lead one to believe that in the emergency situation Czech jammers were being used on Polish program frequencies.

In spite of these concerted efforts of the target governments, RFE claims a regular audience of 37 million people a week. They put up quite a convincing argument to that effect. (Eat your heart out, NABC)

To estimate the audience size under the given conditions is no mean feat. The approach is called the Method of Comparative and Continual Sampling, developed in collaboration with Professor H. Cantril of Princeton.

The sample base is taken from the more than 2 million people from eastern Europe who travel to western European nations. Independent research institutes in Austria, Belgium, France, Germany, Sweden, Switzerland and the U.K. draw quota samples from this number. Approximately 7000 people are interviewed annually, 130,000 since the inception of this research. Statistical extrapolation has produced the following data:

	RFE Listenership		Table I Regular RFE Listeners**
	total adult pop. over 14 yrs (millions)	Listenership* (%)	
Bulgaria	7.0	37	35
Czechoslovakia	21.6	31	26
Hungary	8.5	52	56
Poland	26.7	66	61
Romania	16.7	50	55
totals	70.5	55	51

Within an estimated error of ±5%

* 98.5% listen at least once a month

** All listen once a week or more.

RFE/RL monitoring stations in Berlin, Vienna and Salonika (Greece), VOA monitors in Belgrade (Yugoslavia) and Helsinki (Finland) and the American embassies, particularly in Warsaw (Poland) inform the people in Munich as to the effects of changes and of new developments regarding jamming. The jamming does have its effect, as can be seen from the following table.

The two heavily jammed services, the Czech and Bulgarian programs, consistently lagged in listenership.

	Percentage RFE Listeners in the Adult Population			Table II Polish Crisis 1st Phase, 8-11/80
	77/early 78	78/early 79	79/summer 80	
Bulgaria	24	32	34	32
Czechoslovakia	34	35	38	36
Hungary	49	49	52	61
Poland	46	50	54	69
Romania	57	53	53	64

Thirty percent of the Czechoslovak and 23% of the Bulgarian interviewees said they did not tune RFE because of the jamming. For Polish, Romanian and Hungarian respondents the figures are 11, 4 and 12 respectively.

This seems to suggest that those who do listen in Bulgaria and Czechoslovakia make great efforts to listen in in spite of the jamming. That is called audience dedication.

A presidential report from 1977 called for 3 transmitters for every unjammed language and 4 transmitters for every jammed language. RFE/RL now has sufficient transmitters to meet this criteria with 20 transmitters rated at 250 kW and 25 transmitters (or transmitter pairs) rated at 100 kW. A study from 1979 also suggested replacement of the 150 kW MW transmitter at Holzkirchen, an old Brown-Boveri beast dating from 1951, but these plans are still for the future.

The relay transmitters for the SW link to Portugal and Spain.



The MW transmitter drives a 4 tower array and 4 250 kW SW transmitters at Holzkirchen have quite a selection of dipole arrays and rhombus antennas to choose from depending upon frequency and direction desired.

For the programs to be broadcast from Gloria in Portugal and Playa de Fals in Spain there are 3 transmitters capable of transmitting independent sidband transmissions, i.e. 6 channels of audio information. Each of these channels has a drive power of 5 kW PEP.

Each of the languages has its separate facilities. The facilities seemed to be adequate, although by no means state-of-the-art. There is a monitoring station at Schleissheim, north of Munich, which tracks down newscasts from eastern bloc and other relevant stations for feeding back to the main studios. This forms a basis for part of the material used at RFE. I would really have enjoyed a visit to this "professional DK" station, but time constraints did not permit.

One of the more amazing features at the studios in Munich is the library of Soviet, eastern European and communist affairs. This is the largest private research centre of its type in the West. The material is distributed annually worldwide to more than 1200 scholars, journalists and specialists in public and private institutions, as well as providing broadcast support material. The archives contain 96,000 volumes in 52 languages and about 8 million clippings in 40,000 categories of western press material.

Russian service. Note the Moscow time. The tape machines are for material sent in from the monitoring station at Schleissheim.



Russian service (Radio Liberty) newsroom. The CRTS display in cyrillic script.



All of these facilities necessitate a lot of manpower. Today staff is numbered at more than 1500 people, in European bureaus, in Portugal, in Spain, in Washington and New York, but mostly in Germany. The budget for the 1982 fiscal year was given at \$66.5 million, no insignificant sum, but then this is no insignificant operation.

I would like to take this opportunity to thank Martin Bachstein, Ted Bergstrom and Bill Mahoney at the studios in Munich for their efforts, but I would especially like to thank Arno Lindner for his guided tour of the transmitter site at Holzkirchen on a Saturday afternoon.

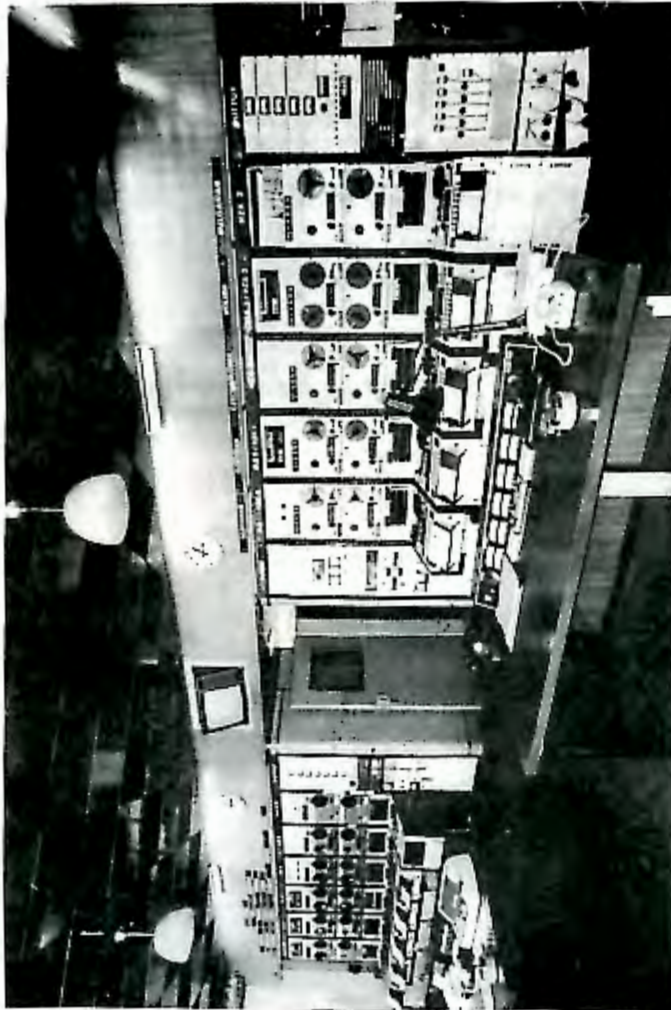
Besides using my own eyes and ears and someone else's camera, I called upon...

The Board for International Broadcasting,
Eighth Annual Report - 1982

- Data Sheets:
- Impact of Jamming on the Reception of RFE/RL Programs
 - Fact Sheet on RFE/RL Listenership, June 1982
 - RFE/RL, A Unique Broadcaster for Thirty Years

Arnie Lietok
10/10/82

MINICH -- THE TECHNICAL HEART OF RADIO FREE EUROPE/ RADIO LIBERTY IS MASTER CONTROL. THROUGH WHICH ALL PROGRAMMING IS FED FOR RELAY FROM WEST GERMANY TO TRANSMITTERS IN SPAIN AND PORTUGAL FOR BROADCAST TO THE SOVIET UNION AND EASTERN EUROPE. THIS SEGMENT OF MASTER CONTROL SHOWS THE RADIO FREE EUROPE WIND OF TAPE DECKS AND CONTROL PANELS. RADIO LIBERTY IS IN THE BACK.



AMERICAN TOP 40 STATION LIST

COPYRIGHT 1982 BY WATERMARK ABC RADIO ENTERPRISES

HOST: CASEY KASEM

Centerville,AL	WBIB	1110	Su 1-5pm	Hays, KS	KAYS	1400	Su 6-10pm
Huntsville,AL	WAAY	1550	Su 12-4pm	Hutchinson,KS	KWHK	1260	Sa/Su 10am
Montgomery,AL	WHYY	1440	Su 10-2pm	Liberal,KS	KSCB	1270	Su 2-6pm
Selma, AL	WHEB	1490	Sa2pm/Su1pm	Topeka,KS	WIBW	580	Su 12-4pm
Tuscaloosa,AL	WTBC	1230	Su 2-6pm	Ulysses,KS	KULY	1420	Sa 1-5pm
Anchorage,AK	XENI	550	Sa8am/Su3pm	Corban,KY	WYGO	1330	Sa8am/Su1pm
Barrow,AK	KBRW	680	Su 1-5pm	Harlan,KY	WHLN	1410	Su 1-5pm
Bethel,AK	KYUK	580	Su 2-6pm	Haskinsville,KY	WKCM	1140	Su 12-4pm
Cordova,AK	KLAM	1450	Mon3-7pm	Madisonville,KY	WTTL	1310	Su3pm/Mon12mi
Fairbanks,AK	KPAR	660	Sa9pm/Su2pm	Middlesboro,KY	WFXV	1490	Sa 10-2pm
Juneau,AK	KJNO	630	Sa2pm/Su7pm	Norehead,KY	WMOR	1330	Su 3-7pm
Ketchikan,AK	KTKN	930	Su 1-5pm	Owensboro,KY	WVJS	1420	Su 8-12noon
Kodiak,AK	KVOK	560	Sa 2-6pm	Paducah,KY	WKYX	570	Su 12-4pm
Kotzebue,AK	KOTZ	720	Su 1-5pm	Paintsville,KY	WSPJ	1490	Su 8-12noon
McGrath,AK	KSKO	870	Sa 12-4pm	Pikeville,KY	WPKE	1240	Su 1-5pm
Sitka,AK	KIPW	1230	Sa 7-11pm	Baton Rouge,LA	WLCS	910	Sa 8-12mid
Page,AZ	KPGE	1340	Su 12:05pm	Lake Charles,LA	KAOK	1400	Su 12-4pm
Phoenix,AZ	KOPA	1440	Sa6pm/Su9am	Monroe,LA	KMLB	1440	Sa 8-12noon
Yuma,AZ	KBLU	560	Sa2pm/Su1pm	Natchitoches,LA	KNOC	1450	Su 1-5pm
Eldorado,AR	KELD	1400	Su 1-5pm	Shreveport,LA	KEEL	710	Su 4-8pm
Harrison,AR	KHOZ	900	Wed6-10pm	Villa Platte,LA	KVPI	1050	Su 1-5pm
Monticello,AR	KHEM	1430	Su 1-5pm	Bangor,ME	WABI	910	Sa/Su 9am
Monterey,CA	KIDD	630	Su 10-2pm	Presque Isle,ME	WEGP	1390	Sa 4-8pm
Oxnard,CA	KACY	1520	Su 9-1pm	Runford,ME	WRUM	760	Su 4-8pm
Redding,CA	KSKO	600	Su 2-6pm	Frederick,MD	WZYQ	1370	Sa 8-12noon
San Diego,CA	KTRA	690	Su 8-12noon	Leonardtown,MD	WKIK	1370	Su 7pm
San Luis Obispo,CA	KSLY	1400	Su 8-12noon	Fitchburg,MA	WVFN	1280	Su 9-1pm
S. Lake Tahoe,CA	KOWL	1490	Su 12-4pm	Worcester,MA	WFTQ	1440	Sa6pm/Su9am
Stockton,CA	KJOY	1280	Sa8:30am	Flint,MI	WTRZ	1350	Su 9-1pm
Ukiah,CA	KUKI	1400	Su 1-5pm	Grand Rapids,MI	WGRD	1410	Su 7-11am
Alamosa,CO	KGIW	1450	Su 1-5pm	Lansing, MI	WVIC	730	Su 12-4pm
Colo. Springs,CO	KYSN	1460	Su 1-5pm	Emidji,MI	KKBJ	1360	Su 3-7pm
Denver,CO	KTNW	950	Su 1-5pm	Mankato,MN	KTOE	1420	Su 6-10pm
Pueblo,CO	KGNQ	1480	Su 12-4pm	Owatonna,MN	KRPO	1390	Sa 1-5pm
Hartford,CT	WDRG	1360	Su 3-6pm	St. Paul,MN	KDWB	630	Su 7-11pm
Willimantic,CT	WTLI	1400	Su 11-3pm	Indianola,MS	WNLA	138C	Su 1-5pm
Washington,DC	WPGC	1580	Su 10-2pm	Jackson,MS	WJDX	620	Su 5-9pm
Ft. Walton Bch.,FL	WNEE	1400	Su 12-4pm	McComb, MS	WBNY	1250	Su 1-5pm
Lakeland,FL	WQPD	1430	Su 8-11pm	Starkville,MS	WKOR	980	Sa8pm/Su12noon
Live Oak,FL	WNER	1250	Sa/Su 1:15pm	Caruthersville,MO	KCRV	1370	Sa 1-5pm
Ocala,FL	WKKK	1370	Su 9-1pm	Fredericktown,MO	KFTW	1450	Su2pm/Thu6pm
Panama City Bch.,FL	WDLF	590	Su 9-1pm	Springfield,MO	KWTO	560	Sa 9-1pm
Sarasota,FL	WKXY	930	Su 2-6pm	Billings,MT	KDCK	970	Su 2-6pm
Mauchula,FL	WAVC	1310	Su 2-6pm	Glasgow,MT	KLTZ	1240	Su 1-5pm
Eastman,GA	WUFF	710	Sa1pm/Su3pm	Glendon,MT	EXGN	1400	Su 12-4pm
Milledgeville,GA	WVAN	1060	Su 12-4pm	Helena, MT	KCAP	1340	Su 8-12noon
Ocilla,GA	WSLZ	1380	Sa 1-5pm	Plentywood,MT	KATQ	1070	Su 12-4pm
Savannah,GA	WVGA	1400	Su 2-6pm	Fairbury,NE	KGMT	1310	Sa 9-1pm
Thomaston,GA	WVGA	590	Su 12-4pm	Hastings, NE	KIOS	1550	Su 1-5pm
Hilo,HI	KIPA	620	Su 2-6pm	Rearney, NE	KRNY	1460	Su 1-5pm
Honolulu,HI	KYFI	830	Su 12-4pm	Ogallala,NE	KOGA	930	Sa 6-10pm
Boise,ID	KFXD	580	Su 8-12noon	Elko, NV	KELK	1240	Su 2-6pm
Burley,ID	KBAR	1230	Sa 7-11pm	Winnoucca,NV	WVNA	1400	Su 2-6pm
Grangeville,ID	KORT	1230	Sa 8-12mid	Franklin, NH	WFTN	1240	Su 9-1pm
Lewiston,ID	KOZE	1300	Su 8-12noon	Hanover, NH	WYCR	1340	Sa 9-1pm
Moscow,ID	KAPL	1400	Su 2-6pm	Portsmouth,NH	WHEB	750	Sa7am/Sa8am
Croftino,ID	KLER	950	Sa 8-12mid	Asbury Park,NJ	WJLK	1310	Su 11-3pm
Pocastello,ID	KZDQ	1290	Sa9pm/Su1pm	Atlantic City,NJ	WOND	1400	Su 9-1pm
Chicago,IL	MLS	890	Su 9-1pm	Albuquerque,NM	KAMX	1520	Su 12-4pm
Olney,IL	WVLM	740	Su 1-5pm	Gallup, NM	KYVA	1230	Su 12-4pm
Salem,IL	WJSD	1350	Sa1pm/Su6pm	Santa Fe, NM	KTRC	1400	Sa3pm/Su10am
Columbus,IN	WCST	1010	Su 12-4pm	Buffalo, NY	MKBN	1520	Su 4-8pm
Evansville,IN	WGFJ	1280	Su 10-2pm	Fulton, NY	WOSC	1300	Sun 1-5pm
Muncie,IN	WERK	990	Su 10-2pm	Clen Falls, NY	WNSC	1450	Sa7-11pm
Rensselaer,IN	WRIN	1580	Sa 8-12noon	Kingston, NY	WKNY	1490	Sa8am/Su2pm
Terre Haute,IN	WBOB	1230	Su 10-2pm	New York, NY	WNBC	660	Su 9-1pm
Davenport,IA	KSTT	1170	Su 9pm	Olean, NY	WVNS	1360	Sa 9-1pm
Dubuque,IA	WDBQ	1490	Su 3-7pm	Oneonta, NY	WDOE	730	Sa10am/Su7pm
Fairfield,IA	KNGD	1570	Sa 1-5pm	Potsdam, NY	WPDN	1470	Su 12-4pm
Marshalltown,IA	KDAC	1190	Su 12-4pm	Utica, NY	WTLB	1310	Su 9am/7pm
Huron City,IA	KRHU	1490	Su 1-5pm	Watertown, NY	WTVN	790	Sa4pm/Su7pm
Dodge City,KS	KEDO	1550	Su 1-5pm	Ashville,NC	WISB	1310	Sa 10-2pm
Goodland,KS	KLOE	730	Su 1-4pm	Brevard, NC	WPNF	1240	Sa 9-1pm

