

**October 15, 2005 - Volume 43, Number 5 - Edition 1357 - ISSN 899-9733**

This time IRCA welcomes: **Willis Monk** in Old Fort, TN. This one a biggie... lotsa DX!!!! - pb

## IRCA PRESIDENT REPORT

**Nick Hall-Patch – 1538 Amphion St – Victoria, BC, Canada V8R 4Z6**

E-mail: [nhp@ieeee.org](mailto:nhp@ieeee.org)

### 2006 IRCA Convention Planning

Bids to host the 2006 IRCA Convention are now being accepted until October 15, 2005. For more information, please contact me at one of the addresses above.

**Proposal 22.1.01:** "An IRCA member's name may not appear on the same year's ballot as a candidate for both the TVA and the RHA. If a member is nominated for both, the ECC will so notify the member and ask him or her to decide between the two. If the member does not reply with an answer to the ECC in a timely manner, the ECC will make the decision for the member, based on his/her knowledge of the member's achievements." submitted by Larry Godwin.

PB MH JJ PM DP MS RW  
Y Y Y Y Y Y Y

**Proposal 22.1.01** passed

**Proposal 22.1.02** is to accept Lynn Hollerman's condensed financial statement for Mar 1-Aug 31, 2005 as follows:

IRCA chequing account:

balance on Mar 1/05:	\$1,065.97
income (from dues, and, I believe, reprint CDs)	\$1,294.95
expenses (DX Monitor publishing, web hosting, PO Box rental, printing new member packet)	\$1,041.58
balance on August 31/05:	\$1,319.34

PB MH JJ PM DP MS RW  
Y Y Y Y Y Y Y

**Proposal 22.1.02** passed

**Proposal 22.1.03** is to accept Phil Bytheway's condensed financial statement for the IRCA bookstore for Mar 1-Aug 31, 2005 as follows:

IRCA Bookstore:

Income:	\$542.11
Postage:	\$ 27.17
Misc Exp:	\$182.87
Net Gain for period:	\$332.07

PB MH JJ PM DP MS RW  
A Y Y Y Y Y Y

**Proposal 22.1.03** passed

Condensed Minutes of IRCA's 2005 business meeting (full minutes at [http://www3.telus.net/7dxr/board/minutes\\_2005.pdf](http://www3.telus.net/7dxr/board/minutes_2005.pdf))

Held at Day's Inn, Anaheim, California, August 27, 2005

Eleven members from California, Oregon, Washington and British Columbia were present for the meeting.

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President Nick Hall-Patch read the minutes from the Boise meeting of July 24, 2004.

Reports were then offered as follows:

President's report on activities of the Board of Directors over the previous season  
Publishing committee report from Phil Bytheway and Doug Pifer  
Bookstore report from Phil Bytheway. (It's in the black; new **Mexican Log** out shortly; still looking for an Almanac editor)

Secretary/Treasurer's report (203 members at present; club is in the black, and all bills paid; changeover of database program: if there have been bulletin delivery problems please let Lynn know)  
Internet/IRCA Website report (site still accumulating visitors; reminder of "Members Only Area"; would a photo gallery of members be welcome there?) (the above two reports sent in by Lynn Hollerman)

CPC Report sent in by Les Rayburn (Chair has been renamed "Broadcast Test Co-ordinator" after IRCA and NRC CPCs combined forces under one chair; moving more towards asking members to contact local stations for tests; 15 tests conducted; more tests are at short notice; publicity obtained from BTC speaking at Society of Broadcast Engineers meetings; the possibility of 60 second mini-tests; the need for DXers to respect those in the broadcast industry and strive to create a positive image with stations).

Publicity chair's report was delivered by Mike Sanburn (publicizing club through searches for radio station promotional material and reduced advertising costs in magazines; suggestion from the floor included seeing if Coast to Coast radio could offer more publicity)

Reprint editor's report (updated Reprint List produced, creation of searchable CD of all reprints offered; progress on creating CD archive of DX Monitors)

Award Committee Chair report (only Ric Heald Award generated this past season) (above two reports sent in by Lee Freshwater)

Elections Committee Chair's report sent in by Ray Bauernhuber (slight increase in voter turnout for general elections; overall success of process over the two seasons since Ray took over the job)

New Business:

It was generally felt that though our membership has not increased, that we was probably doing as well as can be expected.

It was suggested by Bob Wien that any future Almanacs be placed online with password protection, and that hard copies be printed as ordered.

There was some discussion of creating a more detailed IRCA history than we have at present; Doug Pifer expressed interest. It was also pointed out that the board might be helped by having an archive of BoD records for future boards to draw on; this is being worked on by the president, publisher and Larry Godwin.

Presentation of Ted Vasilopolous Award to Doug Pifer and announcement of Ric Heald Award to Art Blair took place at the banquet.

best wishes, Nick

## WESTERN DX ROUNDUP

**Nancy Johnson – 265 Waterton Wy – Billings, MT 59102-7755**

E-mail: [NancyJohnson@prodigy.net](mailto:NancyJohnson@prodigy.net)

**WDXR DEADLINES:** Each Friday. Please use Eastern Time.

### REPORTERS FOR THIS ISSUE:

- (RA) **René E. Auvray**-Henderson, NV  
General Electric P2900A  
(RA-CA1) DX'ing from Torrance, CA using 2001 Ford Crown Victoria car radio
- (BB) **Bill Block**-7716 E. Thelma Dr.-Prescott Valley, AZ 86314 [billwblock@msn.com](mailto:billwblock@msn.com)  
R-390A
- (MF) **Martin Foltz**-25102 Pradera Drive-Mission Viejo, CA [martin.foltz@qlogic.com](mailto:martin.foltz@qlogic.com)  
HQ-180A & Collins 51J-2 with 1 foot air core loop
- (LG) **Larry Godwin**-2390 Clydes Dale Lane-Missoula, MT 59804 [lbg@mtwi.net](mailto:lbg@mtwi.net)  
Hammarlund HQ-180A, Sanserino air-core box loop
- (LG-ID) DX'ing in car north of Pocatello, ID
- (GH) **Glen Hansen**-1925 Tualatin St.-St. Helens, OR 97051 [skinner@columbia-center.org](mailto:skinner@columbia-center.org)  
R-390A, Collins R388 URR, RBM-5, various wires, Radio Shack and Sanserino loops
- (DKK) **Don Kaskey**-San Francisco, CA [kaskeyfamily@yahoo.com](mailto:kaskeyfamily@yahoo.com)  
R8A, Kiwa air core loop
- (PM) **Patrick Martin**-P.O. Box 843-Seaside, OR 97138-0843 [mwdxer@webtv.net](mailto:mwdxer@webtv.net)  
Drake R8, 45' vertical with ground radials, EWE antenna for phasing with MFJ 1026, MW550P presellector
- (5P) **Dale Park**-Honolulu, HI [DXFool@aol.com](mailto:DXFool@aol.com)  
Sangean ATS-818CS, Terk AM1000 loop

(BP) **Bob Pietsch**-3700 Abby Court-Rocklin, CA 5765-4654 **robert@pietschs.net**  
Grundig Satellit 800, Terk AM Advantage loop

(DP) **Doug Pifer**-3410 Marion St. SE-Albany, OR 97322 **oregon4wd@comcast.net**  
Drake R8B, Kiwa loop

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**OF SPECIAL INTEREST**  
1090 KPTK WA, Seattle 10/4 0359 McGruff PSA, promo listing station's talk show hosts ending with "10-90 KPTK Seattle," into news. Very poor, KWAI-1080 splatter. Ex-KYCW. (5P-HI)

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550 KTZN AK, Anchorage 10/6 0250 heard with ESPN Hockey, talk show "All Night Alaska" on ESPN Radio. Mentions of "The Zone" in promos. Tough null as KOAC was giving it fits. Haven't heard this since it was KENI in the early 80's. (PM-OR)

KFYI AZ, Phoenix 9/25 1411 very weak with call ID. First time logged in daytime. Heard on 2005 Ford 500 radio in Mountain Pass, CA. (RA-CA)

620 KJOL CO, Grand Junction 9/30 2344 with ID and very strong, so I am sure that it was still on day power. (BB-AZ)  
+10/1 0044 in good per tip from Bill Block. Religious, low key Bible studies and dual ID at 0100 "620 KJOL and 1400 KDTA." Day power. New. (DP-OR)  
+10/1 0100-0300 in/out with KPOJ with Christian music. Didn't get ID until 0300. KFRC only half bad with A's wrap up show and religious talk. (DKK-CA)

KWAL ID, Wallace 10/1 0111 fair with country music (Dixie Chicks) mixing in below KJOL. (DP-OR)

630 KHOW CO, Denver 9/30 0815-0821 local talk show, traffic and weather. Had to wait for call ID. First time noted here, very rare due to KFI's lowered transmitting power. (RA-CA1)

650 KENI AK, Anchorage 10/5 0300-0310+ with ABC news, local weather after a couple ads and a nice clear KENI call letter ID. Then into C2C program with George Norry. The signal was strong at 0310 looping NNW, better than KSTE looping NE (both carrying C2C). Buzz was there but KENI came through over it and was easy copy. Music QRM was probably CISL. First time heard since the days of KYAK 27-28 years ago. (DKK-CA)

830 KFLT AZ, Tucson 10/1 0243 with contemporary Christian music and numerous mentions of Family Life Radio, very much dominating the channel. (BP-CA)

880 CHQT AB, Edmonton 10/5 0020 noted atop frequency with 80's pop music, "For the super hits of the 70's and 80's... Cool 880." There followed many promos, Cool 880 slogans and an ad or two. Stayed atop. (DKK-CA)

890 KFJQ ID, Meridian 10/3 had a weak signal 0957-1000 with Ranchera music. Huge signal jump at top of the hour and ID in Spanish that mentioned Nampa, Ontario and Caldwell. (LG-MT)

920 KVEL UT, Vernal 10/1 0047 with many ads for Vernal and ID "KVEL." (BB-AZ)  
KXLY WA, Spokane 10/6 0258 ID "You're listening to newscast radio K-X-L-Y," followed by newscast, in among a jumble of stations. (BP-CA)

930 KRKY CO, Granby 10/5 0850 with ID "Colorado High Country country." (BB-AZ)

980 KFWB CA, Los Angeles 9/25 0855 weather report, "KFWB news time is 5:55," into business news. Slight QRM from local KNUU-970. Grundig Yacht Boy 400. (RA-NV)

1010 KCPW UT, Tooele 9/25 strong with NPR and call ID at 1059. Obviously no longer silent. (LG-ID)

1050 CJNB SK, North Battleford 9/27 2340 C&W music, male announcer with ID. Real choppy and weak with unID's underneath. (GH-OR)

1100 KNZZ CO, Grand Junction 9/25 0008-0010 carrying Fox News, temperatures read by Jerry Doyle, into the Glen Beck show. Fair. (RA-NV)  
+10/1 0340 found with very readable signal under 50kw local KFAX. Talk, ads, ID at 0344:30 nice call ID then back to talk. Never ever heard this guy before. This about clinches it that his night antenna is outa whack. (DKK-CA)

1130 CKWX BC, Vancouver 9/24 2302 noted with "News 1130," Canadian news in Vancouver, fair with QRM. 2005 Ford 500. (RA-NV)

1150 KTLK CA, Los Angeles 9/24 2306 ad for Mercedes Benz of South Bay, new local in Los Angeles and Ontario. Fighting through QRM and carryover from KFSN-1140 North Las Vegas. 2005 Ford 500. (RA-NV)  
+10/4 0151 tape-delayed Mike Mallory Show, outro "Mike Mallory Show on Air America Radio," network ads, faded out, then back with lending company ad, ID "KTLK AM 11-50 Los Angeles," local newscast mentioning slogan "L.A.'s Progressive Talk, AM 11-50." Fair, unID way underneath. (5P-HI)

CKFR BC, Kelowna 10/5 0328 with "Oldies 11-50" and mentions of Kelowna area. Battling KTLK all the way, and another syndicated talker. Would rise to the top occasionally. Heard previously as CKBL. (DKK-CA)

1180 KERI CA, Wasco 9/27 very strong in local KOFI null 0858-0900, obviously on day power. Aired English and Spanish commercials and at top of the hour ID'd as KERI Wasco, Bakersfield, (another town that sounded like "Phoenix"). (LG-MT)

1190 KXMX CA, Anaheim 9/24 2158 came through (may have been Vietnamese), fair with QRM. First time heard in Henderson, using Grundig Yacht Boy 400. (RA-NV)

1220 KNTS CA, Palo Alto 10/7 0916 with lots of "KNTS" & "KNTS 1220" ID's. (BB-AZ)

1230 KDAC CA, Ft. Bragg noted atop frequency 10/4 2056 with up tempo Mexican instrumental. Checked with KLLK-1250 and it was identical. Stayed more or less atop until the top of the hour when triple ID was given for Willits, Ukiah and Ft. Bragg. Haven't heard these guys in nearly 30 years. Probably first time in the evening. (DKK-CA)

KLAV NV, Las Vegas 10/6 2051 with "KLAV" ID. (BB-AZ)

KRSY NM, Alamogordo 10/3 2200 with ID "KRSY" and then lost. (BB-AZ)

KPSA NM, Roswell 10/6 2100 with ID only "KPSA." (BB-AZ)

1240 KJAA AZ, Globe 10/6 2048 with "KJAA Globe" ID. (BB-AZ)

KDGO CO, Durango 10/6 2034 with "KDGO" ID. (BB-AZ)

1280 KIT WA, Yakima 9/30 0030 man gave weather report and ID, in fair at times with lots of static noise. (GH-OR)

1300 KROP CA, Brawley 10/2 2048 with ID "Imperial Valley's Real Country KROP." (BB-AZ)

KAZN CA, Pasadena 9/25 0013 a talk show in Chinese, a Chinese man taking phone calls. Fading in and out. First time in Henderson on Grundig Yacht Boy 400. (RA-NV)

1320 KCTC CA, Sacramento 9/24 2311 call ID in between contemporary songs "Great songs, great memories." Fair with QRM using 2005 Ford 500 radio. (RA-NV)

1330 KGAK NM, Gallup 10/1 2223 with ID in English and then into C&W music. (BB-AZ)

1340 KIKO AZ, Miami 10/6 2047 with "KIKO" ID. (BB-AZ)

KPGE AZ, Page 10/6 2045 "KPGE Lake Powell Country" ID. (BB-AZ)

KCQL NM, Aztec 10/3 2033 with "KCQL" ID. (BB-AZ)

1350 KABQ NM, Albuquerque 9/29 2159 with "KABQ" ID. (BB-AZ)

1360 KHNC CO, Johnstown 10/3 0959 with ID way under KPHQ. (BB-AZ)

KRKK WY, Rock Springs 10/3 2100 with "KRKK" ID. (BB-AZ)

1380 KTKZ CA, Sacramento 10/3 0030 fair signal with news and ad for Get Out of Debt, unID oldies station far underneath. (GH-OR)

1400 KTUC AZ, Tucson 10/5 2038 with "KTUC" then lost. (BB-AZ)

KJOK AZ, Yuma 9/30 2108-2147 the dominant station in & out with oldies, ads, Dave's Diner program, Arizona Diamondbacks Dugout Show at 2145. (MF-CA)

1450 KWFm AZ, Tucson 10/5 2156 with ID "In Tucson its Cool 1450." (BB-AZ)

KLBM OR, La Grande 9/30 2154 fair with "Super Talk 1450 and 1490 AM." (DP-OR)

KZNU UT, St. George 10/5 2157 with "KZNU" ID. (BB-AZ)

1460 KUTI WA, Yakima 10/3 2345 man said "Yakima country legend, 1460 Country Cutie," in strong like a local. (GH-OR)

1490 KMET CA, Banning 9/25 1929 completing broadcast of Dodgers baseball, back to regular scheduled programming. Started originally to find out who carries Dodgers Radio Network. Heard in Ontario, CA on 2005 Ford 500 radio. (RA-CA)

KYNR WA, Toppenish 9/24 0150 faint ID in the jumble with KLOG(?). Really weak and sputtering in & out with R-388 on E/W wire. (GH-OR)

1520 KOKC OK, Oklahoma City 9/25 0025 mentioning when Michael Savage can be heard, call ID, followed by the Laura Ingram show. Fair. First time heard since changing call letters from KOMA. (RA-NV)

1530 KFBK CA, Sacramento 9/30 0705 man with "Weather for the valley... it's ?? degrees in Sacramento, on newstalk 15-30 KFBK," into Wall Street Journal Radio anchored by woman. Poor, KREA-1540 slop. (5P-HI)

1570 KPRO CA, Riverside 9/25 strong and dominant at 1000 with soul music and full ID. (LG-ID)

KSXT CO, Loveland 9/29 very strong on day power at 2305, announcer said to go to **1570ksxt.com**. Talk show followed. (LG-MT)

1590 KLIV CA, San Jose 9/30 0917 mentioned news in San Jose city schools, plus local news. Very weak, unknown Spanish station with QRM. (RA-CA1)

1630 KRND WY, Fox Farm has had a very distorted signal for weeks. Last noted 10/6 at 0755 with Spanish programming and "La Grande" ID. (LG-MT)

**HELP WITH UNID'S**

1700 UNID Bill Nittler's unID "Cash 1700" is XEPE as he suspected. (MF-CA)

**UNIDS**

670 UNID 9/260001 have a clue that may help – Spanish station saying they are in Baja California, Tijuana (Mexico). Got through QRM. Who knows the call letters? (RA-NV)

810 UNID 9/25 2308 Spanish station in front of KGO, nearly took over. Who? 2005 Ford 500 radio. (RA-NV)

910 UNID 9/26 0857-0858 Radio Disney doing Top 10 countdown, extremely weak. Where is it broadcasting from? Grundig Yacht Boy 400. (RA-NV)

1260 UNID 9/25 2317-2318 stations announcing Wyoming athletics sponsors in the state. Fighting through QRM. Who is this? 2005 Ford 500 radio. (RA-NV)

1290 UNID 9/25 2320 fighting through QRM with a college football game, did not hear names of teams. A sports station? 2005 Ford 500 radio. (RA-NV)

1360 UNID Focus on the Family talk show 10/1 0130, barely above and mixing with Mexican pest. Occasionally heard, never able to ID. (GH-OR)

- 1490 UNID 9/26 1948 heard a station in what may have been Chinese. First time heard. Had monitored KMET earlier. Where are they transmitting from? 2005 Ford 500 radio. (RA-NV)
- 1590 UNID 9/25 2258 contemporary music, first fair then fading. Where? 2005 Ford 500 radio. (RA-NV)
- 1700 UNID 9/29 0030 Ray Lucia financial show, ad for free credit report. In strong with KQXX(?) underneath. Help! (GH-OR)

Thanks to our reporters this week. Nancy 10/7 2100

### CENTRAL DX ROUNDUP

**John C. Johnson – 265 Waterton Wy – Billings, MT 59102-7755**

E-mail: [John\\_Johnson@prodigy.net](mailto:John_Johnson@prodigy.net) CDXR reports ONLY: [cdxr@prodigy.net](mailto:cdxr@prodigy.net)

#### RIDING GAIN

- [NJ-MT] **Nancy Johnson**, Billings, MT [NancyJohnson@Prodigy.net](mailto:NancyJohnson@Prodigy.net)  
Drake R8B, Kiwa loop.
- [TN-WI] **Tim Noonan**, Oak Creek, WI [DXing2@aol.com](mailto:DXing2@aol.com)  
<http://www.angelfire.com/wi/dxing>  
Kenwood R-1000, Radio West Loop.
- [MS-MB] **Morris Sorensen**, Winnipeg, MB [morsor2002@shaw.ca](mailto:morsor2002@shaw.ca)  
Drake R8 with Quantum QX Pro Loop, Hammarlund HQ-150 with SM-2 Space Magnet Loop, DX-392 and YB-400 portables.

#### DOWN THE DIAL

- 600 KGEZ MT, Kalispell. 10-4 poor through others. 23:00 with legal ID. New for me. [NJ-MT]
- 900 WATK WI, Antigo. 10-4 fair. 20:35 with calls and mention of Real Country. New. [TN-WI]
- 970 WATH OH, Athens. 10-2 good. 22:00 ESPN, legal ID jingle, CBS News. New. [TN-WI]
- 1070 KVKK MN, Verndale. 10-5 good. 08:57 with country music, legal ID on hour. Mentioned being central Minnesota's most powerful station serving all of MN. New. [MS-MB]

#### 25 YEARS AGO

October 18, 1980 issue of IRCA's "DX Monitor" ... **Ric Heald** of San Francisco, CA commented on the second coldest summer in 50 years ... **Bill Townshend** of Washington, DC was pleased the long hot summer was finally over ... **Ernest R. Cooper** of Provincetown, MA received a verie from WVFC 1530 ... **Jim Herkimer** of Caledonia, NY told about his WWII vintage Hammarlund Super Pro BC-779 receiver ... **Gerry Thomas** of Pensacola, FL purchased a second-hand SPR-4.

#### OPEN MIKE

The new DX season is heating up, all of our reporters have logged new stations this week. When reporting, please follow the format seen in the column and always report in Eastern time. This column was typed 10-8-05. 73, John

### EASTERN DX ROUNDUP

**Lee J. Freshwater – 414 SE 3rd St. – Ocala, FL 34471**

E-mail: [lfreshwater@cox.net](mailto:lfreshwater@cox.net)

Deadlines: 0800 Saturdays!! we are NOW weekly!!!!

