



October 21, 2006 - Volume 44, Number 6 - Edition 1388 - ISSN 899-9733

IRCA's publisher, **Doug Pifer** will be out of town for issue #7 (next week's issue), so I've decided to make #7 a "SDXM-only" issue and then publish a double issue for #8... so there will be a one week break for those receiving the printed issue. #7 SDXM-only, #8 double size printed issue.

IRCA PRESIDENT'S REPORT

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

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October 15, 2006

The IRCA convention in Seaside, Oregon on the 24th to 26th of September was very successful; one of the best attended in years. Many thanks to Patrick Martin for organizing it, as well as to John Bryant for organizing the Saturday afternoon presentations by some of our fellow DXers on various intriguing topics. And it must have been the first convention in a long time (ever?) where some attendees listened to trans-Pacific broadcasters from their rooms.

The business meeting was held on Friday night, lively and short. A précis follows (full minutes of the meeting can be found at

http://www3.telus.net/7dxr/board/minutes_2006.pdf):

Condensed Minutes of IRCA's 2006 business meeting held at Comfort Inn, Seaside, Oregon, on September 22, 2006. Twenty members from California, Oregon, Washington, Colorado, Massachusetts, Arizona, Montana, Illinois, Alberta and British Columbia were present for the meeting.

President Nick Hall-Patch read the minutes from the Anaheim meeting of August 27, 2005.

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.

Secretary/Treasurer's report

Internet/IRCA Website report

(the above two reports sent in by Lynn Hollerman)

Brief Broadcast Test Co-ordinator's Report sent in by Les Rayburn

Publicity chair's report delivered by Mike Sanburn

Reprint editor's report and Award Committee Chair report sent in by Lee Freshwater

Elections Committee Chair's report sent in by Ray Bauernhuber

New Business:

There was further discussion of creating a more detailed IRCA history than we have at present; Doug Pifer has received club documents; DX Monitor digitization will assist; Board proceedings from early 70s on have been digitized.

Almanac editor's position proving difficult to fill. best wishes, Nick

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BROADCAST TEST COORDINATOR – DX TESTS

Les Rayburn: les@highnoonfilm.com (times are Eastern) <http://www.dxtests.info>

Sun 10/2206+	0000/0400	1360	WNJC	Vineland NJ	(Hamann)
Sun 10/22/06+	0000-0005	1230	WODI	Brookneal VA	(Marthouse)
Sun 10/23/06	0200-0400	1240	KEVA	Evanston WY	(Richard)
Sun 11/ 5/06	2200/0200	1340	WWNH	Madbury NH	(Walker)

WNJC 1360kHz Vineland, NJ DX Test: Date(s): Sunday Mornings (Late Saturday Nights) October 1st, 2006. Time: Midnight until 4:00AM Eastern Time. Modes of Operation: Transmitter Testing. 4,000 Watts, Non-Directional. Programming: Morse Code ID's, Sweep Tones, Voice ID. Notes: Transmitter testing following repairs to the array after Tropical Storm Ernesto. Station will test until at least 4AM, and possibly later.

Reception reports are desired via e-mail (first choice) and snail mail (only if e-mail is not available) Station would prefer to receive recordings of the test (MP3, CD, or cassette). Submit reports to: les@highnoonfilm.com. Please put "WNJC DX Test" in the subject line. All standard mail reports should go to: Les Rayburn, High Noon Film, 100 Centerview Drive Suite 111, Birmingham AL 35216. *SASE required for reply.

Thanks to John "Duke" Hamann and the staff of WNJC for this test!

WODI 1230kHz Brookneal, VA DX Test: Date(s): Sunday Mornings (Late Saturday Nights) Starting October 1st and continuing until further notice. Time: Midnight until 00:05AM Eastern Time (5 Minute test each week). Modes of Operation: Special DX Test. 1,000 Watts, Non-Directional. Programming: Morse Code ID's, Sweep Tones, Voice ID. Notes: This DX friendly station is co-owned by two amateur radio operators, and they have decided to conduct this rare, on-going DX test, giving listeners a weekly opportunity to put this station into the log books.

Reception reports are desired via e-mail (first choice) and snail mail (only if e-mail is not available) Station would prefer to receive recordings of the test (MP3, CD, or cassette). Submit reports to: les@highnoonfilm.com. Please put "WODI DX Test" in the subject line. All standard mail reports should go to: Les Rayburn, High Noon Film, 100 Centerview Drive Suite 111, Birmingham AL 35216. *SASE required for reply.

Thanks to Dave Marthouse, N2AAM & Tony DeNicola, WA2IHZ for putting on this unusual, long term DX tests for the benefit of distant listeners!

KEVA 1240kHz Evanston, WY DX Test. Date: Monday Morning (Late Sunday Night) October 23rd, 2006. Time: Midnight until 2:00AM Mountain Time. Modes of Operation: Transmitter Testing. 1,000 Watts, Non-Directional. Programming: Morse Code ID's, Sweep Tones, Voice ID. Notes: Transmitter audio chain testing.

Reception reports are desired via e-mail (first choice) and snail mail (only if e-mail is not available) Station would prefer to receive recordings of the test (MP3, CD, or cassette). Submit reports to: les@highnoonfilm.com. Please put "KEVA DX Test" in the subject line. All standard mail reports should go to: Les Rayburn, High Noon Film, 100 Centerview Drive Suite 111, Birmingham AL 35216.

Our thanks to Michael Richard of KEVA. The last KEVA test was widely heard throughout the US and gave many of us our first "WY" in the logs. Michael is also helping to arrange tests from other rare Western states. A true friend to the DXing hobby!

WWNH DX Test: Our friend, Paul Walker, has done it again! This time he's managed to secure a DX Test from his new employer, WWNH 1340kHz in Madbury, NH. This is a tough New England state for most of us, and we welcome the chance to put this into some logbooks. Please make a note of the date. Let's hear it for Paul!

WWNH 1340 Madbury, NH DX Test. Date: Late Sunday Night November 5th, 2006. Time: 10PM Eastern until 2:00AM Eastern Time. Test length is four (4) hours. Modes of Operation: Transmitter Testing. 1,000 Watts, Non-Directional. Programming: Morse Code ID's, Sweep Tones, Voice ID. Notes: Transmitter audio chain testing. Listen for station jingles, special music, and other wild card items that may be transmitted by Paul Walker. Don't discount the ability of graveyard stations to be heard during DX tests, as we've had widespread reports during some past tests. (KEVA in WY!)

Reception reports are desired via e-mail (first choice) and snail mail (only if e-mail is not available) Station would prefer to receive recordings of the test (MP3, CD, or cassette). Submit reports to: les@highnoonfilm.com. Please put "WWNH DX Test" in the subject line. All standard mail reports should go to: Les Rayburn, High Noon Film, 100 Centerview Drive Suite 111, Birmingham AL 35216. *SASE required for response

Our thanks to Paul Walker, Jr. and the staff of WWNH for this test! Paul has been responsible for a large number of tests during the past two seasons, and all of us owe him a lot of gratitude.

CE Michael Richard at KEVA 1240kHz would like to QSL directly for the upcoming DX test and also to provide verifications for last years test for anyone who did not receive their card. For last year's test, or the upcoming test, the QSL information is as follows: E-mail MP3 Recordings and/or details of the test to: michaelj@vcn.com. Postal Reports should be mailed to: Attn: Michael Richard, KEVA Radio, PO Box 190, Evanston Wyoming 82930. Please include a SASE for reply.

Again, the sincere thanks for the NRC/IRCA & others in the DXing community to Michael for not only arranging these tests, but also for QSLing directly.



WESTERN DX ROUNDUP

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

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: Each Friday. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (BB) **Bill Block** 7716 E. Thelma Dr.-Prescott Valley, AZ 86314 billwblock@msn.com
R-390A, HQ-140, FRG-7, 150, 100 and 55 foot long wires
- (DP) **Doug Pifer**-3410 Marion St. SE-Albany, OR 97322 oregon4wd@comcast.net
Drake R8B, Kiwa loop
- (RW) **Robert Wien**-7190 Abigail Pl.-Fontana, CA 92336-5752 rjwmail@webtv.net
GE Superadio, Select-A-Tenna