Canton, NC	WWIT	970	Sa	1-5pm
Chapel Hill, NC	WCHL	1360	Su	12-4pm
Charlotte, NC	WBT	1110	Sa	9am/Su10am
Elizabeth City, NC	WCNC	1240	Sa	10am/Su3pm
Fairmont, NC	WFNO	860	Su	1-5pm
Forest City, NC	WBBO	780	Su	9-1pm
Hendersonville, NC	WHEP	1450	Su	2-6pm
Jacksonville, NC	WJLZ	1290	Su	12-4pm
Lenoir, NC	WJRI	1340	Sa	9am/Su7pm
Murphy, NC	WCVP	600	Sa	1-5pm
Newland, NC	WJTP	1130	Sa	1-5pm
Rockingham, NC	WAYN	900	Su	12-4pm
Wilkesboro, NC	WWNC	1240	Su	12M/We8pm
Dickinson, ND	KDIZ	1230	Su	1-5pm
Cambridge, OH	WILE	1270	Su	1-5pm
Dover, OH	WJER	1450	Sa	7-11pm
East Liverpool, OH	WOHI	1490	Su	1-5pm
Lima, OH	WCIT	940	Su	1-5pm
Middleport, OH	WMPO	1390	Sa	8-12N
Springfield, OH	WIZE	1340	Su	9am-8pm
Toledo, OH	WOHO	1470	Su	10-2pm
Lawton, OK	KSNO	1380	Su	2-6pm
Corvallis, OR	KFLY	1240	Su	9-1pm
Enterprise, OR	KMVR	1340	Su	1-5pm
Medford, OR	KYJC	1230	Su	1-5pm
Portland, OR	KCW	620	Su	10am/Mon2am
The Dalles, OR	KACI	1300	Su	12-4pm
Allentown, PA	KNAP	1320	Su	6-10pm
Altoona, PA	WRTA	1240	Su	1-5pm
Bedford, PA	WAYC	1600	Su	9-1pm
Clearfield, PA	WCPA	900	Sa	7pm/Su1pm
Emporium, PA	WLEH	1250	Su	12-4pm
Johnstown, PA	WCRO	1230	Su	10-2pm
Lewistown, PA	WNRP	1490	Su	10-2pm
Headville, PA	WMOG	1490	Su	1-5pm
Milton, PA	WMLP	1380	Su	1-5pm
State College, PA	WRSC	1390	Su	12-4pm
Wilkes Barre, PA	WRRZ	1340	Su	10am-7pm
Williamsport, PA	WNPT	1450	Su	12-4pm
Charlestown, SC	WGSC	1390	Su	10-2pm
Cheraw, SC	WCRE	1420	Su	1-5pm
Florence, SC	WJMX	970	Sat	3-7pm
Gaffney, SC	WFGN	1570	Su	12-4pm
Newberry, SC	WEDK	1240	Su	2-6pm
Orangeburg, SC	WIEZ	1150	Su	7-11pm
Rapid City, SD	KKLS	920	Su	12-4pm
Sioux Falls, SD	RELO	1320	Su	4-8pm
Volga, SD	KVAA	910	Su	2-6pm
Cookeville, TN	WNPT	1550	Su	8-12N
Jackson, TN	NTJS	1390	Su	1-5pm
Jonestown, TN	WDEB	1500	Su	6-10pm
Johnson City, TN	WETE	790	Su	1-5pm
Paris, TN	WTPR	710	Sa	12-5pm
Union City, TN	WENK	1240	Su	2-6pm
Big Springs, TX	KBST	1490	Sa	1pm/7u6pm
Brownwood, TX	KBWD	1380	Su	1-5pm
El Paso, TX	KSET	1340	Su	12-4pm
Galveston, TX	KILE	1400	Su	7-11pm
Longview, TX	KFRD	1370	Su	8-12mid
Odessa, TX	KRIG	1410	Su	12-4pm
San Angelo, TX	KGKL	960	var	times
Sherman, TX	KIXN	910	Su	6-10pm
Cedar City, UT	KBRE	940	Su	1-5pm
Hanti, UT	KMTI	1590	TH	7pm/Su3pm
Price, UT	KOAL	1230	Su	12-4pm
Salt Lake City, UT	KCPX	1320	Su	9-1pm
Montpelier, VT	WSKI	1240	Su	7-11pm
Rutland, VT	WSYB	1380	Su	10-2pm
Bedford, VA	WBFL	1350	Sa	10-2pm
Charlottesville	WXAM	1400	Su	12N/Wid.
Danville, VA	WBTH	1330	Su	2-6pm
Staunton, VA	WTON	1240	Su	5-9pm
Tappahannock, VA	WRAR	1000	Su	4-8pm
Winchester, VA	WINC	1400	Sa	6pm/Su6pm

Hoquiam, WA	KGHO	1560	Su	12-4pm
Olympia, WA	KGY	1240	Sa	7pm/Su4pm
Seattle, WA	KJR	950	Sa	6am/Su7pm
Spokane, WA	KFRB	790	Su	9-1pm
Walla Walla, WA	KUJ	1420	Su	10-2pm
Wenatchee, WA	KXNW	1340	Su	2-6pm
Charleston, WV	WKAZ	950	Su	12-4pm
Clarksburg, WV	WPQZ	1400	Su	9-1pm
Huntington, WV	WKEE	800	Su	8-12N
Morgantown, WV	WCLG	1300	Su	1-5pm
Parkersburg, WV	WPAR	1450	Sa	9pm/Su6pm
Eau Claire, WI	WEAQ	790	Su	2-6pm
Waupaca, WI	WUXY	800	Su	3-7pm
Casper, WY	KATI	1400	Su	6-10pm
Jackson, WY	KSGT	1340	Su	2-6pm
Laramie, WY	KOMB	1290	Su	7-11pm
Hawkins, WI	KRAL	1240	Su	12-4pm

American Samoa

Fago Fago	WVUV	648	Sa	1-5pm
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Australia

Adelaide, S.A.	5AD	1323	Sa	3-7pm/Sunm. Sa5-9pm/Wint.
Albany, W.A.	6VA	783	Fri	8-12mid
Armidale, N.S.W.	2AD	1134	Su	9-1pm
Born, S.A.	5RM	801	Sa	9-1pm
Canberra, N.S.W.	2CA	1053	Su	2-6pm
Coober, N.S.W.	2YL	918	Su	6-10pm
Gladstone, QLD	4CD	927	Su	10-2pm
Guddadah, N.S.W.	2MO	1080	Sa	1-5pm
Hobart, TAS	7HT	1080	Su	12-5pm
Kalgoorlie, W.A.	6KO	981	Th	7-10pm
Launceston, TAS	7EX	1008	Su	3-7pm
Lisnore, N.S.W.	2LN	900	Tu	6-10pm
Mamour, QLD	4NA	828	Su	8-12N
Salz, VIC	3TR	1242	Su	4-8pm
Sydney, N.S.W.	2UN	1107	Su	6-10am
Taree, N.S.W.	2RE	1557	Sa	7-11pm
Toowoomba, QLD	4AK	1242	Su	12M/TH8pm
Wagga Wagga, N.S.W.	2WG	1152	Su	7-11pm
Warrnabool, VIC	3YB	1314	Su	9-1pm
Whyalla, S.A.	5AO	1242	Sa	9-1pm
Wollongong, N.S.W.	2WL	1314	Su	6-10pm

Canada

St. John, NB	CFBC	930	Su	4-8pm
London, ON	CJKB	1290	Su	4-8pm
New Glasgow, NS	CXEC	1320	Su	2-6pm
Prince Albert, SA	CXBI	900	Su	1-5pm
Westmont, PQ	CKGN	980	Su	10-2pm

Central America

El Salvador	FSLN	630	Su	9-1pm
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South America

Bogota, Columbia	HJXN	1280	Non-Sa	6-7pm
Call, Columbia	HJJP	1080	Non-Sa	6-7pm
Medellin, Columbia	HJMI	1470	Non-Sa	6-7pm

Great Britain

Isle/Man. Gr. Br.	MANX	1368	Sa	10pm
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Agana, Guam

Agana, Guam	GUAM	620	Su	2-6pm
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New Zealand

Auckland	1XA	1476	Su	9-1pm
Hamilton	1XW	954	Su	5-9pm
Palmerston North	2XS	1350	Sa	varies
Wellington	2ZM	1161	Su	9-1pm

Johannesburg, South Africa

Johannesburg, South Africa	BCR	702	Su	6-10pm
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West Indies

Ostries, S. Lucia	RSL	660	varies	
St. Johns, Antigua	ABS	620	varies	
Trinidad, Port of Spain	610	Su	1-4pm	

I bought a Drake R-7A last summer and thought I'd share some observations on it. I won't quote all specifications as Chuck Hutton did a fine job of that back in October 1979 (Vol.47 Number 1). Only a couple of things differ in the "A" version anyway. It has digital frequency readout, covers 0-30 MHz with no gaps, has a noise blanker as standard and comes with the 2.3 and .5 MHz second I.F. filters. All else is the same as the previous R-7 receivers.

When I started looking for a radio to replace my R-390A, I had a few requirements in mind:

1. Performance - It's gotta be good!
2. Size - After two years of moving the R-390A to the beach house, I was determined the next radio had to be smaller than a breadbox and light enough to carry easily under one arm.
3. Power - Had to work on 12vdc as well as house current.
4. Coverage - At least 100 KHz to 30 MHz.

The R-7A did this and more. Also, since it is built in the USA, parts and service are a snap.

After a few months of use, I'm quite happy with it. Some points:

12 volt operation is provided by a jack on the back. When operating on house current, about a half ampere of 12vdc (13.5 volts, actually) is available to power outdoor gear. I power a loop amplifier with it and no increase of heat in the power is noticed.

Tape output - At the correct level for most HiFi equipment. Works fine with my Sony reel-to-reel. This level is not affected by the setting of the volume control.

Antenna selector - It can switch between three antennae and send two of those out to another receiver. By putting one antenna to 'main' and a second one to 'ext. revr' and putting the selector switch to 'main/main' the splitter works as a combiner. Such as with two phased longwires....or longwire and loop, or.....

As Chuck found, sensitivity is more than adequate. I use an external 35MHz low pass filter. There are three TV stations and an FM not too far away and I prefer not to have their signals in my radio. They caused spurs in my R-390A. A 3-db pad is also used between the R-7A and the filter, mostly for properly terminating the filter in a 50 ohm load. Even with all this stuff between the radio and the antenna, external noise is still the limiting factor on weak signal reception.

Strong signal handling seems fine. My location isn't too tough, though. The three strongest signals are 65 mv/m, 30 mv/m, and 28 mv/m. By comparison, at one mile, a 1 Kw non-directional station will show 150-250 mv/m signal strength. Three signals less than 100 mv/m is not a hard test. A few weak internally generated signals are audible. None are in the nuisance range.

The radio is built with 2.3 and .5 MHz second I.F. filters. A bypass position is wired in which only uses the first I.F. filter of 8-10 KHz bandwidth. Almost HiFi in sound quality. Factory options of interest are filters of 6 or 4 KHz bandwidth. Sherwood in Denver makes a 3 KHz filter. I haven't used any of these yet.

Notch filter - Quite effective and easy to use. There is an in-out switch control, with a knob to position the notch in the passband.

Three AGC speeds are provided, plus "off" for manual gain control only. 'Slow' and 'medium' are good for BCB DX. 'Fast' is for code transmission with full break-in. (QSK in ham lingo) This is what the factory said when I inquired about poor AM operation in 'fast' mode.

The digital display reads out to the nearest hundred Hertz. It does jump back and forth when the frequency is about halfway between 100 Hz points. I don't find it a problem, though. Stability is great, short or long term. I leave my R-7A on continually as is my habit with some transistorized equipment. If any drift is noticed, chances are pretty good it's at the other end.

The noise blanker is pretty good, depending on what it's up against. I haven't seen a more effective one, and this has no adverse effects on a desired signal. I did have experience with a blanker on another brand of radio that caused spurs and intermodulation noise in the presence of a strong signal. This one appears to be pretty solid.

Audio - The AM mode is only fair. The audio is much cleaner and clearer in the SSB/CW mode. The internal BFO must be centered on the carrier frequency, of course. This effect is much more pronounced with weak signals. Upper or lower sideband reception can be chosen with the passband tuning without disturbing the main tuning. A good synchronous detector would help a lot here. It looks quite easy to add, too. I'm working on a circuit, now. The internal speaker is as good as a small speaker can be in a less than optimal enclosure. An external speaker does help greatly. A headphone jack on the front seems to drive most any headphone well.