#### STARS OF THE WEEK

- (IEN-GA) **Ira Ebert New** Watkinsville, GA  
Drake R8B, 135' N/S LW, Sangean ATS 909, Panasonic Portable, Select Antenna
- (BT-NB) **Brent Taylor** Doaktown, New Brunswick  
Sony ICF 2010 barefoot
- (RL-NC) **Russell Lay** Nags Head, NC  
Grundig YB YB-400
- (DH-NJ) **David Hochfelder** Highland Park, NJ  
Drake R-8, Quantum QX Pro & KIWA Loop
- (MH-NC) **Mike Hardester** On the Road in Eastern NC  
Toyota Highlander w/embedded antenna

#### LOGGINGS

- 580 AL WBIL Tuskegee 10/01 2024 Tuskegee Institute Football. The Golden Tigers were playing the Albany State Golden Rams in Albany, GA. Good signal above the mix of stations. "Rejoice 580, WBIL". (IEN-GA)
- 850 CO KOA Denver 10/02 0605 Fair/poor, with WEEI nulled near local sunrise. Weather report for the "rest of the overnight," followed by temps for Boulder and

- 920 SC WYMB Denver, and then the ID, "news radio 850, KOA." Heard in Miscou before, but New from home. (BT-NB)  
Manning 9/27 2317-2400 O/U WTCW w/simulcast of sister FM "102.1-The Fox" which were the only ID's heard this night. 9/30 ran full AM/FM ID at 0030 including mention of "Cumulus Broadcasting stations" (RL-NC)  
(this is Russell's UNIDEN from last week-ed)
- 960 NC WRNS Kinston 09/30 1350 Noted //FM 95.1 with Country mx; Not GSPL. Cannot confirm that this is a permanent change; noted w/same format on return trip later in the afternoon. (MH-NC)  
(I show them as S. GSPL, New NRC log shows as GSPL and M street book says GSPL, However Scott Fybush 100,000 watts shows they changed from Gspl to Country 1/1/06 Now // with FM - ed)
- 1020 CT WKZE Sharon 09/30 0015 Excellent and dominant. // 98.1. Bluegrass show called "Harmony Junction" and frequent Rhinebeck, NY mentions. New. (DH-NJ)
- 1230 NC WLNR Kinston 09/30 1330 Station NOT noted while driving through Kinston at this time, or on return trip later the same day. (MH-NC)  
(I show as Spanish - not silent- ed)
- 1260 TN WNOO Chattanooga 10/05 1858 Soul music. Good signal above the static and mix of stations. "Heritage Soul, WNOO". (IEN-GA)
- 1270 FL WNLS Tallahassee 10/01 2047 Fox Sports "Game Time Saturday" with a decent, steady signal. "1270, WFLA". (IEN-GA)
- 1340 NC WOOW Greenville 9/30 1450 FCC database lists LICENSE CANCELLED as of 03/02/2004. "License cancelled and call sign deleted by letter dated March 2, 2004 for failure to file a renewal application." STA authorized April 2, 2004. On January 28, 2005 the renewal application was denied and reason given: "Red light dismissal" (which is what?) As noted earlier this year, still operational. (MH-NC)  
(I also show this as DELETED. Should NOT be on air- ED)
- 1360 NY WYOS Binghamton 09/15 2034 Fair to good. Call ID's at bottom of hour. New. (DH-NJ)
- 1420 PA WCED DuBois 09/30 0000 Very good and dominant. Clear call ID after local "Community Calendar. New. (DH-NJ)
- 1430 TN WOWW Germantown 10/03 2058 Radio Disney fare. Mixed with WFHK in Pell City, Alabama. ?AM 1430, Radio Disney!?. (IEN-GA)
- 1550 PA WITK Pittston 09/28 0900 Very good and dominant. EWTV Catholic pgm. Day logging. New. (DH-NJ)
- 1560 TN WMRO Gallatin 10/06 2332 Oldies. Weak with slight fades, but above the mix of stations and static. "Magic 1560, WMRO". (IEN-GA)
- 1570 OH WANR Warren 10/6 0100 Good to very good at peaks, which were long in duration. Carrying oldies and several partial IDs as WLOA or 1470 and 940. TOH a clear city and call ID for 1570 WANR, 1470 WLOA, and WGBR 940. New. (DH-NJ)
- 1570 OH WANR Warren 10/6 0100 Good to very good at peaks, which were long in duration. Carrying oldies and several partial ID's as WLOA or 1470 and 940. At TOH a clear city and call ID for 1570 WANR, 1470 WLOA and WGBR 940. New. (DH-NJ)
- 1580 NY WLIM Pachogue 09/28 0800 Excellent. Polskie Radio; Polish language programming, lists a string of parallels across country, Day logging. New. (DH-NJ)
- 1590 PA WPWA Chester 09/27 0800 Good to excellent at peaks. Before 0800 GSPL mx; then Korean. At TOH: "Praise 1590." Day logging. Audible at night, but weaker. New. (DH-NJ)
- 1610 NC WNBR326 Raleigh (presumed) 09/30 1618 w/National Weather Service rebroadcast for Raleigh and area, mixing with UNID station with talk alternating with W talking. I was approximately 90 air miles from Raleigh at the time of reception, and about 68 miles from Tarboro Tarboro is seeking authorization for a 60 watt HAR on 1610 WQBV479. Could this be the other station? Can anyone in the Raleigh / Tarboro area confirm either station's operation? Poor signal, but parts were clear. (MH-NC)

\*\*\*\*\*  
That's a wrap for the week. Thanks to you all.....1000 10-08-05





**DX WORLDWIDE – WEST / TROPICAL BAND DX****Patrick Martin – P.O. Box 843 – Seaside OR 97138**E-mail: [mwdxer@webtv.net](mailto:mwdxer@webtv.net)

all times UTC

Greetings everyone,

Another nice column this time around. This time there are TAs, LAs, and TPs. Quite a few reporters too. So away we go.

**TRANS-ATLANTIC DX ROUNDUP**

- 162 **FRANCE**, heard 0352 UTC, mx and then woman talking 10/8. (PLF-MN)  
 189 **ICELAND**, 0350 10/8. Easy going mx by female singer. (PLF-MN)  
 756 **UNID**, 10/8 0228 Classical mx hrd here. Never did hear anything spoken. Prob Germany and unneeded. Poor at best. (MS-AB)  
 1134 **UNID**, 10/8 0234 Man and woman talking very rapidly in what sounded like SS, but I am not sure. Spain is listed on this frequency but I usually hear Croatia. Poor. (MS-AB)  
 1215 **UNITED KINGDOM**, 10/8 0242 Virgin Radio with what sounded like oldies type mx. Male DJ with a very British accent. Usually I did not hear any Virgin Radio ID's. Fair at times. There was a second station underneath this, but I was unable to get the language. (MS-AB)  
 1314 **NORWAY**, 10/8 0210 with it's usual early morning fair of pop mx. Male DJ speaking NN, Good signal at times. (MS-AB)  
 1377 **FRANCE**, Lille 10/8 0253 with man and woman speaking FF. Strangely no //s heard which is unusual. Fair at times. (MS-AB)  
 1404 **UNID** 10/8 0255 Fair choral mx hrd here. Poor at best. (MS-AB)  
 1424 **UNID** 10/8 05 female singing an operatic solo. Poor at best. (MS-AB)

**PAN-AMERICAN DX ROUNDUP**

- 530 **TURKS & CAICOS**, RVC 0740 UTC 10/7, with rel mx arriving here rather nicely, through minor buzz. Continued atop numerous TISs during entire listening period. First time I've ever hrd them, believe it or not. (DKK-CA)  
 880 **MEXICO**, Los Mocis, Sin. XEPNK 0258 10/8 with "Super Oldies" with the best signal that I have heard from them. (BB-AZ)  
 1500 **MEXICO**, Mexico DF, XEDF very strong and al aone at 1200 9/11. Man said "Desde la Ciudad de Mexico, escuchan la estacion de las grandes personalidades XEDF, 1500 AM... 50,000 watts... las 24 hours... Radio Formula." (LG-MT)

**TRANS-PACIFIC DX ROUNDUP**

- 153 **RUSSIA**, Komsomolsk, 1300 10/4 with 5 pips, one tone. Weak but good, man in RR. (DV-OR)  
 + 1330 10/7 Good with man in RR //189,279. (PM-OR)  
 + 1342 10/3. Sounded like gregorian chant interspersed w/man in RR talk //279. Fair-poor. (NHP-BC)  
 189 **RUSSIA**, Belogorsk, 1330 10/7 Good with man in RR //153, 279. (PM-OR)  
 + Fair with man singing. Very steady signal. 1339 10/3. First LW station. (DV-WA) (Congrats. These three seem to be the only ones on at the moment. There have been several others in the past, 171, 180, 234, 243, etc PM)  
 + 1345 10/3 RR talk by man //279, some noise, fair signal. (NHP-BC)  
 279 **RUSSIA**, Yuzhno-Sakhalinsk, 1256 10/4 weak with good audio. (DV-WA)  
 + 1330 10/7. Good with man in RR //189, 153. All three of these were about equal at S9. 189 used to be weaker than the other two. A power boost? (PM-OR)  
 + 1342 10/3. Sounded like gregorian chant interspersed w/man in RR talk //153. (NHP-BC)  
 525 **ALASKA**, Nenana "ICW" aeronautical beacon, 10/7 1150. good level. Not heard in several years. 1 KW. (AWP-CA)  
 531 **AUSTRALIA**, West Kempsey 2PM good with C&W mx at 1320 10/9, over station in Samoan, presumed 1XPI. (PM-OR)  
 531 **UNID**, odd sounding language here at 1435 10/10. Weak weak to copy. (PM-OR)  
 540 **CHINA**, CNR1 hrd with echo with several transmitters operating at 1415 10/9. Woman in CC. (PM-OR)  
 550 **ALASKA**, Anchorage KTZN "The Zone" heard with ESPN Hockey At 0730 10/6. Talk show noted "All Night Alaska" on ESPN radio, on ESPN radio, Mentions of the Zone. Tough null on KOAC, but giving me a lobe to the North, phasing out the South. Have not heard this one since 1980 as KENI. (PM-OR)  
 558t **JAPAN**, Kobe JOCR 1401 10/3 JJ talk by woman up to the hour, fading down, but chimes leading up to a single tone on the hour. Fair. (NHP-BC)  
 + t 1338 10/5, poor. (SR-OR)  
 567 **JAPAN**, Sapporo JOIK 1324 10/3 weak with M&F JJ talk. (DV-WA)  
 + 1349 10/3 JJ talk by man //594 which had poorer signal, fair fading to poor. (NHP-BC)  
 612 **PHILIPPINES**, Cebu DYHP good with male ancr taking calls in Tagalog as usual. On top of channel at 1420 10/10. (PM-OR)

- 639 **CHINA**, CNR1 synchros 1343 10/5. CC talk by M&F, light western vocal mx //5030. Fair (NHP-BC)  
 + CNR good with CC talk by female at 1345 10/7 o/domestics. (PM-OR)  
 648 **UNID**, hrd man talking in Unid language 1304. Signal was very poor to just above noise level. (BB-AZ)  
 650 **ALASKA**, Anchorage KENI, 0700-0710 10/5 With ABC News, local wx after a couple of ads and a nice clear KENI call letter ID. Then into C2C program with George Noory. Signal was strong at 0710, looping NNW. Better than KSTE looping NE, both carrying C2C. The buzz was there, but KENI came thru over it and easy copy. Mx QRM was probably CISL. First time heard since the days of KYAK 27-28 years ago. (DKK-CA)  
 + 0600 10/7 with ID "The voice of... KENI Anchorage" 0905/1105 Post news ID, wx for Anchorage, back into Coast to Coast AM. (MH-CA)  
 + Hrd briefly above KSTE/CISL with "Alaska Weather" Then back with the others. (DV-WA) (Date & Time? PM)  
 657 **D. KOREA**, 10/5 1304 woman in loud KK, best signal this season. (DV-WA)  
 657 **UNID**, man talking in Unid lang 1317 10/4. (BB-AZ)  
 666 **JAPAN**, Osaka JOBK hrd 10/6 1250 JJ talk just above noise level. (BB-AZ)  
 675t **VIETNAM**, My Van VoV1 1400 10/5. 6 pips hrd in mess on hour. Different pips than China, all same pitch, the first one seemed longer than the 4 following though it might have been the recording, followed by final long pip. Snatches of mx beforehand in splash, could have been chimes. Very poor. (NHP-BC)  
 + 1359-1401 10/6, Interval signal before 1400, 6 time pips to 1400, the last one being longer but all same pitch. ID at 1400 with woman in Vietnamese with mentioned of "Viet-Nam" sounded divided by her accent, then march mx (NA?), and then news with M&F alternating in Vietnamese. This one has been quite common this Fall. Really a surprise. They must have done some transmitter work. They were listed as 200 KW years back, but I only heard them once before. (PM-OR)  
 693 **JAPAN**, Tokyo JOAB hrd 10/6 1312 with JJ talk, fair. (BB-AZ)  
 729 **JAPAN**, Nagoya JOCK good with IBOC hash phased at 1410 10/10. (PM-OR)  
 738 **TAIWAN**, BEL2, Fisheries station here with YL in CC //1143 at 1351 10/9. (PM-OR)  
 738 **UNID**, 1340 UTC 10/5. Poor. (SR-OR)  
 747 **JAPAN**, Sapporo JOIB hrd 1320 10/4 in JJ. (BB-AZ)  
 + t Hrd 1342 10/5. Poor to weak. (SR-OR)  
 774 **JAPAN**, Akita JOUB fair signal at 1300 on 10/4 with theme mx and NHK pips. Noted it at still in at 1355. It was the only audible TP at this time. (LG-MT)  
 + Hrd at 1322 10/4 in JJ. Also noted 10/6 1315 with JJ talk and good signal. (BB-OR)  
 + t 1352 10/5. Weak. (SR-OR)  
 + 10/5 1420 strong, but heavy buzz bothered it. Man talking in JJ. Would have been a great signal without the buzz. Also noted 10/7 at 1355 coming in well with EE/JJ lessons. Again hrd well thru very strong buzz. (DKK-CA)  
 783 **CHINA**, CC talk quite weak here at 1425 10/9. Probably one of the 10 KW regionals listed. (PM-OR)  
 801 **UNID**, station with soft organ hymn at 1425 10/9. Either Guam or Rhema-NZ presumed. (PM-OR)  
 810 **RUSSIA**, after being alerted by John Bryant, I went looking for the Russian on 810, noted poorly u/KGO at 1440 10/9 with man in RR, vaguely sounded Radio Rossii or some network, but hard to copy u/KGO. (PM-OR)  
 828t **JAPAN**, Osaka JOBB 1343 EE lesson in progress 10/5. (SR-OR)  
 + Hrd 10/6 1320 JJ talk with fair signal. (BB-AZ)  
 846 **CHINA**, weak with KSWB off at 1415 10/9, CC talk. (PM-OR)  
 855a **D. KOREA**, good with man in rough sounding KK at 1432 10/9. (PM-OR)  
 864 **CHINA/JAPAN/KOREA** mix here at 1410 10/10. (PM-OR)  
 873 **JAPAN**, Kumamoto, JOGB 1422 10/3 Man and woman talking //828, end of opening. Nil to poor. (NHP-BC)  
 891 **THAILAND**, Bangkok, fair with beautiful chimes at 1400 10/6, woman in Thai followed, presume news. (PM-OR)  
 918 **CHINA**, Shandong, fair with woman in CC at 1408 10/9. (PM-OR)  
 927 **CHINA**, woman in CC at 1411 10/9. (PM-OR)  
 936 **CHINA**, Anhui, good with alternating M&F CC/EE news at 1403 10/6. This one has been strong this season. (PM-OR)  
 945 **CHINA**, CNR1 synchros 1416 10/5 Man in CC followed by oriental vocal mx//5030, but offset, briefly poor-fair in splash. Also fair w/woman in CC //5030 10/10 at 1408. (NHP-BC)  
 954 **JAPAN**, Tokyo JOKR good with M&F in JJ at 1445 10/10. (PM-OR)  
 963 **CHINA**, CRI with talk in RR 10/6 1325 by man just above noise level. (BB-AZ)  
 972 **REP. KOREA**, Seoul HLCA, good audio 10/5 1415 in KK, again thru buzz. (DKK-CA)  
 + Hrd 10/6 1328 talk by man in KK very poor. (BB-AZ)  
 981 **CHINA** CNR 1, fair in het, hum with YL in CC, over Unid CC (Taiwan?) at 1420 10/9. (PM-OR)  
 1008 **JAPAN**, Osaka JONR good with YL in JJ in passing at 1350 10/9. (PM-OR)  
 1017 **CHINA**, CC talk in passing at 1351 10/9. (PM-OR)  
 1044 **CHINA**, CRI, fair with woman in JJ at 1435 10/10. (PM-OR)  
 1116 **AUSTRALIA**, Brisbane, 4BC, good at 1445 10/9 with tele-talk. (PM-OR)

- 1152t **JAPAN**, Kusjiro JOPC (most likely) 10/5 1410 woman talking, just over noise level. (DKK-CA)
- 1161 **TAIWAN**? Sounded like commercial station here. Logged and QSL'd 2 Taiwan stations in the past. Too weak to tell which one at 1417 10/9. (PM-OR)
- 1179 **JAPAN**, Osaka JOOR, fair o/KEX IBOC hash with woman in JJ at 1434 10/10. (PM-OR)
- 1206 **UNID**, weak at 1250 10/4. Female in unknown lang. (DV-WA) (Likely China, maybe in KK (CRI) PM)
- 1242t **JAPAN**, Tokyo JOLF (most likely) good audio and m/f talking 10/5 1355. Mx until nearly 1400. Pips at 1400, 3 short and 1 long. (DKK-CA)
- 1278 **CHINA**, Hebei, probabl the one with the CC talk at 1430 10/8. (PM-OR)
- 1278 **UNID**, fair with drums 10/4 1305, faded out. (DV-WA)
- 1323 **CHINA**, CRI Govorit Pekin 1345 10/7 Woman in RR //963, nil to poor. (NHP-BC)
- + Good with woman in RR at 1420 10/9. (PM-OR)
- 1377 **JAPAN**, NHK2 possibly Yamaguchi, 1406 10/5 Man & Woman w/EE lessons //774 parallel only ID possible, not readable otherwise in splash, Nil to poor. (NHP-BC)
- 1386 **JAPAN**, NHK2 synchros 1408 10/5 Briefly above muck w/ woman w/EE lessons //774. Nil to poor. (NHP-BC)
- 1422t **JAPAN**, Yokohama JORF (most likely) audio noted 10/5 1404. Woman talking just above noise level. (DKK-CA)
- 1566 **REP. KOREA** Cheju HLAZ weak 1344 10/5. (SR-OR)
- + Hrd 10/6 1340 with talk in CC fair signal. (BB-AZ)
- + Just audible 1354 10/7. Popped up again at 1414. (DKK-CA)
- 1593 **JAPAN**, Niigata/Matsue JOQB/JOTB 1413 10/5 woman w/EE lessons //774 Poor in splash. (NHP-BC)

**THANKS TO THESE REPORTERS**

- BB-AZ - **BILL BLOCK**, 7716 E. Thelma Drive, Prescott Valley AZ 86314 [billwblock@msn.com](mailto:billwblock@msn.com)  
DXing with R390A and longwires
- LG-MT - **LARRY GODWIN**, 2390 Clydes Dale Lane, Missoula MT 59804 [lbg@mtwi.net](mailto:lbg@mtwi.net)  
DXing with Hammarlund HQ-180A, Sanserino air-core box loop
- MH-CA - **MICHAEL HAWKINS**, CA [downsized99@yahoo.com](mailto:downsized99@yahoo.com)
- DKK-CA - **DON KASKEY**, San Francisco CA [kaskeyfamily@yahoo.com](mailto:kaskeyfamily@yahoo.com)  
DXing with Drake R8A, KIWA loop
- PLF-MN - **PAUL LAFRENIERE**, Grand Marais, MN [plafren@netscape.com](mailto:plafren@netscape.com)
- NHP-BC - **NICK HALL-PATCH**, 1538 Amphion Street, Victoria BC V8R4Z6 Canada  
[nhp@ieeee.org](mailto:nhp@ieeee.org)  
DXing with Drake R8, Flag antenna
- AWP-CA - **ART PETERSON**, 51 31st Street, Richmond CA 94804 [awpetersonpf@juno.com](mailto:awpetersonpf@juno.com)  
DXing with modified FRG-7, longwire, antenna tuner
- SR-OR - **STEVE RATZLAFF**, Elgin OR [steveratz@eoni.com](mailto:steveratz@eoni.com)  
DXing with AR7030, longwires
- MS-AB - **MIKE STONEBRIDGE**, St. Isodore, AB [stonbrdg@telusplanet.net](mailto:stonbrdg@telusplanet.net)  
DXing with AOR 7030 and 150' EWE
- DV-WA - **DENNIS VROOM**, Vancouver WA [Vroomski@comcast.net](mailto:Vroomski@comcast.net)  
DXing with JRC 545, 50' NW EWE, Palstar MW550P tuner
- PM-OR - **PATRICK MARTIN**, PO Box 843, Seaside OR 97138-0843 [Mwdxer@webtv.net](mailto:Mwdxer@webtv.net)  
DXing with Drake R8, 100' EWE, 45' vertical for phasing, MFJ 1026 phasing unit, Palstar MW550P tuner

**GRAYLAND DXPEDITION: SEPTEMBER 10 AND 11, 2005**

I had made plans to go to Grayland Friday 9 Sep and Saturday 10 Sep, local time. On Thursday, I saw the announcements of major solar flares and thought that my timing might be very good to do something I have always wanted to do -DX from Grayland during a supermajor geomagnetic storm.

It happened. The K indices ranged from 4 to 9 (the highest value on the K scale!) during that period, and the A index hit an astonishing 90. I'd call that supermajor. The auroral oval crept all the way into the US; it covered Washington state and visible aurora was sighted in New York state.

No surprise then that I heard not a single station from Japan, China, or for that matter anywhere at all in Asia. There were NO DX signals from anywhere except Australia, New Zealand, and the southern Pacific islands. Even California was weaker than I've ever heard: KGO and KFBK were poor-fair and DU DX came through, along with other 10 KHz channels.