OF SPECIAL INTEREST

- 690 XERA/XETRA BCN, Tijuana 10/7 1400 checked their top of hour ID, they are NOT XEWR as previously posted in WDXR, they are still XERA/XETRA, IDing, very clear "equis-eh-erra-ah/equis-eh-teh-erre-ah" ID's. They are still W radio though, still affiliated with XEW radio. I'll add a blurb to my BI column as well for this update as I reported them in there as XEWR last time. (RW-CA)
- 540 KNMX NM, Las Vegas 10/11 2301 with "KNMX Las Vegas, New Mexico" ID, then into news. (BB-AZ)
- 620 KJOL CO, Grand Junction 10/8 2158 with ID. Lost at 2200, may have done a power change. (BB-AZ)
- 630 KHOW CA, Denver 10/8 2206 with "KHOW Denver" ID, very strong. (BB-AZ)
- 830 KMXE CA, Orange 10/8 0918 "AM 830" and then traffic report in Spanish. (BB-AZ)
- 840 WHAS KY, Louisville 10/13 0618 poor, clear ID by man under KXNT "8-40 WHAS" in a brief gap. (DP-OR)
- 1230 KJFK NV, Reno 10/9 1004 fair, man with call letters only, in mix. (DP-OR)
- 1360 KHNC CO, Johnstown 10/9 1900 fair to good with "You're listening to the American... (Freedom)... Network, KHNC 1360 Johnstown." New. (DP-OR)
- 1450 KNOT AZ, Prescott 10/7 0906 up briefly after ABC news with nice jingle ID "KNOT," faded under unID Fox news affiliate (see unID section), then both faded out to KFSD Escondido's classical music. First time heard on RS in Fontana, heard on a frequency check in San Jose in the 1980's. (RW-CA)
- 1510 KYDL CO, Denver 10/8 2211 with "KYDL Denver" ID. (BB-AZ)
- 1550 KXEX CA, Fresno 10/8 2300 "Sporting News Radio" ID. (BB-AZ)
- 1580 KBLA CA, Santa Monica 10/8 2358 with "This is KBLA" ID. (BB-AZ)
- 1600 KYBC AZ, Cottonwood 10/7 0915 faded up even over/under KAHZ, ID "AM 1600 is your home for America's favorite music on KYBC" then faded out. New, first time logged from anywhere! Checked out their website, and they are indeed NOS with these calls, (I think they were KVRD at one time.) (RW-CA)
- 1610 KGST CA, Fresno 10/8 2359 with ID in English, then ESPN in Spanish. (BB-AZ)
- HAR KNZ?orKMZ?-223(or233?) I did a search of the TIS data base & found a WQFH233 on 1610 in Oildale, CA active with 10 watts, that's fairly close to the Sierra foothills, perhaps that one? Nothing listed with a "223" in the name on the TIS search for CA on 1610. Other ideas? Loop bearing due N-S. 1610 is normally completely dead here day & night. (RW-CA)
- 1640 Talking House CA, Fontana 10/7 1410 talking house xmtr located somewhere near my house, fair signal at my house and poor-fair on car radio driving around my neighborhood, says this is a Talking House and to go to www.juanlopez.com to hear more info on the Talking House. Officially logged now, but difficult to verie, heh. (RW-CA)
- UNID**
- 1450 UNID 10/7 0908 unID faded up over KNOT with Fox News Radio, looped NE/SW. Possibilities are KTIP-CA, KZNU St. George, UT or KVSJ Show Low, AZ. Most likely one of the latter two due to loop bearing. Won't know definitely as could be any of them, will keep checking. (RW-CA)

Thanks to our reporters this week. Nancy 10/13 2100

NEWS • TALK
960 WERC

EASTERN DX ROUNDUP

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

E-mail: lfreshwater@cox.net

Deadlines: SATURDAY 8 am

STARS OF THE WEEK

- (RCE-IN) Rick Evans I/7416 Hearthstone Way Indianapolis IN 46227-7923
- (IEN-GA) Ira Elbert New Watkinsville, GA
DRAKE R-8B, 135' N/S LW, SANGEAN ATS 909

LOGGINGS

- 690 VA WZAP Bristol 1846-1856 10/9 w/Southern Gospel, good but fading, mixing with WOKV/WVOL. Power drop at 1900 with s/off type message asking those who lose the signal to "tune in again tomorrow." (rce-IN)
- 730 GA WSTT Thomasville 10/10/06 1900 Sign-off message. Good signal "...WSTT is signing off. 730 AM on your radio dial". (IEN-GA)
- MI WVFN East Lansing 10/10/06 1905 Sports news and information. Spot for high school football playoffs. Decent signal in the evening static. "Sportsradio 730, WVFN". (IEN-GA)
- 1050 MB CKSB St. Boniface 0630 10/10 fair-poor w/ FF, Radio Canada ID. (rce-IN)
- 1230 GA WFOM Marietta 10/09/06 1356 Bill O' Reilly show. Decent signal in the afternoon static. "...WFOM, Marietta...." (IEN-GA)
- 1410 WI WIZM LaCrosse 2209 10/12 fair w/talk. (rce-IN)
- 1420 PA WCED DuBois 1925-1935 10/10 strong w/ESPN, local promo for DuBois area. (rce-IN)
- 1570 TN WCLE Cleveland 2122 10/12 decent for a few minutes with Southern Gospel music. (rce-IN)

D X TESTS

- 1230 VA WODI Brookneal 10/01/06 0000 DX Test with sweeps, beeps and morse code cutting through the mix. Gone at 0005. (IEN-GA)

Thanks to Ira and Rick this week... The flu bug has hit, so I am going back to bed.0800 10-15-06 fresh

DX WORLDWIDE – WEST / TROPICAL BAND DX

Patrick Martin – P.O. Box 843 – Seaside OR 97138

E-mail: mwdxer@webtv.net

all times UTC

Greetings everyone,

It has been a mix of up and down solar numbers this week, but when they were down DX was very good. Even a bunch of TAs logged in the NW. So away we go.

TRANS ATLANTIC DX ROUNDUP

- 1134 **CROATIA**, Zadar Hrvatski Radio Oct 11 0334 Came up briefly with pop mx audio past 0341, male ancr. (NP-AB)
- 1215 **UNITED KINGDOM**, Virgin Radio synchros Oct 11 at 0425. Rock music with song by Rolling Stones. (NP-AB)
- 1269 **UNID**, Oct 11 0404. Man talking, sounded like news but too weak to ID language. (NP-AB)
- 1377t **FRANCE**, Lille, France Info, etc 0408 Oct 11 FF talk by man and woman fair, trying to find // web feed. Not //France Info at 0417. Earlier, a no go on France Inter. either. Excellent TA opening, collapsed by approx 0425 and completely gone by 0540. But at 0320, only a couple dozen channels without a TA carrier of one sort or another, and many of those had carriers when checked earlier. Counted at least 12 carriers on 1485! Most have only 1-3 carriers though. (NHP-BC)
- + Also noted France Lille Info Oct 11 0436. Weak but definitely a man speaking in FF. (NP-AB)
- 1422 **GERMANY**, Heusweiler DLF 0347 Oct 11. Woman talking, poor to fair in splash //756, sounded like German inflection, followed by brief musical interlude. Don't think I've ever heard 1422 and 756 probably not for 25+ years! (NHP-BC)
- 1548 **UNID** Oct 11 0337. Brief bits of instrumental music. (NP-AB)

PAN AMERICAN DX ROUNDUP

- 640 **CUBA**, CMBR Radio Progreso, Oct 8 0545 Cuban tropical mx, network ID, Good o/u KFI. New. (REW-HI)

920 **MEXICO**, Guadalajara, Jal. XELT Radio Amor Oct 9 0405 promo Radio Amor. (REW-HI)
 1160 **MEXICO**, San Quintin, BCN 10/6 1350 report on folk festival song & dances. (REW-HI)
 1180 **CUBA**, Villa Maria, Radio Rebelde CMBA 10/5 0510 tropical mx, 0610 sports discussion //5025 good. (REW-HI)
 1220 **BRAZIL**, Rio de Janeiro, ZYS458, Radio Globo 9/30 0600. (REW-HI)
 1260 **MEXICO**, Mexico DF La 12-60 XEL 10/5 0602 ID by man/woman. (REW-HI)
 1280 **BRAZIL**, Rio de Janeiro, ZYJ455, Radio Tupi 9/30 0440 ID by man. (REW-HI)
 1320 **MEXICO**, Mexico DF XEJD 10/5 0531 with time check. (REW-HI)
 1380 **CHILE**, Santiago, CB138 Radio Corporacion/Radio Portales 10/5 0525 with phone in show. (REW-HI)
 1410 **MEXICO**, Los Mochis, Sin. XECF Radio Mexicana 9/30 0554 full ID by man. (REW-HI)
 1560 **MEXICO**, UNID 10/1 0505 NA, 3 choral verses 0508 off. Carrier out. Probably in Central time zone. Help? Good o/KNZR and another ss (probably another XE.) (REW-HI)
 1620 **U.S. VIRGIN IS**, Frederiksted, WDHP 10/5 0606 BBC relay, ID BBC World news, Very good. BBC WS relay on WRRRA-1290. (REW-HI)