Tuning range - The top end of the BCB is a problem. The bandpass filters in the front end are arrayed so that one filter covers the BCB. This is fine except that

when this filter is selected, the radio (this one at least) only tunes up to around 1545 KHz. To get the rest of the band, you must use the next bandpass filter up. This has a low end cutoff point of around 1650 KHz, and causes a noticeable decrease in signal strength from 1500 - 1610 KHz. Switching in the built-in preamp helps some but it still isn't great. This preamp is inactive below 1500 KHz, by the way. Example: Local station WADK-1540 is about 5-7%. With the preamp, 5-8%. By going over-range on the 1.0 - 1.5 MHz position the signal is about 10db over 3-9. This may seem like a lot of signal, but weak stations do disappear into the noise. I tried extending the range of the tuning oscillator to cover up to 1610 KHz or so. This produced a very annoying birdie around 1595 KHz. This wasn't satisfactory so another method was tried. By moving the band selector from the 1.5 - 2.5 MHz band back toward the 1.0 - 1.5 MHz position, a point was found that had the tuning oscillator in the 1.5 - 2.5 MHz band range working with the ECB front end filter. This was satisfactory on a temporary basis. Long term efforts will involve moving the low frequency cutoff point of the 1.5 - 2.5 MHz band filter to the 1.5 MHz area. This is the only annoying quirk found.

Durability seems to be fine. Good construction and parts are in evidence throughout the unit. My house was hit by lightning late this summer. The strike took out some coax connectors and an antenna loading coil. The radio only lost a small antenna input disc capacitor. No other problems were noted. A good cold water pipe ground did help, as did a 'Blitz Bug' type lightning arrester.

In conclusion, I'm very happy with the radio. Longwave performance is quite good, shortwave in excellent, and the ECB is at least as good as the R-390A. I'd still buy it if I had to do it over again. Cost? Well when I got this radio earlier this year, the best price found was from "Ham Radio Outlet" in Anaheim, California. The cost in May 1982 was \$1400.00

typed at HQ

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SOUND TRACK OF THE 60'S			HOST: GARY OWENS	WATERMARK ABC ENT.		
GUNTERSVILLE, AL	WGSV-1240	SUN 1-4PM	MILBANK, SD	KMSD-1510	SAT 9-12N	
HUNTSVILLE, AL	WFIX-1450	SUN 3-6PM	UNION CITY, TN	WENK-1240	SUN 9-12MID	
CORDOVA, AK	KLAM-1450	FRI 3-6PM	DALLAS, TX	KAAP-1310	SAT 6-9AM	
KODIAK, AK	KVOK-560	SUN 3-6PM	MCALLEN, TX	KRIO-910	SAT 9-12N	
TUCSON, AZ	TKKT-990	SUN 2-5PM	NACOGDOCHES, TX	KCEE-1230	SUN 1-4PM	
DENVER, CO	KRZN-1150	SAT 9AM-12	RUTLAND, VT	WSYB-1380	WED 6-9PM	
GRAND JUNCTION, CO	KEXC-1230	SAT 9AM/	COLLINSVILLE, VA	WFIC-1530	SUN 1-4PM	
		SUN 6PM	HAMPTON, VA	WGH-1310	SUN 11-2PM	
BROOKFIELD, CT	WINE-940	SUN 12-3PM	TRI-CITIES, WA	KALE-960	SUN 12-3PM	
WILMINGTON, DE	WDEL-1150	SUN 7-10PM	PINEVILLE, WV	WVYO-970	SAT 1-4PM	
GAINESVILLE, FL	WGGG-1230	SUN 10-1PM	AUSTRALIA			
MIAMI, FL	WGSB-710	SUN 4-8PM	ALBANY, W.A.	6VA-783	SAT 1-4PM	
PANAMA CITY BCH, FL	WDLF-590	SUN 5-8PM	HORSHAM, VICT.	3WM-1089	SUN 10-1PM	
ATLANTA, GA	WXIA-790	SUN 9-12N	SWAN HILL, VICT.	3SH-1332	SUN 4-7PM	
DALTON, GA	WBLJ-1230	SAT 3PM/	WOLLONGONG, N.S.W.	2WL-1314	W/TH/FR 1-2P	
		SUN 8PM	CANADA			
HONOLULU, HI	KSSK-590	SUN 2-5PM	CALGARY, AB	CHFM-1140	SUN 12-3PM	
BOISE, ID	KFXD-580	SAT 10-1PM	DRYDEN, ON	CKDR-900	SAT 2-5PM	
POCATILLO, ID	KZBO-1290	SAT 2-5PM	FT. ST. JOHN, BC	CKNL-560	SUN 6-9PM	
INDIANAPOLIS, IN	WVDE-1260	SUN 6-9PM	HALIFAX, NS	CHNS-960	SAT 6-9PM	
LEXINGTON, KY	WLWK-590	SUN 4-7PM	KINGSTON, ONT	CKWS-960	SAT 3-6PM/	
LOUISVILLE, KY	WKY-790	SUN 3-6PM			SUN 9-12M	
MADISONVILLE, KY	WTTL-1310	SAT 8-11AM	OTTAWA, ONT	CFRA-580	SAT 6-9PM	
MIDDLESBORO, KY	WFXV-1490	SUN 2-5PM	PEACE RIVER, AB	CKYL-610	SUN 6-9PM	
PRESQUE ISL, ME	WKZX-950	FRI 7-10PM	PETERSBOROUGH, ON	CHEX-980	SUN 9:30AM/	
GARDNER, MA	WGAW-1340	SUN 12-3PM			SUN 12:30AM/	
HATTISBURG, MS	WXX-1310	SAT 9AM/	RED DEER, AB	CKRD-850	SUN 9-12N	
		SUN 12N	ST. ALBERT, AB	CKST-1070	SAT 7-10PM	
FLAT RIVER, MO	KFMO-1240	FRI 2-5PM	WINGHAM, ONT	CKNX-920	SAT 8-11PM	
BOZEMAN, MT	KBMN-1230	SAT 9AM/	GUAM			
		SUN 7PM	AGANA	KGUM-570	SAT 6-9PM	
BUTTE, MT	KXLF-1370	SUN 3-6PM	NEW ZEALAND			
GREAT FALLS, MT	KODI-1450	SAT 9AM/	CHRISTCHURCH	3ZB-1098	SUN 3-6PM	
		SUN 3PM	WELLINGTON	2ZB-1035	SUN 3-6PM	
SCOTTSBLUFF, NE	KNEB-960	SUN 8AM/	WHAKATANE	1XX-1242	SAT 11-2PM	
		MON 1PM	SINGAPORE			
HANOVER, NH	WDCR-1340	SUN 1-4PM	SINGAPORE	REDI-UNK	UNK TIMES	
HACKETTSTOWN, NJ	WRNJ-1000	SAT 10-1PM				
SANTE FE, NM	KTRC-1400	SAT 9AM/				
		SUN 4PM				
BUFFALO, NY	WGR-550	SUN 12-3PM				
FULTON, NY	WQSC-1300	SAT 9-12N				
CHARLOTTE, NC	WBT-1110	SAT 10PM/				
		SUN 2PM				
WILMINGTON, NC	WMFD-630	SUN 6-9PM				
FOSTONIA, OH	WFOB-1430	SUN 2-5PM				
GALLIPOLIS, OH	WJEH-990	SAT 9-12N				
ENID, OK	KCRC-1390	SAT 9-12N				
ALLENTOWN, PA	WAEB-790	SUN 12-3PM				
CARLISLE, PA	W100-1000	SAT 9AM/				
		SUN 1PM				
CAMDEN, SC	WCAM-1590	SAT 9-12N				

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790 KKB3L Ron Haney CE	WH	1224 EAK1Z1 José María Roldán Dir.	JT*
XERV1u Luis Copero Alarcón Technico	JT	EAK1Z1 Andrés L Canadas Machado Dir	JT*
de Audio		1250 KCFE1 George Nicholas	BP
800 PJEa Billie Will	BP	KIXC1b Pat McCauley CE	BP
VONR1 Everett E. Hudson PD	JT	1260 KUNZ1 Darrel Gander CE	JF
KL7T1 Scott Douglas OpM	WH	WBEGf Ted Alexander CE	BP
810 KCMQgh F. Frank ESU	BP	WRDE1m Roger Helling E	BP
WAT1fa Bob Todd PD/OpM	BP	1265 R Paradise 1 Tom Sneed	JT
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KECWfm Dave Varcek Eng Dept	WH	WWSA1 Martin Foglia CE	BP
WQXZ1b F. Geo. Bond VP/GM	BP	1300 KKB3L Stephen Davis CE	BP
WUCPc Jerry Caylor	BP	WX11b Eddie Jones AE	BP
HOL551 Cmaira Saavedra Robles Sec	JT	1310 WIFEq Kinga G Smith CE	BP
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WECOLb Carl E Stump P/S	BP	WLAW1 Don Eller CE	BP
950 WTJT1 Wm W. Erin Jr GM	BP	1370 KSOPl W.H. Traue (ex NRC) Eng	WH
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WERCc Kevin Mooney DoE	BP	KTBA1 Robert Hill M	JF
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WAVGqm u/u	JF	1380 XECOLu Ing Serafin Carrasco	JT
990 KNIN1 Eddie Bell CE	BP	Suarez CE	JT
1010 WTGC1u Gary Magill AChO	DS	1390 KJAN1m J.A.Gorman GM	JF
KXEN1m Carol Chaboude Secy	BP	1400 KMH1m Bill Curray CE	JF
1026 EAJ48q u/u	JT	1410 WPTF1 Don Payne ChO	BP
1030 KCTAR Nathan Lindsey DoE	BP	WUN1c J.C.Burns CE	BP
1040 YVONpu Angel Márquez Sub-Gte	JT	XEBS1u (See XECC-1580)	JT
1050 WHG1m J.C.Dixon PD	JF	1420 WACT1 Tim Stout PD	JF
WJSB1 J.T.Whiteaker CE/M	JF	1430 WWS1u Jerry Webb GM	ERC
KBUF1 John Webb CE	BP	CJCL1 Jean-Marie Heinhath DoPR BP	BP
KMIS1 Glenn D Hotack SM	BP	WWWQ1 Stuart Graham CE	BP
KSOH1 Dianne McArthur GM	BP	YVJAl Samuel Hidalgo Putrillo Dir	Dir
YSULu Danilo Quintanilla Sub Gte	BP	1 Guillian Carlotti Gte de Prod	
1060 KFILc Larry Scalge CE	BP	1431 CSB2Or1 Lopez de Rona Dir	JT
KHFM1 Mike Ross	BP	1440 WCDS1 Orville E. Cox SR E	BP
WREQL Jerry J Collins GM	BP	WRPof Timothy Duffy CE	BP
WHCL1b John R. Grayson CE	BP	1450 CFJRL J.A.Radford GM	JF
WNFC1 Wayne Harris O/M	BP	WGCALb Susan B O'Grady VP	ERC
1070 KFD1q Clifford W. Koch E	BP	YVZOLu Mervin Lugo NJ	JT
WTSOL Sherman Stern CE	BP		

32 1480 WAME1 Fred Roberts CE DS 1560 XEVIPu Kathy Loretto JT
 WIS4q C.J.Cain CE JR KTW11 John C Rice BP
 1490 WBTAm J.P.Maha CE JF WAGL1m Ann Lattinoro SM BP
 1495 CSR21 lv Antunes Ferreira Dir Gon WWIN1m Thomas Jurek GM BP
 1500 PJC-9 pu u/u JT WSH11 Frank Kowinski CE BP
 WAKE1 Darryl Parks MxD HP 1570 WWSN1 Michael Stram CE SM/ERC
 WPR1m Gary E. Sallee PD EP KVRAl Paige Boyd S/Log D BP
 WWSMfm Bill Huber M JF WHOG1m J. Hogan SM BP
 1520 KWSS1m Carol Ann Nordman TD JF WSSAlm Betty McAllister OIM BP
 KMP1L Joe Darrel CE BF WSWV1mb Barbara Ashburn SM BP
 WGNAL Billy D. Martin P DS 1580 WAXUr1 R.S.Johnson CE BP
 WGNB C.W. Caldwell M DS WCCR1 John R Bowen GM BP
 1550 WMCB1 David Keister P BP WCCR1 John R Bowen GM BP
 XEURL (See 1380 XECC) JT WEY1m Jimmy E Woodward P BP
 1550 KQWBfb Glenn Valenta CE EP WKUN1 Tommy Ashworth BP
 WKVLL Sears L Hallett GM EP WPTN1m A Johnson E JR
 WKDof Wilbur H Goforth GM BF 1584 EAJ57 1 Dr.Julio Aragon Valencia BP
 WTRPF Ralph Clenny M BF 1590 WISOL Rose Cobb Of M BP
 WSAOf Sindi Smith TfxD BP WVNAlm Donna Stonecipher ACE JF
 WYX1m Allison Owens BP 1610 Caribbean Beacon Garth Hodge OpM BP

VERIFICATION SIGNERS FOR THE PERIOD 9/4 - 12/10, 1982 FROM BILL PRATER, T.H. IND.

570 WAXX fm GIL Brothers, CE 1190 KJLA 1 Benton H. Weiss, TO
 WKYX f Joseph Weitlauf 1250 KCFI 1 George Nicholas, AS
 620 WRJ2 fm Edwin R. Martin, CE KTXC 1b Pat McCauley, CE
 630 WKBX 1 Gordon Hand, GM 1260 WBBF f Tod Alexander, CE
 640 WMSO c Kathy McKinnon, OfH WHDE 1m Roger Helling, E
 680 KNBR fmb William E. Newbrough, HTO 1270WVKY 1 Jim Bradley
 WCHN 1b Pete Graves, CE 1280 WIXI 1 Sandy Gooch, H
 730 WJHT 1 Ron La Porte, GM 1290 WBSA 1m Martin Foglia, CE
 800 PJB q Billie Will 1300 KBBJ 1 Stephen Davis, CE
 810 WAT1 fm Bob Todd, PD/OpM WKXI 1b Eddie Jones, Af
 834 "Radio Belize" A. Johnson, ChD 1310 WIFE q Hinsay C. Smith, CE
 860 WQXZ 1b F. George Bond, VP/GH 1330 WTRF 1m Jerry W. Johnston, ChD
 WUCR c Jerry Caylor 1360 WCEC 1m G. Eleught, CM
 910 WAKO 1 S. Kent Lankford, M WIYN 1 L.E. Gradick
 WDCW 1 Alan Lofevere, CE WLAW 1 Don Eller, CE
 940 WECO 1b Carl E. Stump, P/E 1370 WLOP 1 Dean Webster
 950 WTJT 1 William W. Ewin, Jr., GM 1410 WFTE 1 Don Payne, ChD
 960 KGR 1 Bill E. White, GM WUNI c J.C. Burns, CE
 WERC c Kevin Mooney, DoE 1420 WACT 1 Tin Stout, PD
 990 KNIN 1 Eddie Bell, CE 1430 CQCL 1 Jean-Marie Heimrath DoP
 1010 KXEN 1mb Carol Chaboude, S WNWQ 1 Stuart Graham, CE
 1030 KCTA f Nathan Lindsay, DoE 1440 WCDS 1 Orville E. Cox, Sr., E
 1050 KBUF 1 John Webb, CE WARD f Timothy Duffy, CE
 KMS 1 Glenn D. Hoback, SM 1500 WAKE 1 Darryl Parks, Nus. Director
 KSOH 1 Dianne McArthur, GM WBR1 1m Gary E. Sallee, PD
 1060 KFIL c Larry Sealge, CE 1520 KHPL 1 Joe Darrel, CE
 KHVM 1 Mike Ross 1530 WHCB 1 David Keister, P
 WKKO 1 Jerry J. Collins, GM 1550 KQWB fb Glenn Valenta, CE
 WACL 1b John R. Crayson, CE WKVL 1 Sears L. Hallett, CM
 WNPC 1 Wayne Harris, Owner/H WMOD f Wilbur H. Goforth, GM
 1070 KFJD q Clifford W. Koch, Corp/E WTBP f Ralph Clenny, H
 WTSO 1 Sherman Stern, CE WSAOf Cindi Smith, TrD
 1080 KYNN r1 Stan Stydnicki, P WYX 1m Allison Owens
 WCII f Bruce Clark, CE 1560 KTUI 1 John C. Rice
 WKAC fmb Kirk Harvey, P/N WAGL 1m Ann Lattinoro, SM
 WKGX 1 Charley Little, SM WRJN 1m Thomas J. Jurek, GM
 WNW1 1 D.E. Wiggins, CE WSHY 1 Frank Kowinski, CE
 WPKR 1 Marc G. Edwards, News/D 1570 KVRAl Paige Boyd, S/LogD
 1090 KEXS 1b William A. Williams, P WHOG 1m J. Hogan, SM
 1100 WWFE f Jim Schraitle, E WSSA 1b Betty McAllister, OfH
 1110 KGFL 1 Sid King, CM WSWV 1mb Barbara Ashburn, SM
 WKDZ 1 Leo Y. Wilson, CE Wayne Sizenore, CE
 WKRA 1 Barbara Gilliam TrH 1580 WAXU r1 R. S. Johnson, CE
 1130 KBMR 1 A.L. Anderson, P WCCR 1 John R. Bowen, GM
 WANC 1 Lee Raines, CM MEY 1m Jimmy E. Woodward, P
 1140 WIXC 1b Bill Hoak WKUH 1 Tommy Ashworth
 1150 WGOW 1 Phil Patten, ACE 1590 WJSD 1 Rose Cobb, OfM
 Dale Deason, A 1610 "Caribbean Beacon" Gareth Hodge, OpM
 Mark Humsey, News Director Frank N. Kirchner, OpH