I knew I was in for a good time when the Beverage test Friday night found Tahiti 738 in the clear. Off to bed until 4 AM (1100 GMT) to see what would happen....

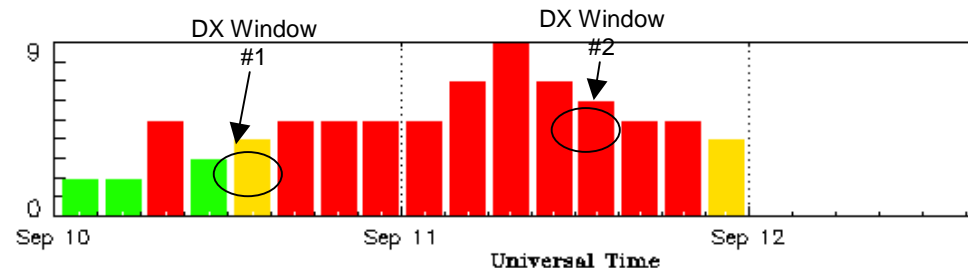
At 1100 I awoke to find an amazing dial: no Asia at all, only a few NZ stations (the stronger guys like Radio National on 567 and 675) and a dial full of Aussies. There was a signal on almost all DU channels up to maybe 1200 KHz but fewer (not by much) above 1200. However, after about 1200 signals declined and after half an hour I started to think it was going to become a boring morning. As soon as I thought it, signals came roaring back and it became a night to remember.

Off to sleep some, and then disaster struck: late in the afternoon the power went off for the entire Washington coast from Aberdeen down to at least North Cove. Should I bother to put out an antenna

for Sunday morning? And more importantly, where do I eat dinner? Fortunately the electricity came back in time for me to put the antenna out.

Sunday morning (9-11) I woke again at 1100 to find no Asia, lots of Aussies (including many that weren't heard 9-10: go figure), but many NZ stations had magically appeared. I soon forgot all about 9-10 as 9-11 was even better.

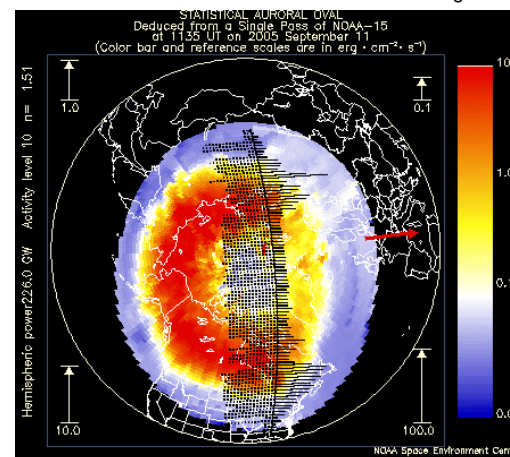
**What The Sun Was Up To**



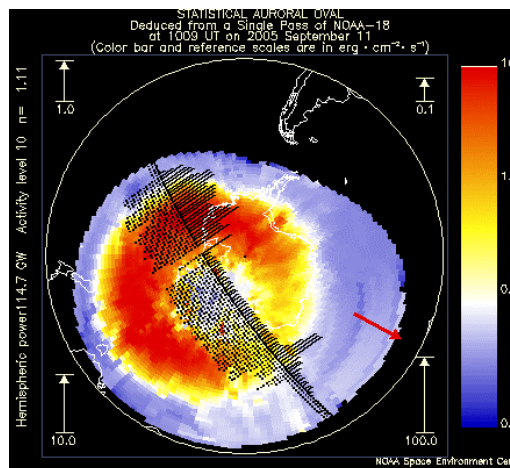
Updated 2005 Sep 12 01:46:12 UTC

NOAA/SEC

And here's the auroral oval: note that the oval itself extended to Washington state.



Here's a curious picture of the southern auroral oval. See the oval extending to the southern island of New Zealand and Tasmania?



All DX was on a 1000' Beverage (on the ground) at 213 degrees, unterminated. For those familiar with Grayland, this bearing comes close to the beach house to the south. Installation was in stealth mode: I put it out in the last minutes of dusk and rolled it in as soon as the dawn enhancement was over.

#### Highlights

- 540 New Zealand Radio Rhema all alone and good.
- 630 Australia briefly on top of the channel.
- 720 Hawaii blocking all the real DX.
- 810 unid DU mixing with KGO.
- 900 Hawaii in the way again.
- 990 unid – see the logs.
- 1080 Hawaii should be what I heard but not sure
- 1170 didn't check – too busy
- 1260 didn't check – too busy
- 1350 didn't check – too busy
- 1440 didn't check – too busy
- 1530 Australia – in the course of logging most of the 2SM net, this was noted on top of a weakened KFBK.

Plus bunches and bunches of stations in the 2 kW to 5 kW range that hadn't been heard in Grayland before.

Not highlights, but still bright lights

- 531 **UNID** with a sports event but I couldn't say what game 1200 Sep. 10. None of the candidates seem likely: 2PM with their EZL, 4KZ with adult contemporary, or 1XPI with island languages. (CH-WA Sep 2005)  
+ Good 1243 Sep 11 with country music on 2SM's Country Music Radio but no one is listed with 2SM. Who? (CH-WA Sep 2005)
- 540 **NEW ZEALAND** Radio Rhema 1XC Tauranga 1326 Sep 11 good+ IDs, then all alone on the channel with not a trace of any other station. Amazing. Not previously logged from Grayland. (CH-WA Sep 2005)
- 549 **AUSTRALIA** 1059 Sep. 10 with rugby game totally in the clear at many points with a fair to good signal. This must be 2CR Orange, NSW as it's the only Aussie on the channel. Odd to hear this so strong and clear, as there's only been two previous logs from Grayland and is new to me. (CH-WA Sep 2005)
- 549 **NEW ZEALAND** Invercargill, calls unknown, parallel to 1125 and 1503, fair 1144 Sep 11. Odd that Australia was all alone Sep 10 and NZ was all alone Sep 11. (CH-WA Sep 2005)
- 558 **AUSTRALIA** 4AM Atherton 1426 Sep. 10 excellent at times with talk, tele-talk and music. 1427 "time now to return on ABC (or BBC) grand film to London – the ?? series – and songs you love". A few minutes later, they were in a tele-talk program. Not // the 2SM net. But... a few minutes later, I happened to notice it was // 1125 and 1098 with a country music show which means this must be the SC net. Can anyone confirm this? I don't see a country music program on the SC web site. (CH-WA Sep 2005)
- 567 **AUSTRALIA** 1410 Sep 10 mix of country mx and choral mx at fair-poor levels. 4JK Julia Creek is the only real Aussie possibility. The other station is likely NZ National Radio but no ID heard. First log from Grayland. (CH-WA Sep 2005)
- 576 **AUSTRALIA** 2RN Sydney ABC National with New Orleans music at almost enjoyable levels 1213 Sep. 10. (CH-WA Sep 2005)  
+ 1410 Sep. 10 very good with a radio drama way on top of music from Southern Star. (CH-WA Sep 2005)  
+ Very good 1246 Sep 11 with jazz program. (CH-WA Sep 2005)
- 585 **AUSTRALIA** 2WEB Bourke NSW 1246 Sep 11 with good+ 2WEB ID's, promo and calls. What a signal – only 5 kw. Not previously logged from Grayland. First log from Grayland. (CH-WA Sep 2005)
- 585 **AUSTRALIA** 7RN Hobart with the ABC National jazz program 1246 Sep 11 way under 2WEB the DX crusher. (CH-WA Sep 2005)
- 594 **AUSTRALIA** frequently heard 3WV Horsham, Victoria fair to good 1105 Sep. 10 with sports event but more interestingly a poor EE station way underneath that I didn't get an ID on. (CH-WA Sep 2005)
- 594 **NEW ZEALAND** Radio Rhema 1329 Sep 11 with mx way under Australia that after several tries I decided was indeed Rhema parallel to 540. The hardest of the Rhema stations to log tonight. (CH-WA Sep 2005)
- 603 **AUSTRALIA** 2RN Nowra NSW 1255 Sep 11 a mix of two fair signals, one of which was // ABC National on 576 so must be 2RN. (CH-WA Sep 2005)
- 621 **AUSTRALIA** 3RN ABC National, Melbourne, Victoria fair with talk about population levels 1107 Sep. 10. One previous Grayland log but new to me. (CH-WA Sep 2005)  
+ 1256 Sep 11 with an excellent signal (!) from the National program. One previous log from Grayland, and here it was tonight at an excellent level. Wow. Second log from Grayland. (CH-WA Sep 2005)

- 630 **AUSTRALIA** 4WN Townsville, Qsld amazing 1300 Sep 11 with Australian news. Usually even with and sometimes over the domestics. Not previously logged from Grayland. (CH-WA Sep 2005)
- 639 **AUSTRALIA** 2HC Coffs Harbour assumed as the EZL music fair at 1115 Sep. 10. (CH-WA Sep 2005)
- 639 **FIJI** Drasa 1209 Sep. 10 with good choral singing. (CH-WA Sep 2005)
- 639 **UNID** EE way under Coffs Harbour 1115 Sep. 10 with what sounded like a sports event. No clue who this was – maybe NZ National Radio as the sometimes-heard 8RN is ABC National and this was not // 621. (CH-WA Sep 2005)
- 648 **AUSTRALIA** 2NU Tamworth, NSW good+ (!) with rugby. (CH-WA Sep 2005)
- 648 **NEW ZEALAND** R. Rhema, Gisborne religious mx mixing with Australia sports, fair, 1211 Sep. 10. (CH-WA Sep 2005)  
+ 1042 Sep 11 good or better with modern Christian mx. Every now and then, it must have been the best station on the band. How can it do that with only 5 kw? (CH-WA Sep 2005)
- 657 **AUSTRALIA** ? 1221 Sep. 10 poor talk, should be 2BY Byrock NSW but I can't prove it. (CH-WA Sep 2005)
- 657 **AUSTRALIA** 2BY Byrock assumed the one with the mention of Radio Australia 1307 Sep 11. New. (CH-WA Sep 2005)
- 666 **AUSTRALIA** 1313 Sep 11 with sports talk ("England are 10 runs in the lead"), this would be a cricket score I suppose? If so, who would have a cricket match – 4CC, 2CN or 4LM? (CH-WA Sep 2005)
- 666 **AUSTRALIA** weak mx under the sports station above at 1313 Sep 11. (CH-WA Sep 2005)
- 666 **UNID** putting a decent het of several hundred Hz on the channel 1310 Sep 11. (CH-WA Sep 2005)
- 684 **FIJI** 1230 Sep. 10 poor with choral mx // 639. (CH-WA Sep 2005)
- 720 **HAWAII** KUALI 1234 Sep. 10 excellent with Hawaiian mx and keeping me from getting any DU DX. (CH-WA Sep 2005)
- 729 **AUSTRALIA** 5RN ABC National, Adelaide excellent with New Orleans music. Something way under, maybe NZ's National Radio. Second log from Grayland. (CH-WA Sep 2005)
- 765 **AUSTRALIA** ? poor talk and fair Led Zeppelin 1247 Sep. 10; 2EC Bega? (CH-WA Sep 2005)
- 801 **AUSTRALIA** / **UNID** 2RF Gosford in Italian fair 1113 Sep. 11. Unid underneath in EE. (CH-WA Sep 2005)
- 801 **AUSTRALIA** 2RF Gosford 1220 Sep. 11 mass in Italian, fair. (CH-WA Sep 2005)
- 810 **UNID** DU on top of an aurora weakened KGO 1351 Sep 11. This would be either 2BA Bega NSW or 4YA National Radio but I didn't go check the parallels. Either would be new. (CH-WA Sep 2005)
- 819 **NEW ZEALAND** 1YZ Rotorua 1352 Sep 11 fair and best ever for me, // to 567. (CH-WA Sep 2005)
- 846 **UNID** 1123 Sep. 10 fair with what sounds like English a capella folk singing. Maybe 2RN (ABC National) but apparently I didn't check for parallels. (CH-WA Sep 2005)
- 855 **AUSTRALIA** 4QO / 4QB 1255 Sep. 10 poor with a man talking including mentions of Australia. (CH-WA Sep 2005)
- 864 **AUSTRALIA** 2GR Toowoomba 1259 poor with man and woman talking together then pop mx with no news. (CH-WA Sep 2005)
- 864 **NEW ZEALAND** 4ZA Invercargill 1356 Sep 11 poor but easily paralleled to the ZB network on 1008. (CH-WA Sep 2005)
- 873 **AUSTRALIA** 2GB Sydney at good level with talk, pips, ID and news. (CH-WA Sep 2005)
- 891 **AUSTRALIA** 5AN Adelaide, S. Australia 1256 Sep. 10 with good talk program. (CH-WA Sep 2005)
- 891 **AUSTRALIA** 4TAB Innisfail parallel with 4TAB on 1008 at 1308 Sep. 10. While 5AN was way on top, 4TAB was clearly follow-able. (CH-WA Sep 2005)
- 891 **AUSTRALIA** 5AN Adelaide excellent with BBC news at 1401 Sep 11. (CH-WA Sep 2005)
- 909 **NEW ZEALAND** Southern Star, Napier fair+ religious mx 1402 Sep 11. (CH-WA Sep 2005)
- 927 **AUSTRALIA** 4CC Gladstone with fair country mx 1317 Sep 11. It wouldn't stay up at the same time as 666 to see if they were parallel. Rare. (CH-WA Sep 2005)
- 936 **AUSTRALIA** 1302 Sep. 10 fair with BBC news. I don't think this is Hobart but rather 4PB Brisbane ABC Newsradio as the BBC WS lists 4PB but not Hobart, and because it was // 972. Mixing with another English stn. (CH-WA Sep 2005)
- 940 **HAWAII** Honolulu best ever 1430 Sep 11 with talk about Queen Liliuokalani and very good mx. (CH-WA Sep 2005)
- 963 **AUSTRALIA** 4WK Warwick, Qsld 1350 Sep. 10 fair-poor and seemingly parallel 1134 and the 2SM net. I'm almost 100% sure, but it was a tough one and I didn't spend enough time to be sure. Not previously logged at Grayland. (CH-WA Sep 2005)
- 963 **NEW ZEALAND** Christchurch Southern Star 1159 Sep 11 poor-fair religious mx. (CH-WA Sep 2005)
- 972 **AUSTRALIA** 5PB Adelaide with good ABC News Radio ID 1304 Sep. 10 and then the "Star Stuff" science program. Awesome signal for only 2 kw! First log from Grayland. (CH-WA Sep 2005)  
+ 1355 good with talk, 2 short low and 1 long high pips, BBC WS news. (CH-WA Sep 2005)
- 972 **AUSTRALIA** very weak country music 1335 Sep 11 so it must be the 2SM stations. (CH-WA Sep 2005)

981 **UNIDS** 1403 Sep. 10 dueling mx and news, 1404 a very poor "you are listening to ???"  
(CH-WA Sep 2005)  
+ 1403 Sep. 10 poor+ mix of news and music. 3HA and/or 2NM and/or Southern Star? I  
should have taken time to look for parallels. (CH-WA Sep 2005)

990 **UNID** English accented talk about exorcism and possession at good+ level 1410 Sep. 11.  
Given the conditions I would expect Hawaii, but they are listed as "business talk". Does that  
mean talk about business or normal talk shows? With this signal, I can't see it being 4RO  
Rockhampton. (CH-WA Sep 2005)

1008 **AUSTRALIA / UNID** 4TAB Brisbane 1307 Sep. 10 good with horse racing news. Someone  
way under with what sounded like old fashioned ballads. (CH-WA Sep 2005)

1017 **AUSTRALIA** 2KY Sydney 1411 Sep 11 with good signal and a version of "Don't Cry For Me  
Argentina" followed by "Here on the Easy Mix" mention. Good enough to be entertaining.  
(CH-WA Sep 2005)

1026 **NEW ZEALAND** Southern Star, Invercargill poor-fair and – after a few relists to the  
recording – I believe I caught music // 909 1405 Sep 11. No competition from anyone else.  
(CH-WA Sep 2005)

1035 **NEW ZEALAND** 2ZB Wellington fair at times 1417 Sep 11 with a man talking but not parallel  
1008 so 1008 must have been one of the Aussies. (CH-WA Sep 2005)

1053 **AUSTRALIA** 1311 Sep. 10 2CA Canberra assumed the one well in the clear with a fair signal  
at times of oldies. Amazing as there are no previous Grayland logs. First log from Grayland.  
(CH-WA Sep 2005)

1080 **UNID** 1428 Sep 11 talk in what sounded like an island language but in 2<sup>nd</sup> place to Portland  
so I could be wrong. Hawaii is newstalk and the DU stations are not ethnic, so I have no clue  
what I heard. (CH-WA Sep 2005)

1089 **AUSTRALIA** unid weak stn 1419 Sep. 10. (CH-WA Sep 2005)

1098 **AUSTRALIA** 4LG Longreach 1420 Sep. 10 poor // 558. Assumed since it is the only SC net  
affiliate. First log from Grayland. (CH-WA Sep 2005)

1107 **UNID** 1316 Sep. 10 with fair-poor rock mx with a techno-space sound. Only an SBS ethnic  
station is listed, so who might this be? I'd have to bet 2EA with something unusual because  
otherwise I'm going to kick myself for not checking SW // to see if this is Papua New Guinea.  
2EA has an "Alchemy" program listed – sounds like it might feature odd music.  
(CH-WA Sep 2005)

1125 **AUSTRALIA** 5MU Murray Bridge 1420 Sep. 10 poor // 558. Assumed since it is the only SC  
net affiliate. First log from Grayland. (CH-WA Sep 2005)

1125 **NEW ZEALAND** Napier Radio Sport fair and a little better than the parallel on 1503 1140  
Sep. 11. New to me, but previously logged by John Bryant. (CH-WA Sep 2005)

1134 **AUSTRALIA** 2AD Armidale NSW 1327 Sep. 10 good at times // 2HD 1143 with the 2SM  
country music show. Fair with ad saying "call 15-15-33" at 1335. Not an unusual station, but  
the best ever reception for me. (CH-WA Sep 2005)

1143 **AUSTRALIA** 2HD Newcastle 1325 Sep. 10 nice! with a mention of "all time country favorites  
on Country Music Radio" then – you guessed it - country music. Not often heard, and never  
heard like this before! (CH-WA Sep 2005)

1152 **AUSTRALIA** 2WG Wagga Wagga 1330 Sep. 10 good ID for a nice surprise, taking turns with  
Fiji through the night. Not previously heard at Grayland. First log from Grayland.  
(CH-WA Sep 2005)

1152 **FIJI** Rakiraki 1330 Sep. 10 good choral mx. Nice signal for only 2.5 kw. (CH-WA Sep 2005)

1188 **AUSTRALIA** 1335 Sep. 10 fair-poor country mx // to 1134 so this is the 2SM net and  
therefore 2NZ Inverell NSW. Not previously logged at Grayland. Only 2 kw!  
(CH-WA Sep 2005)

1206 **AUSTRALIA** fair+ and approaching good 1336 Sep. 10 with country music // 1134 so yet  
another 2SM relay: 2GF Grafton NSW. New to me but logged a handful of times by other  
Graylandistas. (CH-WA Sep 2005)

1233 **AUSTRALIA** 2NC Newcastle, NSW 1136 Sep. 10 fair with a sports event. No ID, but it's the  
only Australian. New for me but occasionally heard by others at Grayland. (CH-WA Sep 2005)

1242 **AUSTRALIA** 1308 Sep. 10 – I figured I might as well check 1242 for a 4TAB relay as I'd  
heard several other 4TAB's, but instead there was some female pop singing at a poor level.  
No way to tell if it was 4AK Toowoomba, 3GV Sale or 5AU Port Augusta. Too bad – all would  
be nice catches. (CH-WA Sep 2005)

1251 **AUSTRALIA** 2DU Dubbo one of the weaker 2SM net stations but still there to be paralleled  
1335 Sep. 10. Only 2 kw & not heard previously at Grayland & not much of a signal.  
(CH-WA Sep 2005)

1251 **NEW ZEALAND** R.Rhema, 1XG Auckland poor but parallelable with 648 which is now my  
Rhema reference point for paralleling. (CH-WA Sep 2005)  
+ 1329 good+ (wow!) and parallel to Rhema 540 which I was using as the reference point for  
Rhema parallels. Almost too much to believe. (CH-WA Sep 2005)

1269 **AUSTRALIA** 2SM Sydney NSW 1335 Sep. 10: spun the dial up from 1251 to 1269 and yes  
there was 2SM itself doing fair at times. New to me and only logged once at Grayland by  
Bruce Portzer. (CH-WA Sep 2005)

1287 **AUSTRALIA** 2TM Tamworth 1336 Sep. 10 – yet another 2SM relay poor but easily  
paralleled. Not often heard. (CH-WA Sep 2005)

1314 **AUSTRALIA** 1138 Sep. 10 poor-fair with horse race results. I initially assumed this was 2ZW  
on the 2KY network, but I suppose it could also have been 3BT Ballarat as they relay Sports  
927. (CH-WA Sep 2005)

1341 **AUSTRALIA** poor EE talk 1140 Sep. 10 but I could not make out the words. Assuming 3CW  
is 100% ethnic, this should be 2HH Newcastle NSW on the 2KY network, but I did not try to  
parallel it. (CH-WA Sep 2005)

1404 **AUSTRALIA** 2PK Parkes NSW 1338 Sep 11 to fair peaks // 1557 with the 2SM network and  
mixing with New Zealand. New and only 2 kw. I'm happy. (CH-WA Sep 2005)

1404 **NEW ZEALAND** 4XL Invercargill 1339 Sep 11 fair+ with modern religious mx. New. Good  
enough to serve as a reference point to look for more Rhema stations. First log from  
Grayland. (CH-WA Sep 2005)

1449 **AUSTRALIA** 1336 Sep. 10: I couldn't get quite enough to be sure it was // the 2SM net.  
(CH-WA Sep 2005)