TRANS PACIFIC DX ROUNDUP

531 **AUSTRALIA**, Port Macquarrie, 2PM, good with news at 1401 UTC 10/11. Many NSW items. (PM-OR)
 540 **AUSTRALIA**, Longreach 4QL good and dominant at 1402 10/11. ABC News. (PM-OR)
 558 **JAPAN**, Kobe JOCR 10/10 1329 with piano mx and singing. (BB-AZ)
 558 **PHILIPPINES**, Pasag City, DZXL, good on top of JOCR for a time with man in Tagalog with ID as "D-Z-X-L" at 1410 10/11. (PM-OR)
 567 **JAPAN**, Sapporo JOIK 10/6 1324 Man in JJ //594. (NP-AB)
 567 **PHILIPPINES**, Filipino mainly u/jumble of Australia/Japan mix at 1414 10/11. (PM-OR)
 594 **PHILIPPINES**, Quezon City DZBB with ID by man (canned) "D-Z-B-B" into Tagalog 10/11 1416. (PM-OR)
 603 **PHILIPPINES**, UNID Filipino buried in jumble of weak signals at 1421 10/11. (PM-OR)
 612t **PHILIPPINES**, Cebu City DYHP presume the Filipino talk at 1419 10/11. (PM-OR)
 620 **ALASKA**, Homer KGTL Oct 10 1506 "Good morning, I'm... KGTL news. (REW-HI)
 648 **RUSSIA**, Vladivostok VOA Oct 9 1310 Talk by woman in KK some news clips in EE confirmed as VOA. (NP-AB)
 666 **JAPAN**, Osaka JOBK hrd 10/12 1315 w/man in JJ very poor. (BB-AZ)
 666 **PHILIPPINES**, Makati City (MM) DZRH fair on top of JJ with man in Tagalog at 1415 10/11 (PM-OR)
 675 **VIETNAM**, Hanoi, fair in splatter at 1430 10/11 with woman in Vietnamese. (PM-OR)
 680t **ALASKA**, Barrow KBRW, possibly the one u/CHFA with KNBR phased down playing Bob Dylan song Like a Rolling Stone at 0757 10/11. Sent e-mail to station and GM wrote back saying that it could have been them however the person that was on the air was gone for a few days. Using WNW EWE/SW EWE into phaser leaving a solid lobe to the N/NW with lots of other Alaskans strong at the same time. (PM-OR)
 693 **JAPAN**, Tokyo JOAB 10/10 1334 with man talking in JJ. (BB-AZ)
 700 **ALASKA**, Anchorage KBYR Oct 10 1425, Laura Ingraham Show, ID by man, "Smart Radio KBYR." (REW-HI)
 729 **PHILIPPINES**, UNID Filipino u/JOCK at 1445 10/11. (PM-OR)
 738 **AUSTRALIA**, Grafton 2NR 10/11 1316. In and out for about 30 minutes including talk about Australian political news at 1345. (NP-AB)
 770 **ALASKA**, Valdez KCHU 10/10 1440 NPR nx, promo. Good. (REW-HI)
 774 **JAPAN**, Akita JOUB 10/5 1256 EE language lesson. (NP-AB)
 780 **ALASKA**, Nome KNOM, 10/9 1345 with message about parenting quick mention of 43 degrees in Nome, then word for the day. (NP-AB)
 801 **GUAM**, Agana KTWG, good with ID by man going into hymn at 1400 10/11. (PM-OR)
 855 **PHILIPPINES**, man in Tagalog at 1417 10/11, Sounded like a second Filipino in there too. But too much splatter and QRM to make out an ID. Suspect DZGE/DXGO. DZGE was tentatively logged here back in the early 80s. (PM-OR)
 873 **D. R. KOREA**, KCBS 1325 10/10 Choral mx briefly fair //2850, soon taken over by JOGB, then both faded. (NHP-BC)
 873 **JAPAN**, Kumamoto JOGB, long talk by man in JJ then NHK ID and talk by woman. // to stronger 747 kHz. (NP-AB)
 891 **AUSTRALIA**, Adelaide 5AN Oct 11 1349 Discussion program //2310 about 1/2 second ahead. (NP-AB)
 891 **THAILAND**, Bangkok, fair with woman in Thai and usual chimes & gongs heard at 1415 10/11. (PM-OR)
 910 **ALASKA**, Galena KIYU, 10/10 1515, NPR, interviewing British woman. (REW-HI)
 918 **CHINA**, Shandong, good with woman in Cantonese at 1430, synchros with usual echo effect 10/11. (PM-OR)

920 **ALASKA**, Soldotna, Oct 10 1518 ad for 4WD ATV Alaska's leading dealer, mentioned "On KSRM talk radio..." (REW-HI)
 945 **CHINA**, Jiaohu CNR1 10/9 1328 woman & man in CC //5030 with slight delay. (NP-AB)
 981 **CHINA**, Changchun CNR1 Oct 9 at 1333 woman in CC //945. (NP-AB)
 1020 **ALASKA**, Eagle River KAXX Oct 10 1445 Brahms Classical piano, Good new. (REW-HI)
 1053 **JAPAN**, Nagoya JOAR Oct 8 1338. Program of Jazz mx with some talk by a woman and man in JJ. (NP-AB)
 1062 **PHILIPPINES**, Quezon City DZEC, good with man in Tagalog in passing several times. Noted at 1428 10/11. (PM-OR)
 1071 **JAPAN**, Hiroshima JOFK Oct 6 at 1322 Man in JJ //594. (NP-AB)
 1098 **UNID** Oct 5 1328 Weak signal but seemed to be an interview in EE but with Asian accent. (NP-AB)
 1116 **AUSTRALIA**, Brisbane 4BC Oct 11 at 1310 Regular phone-in program. (NP-AB)
 1134t **JAPAN**, Tokyo JOQR 1400 Oct 10 Man talking JJ prior to 3 and 1 pips on the hour. No ID hrd, signal was about equal to domestic splatter, KK likely underneath this. (NHP-BC)
 + Also noted 10/8 1323 In nicely for about 10 minutes with talk in JJ. (NP-AB)
 1170 **ALASKA**, North Pole KJNP Oct 10 1523 Weather for Central Alaska. (REW-HI)
 1179 **JAPAN**, Osaka JOOR 10/8 1309 Man and woman in what sounded like a play then JJ vocal. (NP-AB)
 1197 **JAPAN? UNID** 10/5 1310 Seemed to be JJ but listed stations on this frequency aren't too strong (NP-AB) (Nigel, the one on Hokkiado gets out very well for Ip. PM)
 1206 **CHINA** Oct 6 1311 Man & woman in KK Strong for a few minutes, then faded quickly. (NP-AB)
 1287 **JAPAN**, Sapporo JOHR Oct 6 1329 Man in JJ ID as "HBC Radio" at 1330 then talk between man & woman. (NP-AB)
 + One of the better JJs heard this morning. This one and JOQR 1134 seemed to be the best. JOAR was decent too. At 1423 10/11. Man & female in JJ. (PM-OR)
 1314 **JAPAN**, Osaka JOUB fair at 1515 10/11 with woman in JJ. (PM-OR)
 1422 **JAPAN? UNID** Oct 8 1315 A program of Classical mx In and out and finally out 1355. There was some talk between selections but but not come through well enough. (NP-AB)
 1503 **JAPAN**, Akita JOUK hrd 10/9 1322 with man in JJ. (BB-AZ)
 1557 **TAIWAN**, Kouhu, Family Radio may have been the one I hrd 10/9 1325 with man and woman talking but too weak to ID language. (BB-AZ)
 1566 **REP. KOREA**, HLAZ hrd 10/10 1315 with very good signals. (BB-AZ)
 1610 **HAWAII**, Honolulu WPZH377 10/9 0523 usual tape loop by woman with slight local accent on events at Hawaii Convention Center. Quite good audible again now that the local talking house is off the air. (REW-HI) (Thanks for passing this one along. Maybe a good one to try for here on the coast! PM)

QSLs

1700 **MEXICO**, Tecate, XEPE, rec. Full detail e-mail QSL in 2 days from Bill Lipis CE. E-mail address as blipsis@earthlink.net XE #29 QSL'd. (PM-OR)

THANKS TO THESE REPORTERS

BB-AZ **BILL BLOCK**, Prescott Valley AZ billwblock@msn.com
 DXing with R390A, 20X50X20 EWE, 150 foot LW, Quantum Phaser.
 NHP-BC **NICK HALL-PATCH**, 1538 Amphion St, Victoria BC V8R 4Z6 nhp@ieee.org
 DXing with Drake R8 w/north & west flag antennas, ALA 100 loop
 NP-AB **NIGEL PIMBLETT**, Dunmore AB ntp@shockware.com
 DXing with Kenwood R-5000, beverages, K9AY
 REW-HI **RICHARD E. WOOD**, HCR Box 11087, Keaau HI 96749
 DXing with R75, 350' NE and 175' NNE Long wires.
 PM-OR **PATRICK MARTIN**, PO Box 843, Seaside OR 97138-0843 mwdxer@webtv.net
 DXing with Drake R8, Drake SPR4, WNW EWE, SW EWE, Quantum Phaser, etc.

Composite Bandscan from GRAYLAND, WA, USA October 2-5, 2006

John H. Bryant, WiNRADiO 313E, 700' Beverage Antennas to NW and SW

Rather than submit classical loggings from a multiple-day DXpedition, I thought to experiment by using the bandscan format for most loggings and then to separately submit a handful of loggings of the most unusual or news-worthy catches. With luck, this format will be both shorter and more comprehensible. All loggings were from the dawn enhancement period or the three hours prior to that magic hour. JHB

531 **Japan** JOQG, NHK1, Morioka, Heard all four mornings, usually at moderate levels.
 540 **Japan** NHK2 Synchros, Noted beneath Nam stations on two of the four mornings.
 558 **Japan** JOCR, Kobe, Heard all four mornings with moderate level peaks.
 567 **Japan** JOIK, NHK1, Sapporo, Heard in fair to poor audio on all four mornings
 576 **Australia** 2RN Sydney, Heard just Oct 4 at fair level.