CONTRIBUTORS: DS- Dave Schmidt PA, ERC-ERC-MA, JT Juergen Trochinczyk-Colonge West Germany, JF- Jeff Falconer-ON, Welcome Newcomers! BP- Bill Prater-IN, RHL- Bob Hlavak, and JR- Jim Renfew. 360 FRV See Below. WH is your horrid typist from Colorado... 73 and keep those cards & letters comin' in.....



WAYNE HEINEN
 427 E. CARAMILLO STREET
 COLORADO SPRINGS, CO-80907

DATE: 12/07/82
 PAGE: 1

DEAR WAYNE:

I AM WRITING TO YOU TO REQUEST THAT MY NAME BE PUT ON THE LIST OF STATIONS THAT VERIFY RECEPTION REPORTS.

I AM THE CHIEF OPERATOR IN CHARGE OF W-H-N-D RADIO (560) MONROE, MICHIGAN. WE ALWAYS VERIFY CONFIRMABLE RECEPTION REPORTS WITH A CARD, COVERAGE MAP, BUMPER STICKERS, & ASSORTED STATION PROMOTIONAL SHEETS.

ALL REPORTS MUST BE ADDRESSED TO ME AT W-H-N-D RADIO / 5305 VINEYARD DRIVE / MONROE, MI-48161. NO CASE IS NEEDED.

But atleast send a stamp!
 HQ

Handwritten signature: Jackman R. De...

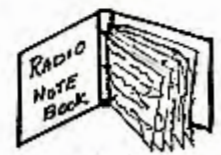
KOY NEW AM STEREO

AM stereo, which became a day-in, day-out reality in a handful of American cities in late July, arrived in Phoenix late last week when KOY (560 AM) became the first AM station in Arizona to broadcast in stereo round-the-clock.
 The adult contemporary station made the changeover at 3 p.m. Friday, although receivers capable of deciphering the stereo signal are not yet available in the marketplace. "We're forecasting the first quarter of '83," said programmer Charles Van Dyke, who is enthused over AM stereo's potential.
 Over the last decade, music-loving listeners have shifted allegiance from longtime AM favorites to stations on the FM band, which have broadcast with greater clarity in stereo.

Van Dyke predicted that stereo may eventually help rejuvenate the AM radio band, which has a greater coverage range than FM.
 "Depending on the quality of the receiver, it could be the great equalizer," said Van Dyke, noting that "the AM system will be able to supply the same range of separation as FM stereo."
 Other AM broadcasters have expressed the same sentiments. "It's definitely going to have an impact. It can start putting AM stations back in competition with FM," Frank Walsh said in early August.
 Walsh, music director of KTSA in San Antonio, Texas, made his prediction after KTSA became the first station in the country to adopt full-time stereo broadcasting.
 Many FM competitors, meanwhile, don't believe AM stereo to be the savior that AM operators claim it to be, deriding it as a promotional and sales gimmick. KOY, according to Van Dyke, doesn't

plans to take full advantage of its stereo capacity. While AM stereo receivers won't be available for a while, recipients will be able to get a stereo effect out of KOY by using two radios, tuned to the left and right side of the station's normal frequency.

The Arizona Republic
 via Cliff Truro



The Presidential "nameako" station.

By Peter Hann

This story was told to me by Mr. Don Barry. Mr. Barry, former news director of WHTR Horrytown, NJ, once worked with the soon to be identified station. Less than a month before the 1952 Presidential election, the owner of WHTN (1340, VT) (now WSTJ), opened up a new station in Newport, VT. Apparently this fellow was a big Eisenhower fan. Anyway, shortly after the Newport, VT station went on the air, the aforementioned manager grabbed a station microphone, and most importantly the microphone/station ID plate, and drove down to Brettleboro, VT, where his favorite presidential candidate was speaking. After the speech the station owner arranged to get his picture taken with his microphone, its appropriate ID plate, and of course, the candidate Eisenhower. The photo was taken, developed and later signed by the candidate turned U.S. President. Certainly the picture of our country has changed since that election back in 1952. However, the call sign of that little Vermont radio station has remained a constant reminder of simpler times, days gone by, and a well loved Commander-in-Chief, namely General Dwight D. Eisenhower, or just known as "IKE", as he was known to millions.....including the founder of station WIKK-1490KHz, Newport, Vermont.



ANARC 1983
Washington Area DX Association
(WAZA)
Association of North American
Radio Clubs
600 Forest Glen
Silver Spring, Maryland 20901

Is anyone planning on attending this Convention? If so, let us know here at HQ. We are looking for at least one person to act as a representative for the Club at the Convention. If you think you will be attending this event, please contact us here at HQ.

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ON JULY 15, 1983 WASHINGTON, D.C., PLAYS HOST TO A UNIQUE GATHERING OF INTERNATIONAL COMMUNICATORS. FROM ALL OVER THE UNITED STATES AND CANADA, AND FROM MANY FOREIGN COUNTRIES, PEOPLE, WHO ENJOY THE HOBBY OF RADIO LISTENING WILL MEET IN THE NATION'S CAPITAL FOR THE 19TH ANNUAL CONVENTION OF THE ASSOCIATION OF NORTH AMERICAN RADIO CLUBS (ANARC). IT'S CALLED ANARC '83, AND IT WILL BRING TOGETHER MANY OF THE BEST KNOWN INTERNATIONAL BROADCASTERS, AND THE LISTENERS WHO TUNE THE SHORTWAVE BANDS EVERY DAY WITH THE AIM OF DEEPENING THEIR UNDERSTANDING OF THE WORLD.

SHORTWAVE RADIO LISTENERS (SWL'S OR DX'ERS) ARE AN IMPORTANT PART OF A GROWING NETWORK OF INTERNATIONAL COMMUNICATION. THEY ARE OFTEN THE BEST INFORMED MEMBERS OF THEIR COMMUNITY, WITH DIRECT ACCESS TO NEWS FROM OTHER COUNTRIES. IN FACT, THEY OFTEN MAKE THE NEWS BY INFORMING THE MEDIA ABOUT BREAKING DEVELOPMENTS. SWL'S ARE TUNED TO THE RADIO-PROPAGANDA WARS IN TIME OF CONFLICT BETWEEN NATIONS. WORD OF EARTHQUAKES IN SUCH PLACES AS CENTRAL AMERICA AND ASIA HAS COME FIRST FROM PEOPLE, WHO WHILE LISTENING TO RADIO FOR ENJOYMENT, FIND THEMSELVES IN DIRECT TOUCH WITH MAJOR EVENTS.

THE ANARC CONVENTION IS THE LARGEST EVENT FOR SHORTWAVE RADIO LISTENERS IN THE WESTERN HEMISPHERE. WITH THE INCREASING INTEREST OF RADIO MANUFACTURERS IN THE MULTI-BAND RADIO MARKET, THE HOBBY HAS GROWN BY LEAPS AND BOUNDS OVER THE PAST 5 YEARS. RADIOS USING THE LATEST IN MICROPROCESSOR TECHNOLOGY HAVE LITERALLY PUT THE WORLD AT OUR FINGERTIPS. BUT ANARC IS DEVOTED NOT ONLY TO SHORTWAVE, BUT ALSO TO PEOPLE WHO ENJOY LISTENING TO THE AM BROADCAST BAND (540-1600 KHZ), OR THE LONGWAVE BAND (BELOW THE CAR RADIO'S TUNING RANGE), OR THE VERY HIGH FREQUENCIES OF THE RADIO SPECTRUM (VHF AND UHF).

IN PREVIOUS YEARS, ANARC CONVENTIONS HAVE BEEN HELD IN MONTREAL, CHICAGO, MINNEAPOLIS, AND PASADENA. FOR 1983, IT'S WASHINGTON, D.C. THERE WILL BE A NUMBER OF MAJOR SPEAKERS, SEMINARS ON TOPICS RANGING FROM WORLD NEWS COVERAGE TO SATELLITE TECHNOLOGY, AND EXHIBITS BY RADIO COMPANIES AND DISTRIBUTORS. AS ALWAYS, MEMBERS OF THE ACADEMIC COMMUNITY INVOLVED IN THE STUDY OF WORLD COMMUNICATION AND INTERNATIONAL BROADCASTING IN PARTICULAR WILL BE ATTENDING.

WE AT THE WASHINGTON AREA DX ASSOCIATION ARE SPONSORING THE 1983 ANARCON. PLEASE JOIN US AT THE WESTPARK HOTEL, ROSSLYN, VIRGINIA FROM JULY 15-17.

Glens Falls radio station begins 24-hour broadcasting

GLENS FALLS — Radio station WBZA, after nearly a quarter century on the air, has obtained its long sought "full-time" license, and a new location on the AM radio dial.

WBZA began around the clock broadcasting seven days a week Oct. 31 on 1230 kHz. The station has operated with a daytime only license at 1410 kHz since 1959.

"We've literally fought tooth and nail for this for years," said company president Dennis Curley. "The effort to obtain what the Federal Communi-

cations Commission terms an "unlimited time license" has been a dream for us for the 12-years we've been here," Curley added.

Pathfinder Communications Corp. the owner of WBZA has received approval from the FCC to operate on 1230 kHz with the power of 1,000 watts days, and 250 watts nights.

Normal overnight programming, once the station completes the change

over, will be to broadcast the Larry King Show, a coast to coast telephone talk feature from the Mutual Broadcasting System. Tuesday through Sunday mornings, (Monday thru Friday nights) Larry King will be heard from midnight to 5:30 a.m.

WBZA went on the air May 28, 1959 as WSET with studios in the Queensbury Hotel in downtown Glens Falls. The company was sold to Curley, Paul W. Van Amburgh, both of Glens Falls, Frank Kelly of Syracuse, and others under the name Soundcasters, Inc. about one year after the present management began their operations in 1970. WBZA employs 24 persons.

MUSINGS

PAUL SWEARINGEN
21629 COTTONWOOD AVE.
RIVERSIDE, CA 92508

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

TERRY VOLUNTEERS FOR BANDSCAN COLUMN

TERRY A. KLASEY - 9720 Vickie Place - St. Louis, MO - 63136 (314) 869-7274
Prepaid only!

Ho Ho Ho! I hope everybody had a very Merry Christmas and I hope a very Happy New Year for all in 1983! Either in a drunken stupor, or a semi-conscious state from smoking too many cigars. I volunteered for the Central Editor for the Musings section of DX News. Hey, that is sheer lunacy! Imagine my surprise when I read in DX News that PAUL SWEARINGEN was a bigger lunatic than I by volunteering to do the entire Musings Section! Lots of luck, Paul, and remember that there are two minds -- hi! (Good and bad, right? -pls) Now I am tired of reading all these boring bandscans in the Musings Section so I have a solution. I volunteer (not that word again -- ugh!) to do a bandscan column for DX News. It will be in a vertical format which should be read a lot easier than in Musings. Sir MIKE of KNITTER talked with me about it on the phone, and let's get ideas from you other readers on this. (Write to Terry at his address. -pls) My DX calendar arrived here one week after I mailed the order. Since it is well known that I can't read I sent cash despite what Mike wrote in DX News. Really great! Everybody should get one, and next year let's put photos of NRC's most notorious members in it (like a centerfold of 12 to 24 photos?) How about a rubber stamp for NRC since it is the 50th anniversary. On 24 Nov. 1982 RICH EDDIE and I sent out 110 CPC letters so hopefully soon I will have some news of forthcoming tests for you all in DX News. I challenge all active members to send out 10% of the number Rich Eddie and I sent out! Let's make this a Classic Test Year (nice pun -- huh?). I will sure miss OLD ERC as Musings Editor, but at the same time I welcome Paul as the new editor. Hope can read my handwriting better than ERC, and maybe I'll even type a Muse in 1983 (maybe hell will freeze over in 1983 too -- hi). Best of DX and 73's. CU in 7 de THX.

PAUL GATHERS DX AT SUNSET

PAUL MOUNT - 471 Emerson Ave. - Teaneck, N. J. 07666 - (201) 836-1137 12/8
Ernie Cooper's last Musings column contained one of mine, and hopefully Paul Swearingen's first column will, too! Wed. 11/24, first of many "Leave work at 4:30 and sunset skip DX as I drive" sessions: WHFY-1590 NC spot for Janie's on First St. in Smithfield, nx, then a/off mention "159 Country," 4:59 pm. WJIK-1580 NC 4:59 pm w/ mention of Jacksonville, then legal ID 5:00. WHFY is needed in Teaneck; however, it is uncountable for me as I maintain strict requirements for putting stations in the heard log. Even something heard in Teaneck but not at home goes into the log with an asterisk. This goes back to the mid-70's discussion where RON WUSCO mentioned "the challenge of hearing a station from your home location," as opposed to this case where I was about 12 miles from home on N17. That night there was a mini GTG at JOE PELA's house in South Plainfield, NJ. Jim Korn from CA, Marty Siegel from Brooklyn and Mitch Unger from Staten Island also attended. We discussed DX, broadcasting, listened to DX tapes and world famous WENG. Notes from trip to RAY ARRUDA's OTG 11/27: 2 towers N of I-95, W of Kimberly Ave, in an E-W line in West Haven, CT-who? WDJZ-1530 gone MOR "playing your favorite MX." WNLC-1510 New London CBS "Southeast CT's 1st station for information." WERI-1230 Westerly RI MBS 301). My friend Bill McFarland works there; at 5:30 on Sunday -- he just started. WONG-550 running some country countdown before noon. WEAN-790 w/Adcon "One Great Song After Another," so not always NX-TLK now. Many towers noted near Providence were ID'd by BRUCE CORTE and CRAIG HEALY at Ray's. More To Come. 73.