1460 **UNID** 1432 Sep 11 religious mx, normally on top of a very weak channel. Hoping for Hawaii,  
but no ID. (CH-WA Sep 2005)

1500 **UNID** 1128 Sep. 11 in the clear with talk that sounded Korean. Normally Hawaii would be  
here but they are talk, so who's this? (CH-WA Sep 2005)

1503 **NEW ZEALAND** Wellington / Christchurch Radio Sport 1141 Sep 11, fair with sports talk //  
1125. (CH-WA Sep 2005)

1530 **AUSTRALIA** 2VM Moree NSW 1347 Sep. 10 briefly even with KFBK! Easily paralleled to  
1134 and happily logged. Only 2 kw. First log from Grayland. (CH-WA Sep 2005)

1557 **AUSTRALIA** mix of mx and talk, both poor+. The talk sounded like a horse race but could  
have been some other sports event. The mx is likely 2RE Taree with the 2SM country music  
show. I really have no clue on the sports – it shouldn't be NZ's ZB Talk Radio which leaves  
only the somewhat unlikely 500 watter 5?? in Renamrk, S. Australia. (CH-WA Sep 2005)

1566 **AUSTRALIA** 3NE Wangaratta 1146 Sep. 10 good (!) with "Da Doo Run Run".  
(CH-WA Sep 2005)

1611 **AUSTRALIA** with poor mx 1150 Sep. 10 parallel to 1629. (CH-WA Sep 2005)

1629 **AUSTRALIA** with poor mx 1150 Sep. 10 parallel to 1611. (CH-WA Sep 2005)

1639 **AUSTRALIA** Armidale and or Brisbane fair-poor with mx and a clear Radio 16 ID but no local  
mention I could catch 1154 Sep. 10. Each is only 400 Watts so this is my lowest powered DU  
reception so far. (CH-WA Sep 2005)

1701 **AUSTRALIA** R. Brisbani 1156 Sep. 10 poor-fair with mx and talk, best ever heard.  
(CH-WA Sep 2005)

#### Here's the logs from the Portzer & Hutton DXpedition to Grayland Oct 1 and 2.

153 **RUSSIA** good w/talk in Russian 1110 10/1. (bp-WA Oct 2005)

180 **RUSSIA** good 1110 10/1 w/many Radio Rossii IDs, then jazz music, was //153 with a time  
delay. (bp-WA Oct 2005)

189 **RUSSIA** 1117 10/1, good w/jazz //153/180. (bp-WA Oct 2005)

530 **ALASKA** Adak, 1026 10/1 ADK beacon mixing w/music station. (bp-WA Oct 2005)

531 **JAPAN** Morioka, JOQG, 1108 10/1, good w/woman singing //594. (bp-WA Oct 2005)

540 **CHINA** CNR1 multiple locations very poor 1408 Oct 1 2005. New. (CH-WA)

558 **JAPAN** Kobe, JOCR, 1255 10/2, sporting event in Japanese fair o/unid oriental.  
(bp-WA Oct 2005)

567 **JAPAN** Sapporo JOIK, 1442 10/1 good w/male talk //594. (bp-WA Oct 2005)

585 **JAPAN** NHK1, stations 1442 10/1 good w/male talk //594. (bp-WA Oct 2005)

585 **RUSSIA** VOR 1249 10/1, man in Chinese fair. (bp-WA Oct 2005)

603 **CHINA** unid, 1334 10/2, Chinese talk fair, about 30 possibilities listed. (bp-WA Oct 2005)

612 **PHILIPPINES** DYHP Cebu City nice 1424 Oct 1 2005 with announcer talking with someone  
on the phone. (CH-WA)  
+ 1424 10/1, animated phone talk in Tagalog briefly good, then faded u/Japan.  
(bp-WA Oct 2005)  
+ Assumed 1435 Oct 2 2005 with never-ending pop in EE at notice-causing good+ level.  
(CH-WA)

612 **UNID** 1438-1452 10/2 pop vocal music, some songs English, nonstop except for garbled  
jingle 1440. Good-poor signal. Not JOLK (wasn't //594). Possibly Radio VBC in Vladivostok -  
their streaming audio matches what I heard, though I haven't ruled out Philippines either.  
(bp-WA Oct 2005)

621 **NORTH KOREA** Chongjin fair 1236 Oct 2 2005 and parallel 3250 for a nice surprise. Mighty  
nice. New. (CH-WA)  
+ 1236 10/2, usual cold war tirade in KK //3250. (bp-WA Oct 2005)

648 **RUSSIA** 1248 10/1, woman in Korean with Russian accent fair. (bp-WA Oct 2005)

657 **NORTH KOREA** Pyongyang 1154 Oct 1 2005 to good peaks and serving as the reference  
point for a lot of parallel NK outlets on a very good Korea morning. (CH-WA)  
+ 1211 10/1, //855 but quite poor. Loud 1257 10/2 w/march music, ... - pips 1300, into presumed  
newscast. Pips from unid Chinese station way in background. (bp-WA Oct 2005)

675 **VIETNAM** Hanoi 1428 Oct 2, 2005 just excellent at times and sounding good in 4 kHz  
bandwidth. It's pretty common from Grayland, but this was one of those times when the signal  
was just so amazing that you had to stop and listen. (CH-WA)



+ 1430 10/2, march music good, then apparent ID by woman w/mentions of Vietnam & Hanoi. (bp-WA Oct 2005)

702 **NORTH KOREA** 1151 10/1 operatic female //2850 weak o/u NHK. (bp-WA Oct 2005)

+ Chongjin 1154 Oct 1 2005 - a surprise poor-fair with martial sounding choral mx (the usual fare) // 657. Another new North Korean tonight. (CH-WA)

711 **SOUTH KOREA** Seoul, HLLKA, 1225 10/2 easily separable from KIRO, KK talk //others. (bp-WA Oct 2005)

+ 1453 Oct 2 2005 still good and still getting past KIRO with little problem. It's my KBS reference point for parallels in spite of KIRO. (CH-WA)

720 **NORTH KOREA** 1229 10/2 weak chorale music //2850 u/KDWN, on about 719.9 & creating strong het. (bp-WA Oct 2005)

+ Kanggye there all AM but rising to fair level 1232 Oct 2 2005, parallel 2850. There's a low het on the channel which I suppose must be from them, as many of the North Korea transmitters are off frequency. Yet another new North Korean and I really liked nailing a North Korean on an even channel. (CH-WA)

720 **UNID** 1243 10/1 oriental music u/KDWN, not //2850-NK, possibly CNR2 but faded before I could find a //. (bp-WA Oct 2005)

+ EE under KDWN 1301 Oct 1 2005, not Hawaii, at this hour only Alaska should be possible but I left empty-handed. (CH-WA)

729 **CHINA** unid, 1302 10/2, alternating man & woman in Chinese (news?) quite strong & separable from 730, probably Jiangxi which I've heard before. (bp-WA Oct 2005)

729 **JAPAN** 1238 10/1 fair in 730 splat JJ woman //594 (bp-WA Oct 2005)

738 **SOUTH KOREA** 1100 Oct 2 2005 fair+ mixing with Chinese, standard KBS musical interlude, both had 3+1 pips, Chinese had a "guangbo dientai" ID that I can not quite decipher. New for me. (CH-WA)

+ Gyeongsan, HLLKG, 1152 10/2 fair & alone //1305. (bp-WA Oct 2005)

738 **TAIWAN** Fisheries station, 1023 10/1 Chinese talk //1143. (bp-WA Oct 2005)

756 **CHINA** CNR1 (various I assume) 1316 Oct 2 2005 fair, mixing with South Korea and parallel to steady 981. Another new one. (CH-WA)

756 **SOUTH KOREA** Yeosu, 1150 10/2 KBS1 fair-poor //1305, faded under another station with several short pips & fanfare 1200. (bp-WA Oct 2005)

+ 1316 Oct 2 2005 fair-poor – identified through parallel with 711. (CH-WA)

774 **AUSTRALIA** Melbourne, 3LO, strong & alone on SW wire w/country music program 1332 10/1. JOUB all alone on NW wire. (bp-WA Oct 2005)

774 **CHINA** unid 1419 10/2 Chinese talk mixing w/JOUB (bp-WA Oct 2005)

774 **JAPAN** Akita, JOUB, its usual strong self w/Abba tune 0954 10/1, EE lessons 1018 ("Someone already started on the pizza", "Well, I wasn't going to let it get cold"). (bp-WA Oct 2005)

783 **UNID** good level with woman tele-talking with another woman 1257 Oct 2 2005. (CH-WA)

792 **CHINA** but who? This was a commercial sounding Chinese station at an xInt level 1423 Oct 2, 2005. Man and woman, at one point saying the same thing together as if it was an ad. When I say excellent, I mean excellent. New, whoever it was. (CH-WA)

+ 1424 10/2, Chinese talk strong, but nothing resembling an ID. (bp-WA Oct 2005)

792 **UNIDS** interesting mix of 2 stns 1411 Oct 2 2005 – one with 2 men talking in seeming Tagalog (chance of me being right: 50-50) and CC. (CH-WA)

801 **UNID** with classical mx, poor 1417 Oct 2 2005. Tried all night to nail this down, hoping it would be yet another North Korean. (CH-WA)

810 **RUSSIA** unid location 1416 Oct 2 2005 mixing with KGO. New, whatever it is. (CH-WA)

810 **RUSSIA / CHINA** unid, 1412 10/2, Russian talk briefly atop channel, then lost u/KGO, Chinese talk faded up briefly 1415. (bp-WA Oct 2005)

819 **NORTH KOREA** Pyongyang fair 1202 Oct 1 2005 and parallel 702. (CH-WA)

+ 1228 10/1 fair in 820 splat, music and anmt by woman //2850. (bp-WA Oct 2005)

828 **AUSTRALIA** country music //774 1334 10/1. (bp-WA Oct 2005)

837 **JAPAN** Niigata, JOQK 1148 10/2 JJ pop tunes good //594. (bp-WA Oct 2005)

855 **AUSTRALIA** country music //774 1334 10/1. (bp-WA Oct 2005)

855 **NORTH KOREA** Sangwon 1209 Oct 1 2005 good and equaling 657 often on an all-Korea all the time morning. Rousing martial music kept me saluting the radio at all times. (CH-WA)

+ 1211 10/1, //3320 good w/rousing march music. 1354 10/2, march music quite strong. (bp-WA Oct 2005)

864 **JAPAN** fair-poor 1351 Oct 2 // the 1287 monster and way under the dominant South Korean. Not a trace of North Korea although I had dreams of logging the entire set of stations in the country. (CH-WA)

864 **SOUTH KOREA** Gangneung 1355 Oct 2 2005 owning the channel over Japan and a 3rd station. New to me, but Nick Hall-Patch had nabbed it from Grayland before. (CH-WA 2005)

873 **JAPAN** Kumamoto, JOGB, 1402 10/2, woman reading news & weather in English //828 o/u N Korea, "Radio Japan" id 1410, then JJ talk. (bp-WA Oct 2005)

873 **NORTH KOREA** unknown location to good peaks 1437 Oct 1 2005 and confirmed by SW parallel on 2850. Ho him, another new North Korean. (CH-WA)

+ 1438 10/1 good //819/2850. Not listed in PAL or WRTH. (bp-WA Oct 2005)

882 **NORTH KOREA** 1226 10/1, poor //2850 w/chorale music. (bp-WA Oct 2005)

891 **AUSTRALIA** Townsville, 4TAB, 1031 10/1 promo with "TAB" mention, then horse racing. (bp-WA Oct 2005)

891 **SOUTH KOREA** fair- at 1500 Oct 2 2005 with KBS pips on top of someone who was playing classical music before the hour but eluded my net. (CH-WA)

891 **THAILAND** 1430 10/1 possibly the one w/hypnotic horn & percussion music quite good. (bp-WA Oct 2005)

+ Nong Khae 1439 Oct 1 2005 fair with snake charmer flute mx over a Gamelan style sound. (CH-WA)

936 **CHINA** Anhui assumed the excellent signal 1114 Oct 2 2005 reaching better than ever levels. (CH-WA)

936 **CHINA** unid, 1058 10/1, phone talk, ads in Chinese, long pips at ToH, then what sounded like news. Also good 1208 10/2 w/Chinese talk. Also 1307 & several rechecks, Chinese pop tunes good. Anhui? (bp-WA Oct 2005)

945 **CHINA** CNR1, 1309 10/1 good and about 1 sec behind //6175. (bp-WA Oct 2005)

972 **SOUTH KOREA** 1352 10/2, its usual strong self, woman singing a mariachi song in Korean (!). It seemed to amuse the folks in the studio, judging from the merriment and laughter that followed (I had a similar reaction.) (bp-WA Oct 2005)

981 **CHINA** CNR1 good-poor 1142 10/1 w/female vocal music //6175. Very pronounced echo during talk 1218 10/2. (bp-WA Oct 2005)

990 **CHINA** 1403 10/2, briefly good w/Chinese music & talk, lost under domestics 1404. (bp-WA Oct 2005)

990 **UNID** an interesting unid 1417 Oct 2 2005 with mx which was not east Asian and sounded more Hindi to me. Nothing to help me further. (CH-WA)

999 **CHINA** 1222 10/1 fair in 1000 splat w/talk //6175 (bp-WA Oct 2005)

+ CNR1 outlet poor 1329 Oct 2 2005 // 981. (CH-WA)

999 **UNID** location unknown 1342 Oct 2 2005 but not a CNR1 outlet as not parallel 981. Big mix of stuff taking turns here. (CH-WA)

+ With KBS style pips (3 short at 440 Hz and 1 long at 880 Hz) at 1400 Oct 2 2005. No KBS outlet listed in the PAL. (CH-WA)

1017 **CHINA** Changchun assumed the source of good Korean 1408 Oct 1 2005 with CRI Korean program. (CH-WA)

+ 1132 10/2, CRI Korean service //5965 fair o/u JOLB. (bp-WA Oct 2005)

1017 **JAPAN** Fukuoka 1128 Oct 2 2005 to a good peak // 774 but normally losing the battle badly to China. (CH-WA)

1017 **UNID** fair 1131 Oct 2 2005, sounds Korean to me so it's the CRI Korean service from Changchun. New for me, but heard before by John Bryant from Grayland. (CH-WA)

1026 **CHINA** Beijing, 10/2 1400:20, good w/"Beijing Renmin Guangbo Dientai" ID. (bp-WA Oct 2005)

1044 **CHINA / SOUTH KOREA** CRI & KBS1 mixing 1123 10/2, KBS with woman in Korean, CRI with Japanese //7190. (bp-WA Oct 2005)

1062 **PHILIPPINES** Manila, DZEC, 1357 10/1, teletalk in Tagalog w/woman host, in wild battle with HLLKQ, possible Radio Agila ID & string of ads 1402 but didn't have recorder on. (bp-WA Oct 2005)

1062 **SOUTH KOREA** HLLKQ Cheongju 1350 Oct 1 2005 very good with KBS1 program, the KBS musical interlude played on the hour, nice call letter ID in English, and the KBS pips. Underneath was someone else with 3+1 pips but a slightly different frequency. (CH-WA)

+ 1355 10/1, good w/KK talk o/u DZEC, Network ID just before ToH, then call ID 1400, bits of Chinese pips in background, a pretty interesting channel at the time. (bp-WA Oct 2005)

1089 **CHINA** unid, 1133 10/1, Chinese talk briefly good going into song or ad, lost in 1090 splat by 1135. Liaoning? (bp-WA Oct 2005)

+ To very good peaks with a long talk by a woman (drama?) 1146 – 1201 Oct 1 2005, assumed Liaoning Satellite but no way to prove it. (CH-WA)

1089 **JAPAN** JOHB Sendai fair at 1503 Oct 2 2005 with the chimes that NHK2 plays endlessly after their 1500 s/off. Pretty, but I wanted an empty channel as sunrise was taking things down fast. (CH-WA)

1098 **MARSHALL ISLANDS** Majuro, 1034 10/1 good w/island music. (bp-WA Oct 2005)

1125 **CHINA** unid 1315 10/2 Chinese talk dominant o/NHK. (bp-WA Oct 2005)

1152 **JAPAN** JORB and JOPC 1504 Oct 2 2005 fair with the chimes that NHK2 plays after their 1500 s/off. (CH-WA)

1161 **CHINA** multiple locations, CNR1 fair // 981 1340 Oct 1 2005 but mixing nicely with Chinese pop mx that I assume was from Taiwan. (CH-WA)

1161 **UNID** 1345 10/2, classical music quite good at times o/unid flute music. Was //1017 1402, so possibly HLLKU (MBC network). (bp-WA Oct 2005)

1170 **SOUTH KOREA** 1130 10/1 RKI Russian Service muxing w/KPUG/KLOK. (bp-WA Oct 2005)

1188 **SOUTH KOREA** Incheon fair-good with English religion 1158 Oct 2 2005. (CH-WA)

1206 **CHINA** Yanzian RGD, 1304 10/1, quite loud (30 db o/S9) w/music, noted at other times w/Korean talk quite good. (bp-WA Oct 2005)

1206 **CHINA** Yanji 1305 Oct 1 2005 totally excellent with Korean service. (CH-WA)

1215 **CHINA** CNR7 1256 10/1 fair-good w/man & woman in Chinese. (bp-WA Oct 2005)

1242 **VIETNAM** Thoi Long tentatively the station mixing with JOLF (who was xInt on peaks) 1430 Oct 2 2005. Nothing but a man and woman talking, so I'll have to have this listened to be a



- Vietnamese co-worker to be sure. This station is not common and I see only one presumed logging from Grayland. (CH-WA)
- 1260 **UNID** jammer with a bubble type noise, very intentional and repetitive. Nota clue who would do this other than the usual suspect North Korea, but who would they want to jam here? (CH-WA)
- 1305 **SOUTH KOREA** Uljin, HLSV, 10/2 1058 good w/talk show, call ID for HLCP (which HLSV relays), time pips 1100 into news by woman. (bp-WA Oct 2005)
- 1314 **CHINA** but not sure who, 1206 Oct 2 2005 – multiple stations with that lovely CNR1 echo heard on 981 et al. Mixing with a completely different program. (CH-WA)
- 1332 **CHINA** 1246 10/2, unid Chinese station running what sounded like a radio drama, mixing with JOSF. (bp-WA Oct 2005)
- 1458 **CHINA** Nei Menggu RGD 1421 10/1, probably the one w/what could pass for Mongolian talk & music, have heard it before so didn't try for ID or //. (bp-WA Oct 2005)
- 1467 **SOUTH KOREA** Mokpo doing fair at 1211 Oct 2 and easily paralleled to 711. I love networks! New and a surprise. (CH-WA)
- 1557 **TAIWAN** 1433 10/1, Family Radio poor-fair w/religion in American English. (bp-WA Oct 2005)
- 1566 **AUSTRALIA** Wangaretta 1332 10/1, fair w/oldies, quick ID between songs. (bp-WA Oct 2005)
- 1575 **JAPAN** 1119 10/1, apparently an AFN station, American EE with hip hop music. (bp-WA Oct 2005)
- 1575 **THAILAND** 1215 10/1 fair in American EE with VOA mention. Still audible w/woman in unid lang (Bangla listed) 1650 10/1 but faded before ToH. Much better at various checks 10/2, 100% readable at times during English programs. (bp-WA Oct 2005)
- 1593 **JAPAN** NHK2 stations 1319 Oct 1 2005 – tried for the local ID at this time but it just wasn't good enough. Funny that Japan was not great but Korea was above average. (CH-WA)
- 1602 **JAPAN** NHK2 stations here at fair level at 1219 Oct 2 2005 while I looked for the 1 kw Korean that did not show up. (CH-WA)

### Guerilla DXpedition to Cape Lookout, Oregon

October 6-7, 2005

John H. Bryant

300 foot Bobbed BOB antenna at 300 degrees, WiNRADiO 313E with DX Eng. RPA-1 Pre-Amp

An intended 6-day camping trip and DXpedition to beautiful Cape Lookout State Park about 150 km. south of the mouth of the Columbia River on the Pacific coast was reduced to two nights by rain and mediocre propagation. I had planned to use my 18' x 34' Porta-Loop configured as a Flag, a KAZ or a EWE in our campsite. This antenna system was abandoned due to excessive noise present in a tightly-packed campground with overhead wires and salt-encrusted power transformers. Happily, I spotted a sidewalk and beach trail at the end of a nearby "Day Use Only" area parking lot. The sidewalk/beach trail were both asphalt-surfaced and, together, ran arrow-straight toward the China coast, ending at the high tide line 300 feet away. The sidewalk/trail was lined with 6 foot high coastal Salal bushes that allowed me to put up a 300 foot mini- "Beverage Onna Bush" or a "Bobbed BOB." All that was necessary for a working system was to get up in the middle of each night, blacken my face and hands with charcoal from the campfire, drive very quietly out of the campground into the "Day Use Only" area and surreptitiously string out the Bobbed BOB. Guerilla DXing Lives On!

Judging from the reception of others in the region, DXing from their home QTHs, conditions were decidedly mediocre over the two days we had at Cape Lookout. For me, the first morning, October 6, seemed the better of the two, with reception of quite a number of interesting Chinese and Russian stations, along with the more regular Japanese and Korean broadcasters. The second morning was poorer, though similar to the first. Overall, the most interesting reception was the Russian transmitter on 648 which carries both Voice of Russia Korean Service programming and that of Voice of America. A second interesting catch was the probable Voice of Russian Chinese Service on 585, from Belogorsk along the Amur River.