576 **Japan** NHK1 Synchros, Heard just Oct 5 at poor level.
585 **Japan** JOPG, NHK1, Kushiro, Heard just two mornings at fair/poor levels.
594 **Japan** JOAK, NHK1, Tokyo, Heard every AM, sometimes with near-studio quality.
603 **S. Korea** HLSA, Namyang, Presume this heard only on Oct 2 at fair level.
603 **Japan** NHK2 Synchros, Heard at poor level on Oct 5 only.
612 **Japan** JOLK, NHK1, Fukuoka, Heard only on Oct 4 and poorly at that.
639 **China** CNR1, Usually dominant here with sometimes excellent level. Heard 3 AMs.
639 **Japan** JOIP, NHK1, Oita, Heard here poorly one AM //594.
648 **Japan** JOIG, NHK1, Toyama, heard every AM o/u Russian transmitter at fair level.
648 **Russia** VOR/VOA Razdolnoye, Russian FE, Heard every AM, sometimes at good level.
657(low) **N. Korea** Pyongyang BS, Kangnam, Running lower than 657, as usual, fair/good level.
657 Henan BS, Zengzhou, Presumed this in USB at good level, Oct 2 only.
666 **Japan** JOBK, NHK1, Osaka, Heard every morning at sometimes very good level.
675 **Viet Nam** VOV, Hanoi, Noted just on Oct 5 with poor/fair level.
684 **N. Korea** Pyongyang BS, Samgo, Probably this noted just on Oct 2 at fair level.
693 **Japan** JOAB, NHK2 Tokyo, Heard all four mornings at very good levels.
702 **Japan** NHK2 Synchros, Noted each morning at fair/poor levels. Probably on Hokkaido.
702(high) **N. Korea** KCBS, Chongjin, Likely this noted at 702.06 most AMs.
729 **Japan** JOCK, NHK1, Nagoya, Noted at good level, but only on Oct 4.
747 **Japan** JOIB, NHK2, Sapporo, Dominant here all four AMs, sometimes studio level.
774 **Japan** JOUB, NHK2, Akita, Dominant here all four AMs, sometimes studio level.
828 **Japan** JOBB, NHK2, Osaka, Dominant here all four AMs, sometimes studio level.
855 **China** CNR2, Presume this heard two mornings on the .00 frequency, fair signal.
855(high) **N. Korea** Pyongyang, Bangsong, Every morning, always on the high side. Fair/good.
864 **Japan** HBC Synchros//1287, Hokkaido, Noted here at fair level Oct 4 only.
873 **Japan** JOGB, NHK2, Kumamoto, Every morning over/under new N. Korean. Fair to good.
873 **N. Korea** KCBS, Heard every AM, mixing w/JOGB, usually stronger.
891 **Thailand** R. Thailand, Nong Kei, Heard Oct 4 & 5 at fair/good level late after dawn.
936 **China** R. Anhui, Hefei, Noted every morning at good levels.
945 **China** CNR1, Noted every morning at good levels.
954 **Japan** JOKR, Tokyo, Noted every morning at good levels.
963 **China** CRI Russian Service, Noted every morning at good levels.
972 **S. Korea** HLCA, Dangjin, Noted every morning at excellent levels.
981 **China** CNR1, Noted every morning at good levels One AM w/strong echo.
1008 **Japan** JONR, Osaka, Noted each morning, but rarely at more than fair level.
1017 **China** CRI Korean Service, Changchun, Noted every morning at good levels.
1026 **UnID** CC Station here Oct 2 & 4. Most likely Beijing Economic, tho' maybe Fujian.
1035 **China** CNR1, Noted every morning at good levels.
1044 **China** CRI Japanese Service, Noted every morning at good levels.
1053 **JOAR**, Pyongyang & S.Kor. Jammer all mixing each morning, sometimes good.
1071 **Japan** JOFK, NHK1, Hiroshima, Heard Oct 2 only, //594, poor level.
1125 **Philippines** DXGM, Davao City, Heard well only on Oct 5.
1134 **Japan** JOQR, Tokyo, Noted every morning at moderate levels.
1143 **UnID** CC Station, Probably Taiwan Fisheries Heard Oct. 2 at moderate level.
1152 **Japan** NHK2 Synchros, Heard Oct 4 & 5 at moderate level.
1170 **S. Korea** HLSR, Gimje, Presume this one, heard Oct 5 only.
1179 **Japan** JOOR, Osaka, Heard Oct 4 & 5 only at fair level.
1188 **Japan** JOKP, NHK1, Kitami, Heard Oct 5 only at good level.
1188 **S. Korea** HLKX, Incheon, Presume this 3 mornings in CC with fair level.
1197 **Japan** JOWL, Ashikawa, Noted every morning at good levels.
1206(low) **China** CRI KK Service, Yanji, Noted every morning at good levels.
1215 **China** CNR-7 Guangdong, Heard each AM, usually peaks earlier. Is "The Hummer."
1242 **Japan** JOLF, Tokyo, Noted every morning at good levels.
1251 **Russia** VOR/VOA Ussuriysk, Russia FE, Heard several AMs, best on Oct 5.
1278 **UnID** CC, poss. Hebei #1, China Heard Oct 2 & 3 at fair level.
1278 **Japan** JOFR, Fukuoka, Noted with fair signal, Oct 4.
1287 **Japan** JOHR, Sapporo, Noted every morning at good levels.
1296 **Japan** JOTK, NHK1, Matsue, Each AM, usually mixing with Taiwan (??)
1305 **UnID** KK, pres. HLSV, Ulgin, S. Korea Oct 3 only. Fair/Poor.
1314 **Japan** JOUF, Osaka, Heard here at poor level on Oct 5 only.
1323 **China** CRI Russian Service, Noted every morning at good levels.
1332 **Japan** JOSF, Tokyo, Noted every morning at good levels.
1377 **China** CNR1, Noted every morning at good levels.
1386 **Japan** NHK2 Synchros, Noted every morning at fair levels.
1386 **UnID** CC, Poss. Tianjin, China Heard several AMs, mixing with NHK Synchros.
1413 **Japan** JOIF, Fukuoka, Noted every morning at fair levels.
1422 **Japan** JORF, Yokohama, Noted every morning at good levels.

1440 **Japan** JOWF, Sapporo, Noted every morning at excellent levels.
1467 **Japan** NHK2 Synchros, Noted every morning at fair levels.
1503 **Japan** JOUK, NHK1, Akita, Noted every morning at good levels.
1512 **Japan** NHK2 Synchros, Heard at fair level, Oct 2 & 3.
1548 **Australia** 4QD, Emerald, Heard at moderate level on Oct 3 & 4.
1557 **Taiwan** WYFR, Family Radio, Heard well Oct 2 only.
1566 **S. Korea** HLAZ, Cheju Island, Noted every morning at excellent levels.
1575 **Thailand** VOA, Noted every morning at good to excellent levels.
1593 **China** CNR1, Noted every morning at good levels.
1602 **Japan** NHK2 Synchros Noted every morning at fair levels.

Totals: Japan (43), China (15), S. Korea (5), N. Korea (5), Russia (2), Australia (2), Thailand (2), Viet Nam (1), Philippines (1), Taiwan (1)

DX FORUM

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

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DEADLINES: Sundays

Deadlines: 10/21, 10/28, 11/4, 11/11, 11/18, 11/25, 12/2, 12/9, 12/23, 12/30, 1/6 and 1/13

Eric Bueneman (N0UIH), 631 Coachway Lane, Hazelwood, Missouri 63042-1347

Bad news on the digital front, as WSDZ 1260 Belleville, IL has adopted this unproven and spectrally inefficient technology. It has wreaked havoc on 1240, making WTAX and KFMO much harder to hear. KYRO 1280 Potosi, MO is no longer audible during the day at my shack; they had a fair signal before WSDZ went digital. The nighttime signal is barely audible; several other stations make it through WSDZ at night. On the FM side, KFTK 97.1 has also added this unproven technology; the station broadcasts an extreme right wing talk format. KFUE 850 Clayton, MO switched off their digital service for a few days in early October, allowing me to pull in KOTC 830 Kennett, MO during the day; I note that KOTC is still broadcasting Classic Country in the proven C-QUAM AM Stereo format. It also allowed me to hear a clearer signal from WIJR 880 Highland, IL (ex-WCBW); the station's music seems to be Regional Mexican in nature. This is the St. Louis area's first full-time Spanish language radio station; how long it will last depends on how long KFUE 850 will continue to broadcast a spectrally inefficient signal, interfering with WIJR's signal. WWOX 1510 (also in Highland) is still stunting with '50s and '60s Oldies; they're calling themselves "The Voice of the Metro East". The station is owned by an outlet called Insane Broadcasting Company; how insane is it? The general manager and morning personality is a convicted felon who has served time in federal prison; one of the talk shows in the station's lineup is the one hosted by convicted Watergate conspirator G. Gordon Liddy. The format apparently is an "in your face" type of talk radio, similar to Jerry Springer's television show. It will be interesting to see how this brand of talk radio does. There's also been a format change at WVRV 101.1 (licensed to East St. Louis, IL); the station has dumped its long-running Modern Adult Contemporary format and adopted a format called Rhythmic Adult Contemporary; it's a variation on AC focused on dance music. Unfortunately, the digital signal is back on at what is now "Movin'"; there is little discernible Stereo separation. That's the problem with digital radio: on the AM side, it wipes out a huge chunk of valuable spectrum space, while Stereo separation is severely reduced on the FM side, sometimes to the point where it's practically broadcasting in mono, while transmitting a Stereo pilot tone. Modern AC, a form of Adult Contemporary focused on light Modern Rock, still airs on KCLC 89.1 St. Charles, MO. KATZ 1600 has had a marginal nighttime signal as of late; this has allowed me to hear WCGO Chicago Heights, IL every night. WIL 1430 has also had a marginal night signal since they returned to Classic Country from Adult Standards in the summer of 2005; this has allowed me to pull in Indianapolis almost every night. An excellent FM and TV DX season kept me pretty much away from the AM dial; but I started back on my road to my next milestone, 1,100 stations, on August 14 by logging WMLB 1690 Avondale Estates, GA for a call letter change, noting Classical Music and "The Voice of the Arts" slogan at 2138 ELT; this is ex-WWAA for me. The format and slogan were used on WGKA 1190 Atlanta, GA until the early 1990s. On September 20, I got a big surprise on 1450 by hearing WGNS Murfreesboro, TN with local ads and mention of the city of license (pronounced "Murphysboro") at 2128 ELT. WBOG 1460 Tomah, WI was noted with Oldies, "Oldies Radio" mention and local ads at 2132. Noted WRLI 1690 Berwyn, IL with talk, including a mention of Radio One o&o WAMJ 102.5 Mableton, GA, and a promo for a financial seminar in Chicago. If WVON has moved here from 1450 in Cicero, would that allow WCEV to go full-time? I also noted CKDO 1580 Oshawa, ON with Oldies and a local PSA at 2222; I also noted them on 1350 back in 1996. During the Convention weekend, I noted a tentative on WIZE 1340 Springfield, OH on September 23 at 0020 with Fox Sports Radio and network ads. The signal wasn't strong enough to discern the locality of the ads or a legal ID, however. Cuba was noted on 610 (Bahia Honda) and 620 (Colon) with Radio Rebelde programming at 2135 on September 24; the SW outlet on 5025 had a good signal. October 1 allowed me to log WKRD 790 (ex-WXXA) Louisville, KY with "NASCAR Today" and local ads at 2010. KKOW 860 Pittsburg, KS was noted for the first time in