DAN LISTS PESTS

DAN HAGGERT - 16 Concord St., Apt. 16 - Ashland, MA (617) 861-1171
First of all, a welcome to our new Musings editor, Paul Swearingen, and a thank-you for a job well done to ERC. Do you like double-aced letters, Paul? (Sure. Why not? -pls) My new address is halfway between Boston and Worcester, and this move really does a number on my DX-302. With a longwire of 150' to 200' (I hope my landlord doesn't mind) I have to attenuate the signal to keep the thing from overloading. WS10-1060 and WKOX-1190 are easily the worst daytime. At night WKOX signs

(HAGGETT, cont.) off and the WSD pattern makes it "only" as strong as WBZ, another superpest. WRRO-880 and WEDH-950 are strong daytime but no overload problem, especially at night. The other pests are WSRO-1470 and, to my surprise, WEEI-590. Considering the pattern, the fact that it overloads the receiver is disgusting. I haven't tried the Superadio here yet. I'll have to use only the SM-1 until I get my antenna tuner back on the longwire. And now a warning to all NRC members in Rhode Island and SE Massachusetts: WAPV-1500 will go 5 kw fulltime, probably next spring. I would guess most of the power will be pointed toward RAY ARRUODA. The news isn't all bad, though. The tx will be moved KW to cover Providence, making the path to SE Mass. more on land and less on the salt water... I can receive WAPV here daytime, but a couple of towns NE and WSMN-1590 takes over. 73's.

FRED VERIES WAAW IN PRESENCE OF C. U.

FREDERICK R. VOBBE - 9052 1/2 Lewis Ave. - P. O. Box 127 - Temperance, MI 48182
 Happy new year from the Toledo/Detroit corridor. No new 560 daytime DX to report, hi. Several interesting things. Last week Tom Gardull, who is a real good friend of mine and the chief operator of WAAW, stopped over to my house to visit. I dialed up WAAW and we listened for an ID. When we heard it I turned to Tom and asked, "Can you verify that we heard WAAW?" He said, "Yep, that's us." At that time I pulled out a blank WAAW QSL card and asked him to sign it. I got the card 3 years ago from the GM. I have been trying to verify WAAW for 10 years! By the way, Tom will very good reports to WAAW. A member of the IRCA wants me to run another test of WHND (560-Konroe). Anyone from the NRC need WHND? Also, as the chief operator of WHND I can guarantee that all accurate reports will be verified with QSL/Bumper sticker/map/ and station info. Station address is: 5305 Vineyard/Monroe, MI 48161. PSA power is 67 watts! Looking back thru past volumes of DX News I haven't seen any mention of WHND in the Domestic DX Digest. Maybe the only listeners we have are GARY SIEGEL and FRANK MERRILL, hi. Like to get in contact with other jingle and aircheck collectors. Please write. Does anyone know why WQPL's signal is so poor? Tried to hear them last night but they just were over the noise level and un-audible! Have several audio projects to build and 6 mathematical computer programs to write, so best of DX in 1983.

SSS DX'ING DOMINATES NIEL'S EFFORTS

NIEL WOLFISH - 15 Donwoods Grove - Toronto, ONT M4N 2K4 12-9-82
 Season's Greetings and a special thanks to ERG for his fine tenure as Musings editor. December seems to be picking up where November left off. November resulted in 17 new stations logged, 13 of which were logged at SSS and 4 from MM. It appears as if almost all DX possibilities are limited to SSS (or if I can wake up, ERG). MM, with the abundance of talk shows and non-ID'ing TT'ers, can be boring. On to December. MM 12/2: logged WSS-1490-NJ along with unns WABJ-MI, WAZL-PA, WBCB-PA, WESB-PA, and WPTA-PA. 12/6: caught WKBQ-1340-NY @ 6 pm w/WLVL-NY, CKNR-ON and CKDK-ON. 12/8: Pipeline to mid-Mississippi river heats up: WTL-1580-KY all alone w/5:30 pm s/off. 12/8 featured a dogfight between unns KQYX-KO and KXXX-AR. Luckily KXXX (formerly KBIB) won the battle, and were dominant @ 6 pm s/off. Milestones are approaching slowly as totals now at 893 heard, 295 verified, and 494 taped. One verie in, from KPNN for a second report to them. Holiday plans should find me in Shaker Heights, Atwater, Akron, and Kent, OH, and possibly Rochester. Best of DX in '83.

MARC LOGS VATICAN, MIDWEST U. S.

MARC DELORENZO - 102 Goodaan Hill - Sudbury, MA 01776
 Recent DX: 11/5 YVKY-710 R. Capital burying WOR w/eds and stn promos 6:27-6:34 pm; R. Paradise-825 local-like w/personal confessions 7:05-7:08 pm. 11/7 Dakar-765 good w/ African vocal and drums 4:55-4:57 pm; WRHC-1550 FL good, atop w/ES ID before power change @ 5:30 pm; WTB-1550 GA fair after WRHC disappearance @ 5:30 s/off w/no anthem; next on the channel was WCGZ-1550 FL weak but alone @ 5:32 s/off - always a thrill to hear this 250-watt midget! Completing the 1550 Hit Parade was WAAV-1550 AL L & C w/T40 5:40-5:42 pm; next was long-bought WGR-1570 AL "Home Town Radio" good w/Christian tx 5:45 pm; R. Cayman-1555 and 1205 noted in parallel @ 6:10 pm w/local tx following BEC nx; later, YVMM-1210 R. Coro good o/u WCAU w/lively SS vocals 11:21-11:27 pm; CROD-1180 R. Reloj good o/u WHAM w/all nx 11:47 pm. 11/8 ZNS3-810 good w/gospel mx 12:25-12:37 am, all alone w/WGY off. 11/14 WBY-1140 PA L & C w/Christian mx to 4:59 pm s/off w/vocal SSB; WJ-950 MI good, atop w/local nx 5:07 - unusual since the channel is normally dominated by WJX or WJZN. This Midwest opening continued on 940 w/WJIX-940 IL good o/CBM w/T40 and contest promo 5:42-5:45 pm - lost abruptly w/power/pattern change. And K10A-940 IA fair o/CMB w/T40 5:55-5:57 when WCPG WS took over

(DeLorenzo, cont.) w/preacher to 6:00 and UPI nx. WKIX and K10A are both new here and most welcome as Midwest openings are rare in this area. 11/19 Algiers-891 L & C w/subdued talk by woman in AA, light instrumental mx, AA vocal 4:37-4:51 pm; CBH-860 NS L & C w/CBC nx @ 5:04 - no sign of usual CJBQ. MM 11/29 WCHS-1520 PA L & C burying WKBH w/50's rock tune and unusual beeping tone 12:27-12:40 am; then a shock in Vatican Radio-1530 u/o WCKY w/13, SE 10, man in 11, and hymns 12:45-1:05 am - first "even channel" TA under the new plan and third overall; Langenburg-1593 and Nice 1557 also in this date around 1:15. 73's.

DAVE LOGS EAST COAST DX

DAVE SCHWIDT -62 Chelwynne Road - Castle Hills - New Castle, DE 19720 12-14
 Now a Musings that will put Paul through the REAL test of strength - hi! To DX: 11/27 WQIB-1510 5:12-5:29 pm w/ WYL, s/off w/no SSB; also WABC-1510 which faded up o/WQIB 5:25-5:28 pm w/ religion then s/off, both w/no sign of the usual WITS/WLAC/WNLK mess. 12/1 WTLN-1520 5:18-5:29 pm w/religious mx until s/off. The Orlando address in the NRC log is NO good; the P. U. returned the letter so it was re-sent to the Apopka address. WTLN is a sister station to local WQCH-740; then later WGNB-1520 w/religious mx, 5:40 until 5:45 pm s/off, mentioning WKEZ-FM. 12/5 WASY-1590 2:23-2:48 am w/rock oldies, peaking way atop a muffed WAKR. P. U. returned that report; the log book address is no good! 12/6 WFLP-570 1:17-1:25 am w/Golf shirt offer, PSA and talk show, way atop then suddenly gone as if running day pattern. 12/12 the test from WJEB-1240 showed nicely 1:18-1:30 w/tone, many ID's, and some mx. WJEB is fairly common in these parts on their AM show. It was good talking w/HUB BINAU, also. 12/13 a very tentative report on KCEB-790 on their test, w/periods of tone noted 3:06-3:08 am and again 3:11-3:16 am. I got just about co-linear culls on WABW-TAR toward the west, but CKLW's splash made that very tough. Spoke w/Bill on this, and he said I may have had it; we'll see what shows up w/future DDBJ reports. Veries now at 1097 adding WBS-710 w/r, nice v/l from WBRW-1320 (PA #151), and "You apparently heard us" written on the bottom of my report to WGNB-1520 w/a program schedule. Some very nice reports were received for the WCRS test on 11/29, thanks to all who wrote, called, and sent tapes. Keep your ears open, as if WKBH is off some in the future, you just may hear me again-hi! I sent back the return postage to all who wrote, which is my usual policy. With 1983 bearing down on us, all should keep their ears open for some Proof of Performance tests which are required once a year. This may give us some unscheduled 3P's for some NSP'ers and some rare daytimers on for a few hours after midnight (AX if they do an honest proof-hi!); Philly area people may want to watch WIP and WFL. They're usually off one or two kHz's in late Feb./early March, especially after rating periods. And that should be about it from this end for now, more as it hits the wire. Good luck to PAUL with the Musings section, also! 73's.

WECO MAY RUN A TEST

TOM CONNATSER - Route 9, Box 78 - Sevierville TN - J7862 12-15-82
 I certainly hope everyone had a Merry Christmas and a Happy New Year. I also hope things got better DX-wise in 1983. From the dx that have been experienced here over the last couple of months, you'd think it was the middle of summer, not the prime DX season. While things haven't been going that well from a DX standpoint, I just had to write and welcome PAUL SWEARINGEN aboard as our new Musings editor. After a good week a couple of weeks ago, in which 3 veries were received, it's back to business as usual, with few stns seeing fit to verify my reports. Recent veries include: v/l w/2 BS (bumper stickers?-pls) from WIV-1260-TL, vague v/g from WSB-GA, and a v/r on the third report to WAXU-1580-KY. 5 other f/up reports sent out have netted nothing. Verie collection now stands at 30. The DX has also gone elsewhere as nothing new has been heard lately. So dx haven't been good either with absolutely nothing heard here since last report. An article in the Knoxville newspaper solved a long-standing mystery on the Gatlinburg radio stn., which has been listed on various program and network listings, but never heard here. The stn - WVTN-FM - does exist and will begin operation on 1-12-83 with 225 watts at 105.5. Case closed. The other Gatlinburg stn., the TIS on 530, has been heard here as often as not, running only OC. Per a talk with "Smoky Mountain Sam", who is featured as the voice of Gatlinburg, the equipment used by the stn is old and not in good repair. No luck on hearing f/c's or CPC tests this year, either. I asked WECO's CE about the possibility of running a test this year now that we're 5 kw, and he seemed receptive to the idea. Maybe those of you who need WECO in their logs can bag us yet. With nothing else to report at this time, I guess I'll get out of here for now. Till next time, 73's and CUN? ALL TIMES IN MUSINGS STILL EDT. SEND BANDSCANS TO TERRY KLASER IN ST. LOUIS

KAYU POPS UP IN ABERDEEN

BILL HARDY - 2101 Pacific Ave. - Aberdeen WA - 98520 12-14-82

In his July 19 "AM Switch" column, JERRY STARR lamented the loss of the KAYU-1150 call sign from Seattle and added, "I'm sure KAYO at least will pop up somewhere very soon." Well, on Mon. 11/1, it popped up right here in Aberdeen! At 1:06 am we taped the final s/off of KEXW-1450, and at 8:58 am we taped their s/on with the new call sign KAYO. The 75% owner of KEXW managed Seattle's KAYO during its heyday in the late 1960's and early 1970's when they were one of Seattle's top rated stations and the only country outlet in Seattle, before KMP3-1300 came along. We wasted no time obtaining the KAYO calls for Aberdeen. I got a chuckle out of the s/on and s/off, which say, "KAYO and KJWD are owned and operated by KEXW Inc." No format change; still C & W, AI net, Sonics basketball, hours still 8:58 am-1:06 am (10:58 am Sundays). Thurs. 11/4- 10 pm finally got around to logging the call change of KHPT-1500, ex KXRX, pop ax, "K-Hit." Sun. 11/7- home on a Sunday for the first time in weeks, so tuned into GLENN HAUSER's show "world of Radio" for the first time. It's on WRNO shortwave, mostly SW info but tips on BOB DX tests, all in all an enjoyable show. Mon. 11/22- the KWSO-1180 DX test loud and clear here with a touch of KLOK-1170 sloop, unnn but stronger than usual nighttime signal. Thurs. 11/25- a Thanksgiving sunset session produced tentative KCLG-1210 using CNN News on the hour only; that's a swich. Ads and such for southwest Utah but no firm ID so I'll try again. Sat. 11/27- Larry King says he adds "KTNX Anchorage, Alaska," not in my logs, but the latest Broadcasting Magazine says KTNX is the new call for ex-KANC-1080. Welcome aboard as editor, PAUL. I hope you're still going strong 39 years from now! (I said that 37 years ago, hi! -pls) 73 and good DX.