- 153 **RUSSIA** R. Rossii Khabarovsk, Oct 07 1252 - Noted in fair/poor audio with programming // to slightly better 279. This listed as possibly inactive. (Bryant-OR)
- 189 **RUSSIA** Radio Rossii, Amurskaya, Oct 06 1212 - Noted here with R. Rossii programming of RR talk and traditional Russian folk music //270 //234. Poor to fair only on this channel. (Bryant-OR)
- 234 **RUSSIA** Radio Rossii Magadanskaya, Oct 06 1215 - This noted at moderate level // to the other LW Rossii channels. Pleased with this location in the Far Siberian Northeast. (Bryant-OR)
- 270 **UNID** Station, Oct 06 1210 - This noted with moderate strength in RR programming but clearly different from the three R. Rossii channels on LW. No reference I've got lists a likely station or location. The two Russians listed here are in highly unlikely locations. (Bryant-OR)
- 279 **RUSSIA** Radio Rossii Yuzhno-Sakhalinsk, Oct 06 1205 - Presume this location, though currently listed in PAL as 'Inactive since 2002.' Signal was by far the strongest of the LW Russians on this morning. //234, //189. Good to excellent at times. (Bryant-OR)
- 531 **JAPAN** JOQG NHK1 Morioka, Oct 06 1241 - Heard here at fair to good level with usual JJ talk //594 kHz. (Bryant-OR)
- 558 **JAPAN** JOCR Kobe, Oct 06 1224 - Noted here with JJ pops/commercial programming at poor level. (Bryant-OR)

- 567 **JAPAN** JOIK NHK1 Sapporo, Oct 06 1225 - Heard here at fair level with NHK-1 talk program //774. (Bryant-OR)
- 585 **RUSSIA** RV769 VOR Chinese Service Belogorsk (p), Oct 06 1344 - Presume this one in Russian-accented Standard Chinese talk, with long fades. Traditional Russian folk tune on balalaika for program end segway. With the seeming ease of hiring native Chinese speakers as announcers, one wonders why they would use someone with such a heavy RR accent that even an Okie can tell. Will be sending tentative report with a prayer, since the final fade came at 1359, naturally. (Bryant-OR)
- 594 **JAPAN** JOAK NHK1 Tokyo, Oct 6 1130 - Noted in passing at good levels throughout both mornings. Typical NHK-1 JJ talk programming. (Bryant-OR)
- 639 **CHINA** CNR1 Beijing + Others, Oct 06 1405 - Noted here in passing with news in standard CC //5030 kHz. at good level. Also heard well the second morning. (Bryant-OR)
- 648 **RUSSIA** RV445 VO Russia/VOA, Ussuriysk, Oct 06 1253 - First heard as VO Russia Korean Service with mixed KK and RR toward end of program at 1258, then program change over and Voice of America ID in EE prior to VOA KK programming. First time heard for me. Bruce Portzer's PAL reference was bang on! This was the pick of the DXpedition!. (Bryant-OR)
- 657 **DPR (NORTH) KOREA** Pyongyang BS, Yangnam, Oct 07 1305 - Presume this here with m+w in KK at fair level. A regular this season. (Bryant-OR)
- 666 **JAPAN** JOBK NHK1 Osaka, Oct 07 1308 - Noted at fair level with NHK-1 programming // to 594kHz. (Bryant-OR)
- 693 **JAPAN** JOAB NHK2 Tokyo, Oct 06 0341 - This less regularly received JJ Big Gun heard at good level on both mornings with NHK EE news at 1400. (Bryant-OR)
- 747 **JAPAN** JOIB NHK2 Sapporo, Oct 06 1310 - Heard here both AMs sometimes at good level. Parallel the other NHK-2s. (Bryant-OR)
- 774 **JAPAN** JOUB NHK2 Akita, Oct 6 1132 - Noted here at good levels throughout both mornings. Typical NHK-2 programs of news, weather and language lessons. (Bryant-OR)
- 828 **JAPAN** JOBB NHK2 Osaka, Oct 06 1227 - Noted here on both mornings of DXpedition // 774, etc. Strong at times. (Bryant-OR)
- 891 **CHINA** CNR1 Unknown/Unlisted, Oct 06 1410 - CNR-1 programming (traditional Chinese opera) clearly parallel to 5030 kHz. This station not listed in PAL or WRTH. Special program? Punch-up error? New station? Good level. Need to watch this frequency. (Bryant-OR)
- 918 **CHINA** CNR2 Multiple Locations, Oct 6 1140 - Noted here at occasionally good level on both mornings in standard CC with normal pips, etc. (Bryant-OR)
- 936 **CHINA** Anhui RGD (p) Hebei, Anhui, Oct 07 1252 - Presume this is the one that continues to dominate this channel for Patrick Martin and me. Seems to have shifted to a News format, at least in their prime time hours. Excellent at times on this second morning. (Bryant-OR)
- 963 **CHINA** CNR Russian Service Location Unknown, Oct 6 1142 - Here with Govorit Pekin RR programming at good to excellent levels both mornings. (Bryant-OR)
- 972 **REP. OF (SOUTH) KOREA** HLCA Dangjin, Oct 9 1143 - Heard here as usual throughout both mornings. Building to excellent level at times. (Bryant-OR)
- 981 **CHINA** CNR1 Multiple Locations, Oct 07 1407 - Heard here //639 and 5030 with a cat-strangling opera at good level. (Bryant-OR)
- 1017 **CHINA** CRI/CNR1 Changchun, Jilin, Oct 06 1430 - CRI KK Service with KK talk by two females. Good level. (Bryant-OR)
- 1053 **JAPAN** JOAR Nagoya, Oct 06 1412 - Heard in the clear with S. Korean jammer gone or faded out. JJ talk at fair level. Heard also on second morning. (Bryant-OR)
- 1053 **REP. OF (SOUTH) KOREA** Jammer, Oct 6 1150 - Heard throughout both AMs, usually with JOAR, Nagoya underneath. (Bryant-OR)
- 1089 **CHINA** Liaoning Satellite Radio, Shenyang (p), Oct 07 1410 - Presumed this one with man in Standard CC at fair level... seemed to hear Satellite segway in the background. (Bryant-OR)
- 1134 **JAPAN** JOQR Tokyo, Oct 6 1413 - Heard at good level both mornings with JJ pop music program. (Bryant-OR)
- 1170 **UNID**, Oct 06 1420 - Unknown language mixing o/u KPUG, Bellingham, WA. Not JJ or Standard Chinese. Would guess VOA Poro, but they are scheduled in EE at this hour. This bears watching. (Bryant-OR)
- 1197 **JAPAN** JOWL (p) Ashikawa, Oct 6 1146 - This is the usual dominant on this frequency. Heard here at fair level with JJ pops and commercials both AMs. Unable to hear parent station JOWF, Sapporo on 1440 kHz., so only presumed. (Bryant-OR)
- 1206 **CHINA** CNR Korean Service Yanji, Jilin, Oct 06 1232 - Here both mornings with KK talk programming at fair to good level. (Bryant-OR)
- 1215 **UNID** Multiple UNID Signals, Oct 6 1200 - Noted three separate signals (1214.930, 1215.000, 1215.070) both AMs of DXpedition. Never heard more than threshold audio out of the lowest and the middle signals. Have no idea as to the ID of any, though have heard both Korean and Chinese stations here previously. (Bryant-OR)
- 1287 **JAPAN** JOHR Sapporo, Oct 6 1155 - Noted here at only fair levels both mornings with usual mixture of informal pops programming. (Bryant-OR)
- 1323 **CHINA** CRI Russian Service, Jilin, Oct 07 1355 - Excellent level with a mention ID as 'Govorit Pekin' at 1355. (Bryant-OR)
- 1377 **CHINA** CNR 1 Zhengzhou, Henan, Oct 06 1236 - Heard here at good level // 5030 kHz. on 10/6 only. (Bryant-OR)

- 1386 **JAPAN** NHK2 Synchros, Oct 07 1413 - Noted here in passing at good level with NHK 1400 EE news. (Bryant-OR)  
 1503 **JAPAN** JOUK NHK1 Akita, Oct 07 1435 - Presume this one showing well late // to a mostly faded 594 kHz. (Bryant-OR)  
 1566 **REP. OF (SOUTH) KOREA** HLAZ Cheju Island, Oct 6 1150 - Noted here at fair to Excellent levels throughout both AMs of the DXpedition. (Bryant-OR)  
 1575 **THAILAND** VOA, Ayutthaya, Oct 06 1154 - Noted here at good level throughout most of both mornings. (Bryant-OR)  
 1593 **JAPAN** NHK2 Synchros, Oct 07 1414 - Noted here in passing at fair level with NHK 1400 EE news. (Bryant-OR)

Here's the DXpedition report from a couple of weekends to the Coorong in August at [http://www.dxing.info/dxpeditions/coorong\\_2005\\_08.dx](http://www.dxing.info/dxpeditions/coorong_2005_08.dx).

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## DX WORLDWIDE - EAST

**Brandon Jordan – 4920 Park Ave. – Memphis, TN 38117**

E-mail: [bjordan@bcdx.org](mailto:bjordan@bcdx.org) all times UTC

Welcome to DXWW-E. Thank you to David and Mark for submitting this weeks loggings.

### \*\*\* TRANS-ATLANTIC DX \*\*\*

- 531 **SPAIN** RNE R.5 synchros, OCT 2 0128 - // 558 et al. with reggae song; slightly over others. [Connelly\*B-MA]  
 549 **ALGERIA** Alger Chaîne 1, Les Trembles, OCT 2 2354 - Arabic group vocal, strings, flutes; low audio level on big carrier. [Connelly\*B-MA]  
 558 **SPAIN** RNE R.5 synchros, OCT 2 0126 - // 639, 774 with dramatic Spanish talk by man; fair. [Connelly\*B-MA]  
 567 **IRELAND** RTE R.1, Tullamore, OCT 2 0125 - "Like a Rolling Stone" by Bob Dylan; good. [Connelly\*B-MA]  
 576 **CANARY ISLANDS // SPAIN** RNE R.5 synchros, OCT 2 0128 - // 558 et al. with reggae song; poor. [Connelly\*B-MA]  
 603 **FRANCE** France Info, Lyon-Tramoyes, OCT 2 0123 - // 711, 792, 837 with folk-style French vocal; poor. [Connelly\*B-MA]  
 621 **CANARY ISLANDS // SPAIN** RNE R.1 synchros, Santa Cruz de Tenerife et al., OCT 2 0129 - // 558 et al. with reggae song; fair. [Connelly\*B-MA]  
 639 **SPAIN** RNE R.1, La Coruna et al., OCT 2 0124 - interspersed music and a man in Spanish; fair during fades of adjacent CBN-640.  
 + OCT 4 0333 - pop music, man in Spanish; stronger than CBN-640. [Connelly\*B-MA]  
 711 **FRANCE** France Info, Rennes, OCT 2 0123 - // 603, 792, 837 with French male folk vocal; fair. [Connelly\*B-MA]  
 729 **SPAIN** RNE synchros, OCT 2 0129 - // 558 et al. with reggae song; poor to fair in CKAC slop. [Connelly\*B-MA]  
 747 **NETHERLANDS** R. 747 AM / R.1, Flevoland, OCT 4 0331 - female folk vocal; over apparent Spanish talker. [Connelly\*B-MA]  
 765 **SWITZERLAND** RSR Option Musique, Sottens, OCT 2 0131 - country-influenced French female vocal; to good peak.  
 + OCT 2 2341 - French male folk vocal; good.  
 + OCT 3 0153 - "Arthur's Theme" by Christopher Cross; good to excellent. [Connelly\*B-MA]  
 774 **EGYPT** Middle East R., Tanta, OCT 2 0126 - Arabic music under Spain.  
 + OCT 3 0152 - female Arabic vocal, strings; huge, way over France. [Connelly\*B-MA]  
 774 **SPAIN** RNE R.1 synchros, OCT 2 0126 - // 558, 639 with dramatic talk by man in Spanish; good, over Egypt. [Connelly\*B-MA]  
 792 **FRANCE** France Info, Limoges, OCT 2 0123 - // 603, 711, 837 with French folk music; to good peak.  
 + OCT 2 2343 - man in French; fair.  
 + OCT 3 0151 - talk; very good. [Connelly\*B-MA]  
 819 **EGYPT** ERTU, Batra, OCT 2 2339 - woman in Arabic; over the Moroccan and a low-pitched growl.  
 + OCT 3 0149 - male Koranic vocal in a large hall with audience sounds; super loud. [Connelly\*B-MA]  
 837 **FRANCE** France Info, Nancy, OCT 2 0123 - // 603, 711, 792 with French male folk vocal; good. [Connelly\*B-MA]  
 864 **EGYPT** Holy Koran Pgm., Santah, OCT 3 0002 - slightly-reverberated male Arabic Koranic a cappella vocal; good, over France. [Connelly\*B-MA]  
 864 **FRANCE** France Bleu, Villebon-sur-Yvette, OCT 2 0119 - newer version of the '50s R&B hit "I Put a Spell on You"; good.  
 + OCT 2 0508 - "I Can See Clearly Now" by Johnny Nash; good.

- + OCT 3 0148 - "Wicked Game" by Chris Isaak; excellent. [Connelly\*B-MA]  
 873 **SPAIN** SER synchros, OCT 2 0219 - // 1116 with fast Spanish talk by man & woman.  
 + OCT 2 2337 - Spanish discussion, teletalk; over WLPV slop. [Connelly\*B-MA]  
 882 **UNITED KINGDOM** BBC R. Wales, Washford, OCT 2 0118 - panel discussion program; to fair peak over Canaries-Spain.  
 + OCT 2 2335 - Saw Doctors or similar Celtic rock, then man in English; over WCBS slop. [Connelly\*B-MA]  
 890.95 **ALGERIA** Chaîne 1, Algiers, OCT 2 0500 - Arabic news by man; loud.  
 + OCT 3 0004 - news; excellent.  
 + OCT 3 2348 - huge with Arabic male vocal & drumming. [Connelly\*B-MA]  
 909 **unID** OCT 3 0007 - possibly Morocco with shrill Arabic-sounding female vocal; under UK. [Connelly\*B-MA]  
 909 **UNITED KINGDOM** BBC R.5 Live synchros, OCT 2 0115 - sports talk about the importance of the kicker; strong.  
 + OCT 3 0145 - talk about US football; excellent. [Connelly\*B-MA]  
 945 **FRANCE** France Info, Toulouse, OCT 2 0231 - // 1206 with fast French talk by woman; to good peak.  
 + OCT 2 2329 - old fashioned music like on a merry-go-round ride; good. [Connelly\*B-MA]  
 981 **ALGERIA** RTVA Chaîne 2, Algiers, OCT 2 2327 - Arabic talk by man; getting by WCAP pest. [Connelly\*B-MA]  
 999 **MOROCCO (t)** RTM A, Tanger, OCT 3 0011 - Koranic chant; over Spain. [Connelly\*B-MA]  
 999 **SPAIN** COPE, Madrid, OCT 2 0229 - // 1296 with woman in Spanish; fair.  
 + OCT 3 2332 - banjo music, then woman said "en COPE"; loud, much stronger than WMVP-1000. [Connelly\*B-MA]  
 1017 **SPAIN** RNE R.5 synchros, OCT 2 2325 - fast Spanish talk, crowd noises, slight synchro echo; fair. [Connelly\*B-MA]  
 1044 **SPAIN** SER synchros, OCT 2 0113 - loud with woman in Spanish. [Connelly\*B-MA]  
 1053 **UNITED KINGDOM** TalkSport synchros, OCT 2 0113 - // 1089 with talk about the Royal Family; to fair peak over others.  
 + OCT 2 2324 - telephone sportstalk, adverts; through WEPN slop.  
 + OCT 3 0138 - talk about golf, bit of electronic music, then announcer to caller "Good morning, this is TalkSport"; very good. [Connelly\*B-MA]  
 1089 **UNITED KINGDOM** TalkSport synchros, OCT 2 0112 - US-accented man talking about the Royal Family; good. [Connelly\*B-MA]  
 + OCT 4 0400. Poor and tentative with man or men talking. Rough copy through WBAL slop. New. [Hochfelder-NJ]  
 1098 **SPAIN** RNE R.5 synchros, OCT 2 0222 - // 1107 with woman in Spanish, then light music. [Connelly\*B-MA]  
 1107 **SPAIN** RNE R.5 synchros, OCT 2 0222 - // 1098 with Spanish talk, music segments. [Connelly\*B-MA]  
 1116 **SPAIN** SER synchros, OCT 2 0219 - // 873 with fast Spanish talk. [Connelly\*B-MA]  
 1134 **CROATIA** Glas Hrvatske, Zadar, OCT 2 2320 - Hrvatske mention, then teletalk; loud. [Connelly\*B-MA]  
 1143 **SPAIN** COPE synchros, OCT 3 0012 - fast Spanish talk; over others, including possible Arabic station. [Connelly\*B-MA]  
 1169 **IRAN** IRIB Sarasary, Semnan, OCT 3 2310 - pop style Middle Eastern music; huge carrier (stronger than WWVA), mushy audio. [Connelly\*B-MA]  
 1179 **CANARY ISLANDS // SPAIN** SER synchros, OCT 2 0452 - // 1116 with fast Spanish talk and laughter; through WHAM slop. [Connelly\*B-MA]  
 1179 **SWEDEN** R. Sweden International, Solvesborg, OCT 3 2330 - British-accented English talk by woman; poor to fair over SER. [Connelly\*B-MA]  
 1197 **UNITED KINGDOM** Virgin R. synchros, OCT 4 0324 - // 1215 with "Sweet Child O' Mine" by Guns N' Roses; fair, over Spain. [Connelly\*B-MA]  
 1206 **FRANCE** France Info, Bordeaux, OCT 2 0211 - Henry Mancini's "Baby Elephant Walk"; huge signal.  
 + OCT 3 2313 - '40s Cuban-style jazz; strong, equal to WKOX-1200 (60 dBu: 1 mV/m per V-soft). [Connelly\*B-MA]  
 1215 **UNITED KINGDOM** Virgin R. synchros, OCT 2 0107 - "Could You Be Loved" by Bob Marley; good.  
 + OCT 2 0216 - "Rhiannon" by Fleetwood Mac; good.  
 + OCT 4 0324 - "Sweet Child O' Mine" by Guns N' Roses; LOCAL-LIKE. [Connelly\*B-MA]  
 1287 **SPAIN** SER synchros, OCT 2 0429 - // 1116 with Spanish teletalk; jumbled with other stations. [Connelly\*B-MA]  
 1296 **SPAIN** COPE, Valencia, OCT 2 0229 - // 999 with woman in Spanish; fair. [Connelly\*B-MA]  
 1314 **NORWAY** NRK, Kvitsøy, OCT 3 0020 - cowboy campfire type music, then woman & man in Norwegian, followed by "Mercedes Benz" by Janis Joplin; good. [Connelly\*B-MA]  
 1359 **SPAIN** RNE, Arganda del Rey, OCT 2 0446 - // 1107 with woman speaking in a large empty room; good. [Connelly\*B-MA]  
 1377 **FRANCE** France Info, Lille, OCT 2 0212 - // 1206 with "Baby Elephant Walk" instrumental, then woman in French; good. [Connelly\*B-MA]  
 + OCT 4 0400. Fair but audible with what sounded like news in French. New. [Hochfelder-NJ]

- 1395 **unID** OCT 2 0443 - perhaps Albania here with Slavic-sounding talk; poor. [Connelly\*B-MA]  
 1413 **SPAIN** RNE R.5 sychros, OCT 2 0441 - echoey Spanish talk by woman. [Connelly\*B-MA]  
 1422 **GERMANY** Deutschlandfunk, Heusweiler, OCT 3 0022 - man in German; to fair peak. [Connelly\*B-MA]  
 1458 **UNITED KINGDOM** Sunrise Radio, Brookmans Park, OCT 3 2317 - dominant with Indian music. [Connelly\*B-MA]  
 1503 **SPAIN** RNE R.5 sychros, OCT 3 2321 - // 774 with early '50s style crooning; to good peak. [Connelly\*B-MA]  
 1521 **SAUDI ARABIA** BSKSA, Duba, OCT 2 2302 - Arabic news item about Musharraf; excellent, much stronger than 1520. Audio off at 2303 then carrier off at 2305.  
 + OCT 3 2322 - Arabic talk, on late for Ramadan. Signal 15 dB stronger than WWKB-1520. [Connelly\*B-MA]  
 1548 **KUWAIT** R. Sawa, Kabd - Kuwait City, OCT 3 2322 - woman in Arabic, Sawa ID; excellent. [Connelly\*B-MA]  
 1548 **UNITED KINGDOM** unID city, OCT 2 2310 - Eric Clapton song, British announcer, then "Streets of London" by Ralph McTell; dominant. [Connelly\*B-MA]  
 1557 **FRANCE** France Info, Fontbonne, OCT 2 0433 - discussion program with man & woman in French; good. [Connelly\*B-MA]  
 1575 **UNITED ARAB EMIRATES** R. Farda, OCT 4 2252 - high-energy Middle Eastern dance music, female talk; to good peak. [Connelly\*B-MA]  
 1584 **SPAIN** SER sychros, OCT 2 0430 - // 1116 with echoey teletalk; mixed with Ceuta. [Connelly\*B-MA]  
 1593 **unID** OCT 4 0310 - probably Egypt here with bits of Koranic vocal; poor. [Connelly\*B-MA]  
 1602 **SPAIN** R. Vitoria, Vitoria, OCT 4 0311 - jingle, Spanish talk; over SER. [Connelly\*B-MA]

\*\*\* PAN-AMERICAN \*\*\*

- 1620 **US VIRGIN ISLANDS** WDHP, Fredriksted, St. Croix, OCT 2 0201 - BBC news about explosions in Bali; over local Haitian-Creole pirate.  
 + OCT 3 0119 - Jim Reeves song and other old country music; over pirate. [Connelly\*B-MA]

\*\*\* CONTRIBUTORS \*\*\*

**Mark Connolly** MarkWA1ION@aol.com

[Connelly\*B-MA] = Billerica, MA, USA (GC= 42.533 N / 71.221 W) (home)  
 Receiver: Drake R8A, Drake SW8. Antenna: dual-feedline Flag: 5 m x 10.6 m, to DX Engineering RPA-1 amplifier

**David Hochfelder** david.hochfelder@rutgers.edu

[Hochfelder-NJ] = Highland Park, NJ. Receiver: Drake R8B. Antenna: Quantum QX-Pro loop.