several years at 2022 with Classic Country and "Classic Country 860 AM KKOW" slogan; CJBC was nulled with KFUE operating in analog with much improved sound quality. October 2 brought late afternoon reception from KCJJ 1630 Iowa City, IA and KXTR 1660 Kansas City, KS; I also noted a station with Fox Sports Radio, local PSA, "The new 1360, the Ticket" slogan and news items mentioning Iowa City. I'm thinking KMJM Cedar Rapids. Another new station was noted on October 2 with WNRG 940 Grundy, VA with Southern Gospel music at 2025; they aired a legal ID at 2030. October 3 also brought a call letter change with WWLV 1620 South Bend, IN noted with legal ID, local ads and Adult Contemporary music at 2230, through WTAW, which was broadcasting power outage reports, as a storm blew through the Bryan and College Station area. This month, I'm passing three milestones: fourteen years as a Ham (October 6), 40 years on this earth (October 14), and a quarter of a century as a DXer (October 21). 73 and good DX, Eric (N0UIH)

Art Peterson, 851 31st Street, Richmond, California 94804

Recently returned from a 1570-mile bicycle tour through 13 states in the Midwest. Had my Sony ICF-2002 with me, but didn't really try to DX beyond some casual bandscans -- too much manmade and natural noise in places I stayed. During my stay in Memphis, however, I drove a rental pickup south through western Mississippi in the predawn hours one day. When WMC-790 started breaking up, I hit the scan button. It stopped on 820 -- WBAP! Then up to WHAS, WWL, WLS, WHO, KMOX, WOAI, XERF, WSM, WSB, and many other old friends on the radio dial. It was almost like DXing in California in the old days. Such a delightful distraction that I had to keep reminding myself that my first duty was to concentrate on driving. Nothing spectacular DX-wise, but it did bring back memories of the excitement I felt when I first logged them back in the '60s. 73 and good DX

Richard E. Wood, HCR3, Box 11087, Keaau, Hawaii 96749-9221

October 1 was a n exciting night - the logging of a flea-powered Coloradoan which is probably my best U.S. mainland catch since I reactivated 11/05; the first reception of the season from a station in the U.S. Northeast Corridor; and the implementation of the previously-announced flip of two Honolulu stations. In late Sept., I had noticed ESPN sportstalk programming on 1010 but was busy on other frequencies at TOH. I had never even considered it a possibility because of its listed power of 280 watts, but, lo and behold, the ID came: KSIR, announcing as Fort Morgan-Sterling, CO, rather than the listed city (village?) of license, Brush. And all at booming strength. That, and several 400-watt catches from Australian X-banders, shows that superpower isn't necessary for kilomile catches, even on today's crowded band. 10/1 was a night of long skip. The usual hour or so of SSS which weakens Honolulu (to my northwest) and brings stations to the east in loudly just kept going all evening. The best result was that KZOO-1210 stayed weak, or absent, while WPHT-1210 PA was dominant. That brought back pleasant memories, because WPHT's predecessor WCAU was the first U.S. catch (and second TA catch after Brazil-1220), in October 1956 when I began DXing. I tried hard for WBZ-1030 and the NYC'ers but not that night. Finally, KHCM-1180 HI has switched with KORL-690. KHCM-690 remains C&W, though only C&W oldies were noted during my limited listening time, while KORL-1180 remains ethnic, including Chinese, Japanese, Samoan and Filipino. Conditions were so good that WHAS-840 again dominated 840 for the first time since KMPH-840, a CA powerhouse here, came on the air, and CKMO-BC became my first North American on 900 since I reactivated. Usually dominant KNUI-900 was weak. (Richard, did the earthquake on 10/15 affect you there? News reports showed it was really felt on the Big Island but didn't seem to mention the other islands--rce)

Mike Sanburn, P. O. Box 1256, Bellflower, California 90707-1256 mikesanburn@hotmail.com

Well, the Seaside, OR IRCA convention was a lot of fun. Thanks to Pat Martin for hosting it. We had a couple really awesome tours of both KSWB-840 in Seaside and KAST-1370 in Astoria. KSWB was directly across the river from our hotel and I had their oldies format going on the clock radio most of the time. The 2 self-supporting towers of KAST right on the river bank made some very dramatic photo opportunities. Speaking of tower photos, I was glad to buy the 2007 tower-site calendar from Scott Fybush. Those are available now to all at his website: www.fybush.com. It was a blast getting to visit Pat's home, and being able to see his beverage antenna up close and personal. I got to meet Neal Kazaross for the first time. He and Tim Hall, together, were responsible for some of the greatest DXing ever done in Southern California back in the early '90s. I still remember reading those round-ups. The IRCA banquet at the Pig n' Pancake Restaurant was delicious. (I had the ground-round steak.) Back at the hotel, I was Phil's co-pilot for the auction. We sold it all! Hope everybody got a souvenir. I understand Bob Wien and others have linked many of their convention photos to the IRCA website. Give them a look. One of our members is hoping to host another IRCA convention in the northwest in a few years. I say go for it--the DX is fine! I made it back home via Alaska Airlines and earned enough miles for a future DX trek. Let the season begin. 73.

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

And the season has begun, hi. I finally dug out the Radio Canada ID on 1050, so it was my fifth Manitoba station here in CKSB-1050. And... Neil Wolfish reported in the NRC's DX News hearing CMHW-840 Santa Clara, Cuba within a few days of when I heard the station when WHAS was off because of the rain storm that Saturday in September, so I can take 840 off my "only one station heard on the frequency list". I also caught WVOP-970 Vidalia, GA (great sweet onions from there) for a town I've been thru several times and WZAP-690 Bristol, VA which made me think of my

grandmother. She was married in Bristol, TN because she was too young to get married in VA at the time. Other new catches were WCLE-1570 TN and WIZM-1410 WI for one of my nuisance stations 19 years ago when I was living up in Rapids. 18 years after I left that town, I still find myself wishing I was back there because of the DX. Only 3 stations within 20 miles and 11 within 50 miles (of which two were graveyarders and most of the rest were daytimers). I am now up to 707 heard here. As I type this, I have two stations on 1140 I am wondering about--and they aren't WRVA. No more games for Detroit until Saturday so I will be able to work SSS. See you in seven days. 73.

SPORTS ON RADIO

Compiled by: **Bob Pietsch** (aka *The Rocklin Rocket*)

E-mail: robert@pietschs.net

2006 COLLEGE FOOTBALL NETWORKS - PURDUE BOILERMAKERS

(per purduesports.cstv.com/genrel/091100aaa.html)

860-WMRI-Marion IN	94.3-WKWH-Rushville IN
930-WHON-Centerville IN	95.3-WSHP-Brookston IN (Flagship)
1130-WSDX-Brazil IN	95.3-WNDI-Sullivan IN
1230-WJOB-Hammond IN	95.9-WEFM-Michigan City IN
1230-WSAL-Logansport IN	96.7-WFML-Vincennes IN
1260-WNDE-Indianapolis IN	96.9-WKLO-Hardinsburg IN
1280-WGBF-Evansville IN	97.7-WLQI-Rensselaer IN
1340-WBIW-Bedford IN	98.3-WZZY-Winchester IN
1350-WIOU-Kokomo IN	98.5-WQKZ-Ferdinand IN
1380-WKJG-Fort Wayne IN	98.5-WACF-Paris IN
1540-WBNL-Boonville IN	102.3-WBTO-Petersburg IN
1540-WLOI-La Porte IN	103.1-WHME-South Bend IN
1550-WNDI-Sullivan IN	103.5-WAWC-Syracuse IN
1600-WARU-Peru IN	103.9-WIMC-Crawfordsville IN
	107.3-WRZQ-Greensburg IN
92.7-WZBD-Berne IN	

2006 COLLEGE FOOTBALL NETWORKS - SOUTH CAROLINA GAMECOCKS

(per graphics.fansonly.com/photos/schools/scar/genrel/auto_pdf/tv-radio-affiliates.pdf)

860-WLBG-Laurens SC	94.3-W232AX-Rock Hill SC (Translator WRHM-107.1)
920-WYMB-Manning SC	95.5-WIBZ-Wedgefield SC
950-WORD-Spartanburg SC	99.5-WBXY-La Crosse FL
1240-WKDK-Newberry SC	99.5-WRNN-Socastee SC
1250-WTMA-Charleston SC	100.1-WWFN-Lake City SC
1320-WISW-Columbia SC	102.7-WPUB-Camden SC
1330-WYRD-Greenville SC	103.1-WRIX-Honea Path SC
1350-WLMA-Greenwood SC	105.1-WGFG-Branchville SC
1400-WGTN-Georgetown SC	105.3-WAGI-Gaffney SC
1460-WBCU-Union SC	106.7-WTCB-Orangeburg SC
1500-WEAC-Gaffney SC	107.1-WRHM-Lancaster SC
92.7-WKSX-Johnston SC	107.3-WVSZ-Chesterfield SC
92.9-WZLA-Abbeville SC	107.5-WKNT-St. George SC
93.5-WDOG-Allendale SC	
93.7-WALI-Walterboro SC	