NANCY ASKS A QUESTION

NANCY HARDY - 2301 Pacific Ave. - Aberdeen, WA 98520

We all owe ERNIE a big thank you for all the years that he edited Musings. Good luck to Paul -- we wish you well. November saw 4 stns added to my log, 3 call letter changes and 1 new catch. 11/1 local KEXW-1450 changed call to KAYO. Hrd their s/on at 8:58 am "KAYO is owned and operated by KEXW Inc." or somesuch. 11/4 hrd KHPT-1500 (ex-KXRX) ID at 10:00 pm, very good w/no sign of CKAY. 11/10 8:01 pm KXRY-1290 (ex-KESE) "w/beat mx of the 50's and 60's" in good o/GY nease for a few minutes. 11/23 hrd KCLG-1210 ID 7 pm and into CNN mx, very good 1/KCYN. By the way, what has happened to the NRC contests this year??? I've been looking forward to them. Happy New Year! 73/88

GUY TO JOIN THE COMPUTER REVOLUTION

GUY KUULEMYER - 1314 City View #1 - Eugene, OR 97402

While swigging a tall, cool Poster's Lager (Mick Fleetwood's favorite beer, and mine, too) I thought I'd put together a little muse. So here goes: First of all, thank you to ERC for his tireless, seemingly unending efforts as Musings editor all these years -- he's done a tremendous job, don't you agree? (He's typed a few of my muses, that's for sure.) Also, thank to Paul Swearingen for pickin' up the empty position -- May he have as many fulfilling years at the helm (hi). DX from mid-Nov. to mid-Dec. -- (It has blowed somewhat...) 11/20 brought much-wanted KFAB @ 8:48 PST w/wx. This station has made my annual "Ten Most Wanted" list for several years now -- I can never seem to catch KPNW on an SP, and my job makes MM's out of the question. Also on 11/20, CHQT came sneaking in @ 9:11 PST w/wx, sx (Home of the Grey Cup champion Edmonton Eskimos! NFL? What's that?) 11/26: KDAC in @ 8:06 PST w/NET mx and "Calif. Country Headlines." Faded above the mess for just an instant. 12/1: KORY in w/drugstore ad, wx, @ 5:21 PST, and KKTC "K-Ecstasy" in @ 6:00 w/ SS mx and news. 12/4 brought KBBR @ 4:28 PST w/cw mx and wx. Nothing new in since 12/4, as my time to DX has been cut a little short due to prior commitments. However, I will be off for a week during Xmas-New Year's, so maybe some new ones will be heard then (My job is interrupting my life....) BILL HARDY's logging of KBAI leaves me green -- I'd given up on logging KBAI after trying at every conceivable hour of the day and night to hear them. I'm glad someone's hearing them. The Timex-Sinclair is available here for under 90 bucks, but I think I'd be more interested in the Commodore VIC-20 which Monkey Ward's has for under \$170.00 (\$169.99 from now on -pls). My main interest in the computer is to store the Domestic log and updaters and also my loggings. I hope to purchase one or the other after the 1st of the year. I won't comment on Pete Nolan's or Gary Carl Mitchell's opinions, expressed in Vol. 50, No. 10, even though I don't concur. (Does that count?) Hope everyone had a happy Holiday season. More next time.

30 LINES PER MUSING, ONE PER ISSUE. PLEASE MENTION DATES, FREQUENCIES, AND TIMES IN EIT. DOUBLE-SPACING PREFERRED BUT NOT A REQUIREMENT. COMPUTER PRINTOUTS ARE FINE AND MAY BE REPRINTED AS SUCH IF ON WHITE, PLAIN PAPER.

PETE CHRONICLES PROGRAM INFO

PETE KEMP - KAIKD - 5 Greenwood Avenue - Bethal CT 06801

Greetings of the season to all. My radio work has been greatly curtailed over the past month due to some excessive power line interference. The local power utility regards this as a low-priority item. Letters and phone calls have not been too successful. Fighting a power company is like tilting at windmills, but it has to be done, just to try and to keep them honest. Best wishes of success to Paul Swearingen on his acceptance of the most exalted position of Musings editor, and, of course, a BIG THANKS to ERNIE for his many years of service. Trivia bugs take note: what radio station in Chicago has been number one in every Arbitron survey since 1967? ... WGN. The Shadow Traffic Network has filed for bankruptcy and is being reorganized ... CBS News has been busy paring down its budget, closing down its Beon bureau, and cutting back in other locations. ... Had a good time the other day listening to Herb Oscar Anderson on my amateur radio. HOA, as he is remembered to his fans, in his capacity as the morning Mayor of New York when WABC-770 ruled the air waves in the sixties, now resides in Oregon, operating under the call W4H ... Radio Newsmen Robert Trout, Douglas Edwards, and George Brown have been inducted into the Broadcast Club's Hall of Fame at the Museum of Broadcasting ... KXOK-630 will headline St. Louis U. basketball, marking its return to sports programming for the first time since 1959 ... The Number one radio station in Sydney is 2UE ... CBS Radio reports that it lost over a million dollars due to the NFL strike on its Monday Night Football coverage ... Subscribers to Popular Communications will find a monthly column on Pirate radio stations and how to get started (That's nice ... I haven't received my first copy yet! -pls). Oh boy, WSB will continue to carry the Atlanta Braves games in 1983, the final year on their contract. After that speculation is that they will move to WCNB, Ted Turner's flagship station ... KOCV-AM - 1510 celebrated its 20th anniversary with a power increase to 30,000 watts ... So much for now.

ERNIE ASKS FOR VERBS

ERNEST COOPER - 5 Anthony Street - Provincetown, MA - 02657 - (617)487-9337

It's been an interesting week at the dials here, 12/14 but no verbs have come in. Tues. 12/7- Once more my mystery WOA-1450 was in much of the morning, noted first @ 12:52 am. They had news in EE, read slowly, and held the top spot till 1:09; they use QAT. Thurs. 12/9- Today 1450 was headed by WMPJ-FL @ 1:08. Unnn WJIS-600 was doing well @ 1:31. A good signal from HORS6 "R. Peninsula" was noted on 825. The station sounds much like R. Titania which used to occupy this spot, with the slogan super-imposed atop selections. An unID TT'er was noted on 1550 @ 2:10+. Sat. 12/11 - HORS6 again in well, @ 12:53 am; nothing else exciting. Sat 12/12 - 1070 was dominated by "R. Cadena Mundial" (YVMA). No sign of WJBJ-1240-TEST here; semi-local WOCB was the main reason for that. WQY-1320 was solid @ 2 am ID, unnn. There were two TT'ers on 1450 @ 2:19, one with 500 cycles, the other with thousand cycle TT. Then as a major 13' snowstorm struck, I took an afternoon report on WKZB-1350-NH, ex WLMN, for a newbie. They're C&W, apparently automated, as no song titles or artists were mentioned. Sat 12/13- A real banana today - two newies! I first checked out 790 to see if I had a chance for KCEE-TEST only to run into a weak but steady signal from WNY-NY (ex-WWNY), w/SEL mx. The Cape's only fulltime AM station WGBS-1240 was AN today w/Dr. Rubin's Advice to the Stupid (NBC Talknet). I checked into 610 kc/s for some reason and found WCP off, and the channel dominated by much-needed and welcome CKY2, Grand Bank, NF, with only CJYQ-930 ID's and pop-rock music. WCR-710 was off; only "Stereo 710, CBS" (WGES, Miami) and an unID SS there. In a try for KCEE, the frequency now featured seldom-heard WAB-PA on 83 o/u WWS-FL, and also, no Arizona. 833, SS on 1520, two men conversing, unID, 5:22-5:34 pm when they faded away to 4. Minuto, Barranquilla; no WKWB. Tues. 12/14- Finally, a report on WTKZ-1370 ex-WJAY, w/WFEA @ 1:58-2:32 am. UnID TT'er on 1310 1:42-1:54 s/off, no ID's heard. And that'll do it - and THANK YOU, PAUL SWEARINGEN, for taking over Musings and ridding us of that old goat on Cape Cod! (You gotta be kidding, Ernie! -pls) CUN7.

LARRY KING NETWORK

ADD: 970 K N U U Paradise Valley, NV DELETE: 720 K D W N Las Vegas, NV (info from 12/14 show)

IF YOU'VE NEVER USED BEFORE, OR WONDERED JUST WHAT TO REPORT TO MUSINGS, USE ERC'S REPORT ABOVE AS A GUIDE. I WILL CORRECT SPELLING, PUNCTUATION, GRAMMAR, ETC. (NO RED MARKS, HI) IF NECESSARY TO AVOID EMBARRASSMENT TO REPORTERS. AVOID "HAM" ABBREVIATIONS OR OTHERS WHICH ARE NOT UNIVERSAL. ERNIE WARNED AGAINST USING MUSINGS FOR PERSONAL ATTACKS ON OTHERS OR FOR PERSONAL MESSAGES ... AND I WON'T HESITATE TO DELETE SAME OR INNOCUOUS AIMED AT INDIVIDUALS. I LOVE CONTROVERSY, BUT PRIVATE WARS BETWEEN INDIVIDUALS WILL NOT BE REPEATED IN THESE PAGES. TAKE ON THE FCC INSTEAD.

TOM'S TRADING AGAIN!

TOM CONNATSER - Route 9, Box 78 - Sevierville TN - 37862 12/1 (rec'd by ERC 12/11 and forwarded; two Muses printed because of Post Office snafu) Greetings again from the Smokies. I just had to Muse again on the occasion of ERC's retirement even though there isn't that much to report this week. First of all, I'd like to say that all of us in the NRC owe ERNIE many thanks for the great job he did editing this column for these many years. And ERNIE, I hope you enjoy your retirement. DX conditions still aren't that great, and no new ones were logged this week. Before I take my Christmas break, I'll probably get out some follow-up reports to some of my holdouts including WTXI-LA, WKRG-AL, WALT-MS, WAXU-KY, WCOV-AL, WJJD-IL, and my all-time holdout KLRA-AR. Maybe my efforts will produce some results. 4 veries have been received here since last report: v/q from WOND; v/q and a copy of my report with the v/q also superimposed on it from WCHS-WV; v/l w/GM, RC, and business cards from WBDX; and finally v/l, GM, DJ profiles, station history, and BS from WMAQ. Tried for WCHS TEST MW 11/29 but heard only slop from WLAC-1510 and WCKY-1530. Watermark finally answered my letter w/lists for ACC, AT-40, and Soundtrack of the '60's, the latter two on their way to the CPC (do you mean HQ? -pls) for publication. I've still got plenty of WECO BS's, GM's, and keychains available for trade; if you'd like any of these items, drop me a line and items in return trade and I'll fix you right up. For some reason, local WSEV-930 has a 5:15 December s/off while everybody else in this area stays on until 5:30 (except WORI-1550 who invariably s/off 15 min. after everyone else!) providing some interesting SS DX around 930. I do hope cx improve some as actual SS moves to its earliest time in the coming days. Hope you're having nice wx; our wx in the Smokies has been unbelievably warm; a high of 72 is predicted for tomorrow. While we are receiving a lot of rain, we are not experiencing thunderstorms and a lot of static. Well, I see I've used my allotment of space for this issue, so I'll just wish everyone a Merry Christmas and Happy New Year and say 73's until next time.

WILLIAM NOT PLAGUED WITH LOCALS

WILLIAM R. NEPURN - AES Weather Station - Eureka, NWT - XOA OG) 11/23
Although I am not an NRC member yet (due to my isolated location), I would appreciate it if you could use my following comments in your "Musings" column as they may be of interest to your members. Thanks! I am a 19-year-old weather observer stationed up here at Eureka, Ellesmere Island at latitude 80 degrees N. I am not a member yet but hope to be in the coming months. I am a member of WTPDA and LWCA. AM-DX is different up here with no local stations; nearest is in Thule, Greenland, 300 miles away with only 1000 watts! Auroral activity makes reception difficult at times. (Bandscan follows ... forwarded to TERRY KLASEK for publication -pls) I get mail once every 4 weeks, hi! I'm only 600 miles from the North Pole.) (Welcome to Musings as a pre-member, William, and please Muse often -pls)

NEIL STAYS IN CALIFORNIA

NEIL KAZAROSS - 518 E. Grand Ave. - El Segundo CA 90245 (213) 322-3119
I'd like to say thank you to the dedicated man who has donated so many (how many is it?) years of service to NRC as Musings editor. Regarding moving back east, I was going to take a job in Virginia, but I've decided that I'd rather be in New England. I'd also rather be near the ocean in the northeast where I can take advantage of the seasooast effect to enhance foreign DX. So for the time being, I'll be remaining here in California while looking to move. Thank you, ERNIE COOPER; your endless dedication has helped make NRC and BBC DX'ing the great organization and club they are today.

MIKE COLLECTS TWO VERIES

MIKE HARDESTER - 17 Rowan Drive - Havelock, NC 28532 12/3/1982
Greetings! Don't know if this will make the deadline for ERC's last column, but regardless, the end of an era is most certainly at hand! I joined NRC back in 1969 and ERC was doing the "Musings of the Members," and I'm aware he was doing such long before then. Such definitely has to be not simply an unequal record, but an example of sincere devotion to both the club and the hobby! Sorry to see you go, ERNIE, but you most certainly deserve a rest! My thanks for an outstanding job, or as we say in the Navy, "well done!" Two veries in: WVA-1170 (go ahead and laugh - I'm new to this area) w/a v/c w/date and freq only plus WVA info packet and sticker. Other v/c (date only) was from WTXI-690. They also sent an info packet. WVA was state number 41. Several reports out to both domestic and foreign stns, so am looking forward to their replies. Hope everyone has a Happy Holiday Season and Happy New Year of DX! Very 73 and Best of DX.

BBC MAKES CHANGES

BILL HALE - Box 4617 48 CRS - APO NY 09179 12/1/82

After reading that ERC is giving up Musings, I thought I'd get in at least one more muse, although it will be a short one. I certainly hope someone steps forward and volunteers to do the column, as it is definitely an important part of the NRC and DX News. If I weren't stationed in England, I would be willing to do at least a regional column. But, since the mail service is sometimes erratic to and from here, I wouldn't feel it were a good idea at the present. On to other things ... BBC Radio 1 has just announced that they will begin an 18-hour-a-day schedule beginning Sunday, December 5. Up until that time, the rr outlet of the BBC programmed its own service from 0700-2600 MF, 0800-1930 on Sat., and 0800-2200 on Sun. The new schedule begins at 0600 and closedown will be at 2400 daily. This will mean a few more hours of possible TA catches on 1053 and 1089 with rr, especially during the winter months. Also, it has been proposed that Radio 1 will take over the present LW freq of 200 khz, plus the VHF (F4) channels of Radio 4. The big word here: PROPOSED. I doubt I will see any of these changes while I am here, since I have only 7 months to go. Thanks to GARY ATKINS, ROD O'CONNOR, and TERRY KRUEGER for recent correspondence. Letters and other envelope stuffers are pending. I have heard my first pirate (as I allowed to say that word?) (No, hi -pls). Radio NOVA out of Dublin is received here very well with rr and a good number of commercials. They are on 819 khz. I have sent a report, but they may be slow in replying. I have them on tape, so that's proof enough for me. Since my last muse when I said they weren't on yet, SAXON Radio has signed on from Sully St. Edmunds on 1251 and 96.3. So another frequency bites the dust. Several new stations have been proposed by the Independent Broadcast Authority; more as things develop. What has happened to "Mothball Memories"? I thought that was a good feature. (So did I, Bill, and I'll be happy to revive it if anyone would care to send in their recollections. -pls) Best of DX and Happy Holidays to all. (Last five Musings, from Tom, William, Neil, Mike, and Bill, forwarded from Provincetown. Some out-of-date proposals deleted from Neil's, as we've already incorporated them. -pls)

WAYNE GETS AN R-390A, HQ-HQ-HI

WAYNE HEINEN - 427 E. Caranillo St. - Colorado Springs CO 80907 12/11
Hi all. Once again I will grace the pages with more input to my favorite DX organization. Surrounding the controversy about all the Costa Ricans returning to even numbers ... TISRHB-1125 is still on 1125; "Sonido Once-Viente" heard here nightly. So not all have moved. Report off to thon 12-6-82. Other DX not in DXD-12-7: KATI-1590 with Pop/rock giving KEND a run for their money prior to 0200 s/off. 12-9 KPWB-760 finally enough for a report w/WR w/tk. 12-10: "The New Sunlight Radio KXOI" with a REL format and TSN Net on B10 announced 24 hr. BIG NEWS is that Santa "WAYNE" presented himself with an R-390A purchased from former LPC'er DICK TRUAX. Well-packed, but slowly shipped by Consolidated Freight. It is a fine addition to this DX shack. The RBB-4 and the almost modified HQ-129 will be stand-by. The RBB-4 will undergo a major clean-up and overhaul after being in use since 1964. Lately with AU cx abounding here I'm trying my best to log and send out reports to various SS stations. A slow process for those like me whose knowledge of SS is very limited. As a final comment: Welcome, Paul, to your new editorship, and my heartfelt thanks to ERC for typing my Musings since I joined the NRC in 1964! Your dedication and unfailing support of the club over many, many years has been instrumental in making the NRC what it is: the WORLD'S OLDEST AND LARGEST MW CLUB, one in which I'm proud to take part. Everyone have a GOOD holiday and have great DX in '83. 73.