That's all for this issue. 73, Brandon.

**DX FORUM**

**Richard C. Evans – 7416 Hearthstone Wy – Indianapolis IN 46227-7923**

E-mail: REvans5435@aol.com DEADLINES: Sundays

Deadlines: Sundays, except 10/30

**Martin Foltz**, 25102 Pradera Drive, Mission Viejo, California 92691 martinfoltz@cox.net

I just renewed for my third straight year. Welcome to all the new members, report often. I've spent some time hunting down noise sources and I think I have found most of them. At least the radio is quiet enough to listen to. What I found was a bad street light down the street, an RFI dimmer that wasn't that good and a noisy air purifier. There is still a slight buzz in the radio that I need to isolate. I also spent an hour or so with the tuning gears on the HQ-180A. There is a spot that doesn't tune smoothly. I cleaned and lubed the gears but the spot is still there. Overall the tuning is smoother. DX conditions have been good when I have had time to listen. Three new stations were heard since the beginning of September with reports out to two of them. Arizona graveyards KJOK-1400 and KZZZ-1490 have been heard in the 5:30-7:00 PM time period just before dark. QSLs have been slow so far but I have several that I expect to get soon. 73's Martin.

**Richard Evans**, 7416 Hearthstone Way, Indianapolis, Indiana 46227-7923

Speaking of noise sources, I can remember when Roger Winsor was having problems with the Christmas tree in the house next door. And, also, I remember when I had the basement apartment on the south side of Gary. My landlady was Greek and she would fall asleep during the evening news. Her TV set was right above where I had to have my radio. I have been trying all week to see if I can catch that station I missed the s/off ID on 1540 last Sunday. No luck with that but seven other new catches from six states were made in the process. One big surprise was WLBK-1360 in De Kalb, Ill with frequent mentions of Miami University. I guess Northern Illinois University in De Kalb was getting ready to play Miami University, which is located not too far north of Cincinnati which was the station I thought I was hearing to begin with. Also heard was KQV-1410 in Pittsburgh, a surprise when I found out that I hadn't heard it since my old Gary logs ending back in 1978. 73.

**IRCA TECHNICAL COLUMN**

**Nick Hall-Patch – 1538 Amphion St – Victoria, BC, Canada V8R 4Z6**

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**The RCA RP5012 digital voice recorder**

by Bob Foxworth

On my Utah travels in May I discovered WalMart selling digital voice recorders under the RCA label, priced around \$40 (The WalMart SKU (UPC) is 004431910374). I wound up buying two of them, to record station IDs from my newly discovered "locals". I'll describe them here in case this is of interest to other DXers. This device is also listed as being made by Thomson, Inc. WalMart sells a similar device, the RP-5013A for a similar price and similar functionality, except that the LCD screen was redesigned to support larger digital characters and a resulting overlap of readout functions. The 5013 is, in my opinion, harder to operate since, for instance, the cut number is replaced by the running-time clock. My remarks thus concern just the 5012 device, which I would choose using since all functions remain visible in use. I believe there is a 5014 which I have never seen yet.

This is a "digital voice recorder with built-in flash memory" and the RP5012 unit is one up from the lowest capability model. It measures approx. 3/4 x 1.5 x 4 inches (19 x 40 x 98 mm) and runs from 2 size AAA batteries. It holds up to 200 files in from 1 to 4 folders. Each file, or track (of arbitrary length) is date/time stamped to the nearest minute, and its length is stored to the nearest second. Recording always places the new cut, or track, at the end of all existing cuts, even if you had just been listening to an earlier cut.

Buttons provided are Erase, Menu, (playback) Volume Up and Volume Down, on the front, and Stop, Play, Record, Forward (skip forward to following cuts) and Reverse (skip back a file at a time), on the unit's side. Both the "play" and "record" buttons operate as "pause" when toggled (push to pause, push to start) and the elapsed-time clock reflects that. Playback volume up and down is set in small steps by either of two buttons, as there are no rotary controls.

The built in mic is bypassed by using the mic jack (1/8 in mini mono plug, 0.13 in dia, 0.56 in long); a similar size headphone jack is provided. A built in speaker of about 1 inch is present, and a LCD window of 7/8 inch square (23 mm) shows the folder number, file number in use/total files number (such as 5/23), time of day, battery state, lock on/off, dictation/autovoice state, recording-on status dot, fidelity mode (SP|HQ), AVR (automatic voice recording) state (on/off), and hh:mm:ss display of where you are in a track, or the remaining available time, if the track is not playing. Time-of-day is stored (12 or 24h clock) of the time each file is opened for recording, as well as the file length in hh:mm. An external lapel mic is provided, and a barrel jack is present for external 3 VDC input if needed.

The SP (Standard Play)mode holds about 6 hours of sound and the HQ (High Quality)mode holds about 2 hours. I, as well as others such as Tim Hall, find that only the HQ mode was useful for recording any off-air audio. The manual makes no mention of the sample rate for any mode. I would frankly forget about using any but the highest quality mode.

I am using the recorder with a Radio-Shack "Y" cable. This has one plug that goes to the receiver headset jack, and two in-line jacks. I can feed a headset from one branch for real-time listening, and a short 1/8 plug male-male extender from the other branch to drive the recorder input jack. The only noticeable issue for me so far has been a very slight effect due to the digital sampling of the audio, especially when noise or hets are present. This shows up as a subtle modification in the sound quality which becomes slightly "metallic", but there is no shifting of audio frequencies. This might be called by some a "flanging" effect, but it does not vary with time. It is actually quite innocuous, to me. I would record using the widest audio bandwidth the receiver will supply.

There is no recording level indication or control, so recording from a receiver line jack has to be set by trial-and-error. However, using the "Y" cable, I can get clean recordings from the receiver headphone line jack when the receiver audio gain is set to a level giving good headphone volume. The signal/noise ratio seems decently good but I made no effort to try and measure it. Certainly better than 40 dB, I'd guess.

One of the big drawbacks to using this type of recorder is the inability to "rewind" a few seconds into a long previously recorded track, as replaying any track always resets it to the beginning. There is a menu "cut" mode to slice out parts of an existing track, and individual tracks (or all of them, at once) can be deleted. I can see the benefit of this kind of device for recording audio for transfer to a more editable medium for permanent archiving. There is also no mode to change playback speed, such as a jog-shuttle would do. My Radio Shack Micro-43 recorder, using MC-60 cassettes, has a mode allowing "fast play" playback at about 1.3 (perhaps) normal speed, which helps when going through lengthy things such as classroom lectures in school. But I think the idea of on-line editing of tracks on this device would be unneeded if it is treated as a first-stage collection device, and the editing done as post-production on another platform after dubbing.



Battery life seems good and using alkalines makes it possible to fill the memory and replay a couple of times with ample life left.

Finally, one big advantage over cassette devices is the ability to record an entire two hours at once, which can be useful for archiving entire programs. Say you want to (time-shift) hear a 9am - 11am radio show while you are at work. Just start it at 9 and collect it at 11. Or, catch George Noory as you sleep.

Sony of course makes a competing device, which I haven't done a comparison with yet.

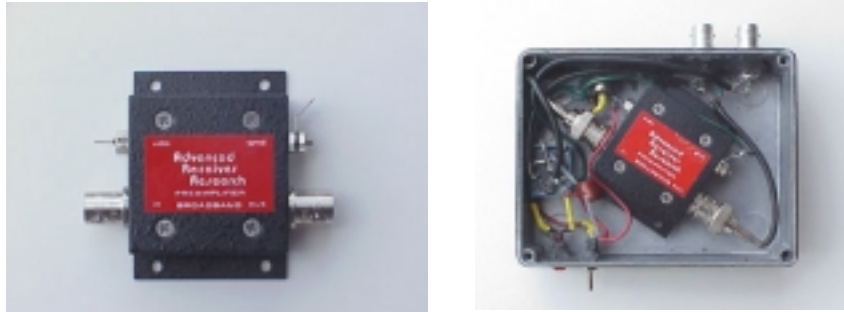
### Pre-Amp Peregrinations

Adventures with RF Pre-Amps by *Advanced Receiver Research* and *DX Engineering*  
by John H. Bryant and Mark Connelly, WA1ION, July 2005

### John's Experience

For many years, I have been ambivalent about using RF preamplifiers in my receiving chain.... I have felt that, most of the time, they only amplify both the noise and the signal equally, accomplishing nothing but generating more movement on my S-meter. However, in recent years, my ideas have been changing. I was first introduced to modern pre-amps by Don Nelson, when he used the highly regarded preamps from Advanced Receiver Research (AR2) to more than overcome the inherent losses in our 8-way antenna splitters at the Grayland DXpedition site.

When I began experimenting with relatively small-sized flags and pennant antennas, I found that having some pre-amplification often resulted in a better signal, with more recovered audio. Naturally, I adopted the AR2 unit <http://www.advancedreceiver.com/page5.html>. (Special Frequency Range, \$79.95 USD) Truth be told, I found it cumbersome to insert the AR2 unit in my receiving outfit.... For DC power, this pre-amp required hardwiring rather than the normal coaxial power plug. Further, and more importantly, the AR2 preamp had neither a power switch nor a bypass relay.... It was either in



the circuit or it was out... taking a major operation of lead-in switching just to add or subtract it from incoming signals.

*I decided that what I really wanted was a pre-amp of the quality of the AR2 unit that could stay in the receiver chain all the time, but which I could invoke or remove from the actual receiving circuit with the flip of a switch. Truth be known, I would rather DX without a pre-amp, but when the signal is in the mud or fading away at local dawn, I wanted to be able to flip a switch and "kick it in the butt" with 10-20 dB of preamplification. If that kick helped, I'd leave it in the line; if not, it would come right back out. I finally went so far as to put one of the AR2 amps in a larger cast aluminum box along with a bypass relay, LED power indicator, power switch and coaxial power plug. That amounted to about \$30.00 of additional parts and around 6 to 8 hours of bench time, but it worked like a charm!!! I was quickly addicted and found the AR2 pre-amp more useful than I expected. I even found that it would improve signal to noise ratios on my beverage antennas, but only at band fade.*

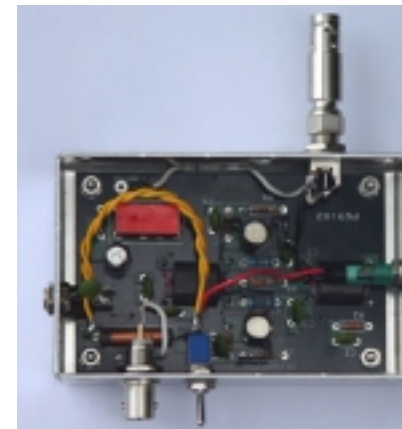
As luck would have it, when I returned to my favorite DXpedition haunts in the Northwest this spring, I was horrified to find that the AR2 pre-amp was deadlier than the proverbial doornail. I'm not quite sure what happened, but I doubt that it was the fault of the AR2 unit; the ones at Grayland have been performing like Trojans for years, with nary a single failure. Unfortunately, my long-time spare AR2 preamp is sitting on my work bench at our other home in Oklahoma, 2250 miles to our southeast!

Recently, I noticed that Mark Connelly, well-known designer of homebrew phasers and pre-amps, had favorably mentioned a new commercial unit in several venues: the RPA-1 by DX Engineering. If Mark liked it, I thought that I would give it a look on the web: <http://www.dxengineering.com/Parts.asp?ID=210&PLID=107&SecID=32&DeptID=12&PartNo=DXE-RPA-1>

I was very impressed! The description of the amp started out:

This is the best HF low-noise amplifier available. The RPA-1 is optimized for 0.3-35 MHz operating range. Its push-pull amplifier design and robust components enable it to with stand high signal levels and operate when you need it most.

Wow! Making that kind of statement in the small community of radio enthusiasts means one of two



things. Either a) the company is totally unscrupulous or b) the gear is really great!

As I read further, I continued to be impressed. Beside the push-pull design and an internal by-pass relay, the amp came with an extensive manual that also outlined several easy modifications which would allow the user to *reduce* the gain in stages, if necessary for a particular application. Unfortunately, since the RPA-1 is designed for mounting either at the operator's position or at the feed point of the antenna, the unit did not come with either a power switch or an LED power indicator. Also, since the unit was apparently intended for those radio amateurs who use 75 ohm feed line, the antenna input and output ports were F-type connectors, supplemented by paralleled RCA jacks (!!!) Like all communications receivers and most listener-DXers, long ago, I committed to 50 ohm feed line and, in my case, BNC-connectors.

Happily, I knew that the hole-sizes required for chassis-mount F and BNC connectors were identical. So too, the hole sizes for the supplied RCA jacks, my mini-toggle switches and many LED holders. So, it looked like I could easily modify the RPA-1 to fit my exact needs. Despite the price of just over \$100 USD, I decided to order two of the RPA-1s. I could modify one and then A/B test the two of them to try to make sure that my modifications hadn't degraded the performance noticeably.

Unfortunately, I learned as I began the modifications that the two heat sinks on the large push-pull transistors and the length of the LED power indicator housing that I had on hand conflicted with each other, so I could not use either of the existing 1/4" holes for the LED. One of the quarter-inch RCA-jack holes was used, as planned, for the mini-toggle switch, and I drilled a new hole in the end of the aluminum housing for the LED power indicator.

The electrical modifications were minor and very easy, though I had to be cautious when waving a hot soldering iron around in such tight quarters. The only real electrical change was remove the lead of the copper-colored RF choke from the incoming +12 VDC on the back side of the power jack; the SPST mini-toggle switch was inserted in the circuit at that point (the twisted pair of yellow wires.) When the switch is open, no power flows to the amp and the relay passes the signal through, unamplified; with the switch closed, the circuit is energized. The LED that I used was a Radio Shack unit that comes with an integral resistor to control the current properly for use in 12 volt circuits. It was connected between the switched terminal of the new power switch and chassis ground.

The two accompanying photos of the RPA-1 are actually of my second unit, partly modified, after I had completed the A/B testing of one modified vs. one unmodified RPA-1 (a rounding success.) The Antenna Input port (upper side in both photos) is the factory-supplied F-connector with a Type-F to BNC Adapter attached. On the lower side of both photos, you will note the new BNC connector. Possibly you can see the new power switch and its bright yellow wiring and the green LED (red and black wires.) The red rectangle is the bypass relay and the two bright circles on the right are the push-pull amplifier transistors. You may just be able to discern the black heat sinks on these two transistors, as well.

### In Use

The only receiver that I have available to me right now is the WiNRADIO 303EP "black box" receiver. It has both an excellent S-meter marked in dBm and an active Spectrum Scope which can be read in dB. Those two instruments clearly indicate that the RPA-1, both modified and stock, provides at least the 16 dB boost stated in the manufacturer's specs. I don't have the sophisticated instruments needed to test for the noise added to a circuit by pre-amps. However, I have listened carefully to both strong and weak, threshold-level signals while flipping the RPA-1 in and out of the circuit. I can't hear any added noise.

The two illustrations here (next page – ed) are parts of screen shots of the WiNRADiO 303EP while tuned to Radio Madang in Papua New Guinea one recent dawn. The horizontal blue lines and the



words "Before" and "After" were added by me later. The noise level in the unamplified (BEFORE) example is -67 dB, and it rises to about -51 dB with the amplifier turned on, a 16 dB improvement. The same flip of the switch raised the signal strength from -47 dB to -17 dB. I rush to add that some of the increase in the noise figure was due to a momentary surge in propagation conditions. The improvement in the amount of signal cresting above the noise can also, partly, be attributed to that source. However, I have yet to tune a weak signal on this antenna system that has not shown a very noticeable improvement in the quality and intelligibility the audio. This is true as I tune either MW or the Tropical Bands.

I look forward to testing the RPA-1 coupled to my 65' x 16' portable KAZ during a future DXpedition to Grayland. I doubt that the arrangement will outperform our much-vaunted Beverages, but it might get close. In the meantime, I'm darn sure glad that I bought two of these beauties!

**Mark's Experience**

Since I often use my RPA-1 at a position closer to the antenna (away from the operating bench), I made a very simple modification that lets me send 12 VDC up the coaxial line when I want the amplifier on, and no DC up the line when I want bypass. DC is fed onto the coaxial line at the other end: the cable's connection at the DXP-6 phasing unit ("<http://chowdanet.com/markc/WEB2005A/DXP-6.ZIP>").

I took a 1.5 mH inductor and wired it from the "RCVR OUTPUT" F connector to the DC power input connector. The inductor used was Bourns SDR1005-152J, Mouser stock number 652-SDR1005-152J. It's a small surface mount piece resembling a miniature hockey puck. I used short pieces of insulated wire to connect the inductor (choke) between the normal DC-in jack and the "RCVR OUTPUT" F jack. I cut the direct connection between the "RCVR OUTPUT" F jack and the otherwise redundant adjacent RCA jack. I put a 0.1 uF capacitor from the F to RCA jack so that the RCA "RCVR OUTPUT" jack can be a pure RF connection not carrying DC. This would be used when power is being applied at the normal DC jack of the RPA-1.

The inductor allows DC on the cable to power the amplifier even when it is being fed from an operating position possibly hundreds of feet away. I usually use the amplifier with my rooftop antennas on beach DXpeditions or with my Flag antenna at home.

I just use BNC to F adaptors at both the ANTENNA INPUT and RCVR OUTPUT jacks. If I power the RPA-1 at its own DC input jack, rather than up the coax, I use a BNC to RCA jack for connecting to the (RCA) RCVR OUTPUT jack that is now capacitively coupled to the (F) RCVR OUTPUT jack.

*Chris Black (N1CP) also has an RPA-1 that he keeps near his receiver. I suggested that he go to the hardware store and get one of those inline switches typically used on lamp cords. This switch is now on the cord going from the wall wart to his RPA-1 DC input. No alteration of his RPA-1 was required for the way he uses it in his shack.*

I should also note, although the low end stated for the RPA-1 is given as 300 kHz, it can still provide usable gain lower in frequency. With the Flag antenna at Chris Black's QTH in S. Yarmouth, I got about 8 dB of gain at 150 kHz, 10 or 11 dB at 200 kHz, and better than 12 dB at 250 kHz. Usage, therefore, is still possible for the typical frequency range of long wave broadcasters and non-directional beacons.

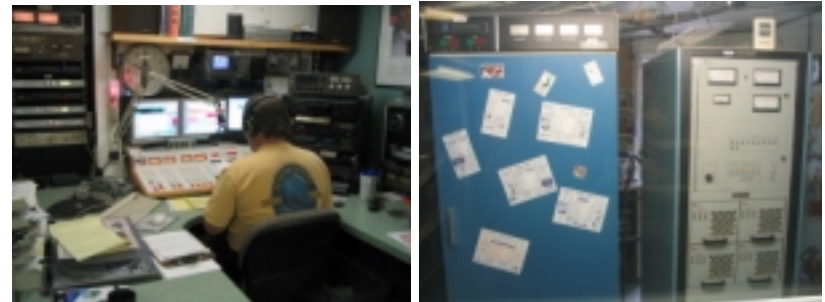
**Caution**

Internal modifications to the RPA-1 like those noted in the first section of the article will likely void whatever warranty that DX Engineering offers with their fine equipment. If you plan to modify an RPA-1, it would likely be very prudent to run the amp under power for 12 or 24 hours first. Most early failures in solid state gear occur in those first few hours. Should one of those rare early failures occur, having the RPA-1 fail before modifying it will let you return the unit to DX Engineering for warranty work.



**A Visit to Radio Station KVLV - Doug Pifer**

This February, I had the pleasure to visit radio station KVLV in Fallon, Nevada. "VLV" stands for the "Voice of the Lahontan Valley". This is a small town radio station which is privately owned. As you can see by the photos, the building is also small, but sufficient to fill the required needs. Upon entering, I found no one at the front desk or elsewhere that I could see. Further inspection revealed a lighted "On the Air" sign in front of a closed door. The broadcast was heard at a very low level through a speaker in the ceiling. Further listening revealed that it was a call in program by the name of "The Trading Post". Folks phone in with their items to sell or what they're looking for, plus lost and found items etc. Later I was told that this is the longest running program in the region, originating in May 1957. A variety of country music fills the bill, the rest of the time. Finally, Mr. Bill Oar drove up, came inside and introduced himself to me as well as Mr. Lynn Pearce who was at the controls. Lynn is the Chief Operator and according to Bill, Lynn spends the most time at the helm...and from what I could tell, I think he enjoys it a lot. Both are very proud of their station. Bill showed me all the rooms and explained what each was used for. The control room appeared to have very modern equipment and as Bill explained, they had also just installed new equipment in the production room. Behind a large window was the 5kw (daytime only) transmitter. Behind that, stood it's new replacement. We took a few steps out the back door to view the single, non-directional tower, which is behind the house of the previous owner. Possibly the original owner, if I remember right. It's quite a sight since it appears like it's in the middle of a neighborhood. In wrapping up the visit, I thanked both guys for the friendly reception and tour. During the rounds, I told them about the AM DXing hobby and the IRCA, plus the fact that I had heard them from Albany several times. KVLV broadcast's a lot of advertising for the local merchants and really is the voice of the community of Fallon. Daytime reception in the area is good through-out the region and they fill an important niche that the area needs, particularly the ranching community. KVLV fits in perfectly for a small town, privately owned radio station. Lynn Pearce is the guy in the photos.



## GEOMAGNETIC INDICES

Compiled by: Phil Bytheway

E-mail: phil\_tekno@yahoo.com

### Geomagnetic Summary June 7 2005 through October 12 2005

Tabulated from email status daily.