2006 COLLEGE FOOTBALL NETWORKS - SOUTHERN ILLINOIS REDBIRDS

(per goredbirds.cstv.com/sports/m-footbl/spec-rel/radio-affiliates.html)

1230-WJBC-Bloomington IL (Flagship)	98.9-WJEZ-Dwight IL
1280-WBIG-Aurora IL	
1490-WZOE-Princeton IL	

2006 COLLEGE FOOTBALL NETWORKS - SOUTHERN MISSISSIPPI GOLDEN EAGLES

(per southernmiss.cstv.com/isp/radio.html)

990-WABO-Waynesboro MS	96.7-WFFF-Columbia MS
1060-WKMQ-Tupelo MS	98.9-WLKO-Quitman MS
1180-WJNT-Pearl MS	100.7-WDMS-Greenville MS
1440-WRBE-Lucedale MS	103.1-WMBC-Columbus MS
1450-WFFX-Meridian MS	103.3-WJNT-FM1-Pearl MS (Repeater for 1180-WJNT)
1450-WNAT-Natchez MS	104.5-WXRR-Hattiesburg MS
1450-WROB-West Point MS	105.5-WNLA-Indianola MS
1480-WABB-Mobile AL	105.5-WABO-Waynesboro MS
1490-WTUP-Tupelo MS	105.7-WAKH-McComb MS
91.7-WAOY-Gulfport MS	106.9-WRBE-Lucedale MS
96.5-WXHB-Richton MS	

2006 COLLEGE FOOTBALL NETWORKS - TENNESSEE VOLUNTEERS

(per utsports.cstv.com/ot/radio_fbc.html)

600-WCVP-Murphy NC
600-WREC-Memphis TN
710-WTPR-Paris TN
730-WLIL-Lenoir City TN
910-WEFG-South Pittsburg TN
920-WLIV-Livingston TN
950-WAKM-Franklin TN
960-WERC-Birmingham AL
970-WNIV-Atlanta GA
990-WNML-Knoxville TN
1050-WWIC-Scottsboro AL
1150-WCRK-Morristown TN
1230-WABN-Abingdon VA
1240-WENK-Union City TN
1270-WLIK-Newport TN
1280-WMCP-Columbia TN
1310-WDXI-Jackson TN
1340-WGRV-Greeneville TN
1340-WCDT-Winchester TN
1400-WLTA-Alpharetta GA
1400-WJZM-Clarksville TN
1400-WKPT-Kingsport TN
1400-WZNG-Shelbyville TN
1410-WCMT-Martin TN
1420-WEMB-Erwin TN
1420-WKSR-Pulaski TN
1440-WZYX-Cowan TN
1450-WTRO-Dyersburg TN
1450-WGNS-Murfreesboro TN
1480-WJLE-Smithville TN
1490-WOPI-Bristol TN
1490-WJLM-Lewisburg TN
1510-WLAC-Nashville TN
1520-WHHQ-Elizabethton TN
1570-WTRB-Ripley TN
1590-WKTP-Jonesborough TN
92.7-WBZH-Harriman TN

2006 COLLEGE FOOTBALL NETWORKS - TEXAS LONGHORNS

(per www.mackbrown-texasfootball.com/index.php?s=&url_channel_id=33&url_subchannel_id=&url_article_id=6128&change_well_id=2)

600-KTBB-Tyler TX
610-KILT-Houston TX
660-KSKY-Balch Springs TX
740-KCMC-Texarkana TX
750-KAMA-El Paso TX
850-KJON-Carrollton TX (a)
860-KFST-Fort Stockton TX
1150-KZNE-College Station TX
1200-WQAI-San Antonio TX
1230-KERV-Kerrville TX
1240-KVLF-Alpine TX
1240-KSOX-Raymondville TX
1260-KSML-Diboll TX
1260-KKSA-San Angelo TX
1260-KWNX-Taylor TX (a)
1290-KIVY-Crockett TX
1300-KVET-Austin TX
1300-KLAR-Laredo TX (a)
1310-KKNS-Corralles NM (a)
1340-KOLE-Port Arthur TX
1380-KRCM-Beaumont TX
1380-KFNI-Pleasanton TX (a)
1400-KREW-Plainview TX
1400-KVOU-Uvalde TX
1410-KRIL-Odessa TX
1410-KBAL-San Saba TX

93.5-WKBQ-Covington TN
93.5-WKWX-Savannah TN
93.7-WKTB-Atwood TN
94.3-WJLM-Lewisburg TN
94.7-WGSQ-Cookeville TN
95.1-WCDZ-Resden TN
95.3-WTBS-Brownsville TN
95.9-WRJB-Camden TN
96.5-WBFG-Parker's Crossroads TN
96.7-WMOD-Bolivar TN
96.7-WNKX-Centerville TN
97.3-WKJQ-Parsons TN
98.3-WKSR-Pulaski TN
101.3-WECO-Wartburg TN
101.5-WFTZ-Manchester TN
101.7-WKOM-Columbia TN
101.7-WTPR-McKinnon TN
101.7-WJLE-Smithville TN
102.1-WLCT-Lafayette TN
102.5-WOWF-Crossville TN
103.1-WMXX-Jackson TN
103.1-WIKQ-Tusculum TN
104.1-WCLE-Calhoun TN
104.1-WUCZ-Carthage TN
104.7-WLIV-Monterey TN
104.9-WKOS-Kingsport TN
104.9-WQLA-La Follette TN
105.5-WYTM-Fayetteville TN
105.5-WBNT-Oneida TN
105.9-WNRQ-Nashville TN
106.5-WSKZ-Chattanooga TN
106.7-WDXE-Lawrenceburg TN
107.3-WKSP-Spencer TN
107.7-WIVK-Knoxville TN
107.7-W299AE-McMinnville TN (Translator WKPZ-107.3)

1420-XEF-Ciudad Juarez CHIH (a)
1440-KPUR-Amarillo TX
1440-KEYS-Corpus Christi TX
1450-KMBL-Junction TX
1450-KMHT-Marshall TX
1480-KLVL-Pasadena TX (a)
1490-KBST-Big Spring TX
1490-KWUD-Woodville TX
1510-KMND-Midland TX
1530-KGBT-Harlingen TX (a)
1580-KTLU-Rusk TX
1590-KGAS-Carthage TX
1590-KRQX-Mexia TX (a)
1600-KOGT-Orange TX
92.5-KZRC-Markham TX
95.9-KCKL-Malakoff TX
96.9-KXYL-Brownwood TX
98.1-KVET-Austin TX
99.9-KSHN-Liberty TX
103.9-KMHT-Marshall TX
104.3-KGAS-Carthage TX
104.9-KWGW-Mexia TX
106.3-KKHR-Abilene TX

(a) Spanish

2006 COLLEGE FOOTBALL NETWORKS - TEXAS A&M AGGIES

(per www.aggieathletics.com/index2.php?&catID=BCST&pageID=671)

560-KLVI-Beaumont TX
580-KRFE-Lubbock TX
710-KURV-Edinburg TX
760-KTKR-San Antonio TX
790-KBME-Houston TX
810-KSJL-Somerset TX
900-KPYN-Atlanta TX
940-KTON-Belton TX
960-KGKL-San Angelo TX
970-KIXL-Del Valle TX
1010-KBBW-Waco-Marlin TX
1190-KFXR-Dallas TX
1220-KMVL-Madisonville TX
1230-KSST-Sulphur Springs TX
1240-KVLF-Alpine TX
1280-KSLI-Abilene TX
1280-KWHI-Brenham TX
1290-KWFS-Wichita Falls TX
1330-KSWA-Graham TX
1340-KRHC-Burnet TX
1340-KRBA-Lufkin TX
1340-KVNN-Victoria TX
1360-KACT-Andrews TX
1360-KKTX-Corpus Christi TX
1390-KULP-El Campo TX

1400-KVOU-Uvalde TX
1410-KBAL-San Saba TX
1450-KCTI-Gonzales TX
1450-KMHT-Marshall TX
1490-KBST-Big Spring TX
1490-KWMC-Del Rio TX
1490-KLNT-Laredo TX
1490-KYZS-Tyler TX
1500-KBRN-Boerne TX
1550-KZRK-Canyon TX
1550-KCOM-Comanche TX
1590-KGAS-Carthage TX
1620-WTAW-College Station TX (Flagship)
92.1-KHOS-Sonora TX
92.9-KBKH-Shamrock TX
93.5-KBHT-Crockett TX
93.5-KOOK-Junction TX
94.3-KFST-Fort Stockton TX
94.3-KRVL-Kerrville TX
94.3-KYXX-Ozona TX
99.9-KMOO-Mineola TX
102.3-KXCT-Coleman TX
104.9-KBUK-La Grange TX
106.1-KBAL-San Saba TX

2006 COLLEGE FOOTBALL NETWORKS - TEXAS TECH RED RAIDERS

(per texastech.cstv.com/sponsorship/radio-affiliates.html)

600-KTBB-Tyler TX
690-KPET-Lamesa TX
740-KTRH-Houston TX
760-KTKR-San Antonio TX
790-KBME-Houston TX
810-KSJL-Somerset TX
860-KPAN-Hereford TX
910-KNAF-Fredericksburg TX
950-KPRC-Houston TX
990-KSVP-Artesia NM
1090-KVOP-Plainview TX
1240-KVLF-Alpine TX
1240-KXIT-Dalhart TX
1260-KWNX-Taylor TX
1340-KKAM-Lubbock TX
1360-KACT-Andrews TX
1380-KHEY-El Paso TX
1420-KGNB-New Braunfels TX
1450-KCYL-Lampasas TX
1460-KHFX-Burleson TX
1490-KYZS-Tyler TX