MARTIN TAKES A BREAK AND DX'ES

MARTIN LANGE - 42925 Jones Rd. - Wellington OH 44090 12/15/82

I'm not really sure how to start out, but here it goes anyway! I'm finally on my winter break from college, and I am trying to make the best of it, spending my evenings with my DX-100, a portable radio, and a good set of ears, wanting to hear some good and exciting DX. I was fortunate enough to pull four new stations in out of the air on the 12th of December, three SSS, and one at 2331. All four are south of my location. WHLP, Centerville, TN at 1746, WTNN, Millington, TN at 1806, and WEYY, Talladega at 1749 (frequencies? -pls). Those three were heard during sign-off, only twenty minutes at the radio, and I logged three new stations. SSS DX'ing is truly a real morale booster for me. My third station that evening was heard with a Realistic Concertmate, an AM-PW receiver which I thought would not be of much use to me, until I finally gave it a try. I was able to pull out WAKR, a local, and hear WCGL, Jackson, with fairly good results. Maybe I should try this radio out a little bit more. You know, it's funny, DX'ing

42 (Lango, cont.) is such an interesting hobby in more ways than one. Those dials on that receiver just seem to say, "Tune me," while the headphones say "Put me on." And once you start, you can't stop. (Well said, Martin! Join us again in Musings soon! -pls)

NRP'ERS, NEWSPAPERS KID THEMSELVES

GENE MARTIN - 3303 East Evans Ave. - Denver, CO 80210 12/16/82
ERNIE COOPER, in his Musing remarks, page 23, Dec. 13 *DX News*, raises the question: Why do so many stations continue to maintain all-night broadcasting when there are so few people awake to hear them? The trouble with ERNIE is that he is a completely rational person in touch with reality. He knows that 90% of the potential radio audience is asleep before 1:00 am and that the remaining 6% is capable of engaging in many other activities besides listening to the radio. Of course, if you are a station owner you must not believe any of this. Instead, you must believe that there are untold thousands of listeners out there at 3:00 am and all of them are just itching to tune to your frequency. In short, so many radio stations stay on the air all night because the entire industry has an infinite capacity to kid itself. Perhaps broadcasters are not alone in being able to delude themselves for I see that newspapers regularly publish entire sections of magazine-type special advertising supplements which are tossed out as a nuisance. In fact, it may be that our entire commercial enterprise system depends on individual owners being able to delude themselves into believing that their product or service is indispensable (The game is numbers ... how many potential readers and listeners can the medium sell to the advertisers... and convert the \$ to \$, Gene -pls) I have a hunch that many radio stations never sign off because they suspect no one would ever notice they had disappeared, and that would be a kind of embarrassment to be avoided if possible. I had such great hopes for the energy crisis when it first appeared several years ago, with the thought that government might realize the incredible waste of energy involved in 24-hour broadcasting by radio and TV. Setting a limit of 18 hours a day for all kinds of broadcasters, permitting each station to pick its hours, would save a lot of now-wasted kilowatts and deprive no one of necessary services. You could figure some stations would elect to include the after-midnight hours as part of its 18.

STATIONS APPEAR; MAGNETIC FIELD DISAPPEARS

HARRY J. HAYES - 9 Henry St. - Wilkes-Barre, PA 18702
How do you tell a DX'er who always eats on the run? He's the one with the sticky RX! A big first welcome to you as editor, Paul. New stations are coming in right and left; I only wish the veries would also. Here's what we have: 12/4 1 am WKGX-1090 NC testing w/T-40 records w/annots. and ID's, really chopping apart WTIC yak yak. 12/5 5:45 pm WENO-1580 PL, s/off. 12/9 Two new ones on 1570, 5:15 pm WTLK-1570 NC good sig. and WNCB-1570 NC in at the same time w/w/off but much weaker. 5:31 pm WCCZ-1550 New Smyrna Beach in w/really fine sig. w/s/off. 3/off said 250 watts but I think they must be on their 1 kw. grant now. 12/10 pm 5:48 WKXL-1450 NH w/Swap shop, no CID. WYVA-1550 WV hrd. running late on both 12/5 and 12/11 till around 6:30. They now relay their PL. 12/11 5:29 pm WRHC-1550 PL w/SS. 12/12 5 pm WYPI-1570 VA good w/s/off. 5:01 WJIK-1580 NC strong w/s/off, ending rel. 5:07 WY2D-1560 Dohaon, NC topping WQXR briefly w/ID during religion. 5:15 WLSC-1570 SC w/s/off against the "Duelling Banjos" song as bkg. WX. 5:31 WCLE-1570 TN s/off solo by 5:38. 5:46 WEYY-1580 AL s/off hollering about FCC for "forcing" them off the air at sunset. 5:56 WLAQ-1410 w/c/w rr mx mx. 12/13 5:30 pm WISK-1390 GA s/off. 5:39 WAZA-1360 GA w/c/w. Second time this season hrd. 5:44 WSOC-930 NC hrd. while looking for the other Bainbridge, GA station. 5:47 WCOA-1370 PL w/fruitcake giveaway. 5:55 WUNI-1410 AL v/strong w/c/w, old rr mix. 6:02 WNAV-1430 NC hrd while looking for WLAU. 12/15 ex changed drastically from 12/13 from auroral to super-strong ex to the NE tonight. I didn't DX 12/14 so don't know if it was still auroral then. 5:45 pm WANNY-1580 MS fair w/s/off thru strong CAJ. DALLAS LANKFORD mentioned an interesting theory that he read about that says the earth's magnetic field will disappear within 1,000 years. I read something similar but different in one important respect, that being that the magnetic field will not disappear but rather just reverse polarity as scientists have theorized that the earth has done several times in the past. (See the writings of Velikovsky for his theories on how it changed. -pls) This means that in less than 1,000 years the world's compasses will point South instead of North. Scientists further speculate that it will take about 100 years for the reversal to take effect. As the northern polarity weakens and the Southern polarity strengthens it means that our compasses will be useless as they will point in every sort of crazy direction. So I'm advising everyone now, don't walk in the deep woods on cloudy days 1,000 years hence, hi. That's the end for now.

SEND YOUR LISTS OF VERIE SIGNERS TO WAYNE HEINEN IN COLORADO SPRINGS.

XPRO TO CHANGE FORMAT

43
PAUL SWEARINGEN - 21629 Cottonwood Ave. - Riverside, CA 92508 (714) 653-6908
First, thank you for the greetings and 6:50-7:05 am, hi
kind words welcoming me as NRC's new Musings editor after ERNIE COOPER's ... well, what can you call his long volunteer service to NRC but the finest example of unselfish giving of oneself of anyone associated with a DX club? Not only NRC but all DX organizations owe you a tremendous THANK YOU, ERNIE, for setting standards which many clubs have been or should be following. We all are in your debt, and may you enjoy your semi-retirement. I have a tough act to follow, and I don't intend consciously to institute a bunch of changes, although I am sure that just as the Musings column evolved under ERNIE's leadership it will continue to evolve under mine. As TERRY KLASEK mentioned in his Musing, he will be the new Bandscan editor, and I will delete bandscans from this column and forward them to him. MIKE KNITTER, as publisher, will announce NRC policy and necessary restrictions. ERNIE once described Musings as a "font of DX information," and I intend to continue to promote Musings as such. Mentions of trips and other non-DX happenings, radio collectables, and non-MW DX are acceptable ... and as a card-carrying ACU member I would be the last to try to censor or de-personalize the column ... but remember that Musings is primarily for MW DX and MW DX-related observations, as an aid for other MW DX'ers, and only secondarily for our entertainment. Remember, too, that among our members are young people, and that *DX News* is being placed in public libraries and is read by professional broadcasters and others who may not consider the source but the publication if they should read off-color or inane remarks in *DX News* ... and please compose your musings accordingly. Finally, I hope soon to be typing musings on an electric typewriter with a more legible typeface, instead of an antique, five-dollar Royal RM and a defective Smith-Corona portable, so bear with me. That said, I have no DX to report (see below for excuse), so permit me to reintroduce myself. I'm 37, divorced and attempting to improve my social life, teaching English (and soon journalism) at Sherman Indian High in Riverside and selling TV's, radios, computers, vacuum cleaners, etc., at Montgomery Ward's in Riverside. I also write science fiction. I moved to California to start my life and career fresh again and don't regret the decision, although I loved Kansas. I have many hobbies, including collecting books, radios, maps, cameras, etc., gardening, photography, and others, but my #1 hobby is MW DX'ing and has been since the early '50's. I didn't start collecting taped veries until 1975 when I joined the NRC; since then I have also joined WFTDA, IRCA, and IDXCSD and subscribe to the ANARC newsletter. At the moment I am not DX'ing because of lack of time ... due to a 70+ hour work week. My one contribution to DX information is that 1440-XPRO will switch to a non-music format, which the GM of 590-KFXM told me will be all-news. I'm way over the column limit of 30 lines with non-DX stuff to boot, so that's it.

All sounds good to me Paul. Only thing I can think of is we need more members to MUSE!!!! HQ

Finland -Esa is a little upset about N.A. Stations

Esa Kanninen - Hauenkallion. 12-14 B 3D SF-02170 ESP00 17 Finland

Hello from Finland. The stations of U.S. Western Coast are poor verifiers. Last winter I reported 13 stations from Colorado, Utah, Idaho, Washington and Oregon and California and I received only 4 QSL's. How can I get QSL from KART Jerome, ID 1400 KHz? It is one of my best North American stations I ever heard, but no QSL, although I have sent them tape and follow-up with cassette. What is or are the addresses for the following stations: WUNR Brookline MA 1600, NSAI Rochester NY 1370 now WRTK. KDKO Littleton CO 1510. After Christmas I go again on DX-Expedition to Lemmenjoki, a place 200 miles north of the Polar Circle. I hope that the conditions for MA and Hawaii are good. I stay there 2 weeks with Hannu Tikkanen, one of my DX-friends. Merry Christmas, Happy New Year and good DX, (Esa- address for the 3 stas are enroute to you-HQ)

By Paul Swearingen

ERNIE COOPER's remarks on p. 23 of the V. 50, #11 DX News brings more clearly into focus the impact upon DX'ers of the current changes and painful evolution of the broadcast industry, and the Chicago Tribune's Eric Zom, in an article headlined "Which format route should sleeping Super 'CFL take?" and reprinted in IRCA's December 18 DX Monitor, chronicles through WCFL's descent the woes of the entire AM broadcast industry. Dr. Bruce F. Elving, in the seventh edition of his FM Atlas and Station Directory, says, "The day seems long since past when AM should be performing a broadcasting function at all in this country, much less broadcasting music. I am sure that in the lives of most of the readers of (FM Atlas) AM radio is irrelevant -- something perhaps to look at when in an attic or a museum." ERNIE feels, as a growing number of members of both NRC and IRCA do, that there is a current need for the medium-wave clubs to expand into FM broadcast DX'ing, to fill the apparent void created by the temporary (I hope) cessation of operation of the WPTDA.

On the other hand, new AM stations are going on the air almost daily throughout the world, and active NRC DX'ers continue to bemoan the crowding of the airwaves and the disappearance of the "clear" channels. A listener anywhere in the country can tune in to a seemingly infinite variety of formats, whereas in the sixties one had a choice of perhaps three: country, rock, or MOR. It would seem that AM radio is going through transition pains in the '80's, causing many who enjoy broadcast music to desert AM for the currently better quality of FM. (Even as I type this, I am listening to the mellow rock of KNX-FM on my portable N. Ward tuner.)

FM broadcast radio, once a starving stepchild, has grown up to support the parent, and in many markets FM stations lead the ratings parade. But why, then, has WGN, with its modified talk/news and occasional classical music, sat atop the Chicago Arbitrons for many years? Why has WDAF ("61 Country") emerged as the current leader in Kansas City with its homogenized country-politan format? The answer is that management of these and other stations has created a format to satisfy its local listeners' needs, realizing that radio now must listen to the audience.

I feel that the proessed death of AM radio is premature, and that a few years of transition will see the necessary diversification and rejuvenation of AM broadcasting. Just as cable TV is freeing viewers from the tripartite grip of the three major networks, AM stations will become specialized. There is still a great need for the steady signal that AM offers to long-distance travelers. The culture of, say, Nashville, should continue to be offered to the rest of the nation through WSM; Atlanta through WSB; Denver through KOA; etc.

In an earlier Musing, I wrote about the broadcast industry, with the purpose being to counteract the DX'ers who blasted broadcasters who ignored their requests for variety and to promote more positive comments about the industry. I felt that their criticisms were unfair, given the conditions I have outlined above, and that DX News readers were deserving of more information about the industry. JERRY STARR and others responded with descriptions of true public service by broadcasters, which some in the industry might regard as fiddling around while the barn is burning. I also mentioned inept management which took advantage of its employees instead of paying them a decent wage or at least permitting them to try to serve the "public interest," drawing upon my own experiences while employed at five stations (including one "public" station, KANU, at the University of Kansas), and Eric Zom's comments about WCFL's problems paralleled my own. Broadcasting still is a business, which sells listeners to advertisers, translating θ into $\$$ so they can stay alive. I have no problem with that (my current workday is about 12 hours, and I am sorely translating time into $\$$) but I feel that many broadcasters have pondered to the common denominator, rather than to the actual NEEDS of their listeners, and therefore have precipitated their own demise, WCFL being a prime example.

AM stations can still "narrowcast" and be successful businesses. AM is still a viable medium for non-stereo music, which was offered up through the late sixties until the stereo 45 rpm record became an industry standard. The cheap, tinnny-sounding radio is already disappearing, and more listeners are able to take advantage of the high fidelity sound broadcast by most AM stations. Our world is just entering the Age of Information, and I predict that AM radio will be an important part of that Age by the 1990's. I can't see AM stereo as being able to compete with FM stereo unless inexpensive receivers become available very soon, and it may go the way of quad broadcasting and recording. Some smart engineer will come up with a way to broadcast and decode digital information, which could establish MW and even shortwave stations as the predominate music media again. If these changes should come to pass, I'd like to see a few 100+ kw AM stations scattered around the country (a la MW, the "Nation's Station" when it upped its power several decades ago), their purpose being to broadcast programs unique to their area ... such as WSM does now.