Date	Flux	A	K	Space Wx	Au	8/10	83	10	2	no storms	8
6/ 7	106	8	2	no storms	5	11	76	22	2	minor	5
8	109	17	2	minor	4	12	x	x	x	x	x
9	116	3	0	no storms	7	13	76	6	2	x	x
10	116	3	2	x	x	14	75	15	3	no storms	6
11	114	4	1	no storms	6	15	75	10	2	x	x
12	108	6	2	no storms	5	16	76	6	1	no storms	4
13	103	27	5	minor	10	17	76	16	3	x	x
14	92	31	3	moderate	8	18	77	12	2	no storms	4
15	94	9	3	no storms	6	19	83	15	2	no storms	6
16	95	19	3	minor	4	20	93	7	0	no storms	5
17	98	25	4	moderate	7	21	98	4	1	no storms	8
18	91	15	2	minor	7	22	99	12	3	no storms	9
19	90	9	2	no storms	7	23	105	11	2	minor	5
20	87	5	2	no storms	7	24	112	12	2	moderate	5
21	86	7	2	no storms	3	25	99	62	4	extreme	7
22	83	1	1	no storms	1	26	92	21	2	moderate	6
23	80	4	1	no storms	2	27	93	12	2	no storms	2
24	78	35	3	strong	8	28	92	7	2	no storms	5
25	77	16	1	minor	2	29	90	5	1	minor	3
26	77	9	x	x	x	30	89	9	1	no storms	4
27	79	7	2	no storms	6	8/31	86	3	3	no storms	2
28	77	4	2	no storms	6	9/ 1	84	21	5	moderate	10
29	80	5	2	no storms	6	2	79	25	1	minor	4
6/30	89	6	1	no storms	4	3	77	30	5	minor	9
7/ 1	103	10	3	no storms	5	4	74	25	1	moderate	5
2	115	14	3	minor	9	5	75	26	2	minor	8
3	124	13	3	no storms	7	6	75	15	3	x	x
4	130	10	2	no storms	3	7	83	11	2	minor	7
5	124	5	2	no storms	2	8	100	15	3	severe	2
6	127	5	2	no storms	4	9	94	10	2	strong	11
7	123	4	1	no storms	4	10	99	22	5	strong	7
8	123	4	2	x	x	11	100	28	4	strong	10
9	110	1	1	no storms	4	12	110	90	4	severe	8
10	107	12	2	no storms	9	13	118	40	4	moderate	10
11	102	35	5	minor	9	14	114	38	4	strong	8
12	93	23	4	minor	9	15	117	20	3	strong	8
13	96	33	3	moderate	6	16	119	37	5	strong	7
14	92	22	3	moderate	4	17	112	16	2	minor	8
15	90	12	2	strong	5	18	104	9	3	moderate	8
16	87	6	2	moderate	5	19	102	13	3	no storms	6
17	76	15	3	minor	5	20	91	13	3	no storms	7
18	74	14	2	minor	9	21	88	10	1	no storms	5
19	72	28	2	moderate	7	22	86	3	0	no storms	3
20	71	8	2	no storms	4	23	84	8	1	no storms	8
21	72	20	3	no storms	10	24	x	x	x	x	x
22	73	21	2	minor	8	25	x	x	x	x	x
23	74	12	3	no storms	7	26	x	x	x	x	x
24	80	4	1	no storms	4	27	x	x	x	x	x
25	80	5	2	x	x	28	77	13	x	x	x
26	84	5	1	no storms	6	29	75	15	2	no storms	7
27	87	6	2	no storms	5	9/30	74	8	2	no storms	6
28	91	16	4	minor	6	10/ 1	72	8	1	no storms	3
29	96	21	2	minor	7	2	72	12	x	x	x
30	104	21	3	minor	6	3	75	16	2	no storms	4
7/31	105	19	2	strong	5	4	74	10	2	no storms	2
8/ 1	110	7	2	minor	5	5	83	4	1	no storms	4
2	111	16	2	minor	6	6	81	3	1	no storms	4
3	110	12	2	minor	3	7	80	5	2	no storms	5
4	109	8	2	minor	8	8	79	9	3	no storms	8
5	106	12	1	no storms	7	9	x	x	x	x	x
6	99	6	2	no storms	7	10	x	x	x	x	x
7	93	29	4	minor	9	11	79	11	x	x	x
8	92	15	2	minor	7	10/12	78	5	1	no storms	4
8/ 9	86	10	2	no storms	3						

## SPORTS ON RADIO

Compiled by: Phil Bytheway

Looking for an editor!!!

Thanks to postings from Art Blair, Dale Park and Bob Pietsch

### NHL HOCKEY

#### NHL FLAGSHIPS

Buffalo Sabres 550-WGR-Buffalo NY  
Carolina Hurricanes 102.9-WLYT-Hickory NC  
Chicago Black Hawks 670-WSCR-Chicago IL  
Dallas Stars 820-WBAP-Fort Worth TX  
Montreal Canadiens 730-CKAC-Montreal QC(EE)/800-CJAD-Montreal QC (FF)  
Nashville Predators 560-WNSR-Brentwood TN/104.5-WGFX-Gallatin TN  
New Jersey Devils 660-WFAN-New York NY (1560-WQEW-New York NY when WFAN preempted)  
New York Islanders 1130-WBBR-New York NY  
New York Rangers 1050-WEPN-New York NY  
Philadelphia Flyers 610-WIP-Philadelphia PA  
Pittsburgh Penguins 970-WBGG-Pittsburgh PA/94.5-WWSW-Pittsburgh PA  
Tampa Bay Lightning 620-WDAE-St. Petersburg FL  
Vancouver Canucks 980-CKNW-New Westminster BC  
Washington Capitals 980-WTEM-Washington DC

#### ANANHEIM MIGHTY DUCKS

690 XETRA Tijuana, BCN

#### ATLANTA THRASHERS

550 WDUN Gainesville, GA 1350 WFNS Blackshear, GA  
680 WCNN North Atlanta, GA (Flagship) 1410 WLAQ Rome, GA  
790 WFSN Brunswick, GA 1410 WPCC Clinton, SC  
850 WCUG Cuthbert, GA 1420 WRCC Columbus, GA  
960 WRFC Athens, GA 1450 WKEU Griffin, GA  
1050 WWIC Scottsboro, AL 1450 WMVG Milledgeville, GA  
1230 WFOM Marietta, GA 1600 WFIS Fountain Inn, SC  
1240 WWNS Statesboro, GA  
1270 WYXC Cartersville, GA 98.1 WMGP Hogansville, GA  
1290 WCHK Canton, GA 101.1 WTGA Thomaston, GA  
1300 WIMO Winder, GA 103.9 WDDK Greensboro, GA  
1340 WALR Atlanta, GA

#### CALGARY FLAMES

960 CFAC Calgary, AB

#### BOSTON BRUINS

620 WZON Bangor, ME  
1030 WBZ Boston, MA (Flagship) 96.7 WQSO Rochester, NH  
1420 WBEC Pittsfield, MA

#### COLORADO AVALANCHE

610 KCSR Chadron, NE 1480 KRAE Cheyenne, WY  
690 KRGS Rifle, CO  
740 KVOR Colorado Springs, CO 96.7 K224CI (KNFO) Eagle, CO  
950 KKFN Denver, CO (Flagship) 96.9 KBCR Steamboat Springs, CO  
960 KNEB Scottsbluff, NE 100.5 KRSJ Durango, CO  
1010 KSIR Brush, CO 103.1 KYDT Sundance, WY  
1230 KLMS Lincoln, NE 103.1 K276CX (KNNG) Sydney, NE  
1310 KFKA Greeley, CO 104.7 KNNG Sterling, CO  
1340 KTMM Grand Junction, CO 104.7 KSKE Vail, CO  
1350 KGHF Pueblo, CO 106.1 KNFO Basalt, CO  
1450 KBFS Belle Fourche, SD

#### COLUMBUS BLUE JACKETS

(per [www.bluejackets.com/multimedia/radio\\_tv.php](http://www.bluejackets.com/multimedia/radio_tv.php))

WEOL-930-Elyria OH WCWA-1230-Toledo OH  
WATH-970-Athens OH WBBW-1240-Youngstown OH  
WONE-980-Dayton OH WHIZ-1240-Zanesville OH  
WJEH-990-Gallopohis OH WCHO-1250-Washington Court House OH  
WTIG-990-Massillon OH WILE-1270-Cambridge OH

WUCO-1270-Marysville OH  
WLOH-1320-Lancaster OH  
WFIN-1330-Findlay OH  
WIZE-1340-Springfield OH  
WBLL-1390-Bellfontaine OH  
WMAN-1400-Mansfield OH  
WCLT-1430-Newark OH  
WBNS-1460-Columbus OH (flagship)  
WBEX-1490-Chillicothe OH  
WMOA-1490-Marietta OH

#### FLORIDA PANTHERS

560 WQAM Miami, FL (Flagship)

#### EDMONTON OILERS

630 CHED Edmonton, AB

#### DETROIT RED WINGS

(per [www.detroitredwings.com/interactive/radioAff.jsp](http://www.detroitredwings.com/interactive/radioAff.jsp))

WTCM-580-Traverse City MI  
WJMS-590-Ironwood MI  
WKZO-590-Kalamazoo MI  
WCHT-600-Escanaba MI  
WVFN-730-East Lansing MI  
WIDG-940-St. Ignace MI  
WSOO-1230-Sault Ste. Marie MI  
WATT-1240-Cadillac MI  
WMKT-1270-Charlevoix MI  
WXYT-1270-Detroit MI (flagship)  
CJBK-1290-London ON  
WTRX-1330-Flint MI  
WBBL-1340-Grand Rapids MI

#### LOS ANGELES KINGS

(per [www.lakings.com](http://www.lakings.com))

KSPN-710-Los Angeles CA (flagship)  
KXPS-1010-Thousand Palms CA  
KHTS-1220-Canyon Country CA  
KGEO-1230-Bakersfield CA

#### MINNESOTA WILD

(per [wild.com/schedule/002/079/](http://wild.com/schedule/002/079/))

CKPR-580-Thunder Bay ON  
KFGO-790-Fargo ND  
WCCO-830-Minneapolis MN (flagship)  
KYMN-1080-Northfield MN  
KOWZ-1170-Waseca MN  
KWNO-1230-Winona MN  
KROX-1260-Crookston MN  
KDUZ-1260-Hutchinson MN  
KOZY-1320-Grand Rapids MN  
KDLM-1340-Detroit Lakes MN  
KXSS-1390-Waite Park MN  
KRWB-1410-Roseau MN

#### PHOENIX COYOTES

(per [www.phoenixcoyotes.com/schedules/Radio\\_Affiliates.php](http://www.phoenixcoyotes.com/schedules/Radio_Affiliates.php))

KVNA-600-Flagstaff AZ  
KNML-610-Albuquerque NM  
KAZM-780-Sedona AZ  
KNTR-980-Lake Havasu City AZ  
KDUS-1060-Tempe AZ (flagship)  
KQNA-1130-Prescott Valley AZ

#### ST. LOUIS BLUES

(per [www.stlouisblues.com/affiliates.ktrs.html](http://www.stlouisblues.com/affiliates.ktrs.html))

KTRS-550-St. Louis MO (flagship)  
KWOC-930-Poplar Bluff MO  
WMIX-940-Mount Vernon IL  
KRMS-1150-Osage Beach MO

WMRN-1490-Marion OH  
WQCT-1520-Bryan OH  
WANR-1570-Warren OH  
WTTF-1600-Tiffin OH

WQEL-92.7-Bucyrus OH  
WKKI-94.3-Celina OH  
WLKR-95.3-Norwalk OH  
WJAW-100.9-McConnellsville OH  
WWCD-101.1-Grove City OH (flagship)

760 WEFL Tequesta, FL

WMBN-1340-Petoskey MI  
WPHM-1380-Port Huron MI  
WRCC-1400-Battle Creek MI  
WCCY-1400-Houghton MI  
WHTC-1450-Holland MI  
WIBM-1450-Jackson MI  
WNBY-1450-Newberry MI  
WLQR-1470-Toledo OH  
WABJ-1490-Adrian MI

WDEE-97.3-Reed City MI  
WEFG-97.5-Muskegon MI

KLOA-1240-Ridgecrest CA  
KMET-1490-Banning CA  
KVTA-1520-Port Hueneme CA

KBUN-1450-Bemidji MN  
WELY-1450-Ely MN  
KKAQ-1460-Thief River Falls MN  
KOLM-1520-Rochester MN  
KCNN-1590-East Grand Forks MN  
K292EZ-94.1-Duluth MN (KZIO translator)  
WELY-94.5-Ely MN  
WXXZ-95.3-Grand Marais MN  
KZIO-104.3-Two Harbors MN  
KBGY-107.5-Faribault MN (when WCCO is preempted)

KATO-1230-Safford AZ  
KIKO-1340-Miami AZ  
KJOK-1400-Yuma AZ

KDKB-93.3-Mesa AZ (flagship)  
KPPV-106.7-Prescott Valley AZ

KGIR-1220-Cape Girardeau MO  
WHCO-1230-Sparta IL  
KSMO-1340-Salem MO  
KRHW-1520-Sikeston MO

KTGR-1580-Columbia MO  
WSIE-88.7-Edwardsville IL  
KBDZ-93.1-Perryville MO  
WCXO-96.7-Carlyle IL  
WBBA-97.5-Pittsfield IL  
KFBD-97.9-Waynesville MO

#### SAN JOSE SHARKS

(per [www.sjsharks.com/tv\\_radio/affiliates/index.asp](http://www.sjsharks.com/tv_radio/affiliates/index.asp))

KAHJ-950-Auburn CA  
KESP-970-Modesto CA  
KXBX-1270-Lakeport CA  
KATA-1340-Arcata CA  
KOMY-1340-La Selva Beach CA  
KFIG-1430-Fresno CA

#### COLLEGE SPORTS

##### APPALACHIAN STATE UNIVERSITY

790 WBLO Thomasville, NC  
870 WPWT Colonial Heights, TN  
1150 WAVO Rock Hill, SC  
1270 WCGC Belmont, NC  
1300 WLCN Laurinburg, NC  
1450 WATA Boone, NC

Mountaineers Football Under The Lights  
November 5, @ LSU - 8:00PM EST

##### AUGUSTANA COLLEGE VIKINGS

1000 KXRB Sioux Falls, SD (Football)

##### AUSTIN PEAY UNIVERSITY

540 WJQI Clarksville, TN  
1590 WDBL Springfield, TN

##### BETHUNE-COOKMAN WILDCAT

1360 WHNR Cyprus Gardens, FL

Wildcat Football Late Games

November 5, vs Hampton U. - 4:00PM ELT  
November 19, @ Florida A&M U. - 4:00PM ELT

##### BLOOMSBURG UNIVERSITY HUSKIES FOOTBALL

930 WHLM Bloomsburg, PA

##### BOSTON COLLEGE

850 WEEI Boston, MA (Flagship Station)  
1230 WESX Salem, MA

##### CENTRAL FLORIDA GOLDEN KNIGHTS

Marc Daniels, Gary Parris, Jerry O'Neill-sidelines

740 WQTM-FL Orlando FLAGSHIP  
1240 WMMB-FL Melbourne  
1340 WROD-FL Daytona Beach

##### CENTRAL MICHIGAN UNIVERSITY CHIPPEWAS

Kurt Wilson, Stan Shingles

1110 WJML-MI Petoskey  
1200 WCHB-MI Taylor/Detroit  
1570 WFUR-MI Grand Rapids

##### CLEMSON UNIVERSITY TIGERS

(a) Football only, (b) Basketball only, (c) Partial schedule

950 WQTK Monks Corner, SC (c)  
970 WJMX Florence, SC (a)  
1050 WIQB Conway, SC  
1130 WFXH Hilton Head Island, SC (a)  
1230 WOIC Columbia, SC (a,c)  
1230 WOLS Florence, SC (b)  
1240 WDXY Sumter, SC (b)

KTUI-100.9-Sullivan MO  
KMCR-103.9-Montgomery City MO  
KDBB-104.3-Bonne Terre MO  
KSLQ-104.5-Washington MO  
WGEM-105.1-Quincy IL

KVON-1440-Napa CA  
KRKC-1490-King City CA  
KNRO-1670-Redding CA

KBKY-94.1-Merced CA  
KUFX-98.5-San Jose CA (flagship)

1450 WGNC Gastonia, NC  
1590 WCSL Cherryville, NC

96.7 WKRX Roxboro, NC  
97.3 WKBC North Wilkesboro, NC (Flagship)  
106.1 WNMX Waxhaw, NC

November 19, @ Elon - 6:00PM EST

100.5 KIKN Salem, SD (Men's Basketball)

94.3 WJOI Norfolk, VA

1380 WELE Ormond Beach, FL

Two others TBA

1300 WJDA Quincy, MA

1350 WDCF-FL Dade City  
1350 WMMV-FL Cocoa (relays 1240 WMMB)  
SYNDICATOR: ISP Sports Network

98.5 WUPS-MI Houghton Lake  
104.3 WCZY-MI Mount Pleasant FLAGSHIP  
SYNDICATOR: Michigan Talk Radio Netw.

1240 WKDK Newberry, SC (c)  
1260 WHYM Lake City, SC (b)  
1300 WKSC Kershaw, SC (a)  
1340 WQSC Charleston, SC  
1340 WRHI Rock Hill, SC  
1400 WGTN Georgetown, SC (c)  
1410 WPCC Clinton, SC (c)

1450 WHSC Hartsville, SC  
1590 WCAM Camden, SC  
1630 WRDW Augusta, GA  
  
92.1 WBHC Hampton, SC  
93.1 WZMJ Batesburg, SC  
93.3 WTPT Forest City, NC  
93.7 WXJY Georgetown, SC  
93.9 WJXY Conway, SC

#### COLORADO STATE UNIVERSITY

600 KCOL Wellington, CO (Flagship)  
710 KNUS Denver, CO  
1340 KTMM Grand Junction, CO

#### DUKE UNIVERSITY

590 WCAB Rutherfordton, NC  
620 WDNC Durham, NC (Flagship station)  
730 WOHS Shelby, NC  
850 WRBZ Raleigh, NC (Partial football schedule, full basketball schedule)  
900 WAYN Rockingham, NC  
910 WWWW Roanoke, VA  
990 WEEB Southern Pines, NC  
990 WNRV Narrows-Pearisburg, VA  
1050 WBRG Lynchburg, VA  
1050 WLON Lincolnton, NC  
1150 WBAG Burlington-Graham, NC  
1240 WCNC Elizabeth, NC

#### GEORGIA TECH

630 WNEG Toccoa, GA  
730 WOHS Shelby, NC  
790 WQXI Atlanta, GA (Flagship station)  
790 WFSN Brunswick, GA  
850 WCUG Cuthbert, GA  
1030 WEBS Calhoun, GA  
1050 WLON Lincolnton, NC  
1240 WGGA Gainesville, GA  
1240 WTWA Thomson, GA  
1270 WJJC Commerce, GA  
1270 WYXC Cartersville, GA  
1300 WIMO Winder, GA  
1300 WMTM Moultrie, GA  
1310 WPLV West Point, GA  
1350 WFNS Blackshear, GA  
1350 WNNG Warner Robins, GA  
1370 WLOP Jesup, GA  
1420 WPEH Louisville, GA

#### HAWAII WARRIORS

Bobby Curran, Robert Kekaula, John Veneri-sideline (home gs only), Don Robbs-studio

570 KQNG-HI Lihu'e  
670 KPUA-HI Hilo

#### IDAHO STATE UNIVERSITY BENGALS

930 KSEI Pocatello, ID (Flagship station)  
1140 KGEM Boise, ID

#### INDIANA UNIVERSITY

(a) Football only, (b) Basketball only

790 WXXA Louisville, KY  
950 WXLW Indianapolis, IN (a)  
960 WSBT South Bend, IN (b)  
1010 WCSI Columbus, IN  
1190 WOWO Fort Wayne, IN  
1220 WSLM Salem, IN  
1230 WJOB Hammond, IN  
1230 WTCJ Tell City, IN  
1240 WHBU Anderson, IN  
1270 WXGO Madison, IN

94.1 WHZQ Cross Hill, SC  
95.7 WWBD Bamberg, SC (a)  
99.3 WWKT Kingstree, SC (a)  
102.3 WRML Pageland, SC (a)  
102.7 WPUB Camden, SC (c)  
104.9 WCCP Clemson, SC (Flagship Station)  
105.3 WAGI Gaffney, SC

100.9 KNEC Yuma, CO  
107.3 KRMR Hayden, CO

1260 WZBO Edenton, NC  
1350 WZNN Black Mountain, NC  
1440 WLXN Lexington, NC  
1450 WGNC Gastonia, NC  
1490 WSTP Salisbury, NC  
1580 WZKY Albemarle, NC  
1590 WCSL Cherryville, NC  
  
96.7 WKRX Roxboro, NC  
100.7 WZJS Banner Elk, NC  
104.5 WCCG Hope Mills, NC  
106.1 WNMX Waxhaw, NC  
107.9 WNCT Greenville, NC

1440 WLXN Lexington, NC  
1450 WGNC Gastonia, NC  
1450 WKEU Griffin, GA  
1450 WMVG Milledgeville, GA  
1460 WHAL Phenix City, AL  
1470 WCLA Claxton, GA  
1480 WGUS Augusta, GA  
1590 WALG Albany, GA  
1590 WCSL Cherryville, NC  
1590 WTGA Thomaston, GA

97.7 WTCQ Vidalia, GA  
100.1 WQMJ Forsyth, GA  
101.9 WJFL Tennille, GA  
103.9 WDDK Greensboro, GA  
104.7 WSGA Hinesville, GA  
107.1 WTSH Rockmart, GA