1490-KVWC-Vernon TX
1530-KZNX-Creedmore TX
1590-KEAS-Eastland TX
92.9-KDCD-San Angelo TX
94.5-KFMX-Lubbock TX
95.3-KHYI-Howe TX
95.7-KPER-Hobbs NM
95.7-KBST-Big Spring TX
96.9-KXYL-Brownwood TX
96.9-KMCM-Odessa TX
97.1-KVRP-Haskell TX
97.7-KATX-Eastland TX
100.3-KOMX-Pampa TX
101.9-KATP-Amarillo TX
101.9-KACQ-Lometa TX
103.1-KVWC-Vernon TX
105.3-KLSR-Memphis TX
105.5-KACT-Andrews TX
106.3-KPAN-Hereford TX
106.3-KSEM-Seminole TX

2006 COLLEGE FOOTBALL NETWORKS - TEXAS-EL PASO MINERS

(per utepathletics.com/SportSelect.dbm?DB_OEM_ID=2100&KEY=&SPID=635&SPSID=10314)

1150-KSVE-El Paso TX (Spanish Flagship)
92.3-KOFF-El Paso TX (Flagship)

100.7-KFGL-Abilene TX

2006 COLLEGE FOOTBALL NETWORKS - TROY TROJANS

(per www.troytrojans.com/uploads/06MG_Section-I.pdf)

540-WDAK-Columbus GA
550-WASG-Atmore AL
710-WPMI-Mobile AL
1070-WAPI-Birmingham AL
1240-WULA-Eufaula AL
1290-WOPP-Opp AL
1310-WHEP-Foley AL
1340-WFEB-Sylacauga AL
1360-WMFC-Monroeville AL
1400-WANI-Opeika AL

1490-WHBB-Selma AL
93.9-WQSI-Union Springs AL
94.7-WTBF-Brundidge AL (Flagship)
96.1-WQKS-Montgomery AL
97.9-WRVX-Eufaula AL
99.3-WMFC-Monroeville AL
101.1-WZTZ-Elba AL
103.9-WJRL-Fort Rucker AL

2006 COLLEGE FOOTBALL NETWORKS - TULANE GREEN WAVE(per graphics.fansonly.com/photos/schools/tul/sports/m-footbl/auto_pdf/weekly-release.pdf)

690-WIST-New Orleans LA (Flagship)	1410-KDBS-Alexandria LA
960-KROF-Abbeville LA	
1210-WSKR-Denham Springs LA	92.7-KWJM-Farmerville LA
1340-KRMD-Shreveport LA	104.7-WJSH-Folsom LA
1400-KAOK-Lake Charles LA	

2006 COLLEGE FOOTBALL NETWORKS - TULSA GOLDEN HURRICANE(per graphics.fansonly.com/photos/schools/tuls/genrel/auto_pdf/GHSPMediaKit2006.pdf)

740-KRMG-Tulsa OK (Flagship)	1600-KUSH-Cushing OK
1240-KOKL-Okmulgee OK	
1390-KCRC-Enid OK	104.9-KRIG-Nowata OK

2006 COLLEGE FOOTBALL NETWORKS - UTAH STATE AGGIES(per utahstateaggies.cstv.com/sports/m-footbl/spec-rel/091106aaa.html)

610-KVNU-Logan UT	1320-KFNZ-Salt Lake City UT
1230-KJQS-Murray UT	

2006 COLLEGE FOOTBALL NETWORKS - VANDERBILT COMMODORES(per vucommODOres.com/info/radio)

790-WQSV-Ashland City TN	1400-WJZM-Clarksville TN
990-KWAM-Memphis TN	1450-WTKI-Huntsville AL
1110-WSLV-Ardmore TN	1480-WJLE-Smithville TN
1220-WAXO-Lewisburg TN	
1240-WEKR-Fayetteville TN	101.5-WFTZ-Manchester TN
1310-WDOT-Chattanooga TN	101.7-WJLE-Smithville TN
1340-WCDT-Winchester TN	104.5-WGFX-Gallatin TN (Flagship)

2006 COLLEGE FOOTBALL NETWORKS - VIRGINIA CAVALIERS(per virginiasports.cstv.com/audio/va-vsn-affiliates.html)

570-WTNT-Bethesda MD	97.5-WWWV-Charlottesville VA
610-WTFX-Winchester VA	97.7-WRIC-Richlands VA
850-WTAR-Norfolk VA	97.9-WZZU-Lynchburg VA
860-WEVA-Emporia VA	100.9-WIQO-Covington VA
1070-WINA-Charlottesville VA	101.3-WZFM-Narrows VA
1140-WRVA-Richmond VA (Flagship)	101.5-WZZI-Vinton VA
1370-WHEE-Martinsville VA	105.5-WRAR-Tappahannock VA
1440-WKLV-Blackstone VA	106.3-WMNA-Gretna VA
94.3-WTON-Staunton VA	

2006 COLLEGE FOOTBALL NETWORKS - VIRGINIA MILITARY INSTITUTE KEYDETS(per www.collegesportingnews.net/Sites/VMI1/articles/artfiles/79787_06FBMediaGuide-Pages1-16.pdf)

990-WLEE-Richmond VA	96.7-WWZW-Buena Vista VA (Flagship)
1410-WRIS-Roanoke VA	

2006 COLLEGE FOOTBALL NETWORKS - VIRGINIA TECH HOKIES(per www.hokiesports.com/radio/stations.html)

540-WGTH-Richlands VA	92.7-WFHG-Abingdon VA
790-WNIS-Norfolk VA	93.5-WBBC-Blackstone VA
910-WRNL-Richmond VA	95.3-WBX-Rural Retreat VA
980-WTEM-Washington DC	95.9-WGRQ-Colonial Beach VA
980-WFHG-Bristol VA	100.1-WKQY-Tazewell VA
1050-WGAT-Gate City VA	100.9-WKOY-Princeton VA
1140-WRVA-Richmond VA (a)	100.9-WNNT-Warsaw VA
1200-WAGE-Leesburg VA	103.3-WESR-Onley VA
1230-WXCF-Clifton Forge VA	103.5-WZVA-Marion VA
1330-WESR-Onley-Onancock VA	103.9-WXCF-Clifton Forge VA
1360-WWWJ-Galax VA	104.9-WZBL-Roanoke VA
1380-WLRV-Lebanon VA	105.3-WBRW-Blacksburg VA
1400-WKAV-Charlottesville VA	105.5-WGTH-Richlands VA
1400-WINC-Winchester VA	105.7-WMXH-Luray VA
1450-WMVA-Martinsville VA	105.9-WLNI-Lynchburg VA

92.1-WDIC-Clincho VA	(a) Night games only
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2006 COLLEGE FOOTBALL NETWORKS - WAKE FOREST DEMON DEACONS(per wakeforestsports.cstv.com/multimedia/wake-radio-tv-coverage.html)

730-WOHS-Shelby NC	1050-WLON-Lincolnton NC
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1090-WTSB-Selma NC
1250-WBRM-Marion NC
1440-WLXN-Lexington NC
1450-WGNC-Gastonia NC
1490-WDUR-Durham NC
1490-WRMT-Rocky Mount NC

1490-WSTP-Salisbury NC
96.7-WKRX-Roxboro NC
98.1-WBRF-Galax VA (Flagship)
101.1-WZTK-Burlington NC

2006 COLLEGE FOOTBALL FLAGSHIPS - WASHINGTON HUSKIES(per gohuskies.cstv.com/tv-radio/wash-tv-radio.html)

560-KPQ-Wenatchee WA
610-KONA-Kennewick/Richland/Pasco WA
680-KOMW-Omak WA
700-KBYR-Anchorage AK
790-KJRB-Spokane WA
950-KJR-Seattle WA (Flagship)
1030-KMAS-Shelton WA
1040-CKST-Vancouver BC
1170-KPUG-Bellingham WA
1230-KLAV-Las Vegas NV
1360-KUIK-Hillsboro OR
1420-KUJ-Walla Walla WA
1430-KBRC-Mt. Vernon WA

1450-KIOV-Payette ID
1450-KONP-Port Angeles WA
1460-KUTI-Yakima WA
1490-KBIS-Forks WA
1490-KWOK-Hoquiam WA
1490-KLOG-Kelso WA

93.7-KXAA-Cle Elum WA
96.9-KGY-McCleary WA
98.5-KEYG-Grand Coulee WA
100.3-KWIQ-Moses Lake WA
102.9-KNBQ-Centralia WA
106.3-KSUP-Juneau AK

2006 COLLEGE FOOTBALL NETWORKS - WASHINGTON STATE COUGARS(per wsucougars.cstv.com/sports/m-footb/spec-rel/06media-guide.html)

660-KAPS-Mount Vernon WA
850-KHHO-Tacoma WA
900-KKRT-Wenatchee WA
920-KXLY-Spokane WA (Flagship)
960-KALE-Richland WA
1080-KFX-Portland OR
1090-KPTK-Seattle WA
1150-KQQQ-Pullman WA
1170-KPUG-Bellingham WA
1240-KCVL-Colville WA
1270-KBAM-Longview WA
1310-KZXR-Prosser WA
1320-KXRO-Aberdeen WA

