



June 23, 2007 - Volume 44, Number 29s - Edition 1411s - ISSN 899-9733

IRCA welcomes Rick Krzemien from Helena, MT... dive in and enjoy the DX... pb

HQ Notes

Time for the log updates to start filtering in, anyone who would like a proofing report for their state, please email me off list and I'll get it to you.... It can be WORD, .rtf or excel, just name your format. Deadline in Aurora is August 1st 2007

Wayne Heinen, NRC AM Radio Log Editor amradiolog@nrcdxas.org

Mark your calendars...SATURDAY, JULY 28 is the one date we've found that will work for an exceedingly informal gathering of DXers in the northeast, inspired by the wildly successful Madison-Milwaukee GTG.

In lieu of any organized eastern convention this year, Jim Renfrew has kindly offered up his new spread in Clarendon, New York, about 20 miles west of Rochester and 15 minutes north of NY Thruway (I-90) exit 47, for DXers to get together for a day of conversation, recreation and maybe even some DX.

There's absolutely no agenda - just show up, bring a radio or a TV if you'd like (Jim will have his receivers and antennas fired up, and I'll bring out mine as well), pack a bathing suit if you fancy a dip in the creek or the hot tub, and at the end of the day maybe we'll all go out for some dinner somewhere.

There are several inexpensive hotels in Brockport, about 5 minutes away from Jim's place, as well as in Batavia, about 20 minutes to the south. No organized discount rates or anything like that; if you need a hotel room, contact one of us and we'll point you in the right direction.

No organized station tours, though if enough people were interested in seeing WXXI, I'm sure something could be arranged.

No scheduled presentations, but if Rich Wertman wants to bring some stuff to sell, I'm sure there will be ready buyers.

There's nothing organized for Friday or Sunday, either, for those arriving early or leaving late. The Rochester Red Wings (AAA affiliate of the Twins) and the Batavia Muckdogs (single-A affiliate of the Cards) are both at home Friday night, and the Muckdogs are home Sunday afternoon as well, for any who are interested.

RSVPs would be nice, and I'm sure Jim would appreciate a few bucks toward the cost of refreshments, or bring along some refreshments to share, if you'd like.

Spouses and families are welcome. Check with Jim about dogs and horses and such.

Please feel free to share this notice among other DXers... the more, the merrier!

73 and Good DX from your Northeast Unconvention Disorganizing Non-Committee,

Scott Fybush (scott@fybush.com), Jim Renfrew, Jerry Bond, Greg Coniglio, Rick Lucas, George Greene (honorary)

The 2007 IRCA/DecalcoMania convention will be held in Salt Lake City UT on August 24-26, 2007 at the Airport Days Inn, 1900 West North Temple, SLC UT 84116. Telephone (801) 539-8538. Request the IRCA convention discount rate of \$50 per night. Registration fee is \$25 (not including Saturday banquet) and is payable to: Mike Sanburn, PO Box 1256, Bellflower CA 90707-1256, USA. Hotel website is: www.the.daysinn.com/saltlakecity06838. Trip rewards site: www.triprewards.com. Tourism site: www.utah.travel. Delta airlines web: www.delta.com.

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www.visitsaltlake.com

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The 2007 Convention of the **National Radio Club** and the **Worldwide TV-FM DX'ers Association** will be held in Boise ID at the Rodeway Inn, 1115 North Curtis Road, Boise, ID 83706. The host is Frank Aden. Dates: Friday, August 31, 2007 through Sunday, September 2, 2007. Cutoff date for registering with the club(s) is August 15, 2007; with the hotel, August 20, 2007. More as we know more.

BROADCAST TEST COORDINATOR – DX TESTS

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

Sat+ 7/1-15/07 0300-0700 1550 KXTO Reno NV (Walker)

Date(s): July 1st, 2007 Thurs July 15th, 2007 (Low Power 96 Watts ND). July 14th & 15th (High Power 2500 Watts ND). Time: 00:00AM until 04:00AM Pacific Time. Test material of Morse Code and Sweep Tones will air twice per hour between Midnight and 4AM daily. The station runs a Spanish Christian format as "La Voz Christiana 1550".

Test Material: Morse Code ID's, Sweep tones, and a "QRSS" (Slow Speed Morse Code ID'S). The QRSS signal is encoded at 2.5khz. Dot length is 3 minutes in length. QRSS once per hour during the low power portion of the test, and twice per hour during the high power 2.5kw nights. You can attempt to detect the QRSS signal using only your radio, computer soundcard and some free spectrum analysis software from www.weaksignals.com. Download the software called "Argo".