Perhaps the MW spectrum would have to be lengthened to accommodate them ... wouldn't it be great to have stations from, say, 540-780 KHz, broadcasting quality programs at less than 120% modulation with high wattage, as do the Europeans? 45

So ... what does all this mean to the NRC, and perhaps the IRCA? Obviously, if my predictions hold true, we will continue to have stations broadcasting in the MW spectrum, and DX'ing will go on as usual. I feel that the NRC should continue as an MW-only club, but that it should not ignore the changes taking place throughout the broadcast industry, and that occasional spectacular catches throughout the radio spectrum should be mentioned in Musings, as very few of us confine our DX'ing only to MW and still read with interest other catches. (In support of ERNIE's comments, I would hope that Musings would cut down on sports rooting and such irrelevancies.) I do feel that the purpose of the National Radio Club needs to be discussed and perhaps redefined as we continue through our 50th year as the oldest and largest MW club, as too many misunderstandings have arisen in the past few years as the result of misinterpretations of comments and actions of others. However, NRC members should remember that the NRC is governed basically by the publisher, editors, chairmen, and treasurer, whereas the IRCA split from the NRC to form a democratically-run club, with votes taken on controversial items to be published. Each system has its own merits and problems, but sometimes breakdowns in communication occur ... which I, as an English teacher, deplore.

ERNIE says that there is a "howling" need for an FM club, and I agree, unless the apparently-dormant WPTDA gets with it again. However, I am not sure that incorporating FM whole-heartedly into the NRC is in the best interests of NRC or the WPTDA; but that the IRCA might be the club to step into the void. ERNIE, you would indeed be the perfect editor of such a section, and you have my whole-hearted support in your crusade.

FCC NEWS RELEASE

JOHN D. BOWKER

RESIDENT ALIENS CAN NOW BE LICENSED

Up until now, only U.S. citizens, nationals and citizens of the Trust Territory of the Pacific have been eligible to obtain FCC commercial operator licenses. But on November 9, 1982, the Commission changed its rules so that qualified resident aliens can be licensed. The reason is that licensing may well be a condition of employment in some broadcast station operations and for some other jobs such as aircraft radio maintenance. For further details, ask for Bulletin No. 31 at this address:

Federal Communications Commission
Field Operations Bureau
Washington, DC 20554

THREE-YEAR OWNERSHIP RULE DROPPED

The FCC has rescinded its rules concerning "trafficking" in broadcast station licenses. The rule has been that stations could not be sold for at least three years after purchase; it was intended to cut down on those who figured they could make large profits by buying a station that was down on its luck, making some quick fixes and then selling it again. While this might not seem too extraordinary, it was felt by the Commission that such practices would lead to an unstable industry and that the public interest just wouldn't be served. The three year rule was viewed as making temporary ownership less attractive. The Commissioners now feel that the market for stations is such that there is little risk that such quick buy-sell tactics will be wide-spread. Further, the rule may have discouraged some minority interests from entering the field. The vote by the Commissioners was 6 to 1 -- deregulation is really here!

INTERNATIONAL DX ACHIEVEMENTS

MALCOLM MAXWELL
1041 TUMLIN STREET
APT. A
ATLANTA, GA 30318



Your bids go to the Address at the right and NOT TO HRC HQ. Orders for direct sale items and for all bids should be sent to: Send in your bids As Soon As Possible!!!!

SAM BARTO
489 KING STREET
BRISTOL, CT
06010

This page brought to you as a Public Service of the NRC

DX'er	Location	Veries	N. A. - Best Verie
**Ray Crawford, 59	New Zealand	1,627	VAC 375 1375 - St. Pierre et Miq., 4 kw.
Hank Holbrook, 46	Maryland	2,528	VAC 271 660 - KFAR, 10 kw.
Sid Steele, 31	Illinois	3,001	256 YSO
Roger Anderson, 38	Virginia	1,448	VAC 227 AHD, P. R.
Rick Carr, 75	Texas	1,376	227 1220 - R. 26, Cuba
**Rick Kenneally, 78	Ohio	1,149	147 1505 - Anguilla, 1 kw.
Paul Swearingen, 79	Kansas	518	87 945 - R. Jumbo, Dominica
Ben Dangorfield, 58	Pennsylvania	422	VAC 84 644 - R. Antigua
Andy Rugg, 60	Quebec	1,512	76 1550 - WJPE, P. R., 250 w.
Frank Wheeler, 31	Pennsylvania	1,732	68 660 - KFAR, 10 kw.
Hilding Gustafson, 34	Florida	857	68 850 - WJLS, 1 kw.
Konstantine Rychalnsky,	70 Conn.	315	46 834 - R. Belize
Mike Knitter, 74	Wisconsin	897	33 1100 - 2DK, Antigua, 10 kw.
Richard T. Eddie, 67	Missouri	1,570	29 1170 - KJHP, North Pole, AX
Ron Musco, 62	Connecticut	1,082	28 1340 - ZEN-2
Sharon Waterman, 74	Massachusetts	269	20 1505 - R. Anguilla
**Niel Wolfich, 77	Ontario	397	14 730 - TOW
Donald E. Erickson, ?	California	442	8 1160 - R. Americas
**Brian Vernon, 77	Yukon	314	7 1165 - CRL, Antigua
Terry A. Klauok, 65	Missouri	597	?
Phil Bythway, 68	Washington	457	?
Bill Bergadano, 74	New York	300	?

VAC = Verified All Continents; Yr. + year began keeping veries; ** before your name means that this could be the last time your name could appear in this column ... at the discretion of new IDMA editor Malcolm Maxwell. Thanks for updates from Mike Knitter and Hilding Gustafson. Well, friends, this is my final column as editor of IDMA as I move on to bigger and better things with NRC ... and Ernie Cooper would certainly agree with BIGGER! I've enjoyed the experience and especially all the nice letters and comments from contributors, and I hope you'll surprise Malcolm with an even bigger response than for me. If you plan to update, send the information to the new address at the top of the column, and be sure to include the year you started keeping veries, your count from North America, South America, Europe, Oceania, Africa, and Asia, your best verie from each DX area, your total veries, and your total countries, plus your total of foreign veries. Total veries may include domestics. For those who are keeping track, I now am OVERemployed (hi!), teaching fulltime at Sherman Indian High School; and about 25 hours per week at Wards is spent dodging the seasonal rush of shoppers. Next deadline: February 1, with Asian veries to be listed and total countries as the tiebreaker. 75.

Malcolm Maxwell



What is that? on the next page. That is called the 'Hap Page'. It is items donated to HAP for them to auction off and then in turn use the monies to help those that are handicapped in our hobby of DX'ing.

What is HAP? It stands for Handicapped Aid Program, which actually means people helping people. HAP is there to assist any disabled individual interested in getting into the world of radio listening. HAP instructs, puts bulletins onto tape, supply club memberships, and sometimes supply radios. All the monies collected thru that page on the right goes to the various HAP organizations thruout the world. And like us operate strictly on volunteer workers. How about the page to the right of this.

Bid Items. These items are usually one of a kind - in other words, we usually have only one on hand. All you need to do is send Sam your bid for the item or items in which you are interested in. DO NOT send cash or checks or money orders at this time, just your bids. Make sure you note which items. Sam will notify you if you were the highest bidder. If you are, your name will appear in the Hap Page as a winner.

Direct Sales Items. These are items that are sold at a quoted price. They are available at any time. In this case, you send your check or money order with your order. If by chance the item you sent off is no longer available, you will be issued a credit slip, which can be used towards future purchases, either direct sale items or bid items. Or if requested by you, HAP will substitute items of equal value instead of issuing you a credit slip. It's your choice. Same says he would also like to see minimum orders of \$3.00, with the cost of postage, a \$1.00 or \$2.00 order would not make HAP any money. Remember the idea behind all this is for HAP to make money so that it can go toward the programs offered to the handicap.

Support this fine program. Let's show HAP that NRC members can help!!! Thanks members.

HAP BID ITEMS: ITEM #170: Radio Polonia double sided cloth pennant w/tassel (4x6") very beautiful! #171: Radio Polonia station pin, red, silver, white. #172: Radio Polonia 4 different sticker stamps, m/c. #173: RAI (Italy) sticker w/"Woman Dancing" (4x5.5") m/c. #174: RBE (DDR) double sided 4" cir. coaster-nice!! #175: Deutsche Welle (FRG) sticker (3.5x5.5") blue, B&W. #176: WINK sticker (4x6.5) m/c. #177: Greek DX Club sticker (4x4") blue, yellow, white. #178: KFMB "Rainbow" sticker (4x6.5") m/c. #179: MDR Radio (FRG) 3 different stickers, m/c. #180: KTXQ metal badge (1.5" cir) m/c - very nice. #181: Radio RSA (South Africa) plastic coaster (4" cir) silver, blue. #182: IBA (Israel) "Flowers" book marker w/tassel-nice #183: Radio Waikato (New Zealand) sticker (3x9.5") red, white, blue. #184: SUV (Australia) sticker (2.5x10") 2 tone brown. #185: SUV sticker (2.5x10") blue, white & green-sharp. #186: RID2 Sunshine Radio (Netherlands Antilles) beautiful yellow pages address book. #187: Radio Monte Maddalena (Italy) sticker (4x6.5") blue, white. #188: Radio Nacional do Brazil sticker (3.5" cir) m/c - very beautiful! #189: IXX (New Zealand) station balloons, m/c. #190: Radio Avon (New Zealand) sticker (2.5x9.5") red, white, blue. #191: WPL 5 different personality glossy photos of on-air personnel. #192: Radio Sweden poster (12x17") m/c. #193: KIRO key chain, blue, white. #194: Radio Tels Fava (Italian SWB) sticker (3.5" cir) m/c - beautiful!! #195: Radio Victory (UK) double sided coaster (4" cir) m/c. #196: Radio Rhema (New Zealand) sticker (3x8") red, white, blue. #197: RPI (France) bag tag, blue, white. #198: Radio Avon sticker (5x19") red, white, blue. #199: Radio Prague (Czechoslovakia) station pin, red, white, gold. #200: Radio Prague station pin, blue, red, white. #201: Cardiff B/Cing Corp. (Wales) sticker (2.5x5") white & blue. #202: Deutsche Welle 5" reel to reel tape containing 5 minutes of pre-olympic information in English. #203: WVM (Virgin Islands) sticker (3.5x5") blue, white. #204: Radio JCS (Japan) beautiful photo QSL card. #205: Radio Hallam (UK) decal (2.5x13") m/c. #206: BBC-WS (UK) metal badge (1.5" cir) red, white, blue. #207: WPL key chain, red, white. #208: Radio Clyde (Scotland) "Triangular" pen, red, white. #209: Radio Clyde key chain, red, white-nice! #210: Radio Forth (Scotland) coaster (4x4") orange, B&W. #211: Radio Forth balloon, orange, black. #212: Metro Radio (UK) station pen, red, white. #213: Radio Hallam sticker (1x12") B&W, orange. #214: Radio Clyde metal badge (2" cir) red, white. #215: World Communications Year-1983 sticker (3x3") m/c - beautiful! #216: CFOX sticker (4.5" cir) m/c georeous! #217: HCJB (Ecuador) cloth pennant "50th Anniversary" (4x7.5") blue, gold, white. #218: Voice of America sticker (3" cir) red, white, blue. #219: Radio Panda (Italy) 2 diff rent "Panda" stickers - very cute!! #220: 1960 Alaskan C60 Cassette Tape featuring KINY, KJND, KENI, KIVH, KBYR, KFAR, KIAM and AERS. #221: Portuguese popular music "Varios Grande Parada" C60 cassette tape. #222: Radio Huaraki cassette tape of famous ship sinking of this New Zealand land pirate w 20 minutos long. #223: Portuguese popular music C60 cassette tape "Disco Type". This tape and #221 are from Radio Renascensa. #224: Latin American C60 cassette tape featuring many LA stations w/ IDs.

HAP DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any five (5) for \$1.00: New since last issue: KVOO, KWRE, WPOC, WCIE, WBRU, WROL, KIKK, WXR, CFCN, WSTU, WIGY, WEZE, WEET (mini), KOLO. We also have the following in stock: KGO, MCAU, KMET (large), KMET (small), KWK, KTYD, WESE, WJWE (new), WSSZ, WKH, Music-TV, WGL (new), WRCC (large), WRCC (small), WSAI, WNET, KAZH, WGLB (silver), WGLB (gold), WJNC, KBOE, KYKS, Radio RSA, Radio Budnang, KOKE, KMIP, KLRZ, Radio Avon, Radio Exterior de Espana, KMPB, Radio Forth, KEX, KOME (black), KOME (yellow) WERS, WJOK, KIZ, KGUZ, KSH, Radio Canada International, FCH, KTXQ, KCOL, KJR, CKIG, WCMF, ABC-FM Perth, 128, ORF, GKY, Swiss Radio International, GFE, GGG, WJVA, CKNW, KATR, WLPX, KDFE, KDFE-1280, Radio Aire, KWAA, WMMR, WIRE, WJMP, KHFI, WIRS, WPLR, WNSW, WHAL, WCPL (large), WCPL (small), WDET (large), WDET (small), KROY.

ADDITIONAL DIRECT SALE ITEMS: The following items are for sale at the quoted prices: WMMR book covers \$.25; WEMP iron-ons \$.25; CBC Southwest Ontario litter bags \$.50; The following B&W mini-posters are \$.25 each: Radio Nord Radio London, Radio Caroline, Voice of Symon, Radio P11 Ross, Radio West, Radio Duomo (car), Radio Duomo (woman), SUV (clock) and SUV (food). #NON ice scrapers \$.50; ZGE balloons \$.25; KLOS balloons \$.50; KCRG plastic ID cards \$.25; KBOI paper hat \$.75; The following metal station badges are \$.50 each: CFTK, KZAM, Radio Forth, CFTK, CFTK "Blues Brothers", WLPX, Radio City-194, WNET, WMMR and WJMP. **ADDRESS:** Send in your bids as soon as possible. Orders for direct sale items and for all bids should be sent to: Sam Barto, 489 King Street, Bristol, Connecticut, USA 06010.

NOTICE: Please try to keep your minimum order to at least \$3.00 in North America. Overseas orders should be a minimum of \$5.00. **UPDATE:** We have just added the AGDX to our ever growing list of DX Clubs that carry the HAP Page. Welcome! The following organizations also carry our listings: NASMA, ASWLC, NAP-Australia, ANARC Newsletter, SCDXC (Australia), GDXC (Greece), DXAGC (UK), ADDX (Germany), PLAY-DX (Italy), IXXCSB, CTDX (Canada), SCARS (Senior Citizen Amateur Radio Society), GNDXA and Decalcomania.