1110 KAOI-HI Kihei/Wailuku  
1420 KKEA-HI Honolulu (Flagship)

1230 KRXK Rexburg, ID

1330 WTRE Greensburg, IN  
1340 WTRC Elkhart, IN  
1340 WXFN Muncie, IN  
1350 WIOU Kokomo, IN  
1400 WBAT Marion, IN  
1400 WEOA Evansville, IN  
1420 WIMS Michigan City, IN  
1420 WVJS Owensboro, KY  
1540 WBNL Boonville, IN  
1560 WRIN Rensselaer, IN

1580 WDND South Bend, IN (a)  
1590 WRCY Mount Vernon, IN  
1600 WBTO Linton, IN  
  
89.9 WBRO Marengo, IN  
92.1 WROI Rochester, IN  
92.1 WZDM Vincennes, IN  
92.7 WSKT Spencer, IN  
93.3 WQTY Linton, IN  
93.7 WQKC Seymour, IN  
94.3 WREB Greencastle, IN  
94.5 WRZR Loogootee, IN  
94.7 WFBQ Indianapolis, IN (b)  
96.1 WQLK Richmond, IN  
96.7 WHTI Alexandria, IN  
96.7 WORX Madison, IN

#### IOWA STATE UNIVERSITY CYCLONES

540 KWMT Fort Dodge, IA  
960 KMA KMA Shenandoah, IA  
1270 WKBF Rock Island, IL  
1310 KDLS Perry, IA  
1320 KMAQ Maquoketa, IA  
1360 KBKB Fort Madison, IA  
1380 KCIM Carroll, IA  
1430 KASI Ames, IA  
1460 KXNO Des Moines, IA  
1490 KRIB Mason City, IA  
1520 KSIB Creston, IA  
1590 KWBG Boone, IA  
1600 KCRG Cedar Rapids, IA  
1600 KLGA Algona, IA  
1650 KCNZ Cedar Falls, IA

92.1 KCHE Cherokee, IA  
92.7 KLGA Algona, IA

#### JAMES MADISON UNIVERSITY

550 WSVL Harrisonburg, VA (Flagship station)  
1310 WCMS Newport News, VA

#### KANSAS STATE UNIVERSITY WILDCATS

810 WHB Kansas City, MO  
1070 KFTI Wichita, KS  
1150 KSAL Salina, KS  
1190 KSVV Beloit, KS  
1290 KWLS Pratt, KS  
1340 KSEK Pittsburg, KS  
1350 KMAN Manhattan, KS  
1360 KAHS El Dorado, KS  
1370 KALN Iola, KS  
1420 KJCK Junction City, KS  
1490 KKAN Phillipsburg, KS  
1530 KQNK Norton, KS  
1550 KKLE Winfield, KS  
1560 KABI Abilene, KS  
1570 KNDY Marysville, KS

#### LOUISIANA STATE UNIVERSITY TIGERS

as of 7/20/05 per www.lsuports.net  
Jim Hawthorne, Doug Moreau, Jordy Hultberg-sideline, Kevin Ford-studio

870 WWL--LA New Orleans  
920 WBOX-LA Bogalusa  
970 KYSL-LA Alexandria  
1050 KVPI-LA Ville Platte  
1130 KWKH-LA Shreveport  
1250 WHNY-MS McComb  
1250 WHSY-MS Hattiesburg  
1450 KIKR-TX Beaumont  
1490 KEUN-LA Eunice  
  
92.9 WBOX-LA Bogalusa

97.9 WSLM Salem, IN  
99.3 WSCH Aurora, IN  
100.1 WFLQ French Lick, IN  
100.1 WNUY Bluffton, IN  
100.9 WPGW Portland, IN  
102.3 WLHM Logansport, IN  
103.1 WXCH Versailles, IN  
104.7 WITZ Jasper, IN  
104.9 WAXI Rockville, IN  
104.9 WINN Columbus, IN  
105.1 WHCC Bloomington, IN (Flagship station)  
105.5 WQRK Bedford, IN  
106.7 WYFX Mount Vernon, IN  
107.7 WMRS Monticello, IN

92.7 KTTA Ottumwa, IA  
95.7 KQWC Webster City, IA  
96.5 KSOM Audubon, IA  
96.7 KLBA Albia, IA  
97.7 KHBT Humboldt, IA  
99.5 KKMA Le Mars, IA  
101.1 KXIA Marshalltown, IA  
101.1 WVRE Dickeyville, WI  
103.5 KNEJ Waukon, IA  
104.9 KLMJ Hampton, IA  
105.1 KCCQ Ames, IA  
105.5 KDLS Perry, IA  
106.7 KIKD Lake City, IA  
107.1 KDSN Denison, IA  
107.3 KIOV Forest City, IA  
107.7 KICD Spencer, IA

1480 WTOX Glen Allen, VA

92.5 KQMA Phillipsburg, KS  
95.3 KINZ Humboldt, KS  
95.5 KNDY Marysville, KS  
96.9 KFIX Plainville, KS  
97.5 KPAK Alva, OK  
98.5 KSAJ Abilene, KS  
100.9 KCLY Clay Center, KS  
101.5 KMKF Manhattan, KS  
102.5 KKCI Goodland, KS  
102.9 KQTP Saint Marys, KS  
106.1 KXKU Lyons, KS  
106.7 KQNK Norton, KS  
107.9 KZLS Great Bend, KS

93.5 KJAE-LA Leesville  
97.9 KPCH-LA Ruston  
98.1 WDGL-LA Baton Rouge FLAG  
100.7 KZBL-LA Natchitoches  
101.3 KKGB-LA Lake Charles  
101.9 KNOE-LA Monroe  
102.7 KJNA-LA Jena  
105.1 KPEL-LA Lafayette  
107.1 KFNV-LA Ferriday/Natchez MS  
107.1 KWLV-LA Many  
107.5 KCIL-LA Houma



**MARSHALL UNIVERSITY**

620 WWNR Beckley, WV  
 740 WRNR Martinsburg, WV  
 930 WRVC Huntington, WV (Flagship station)  
 1080 WOKU Hurricane, WV  
 1240 WBES Dunbar, WV  
 1240 WKEZ Bluefield, WV  
 1290 WVOW Logan, WV  
 1340 WEPM Martinsburg, WV  
 1340 WXXK Clarksburg, WV  
 1400 WVRC Spencer, WV  
 92.3 WZAQ Louisa, KY  
 92.7 WPMW Mullens, WV  
 92.9 WCWV Summersville, WV

93.7 WDGG Ashland, KY (Flagship station)  
 94.9 WSNA South Webster, WV  
 96.5 WXCC Williamson, WV  
 98.3 WCEF Ripley, WV  
 99.5 WBYG Point Pleasant, WV  
 101.9 WVOW Logan, WV  
 102.3 WMTD Hinton, WV  
 104.7 WVRC Spencer, WV  
 106.1 WRZZ Elizabeth, WV  
 106.3 WHKX Bluefield, WV  
 107.3 WKAZ Miami, WV  
 107.7 WHQK Bluefield, WV

**MASSACHUSETTS MINUTEMEN**

Bob Behler, Matt Goldstein, Mike Marzell-sidelines, Derek Volner-studio  
 830 WCRN-MA Worcester 100.9 WRNX-MA Amherst FLAGSHIP  
 95.9 WATD-MA Marshfield

**MIAMI UNIVERSITY**

1210 WDAO Dayton, OH 88.5 WMUB Oxford, OH  
 1450 WMOH Hamilton, OH 101.3 WFMG Richmond, IN  
 1530 WCKY Cincinnati, OH

**MIDDLE TENNESSEE STATE UNIVERSITY BLUE RAIDER**

1230 WAKI McMinnville, TN 1580 WLII Shelbyville, TN  
 1320 WMSR Manchester, TN 89.5 WMOT Murfreesboro, TN  
 1400 WZNG Shelbyville, TN 105.1 WVRY Waverly, TN (Flagship)  
 1450 WGNS Murfreesboro, TN

**MOREHEAD STATE UNIVERSITY**

1150 WMST Mount Sterling, KY 107.7 WKCA Owingsville, KY  
 96.3 WIVY Morehead, KY

**NEVADA WOLF PACK**

Dan Gustin, Bill Daniel, Don Marchand-sidelines  
 630 KPLY-NV Reno FLAGSHIP 1400 KSHP-NV Las Vegas 9 gs only  
 710 KFIA-CA Carmichael/Sacto. 103.3 KCEE-CA Grass Valley select games only  
 1240 KELK-NV Elko 9 gs only

**NEWBERRY COLLEGE FOOTBALL**

1240-WKDK Newberry, SC  
 Football Under The Lights  
 October 22, 7:00PM vs Wingate U. November 5, 7:00PM vs Presbyterian College

**NORTH CAROLINA STATE UNIVERSITY WOLFPACK**

(\*) Partial Schedule  
 570 WWNC Asheville, NC 1340 WCBQ Oxford, NC  
 600 WSJS Winston-Salem, NC 1370 WTAB Tabor City, NC  
 640 WFNC Fayetteville, NC 1400 WSIC Statesville, NC  
 680 WPTF Raleigh, NC (Flagship) 1580 WZKY Albemarle, NC  
 890 WHNC Henderson, NC 1590 WBHN Bryson City, NC  
 900 WAYN Rockingham, NC 1590 WCSL Cherryville, NC (\*)  
 900 WIAM Williamston, NC 95.5 WPWZ Pinetops, NC  
 980 WAAV Leland, NC 95.7 WXRC Hickory, NC  
 1050 WLON Lincolnton, NC (\*) 97.9 WNBB Bayboro, NC  
 1050 WWGP Sanford, NC 98.3 WDLZ Murfreesboro, NC  
 1150 WGBR Goldsboro, NC 98.9 WNRB Windsor, NC  
 1200 WSML Graham, NC 99.3 WQDK Ahoskie, NC  
 1240 WCNC Elizabeth City, NC 100.9 WIFM Elkin, NC  
 1260 WZBO Edenton, NC 102.3 WFNC Lumberton, NC  
 1260 WKXR Asheboro, NC 102.3 WPTM Roanoke Rapids, NC  
 1290 WJVC Jacksonville, NC (\*) 105.5 WFJA Sanford, NC (\*)  
 1300 WLNC Laurinburg, NC  
 1300 WSYD Mt. Airy, NC

**NORTHERN ILLINOIS UNIVERSITY HUSKIES**

670 WSCR Chicago, IL 95.7 WSEY Oregon, IL  
 1360 WLBK DeKalb, IL 102.3 WRHL Rochelle, IL  
 1410 WRMN Elgin, IL 102.9 WMKB Earlville, IL

**NORTHWESTERN STATE UNIVERSITY DEMONS**

970 KSYL Alexandria, LA 99.9 KTEZ Zwolle, LA  
 1300 KSYB Shreveport, LA 103.9 KTHP Hemphill, TX  
 1400 KWLA Many, LA 107.1 KWLV Many, LA

97.3 KDBH Natchitoches, LA

**NOTRE DAME**

(Very unofficial)  
 950 WXLW Indianapolis, IN 92.9 WNDV South Bend, IN (Flagship)  
 1000 WMVP Chicago, IL 95.9 WEFM Michigan City, IN  
 1250 WGL Ft. Wayne, IN 96.7 WKGL Loves Park, IL (?)  
 1480 WRSW Warsaw, IN 97.7 WZOW Goshen, IN  
 1520 WLUV Loves Park, IL 102.3 WOZW New Carlisle, IN  
 1580 WDND South Bend, IN 107.9 WAMW Washington, IN

**OHIO UNIVERSITY**

630 WJAW St. Marys, WV 96.7 WKOY Wellston, OH  
 1340 WCMJ Ashland, KY 100.9 WJAW McConnelsville, OH  
 1390 WMPO Middleport-Pomeroy, OH 103.1 WRAC West Union, OH  
 1450 WHNK Parkersburg, WV 105.5 WXTQ Athens, OH (Flagship station)  
 1490 WMOA Marietta, OH 107.1 WAZU Circleville, OH

92.1 WYVK Middleport, OH

**OUACHITA BAPTIST UNIVERSITY**

96.9 KSSW Nashville, AR 106.9 KYXK Gurdon, AR (Flagship station)  
 105.3 KQOR Mena, AR

**PENN STATE UNIVERSITY FOOTBALL**

560 WFIL Philadelphia, PA 1400 WKBI St. Mary's, PA  
 580 WHP Harrisburg, PA 1430 WVAM Altoona, PA  
 670 WIEZ Lewistown, PA 1440 WNPV Lansdale, PA  
 680 WISR Butler, PA 1450 WFRA Franklin, PA  
 790 WAEB Allentown, PA 1450 WMAJ State College, PA  
 800 WCHA Chambersburg, PA 1450 WPSE Erie, PA  
 900 WCPA Clearfield, PA 1480 WCNS Latrobe, PA  
 910 WBZU Scranton, PA 1490 WPRR Johnstown, PA  
 910 WSBA York, PA 1590 WPSN Honesdale, PA  
 980 WILK Wilkes-Barre, PA 92.1 WSNU Lock Haven, PA  
 1070 WKOK Sunbury, PA 92.3 WLGL Riverdale, PA  
 1130 WASP Brownsville, PA 92.3 WNBQ Mansfield, PA  
 1160 WVNJ Oakland, NJ 93.7 WBUS Boalsburg, PA  
 1240 WJEJ Hagerstown, MD 95.7 WMRF Lewistown, PA  
 1240 WYGL Selinsgrove, PA 96.5 WRKP Moundsville, WV  
 1250 WEAE Pittsburgh, PA 96.7 WFRM Coudersport, PA  
 1270 WLBR Lebanon, PA 99.3 W257BA (WQRM) Bradford, PA  
 1280 WHWR Hanover, PA 100.3 WHGL Canton, PA  
 1290 WWTX Wilmington, DE 100.5 WYGL Elizabethville, PA  
 1300 WKZN West Hazleton, PA 101.9 WAVT Pottsville, PA  
 1310 WBFD Bedford, PA 102.7 WKSJ Williamsport, PA  
 1320 WGET Gettysburg, PA 103.5 WLAK Huntingdon, PA  
 1340 WOYL Oil City, PA 103.7 WFSJ Indiana, PA  
 1340 WPNT Connellsville, PA 104.3 WKNB Clarendon, PA  
 1340 WRAW Reading, PA 104.5 WNBW Wellsboro, PA  
 1340 WTRN Tyrone, PA 106.3 WQRM Smethport, PA  
 1360 WPPA Pottsville, PA 106.5 WDSN Reynoldsville, PA  
 1390 WLAN Lancaster, PA

**PITTSBURG STATE UNIVERSITY**

860 KKOW Pittsburg, KS 1030 KCWJ Blue Springs, MO

**OHIO STATE UNIVERSITY FOOTBALL**

570 WKBN Youngstown, OH 850 WKNR Cleveland, OH  
 800 WVHU Huntington, WV 910 WPFM Middletown, OH

930 WEOL Elyria, OH  
 960 WKVX Wooster, OH  
 970 WFUN Ashtabula, OH  
 1150 WIMA Lima, OH  
 1160 WBOB Florence, KY  
 1220 WERT Van Wert, OH  
 1230 WIRO Ironton, OH  
 1240 WHIZ Zanesville, OH  
 1250 WCHO Washington Court House, OH  
 1260 WNXT Portsmouth, OH  
 1270 WUCO Marysville, OH  
 1300 WMVO Mount Vernon, OH  
 1320 WLOH Lancaster, OH  
 1330 WFIN Findlay, OH  
 1360 WWOW Conneaut, OH  
 1370 WVLY Moundsville, WV  
 1390 WBLL Bellefontaine, OH  
 1390 WNIO Youngstown, OH  
 1400 WMAN Mansfield, OH  
 1410 WING Dayton, OH  
 1430 WCLT Newark, OH  
 1430 WFOB Fostoria, OH  
 1450 WHNK Parkersburg, WV  
 1450 WJER Dover-New Philadelphia, OH  
 1450 WLEC Sandusky, OH  
 1460 WBKC Painesville, OH  
 1460 WBNS Columbus, OH (Flagship)  
 1470 WLQR Toledo, OH  
 1480 WHBC Canton, OH  
 1490 WBEX Chillicothe, OH  
 1490 WMOA Marietta, OH  
 1490 WMRN Marion, OH  
 1490 WOHI East Liverpool, OH  
 1510 WLGN Logan, OH  
 1520 WQCT Bryan, OH

1540 WBTC Uhrichsville, OH  
 1560 WTNS Coshocton, OH  
 1570 WPTW Piqua, OH  
 1590 WAKR Akron, OH  
 1590 WSRW Hillsboro, OH  
 1600 WULM Springfield, OH  
 92.1 WYVK Middleport, OH  
 92.1 WOHF Bellevue, OH  
 92.7 WQEL Bucyrus, OH  
 94.3 WKKI Celina, OH  
 95.3 WKLM Millersburg, OH  
 95.3 WLKR Norwalk, OH  
 95.3 WKTN Kenton, OH  
 95.9 WYNT Upper Sandusky, OH  
 96.1 WMTR Archbold, OH  
 96.7 WILE Byesville, OH  
 97.1 WBNS Columbus, OH (Flagship)  
 98.3 WLGN Logan, OH  
 98.3 WPKO Bellefontaine, OH  
 98.7 WYRO McArthur, OH  
 99.3 WNXT Portsmouth, OH  
 99.3 WTNS Coshocton, OH  
 99.7 WKSD Paulding, OH  
 100.9 WBNO Bryan, OH  
 100.9 WJAW McConnelsville, OH  
 100.9 WXIZ Waverly, OH  
 101.7 WJER Dover, OH  
 102.5 WHIZ Zanesville, OH  
 103.1 WNDH Napoleon, OH  
 104.5 WQKT Wooster, OH  
 105.5 WMVR Sidney, OH  
 106.3 WCDK Cadiz, OH  
 107.5 WZZZ Portsmouth, OH

**OREGON STATE UNIVERSITY BEAVERS**

(a) Football and Coach's Show Only, (b) Football only, (c) Coach's Show and Daily Show Only

690 KRCO Prineville, OR  
 940 KICE Bend, OR  
 840 KKNX Eugene, OR  
 1150 KAGO Klamath Falls, OR  
 1190 KEX Portland, OR (Flagship station)  
 1230 KKEE Astoria, OR  
 1230 KQIK Lakeview, OR (a)  
 1240 KEJO Corvallis, OR  
 1240 KTIK Pendleton, OR (c)  
 1250 KCST Florence, OR (a)  
 1290 KUMA Pendleton, OR (b)  
 1310 KNPT Newport, OR  
 1340 KWVR Enterprise, OR

1360 KOHU Hermiston, OR  
 1440 KMED Medford, OR  
 1440 KODL The Dalles, OR  
 1490 KRNR Roseburg, OR  
 1590 KMBD Tillamook, OR (b)  
 92.1 KWVR Enterprise, OR  
 93.5 KQIK Lakeview, OR (a)  
 94.1 KTIK Tillamook, OR (b)  
 100.5 KCGR Cottage Grove, OR  
 105.9 KYSJ Coos Bay, OR  
 106.9 KCST Florence, OR (a)

**PURDUE UNIVERSITY FOOTBALL**

860 WGOM Marion, IN  
 930 WHON Centerville, IN  
 1130 WSDX Brazil, IN  
 1230 WJOB Hammond, IN  
 1230 WSAL Logansport, IN  
 1260 WNDE Indianapolis, IN  
 1280 WGBF Evansville, IN  
 1300 WBOW Terre Haute, IN  
 1340 WBIW Bedford, IN  
 1350 WIOU Kokomo, IN  
 1380 WKJG Fort Wayne, IN  
 1410 WLAS Lafayette, IN  
 1540 WBNL Boonville, IN  
 1540 WLOI La Porte, IN  
 1550 WNDI Sullivan, IN  
 1600 WARU Peru, IN  
 1620 WHLY South Bend, IN

92.7 WZBD Berne, IN  
 94.3 WKWH Rushville, IN  
 95.3 WNDI Sullivan, IN  
 95.3 WSHP Brookston, IN (Flagship)  
 95.7 WLFF Attica, IN  
 95.9 WEFM Michigan City, IN  
 96.7 WFML Vincennes, IN  
 96.9 WKLO Hardinsburg, IN  
 97.7 WLQI Rensselaer, IN  
 98.3 WZZY Winchester, IN  
 98.5 WQKZ Ferdinand, IN  
 100.9 WBDC Huntingburg, IN  
 102.3 WBTO Petersburg, IN  
 103.5 WAWC Syracuse, IN  
 103.9 WIMC Crawfordsville, IN  
 107.3 WRZQ Greensburg, IN

**SAN JOSE SU SPARTANS**

Mike Chisholm, Neil Parry  
 1220 KNTS-CA Palo Alto/Fremont FLAGSHIP  
 1240 KNRY-CA Monterey  
 1360 KFIV-CA Modesto

secondary network  
 90.5 KJSJ-CA San Jose

**SYRACUSE UNIVERSITY**

540 WLIE Islip, NY  
 620 WVMT Burlington, VT  
 630 WEJL Scranton, PA  
 810 WGY Schenectady, NY  
 950 WIBX Utica, NY  
 980 WOFX Troy, NY  
 1050 WYBG Massena, NY  
 1240 WGVA Geneva, NY  
 1250 WMTR Morristown, NJ

1260 WNSS Syracuse, NY (Flagship)  
 1290 WNBF Binghamton, NY  
 1410 WELM Elmira, NY  
 1420 WACK Newark, NY  
 1590 WAUB Auburn, NY  
 95.7 WAQX Manlius, NY (Flagship)  
 99.9 WIII Cortland, NY  
 103.1 WTOJ Carthage, NY

**UNIVERSITY OF AKRON**

1300 WERE Cleveland, OH  
 1350 WARF Akron, OH (Flagship Station)

95.9 WNPQ New Philadelphia, OH



The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). **DX Monitor**, the official publication of the IRCA, is published in "soft" form 35 times a year (weekly from November through March, twice monthly from April to November) and in printed form 30 times a year (weekly November through March, monthly April to November). **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists.



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