1320-KGDC-Walla Walla WA
1380-KRKO-Everett WA
1390-KJOX-Yakima WA
1430-KCLK-Asotin WA
1450-KCLX-Collfax WA
1470-KELA-Centralia-Chehalis WA
1470-KBSN-Moses Lake WA
1490-KEYG-Grand Coulee WA

92.7-KNCW-Omak WA
93.7-KXAA-Cle Elum WA
96.9-KGY-McCleary WA
104.3-KHTR-Pullman WA

2006 COLLEGE FOOTBALL NETWORKS - WEST VIRGINIA MOUNTAINEERS(per www.msnsportsnet.com/page.cfm?section=1104)

580-WCHS-Charleston WV
630-WJAW-St. Marys WV
800-WVHU-Huntington WV
1050-WADC-Parkersburg WV
1150-WELC-Welch WV
1170-WWVA-Wheeling WV
1240-WDNE-Elkins WV
1270-WCBC-Cumberland MD
1330-WETZ-New Martinsville WV
1340-WEPM-Martinsburg WV
1370-WVMR-Frost WV
1390-WKLP-Keyser WV
1390-WVOW-Logan WV
1400-WRON-Ronceverte WV
1400-WVRC-Spencer WV
1430-WEIR-Weirton WV
1440-WAJR-Morgantown WV
1490-WTCS-Fairmont WV
1490-WAEY-Princeton WV
1490-WSGB-Sutton WV
1560-WFSP-Kingwood WV

92.5-WZAC-Danville WV
92.7-WPMW-Mullens WV
92.9-WDHC-Berkeley Springs WV
94.1-WQZK-Keyser WV
94.3-WRLF-Fairmont WV
97.1-WDBS-Sutton WV
97.7-WRON-Ronceverte WV
98.3-WCEF-Ripley WV
99.9-WVAF-Charleston WV
101.3-WBRB-Buckhannon WV
101.7-WELD-Petersburg WV
101.9-WVOW-Logan WV
101.9-WVAQ-Morgantown WV
102.9-WELC-Welch WV
103.1-WHBR-Parkersburg WV
103.3-WAJR-Salem WV
103.7-WQWV-Fisher WV
103.9-WETZ-New Martinsville WV
104.5-WHAJ-Bluefield WV
104.7-WVRC-Spencer WV
107.1-WCHG-Hot Springs VA
107.7-WFSP-Kingwood WV

89.7-WVLS-Monterey VA

2006 COLLEGE FOOTBALL NETWORKS - WESTERN KENTUCKY HILLTOPPERS(per www.wkusports.com/page.cgi?page=Audio)

860-WSON-Henderson KY
1070-WEKT-Elkton KY
1080-WKJK-Louisville KY
1270-WAIN-Columbia KY

1310-WTTL-Madisonville KY
1320-WBRT-Bardstown KY
1400-WIEL-Elizabethtown KY
1440-WCDS-Glasgow KY

1450-WTCO-Campbellsville KY
1570-WLBQ-Morgantown KY
1580-WPKY-Princeton KY
93.5-WMMG-Brandenburg KY

102.9-WLME-Cannelton IN
103.7-WPTQ-Cave City KY (Flagship)
106.3-WANY-Albany KY

2006 COLLEGE FOOTBALL NETWORKS - WESTERN MICHIGAN BRONCOS
(per www.wmubroncos.com/VideoArticle.dbml?DB_OEM-ID=4600&ATCLID=518283)

1220-WBCH-Hastings MI 96.5-WFAT-Portage MI (Flagship)
1230-WTKG-Grand Rapids MI 100.1-WBCH-Hastings MI
1590-WTVB-Coldwater MI 104.9-WWKN-Marshall MI
92.3-WZUU-Allegan MI

2006 COLLEGE FOOTBALL NETWORKS - WYOMING COWBOYS
(per wyomingathletics.cstv.com/genrel/sportsnetwork.html)

950-KMER-Kemmerer WY 1410-KWYO-Sheridan WY
1030-KTWO-Casper WY 1450-KBFS-Belle Fourche SD
1240-KFBC-Cheyenne WY (Flagship) 1450-KBBS-Buffalo WY
1240-KEVA-Evanston WY 1450-KVOW-Riverton WY
1240-KASL-Newcastle WY 1470-KKTY-Douglas WY
1240-KRAL-Rawlins WY 1490-KUGR-Green River WY
1260-KPOW-Powell WY 93.3-KJAX-Jackson WY
1270-KIML-Gillette WY 96.5-KQSW-Rock Springs WY
1290-KOWB-Laramie WY 98.3-KERM-Torrington WY
1330-KOVE-Lander WY 99.1-KWYW-Lost Cabin WY
1340-KYCN-Wheatland WY 103.1-KYDT-Sundance WY
1340-KWOR-Worland WY
1400-KODI-Cody WY

SPECIAL FEATURE

LF NDB INFORMATION

Non-directional beacons (NDBs) can be found in the 198-530 kHz frequency range, in North America. In Europe, there are beacons extending up into the MW frequencies, where they don't have a broadcast band on those frequencies. There are also some NDBs in the 1600-1740 kHz range, but in North America these beacons are covered by the X-band AMBC stations except above 1710 kHz. The overseas LWBC band also extends into the bottom of the NDB band, to 279 kHz. NDBs were primarily designed as navigation aids for aircraft and ships. They are beacons with a very slow Morse code two or three-letter identifier, sent over and over. Most Canadian beacons have a long dash after the identifier. In North America, almost all the marine beacons have been decommissioned; now, beacons are associated most often with airports. A beacon's actual transmitter location may not be very close to the associated airport, but many beacons are located near or at their associated airport. NDBs were not designed to have long distance coverage, but just within their associated location. But DXers discovered that at night many beacons can be heard for long distances, especially in the quieter fall-spring months. Stronger beacons can be copied in AM mode with any receiver that can be tuned down to the LF range. Another way is to switch to CW mode and select a narrow IF filter—this allows hearing weaker beacons. As a beacon consists of a carrier and a separate modulated sideband, one can use even narrower audio filters and tune the radio just to the sideband with the desired identifier. This allows receiving even weaker beacons. In recent years, commercial DSP audio filters such as MFJ 784B and Timewave 599zx have added very narrow CW audio filters. Use of this equipment, or with homebrew very narrow audio filters, allows hearing very weak beacons that are inaudible otherwise.

For most LF DXers, local AC noise is a big factor to hearing weak beacons, as well as having room to have an efficient LF antenna. If local noise allows, a good active whip antenna can offer very good LF sensitivity as well as MW and HF. But overload from strong nearby transmitters is always a concern for any antenna using active electronics circuitry, used in a high-signal location.

In North America there are several high-powered NDBs that are often widely heard across the country. 198 DIW, NC; 216 CLB, NC; 206 GLS, TX can often be heard if you're within 500 miles of the coast, especially at night. During quieter winter months, with less static, they can be heard coast to coast. All three run 1-2kW power. (Ordinary beacons run 25-100 watts.)

There's a popular international email list devoted to beacon listening - ndblast. There's also long-standing Longwave Club of America which offers a monthly newsletter and has an associated webpage <http://www.lwca.org>.

In the past several years, another type of signal can be found in a middle of the LF NDB range, called DGPS—Differential GPS. This is used for very accurate GPS positioning. It's a digitally-encoded signal which sounds like a constant RTTY (radio teletype) signal with a very fast baud rate, if tuned in using SSB or CW mode. (In AM mode, DGPS won't produce audio output.) DGPS can be decoded using various software programs, which allows the DXer to figure out what station he's receiving. At the top of the NDB band, 518 kHz, is another type of digital signal, an aid to navigation,

NAVTEX. Stations around the world send regular weather broadcasts and aids to mariners using NAVTEX—it's primarily aimed at ships using unmanned decoders. As with DGPS, software resources can be purchased by the DXer to decode these broadcasts. Decoding DGPS and especially NAVTEX have become popular interests for hobbyists. A computer with a soundcard is needed to decode these signals, using the appropriate software, with the audio output taken from the receiver to the computer.

A few beacons also have a voice automated weather broadcast—these are mostly aimed at marine users. Known as TWEBs—Transcribed Weather Broadcasts—these can be received in AM mode, and use a beacon that transmits the voice broadcast along with the CW identifier, with the ident at reduced output.

There are various on-line resources:

<http://www.classaxe.com/dx/ndb/rna> is kept fairly up-to-date by Canadian Martin Frances for beacons "Received in North America". There's a corresponding REU (Received in Europe) database. The database can also be saved to the computer as an Excel file, and used anytime, not requiring one to be on-line.

<http://www.dxfocentre.com/> is Bill Hepburn's TWEB database, and there's also other databases for LWBC, NDBs, DGPS.

<http://www.ve3gop.com/> is Canadian Alex Wiecek's webpage where he has a useful WorldWide Search Utility (WWSU) software program that allows you to enter a beacon ident and see a list of all beacons in the world with that ident, and hopefully identify the one you heard. It also allows you to put in your location and see a map with distance to the beacon. It's a very inexpensive program to purchase, and highly recommended.

<http://www.dxsoft.com/> Download the SeaTTY program to decode NAVTEX broadcasts.

<http://www.skysweep.com/download.htm> Download Skysweep to decode DGPS signals—it's probably the most useful DGPS decoder, though not so inexpensive.

Steve Ratzlaff AA7U, Elgin, OR (NE Oregon), stevez@eoni.com, updated 9/2006

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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For information on **subscribing to the IRCA mailing list** at Hard-Core-DX, a group e-mail service, contact the moderator, Lynn Hollerman at lynnhollerman@yahoo.com.

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