Modes of Operation: Normal, except when test material is running near TOH and BOH. Night time power of 96 watts ND. July 14th & 15th ONLY- Full power of 2500 watts ND.

Programming: Morse Code ID's, Sweep Tones, Voice ID. QRSS 2.5khz Slow Speed Morse Code

Notes: Please do not telephone the station during the test or afterwards. The test is being done by remote control and automation.

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 "KXTO 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. Note: SASE Required for QSL.

Our special thanks to Jose and the staff of KXTO, and especially to member Paul Walker, who arranged this test and many others! Thanks Paul!

++Best bet for up to the second DX Info is on the #mwdx chat room at www.starchat.net. Join us during the test nights!++

For those who wish to experiment with receiving QRSS (slow speed Morse Code) transmissions prior to the KXTO Test, Brandon Jordan who runs the very informative www.dxtests.info web site has posted a sample file that will closely match the actual file for the test. It's available at: <http://www.dxtests.info/files/KXTO%2010%20Minute%20File.wav>.

Keep in mind, that what you're really looking at is a audio frequency spectrum analyzer, not RF. You're feeding an audio signal from your radio (headphone jack, or other output) into one of the inputs on your computer soundcard (Mic, Line, etc.) and then viewing what that audio looks like.

Using this technique it's possible to detect slow speed Morse Code signals well below the noise, sometimes as much as -20db! Using this technique, world wide reception of the KXTO DX test may be possible.

In advance of the test, I'd concentrate on looking at the carrier signals of various AM stations using USB, LSB, and CW modes. Adjust levels on the receiver output, soundcard input, etc. until you get nice, clean images that are free of distortion. It's easy to overdrive the soundcard with too "hot" of a signal.

The actual transmission will be at 2.5khz and you should be able to literally "read" the dots and dashes of the QRSS transmission spelling out, K-X-T-O.

In Morse that looks like: K= Dash Dot Dash, X= Dash Dot Dot Dash, T= Dash, O= Dash Dash Dash

It's a great mode, and potentially a nighttime IBOC-Beater! You can learn lots more at: <http://www.w0ch.net/grss/grss.htm>.

There has been a bit of discussion about the use of QRSS in the upcoming KXTO 1550khz test in July. Most of this has taken place on the ABDX E-mail list. Noted DX'er Harry Helms pointed out, quite correctly that true QRSS is a CW mode.

It involves the switching on and off of the carrier signal of the station. Thus a 2.5khz tone modulated on the AM carrier of KXTO is not true QRSS and likely will not generate the same remarkable performance that true QRSS does.

My speculation about its potential benefits are in fact, just that. Speculation. KXTO will transmit a 2.5kHz tone that will result in two very narrow carrier signals at 1547.5kHz & 1552.5kHz. Using the Argo software and narrow bandwidths, these two signals should be detectable, potentially at much lower levels than aural reception of sweep tones and standard Morse Code.

Using this material is an experiment. Will it significantly improve the ability of DXers to receive the test at great distances--we're not sure. Will it allow detection of the signal -20db under the noise as true CW QRSS does? Almost certainly not.

But I think it's an important experiment and I'd love to see as many DXers as possible attempt to receive the signals. In the future, I'll refer to long duration Morse Code ID's on AM stations as "Quasi-QRSS" to be more precise.

For those attempting reception, Brandon Jordan pointed out the following:
I listened to the QRSS file today, and the code on the file is 5 second dots and 15 second dashes, with 5 second spaces. One repetition of the Code ID takes 3 minutes total.

My thanks to both Harry Helms and Brandon for catching my errors. Here's hoping that everyone gets a chance to hear (and see) the KXTO test!

73, Les Rayburn, N1LF, IRCA/NRC Broadcast Test Coordinator

WESTERN DX ROUNDUP

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

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: June 29, July 13, July 27. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (GH) **Glen Hansen**-1925 Tualatin St.-St. Helens, OR 97051 skinner@columbia-center.org
Hammarlund SP-600, R-390A, R-388, Drake R8B, various wires, amplified Sanserino loop, Radio Shack loop
- (PM) **Patrick Martin**-P.O. Box 843-Seaside, OR 97138-0843 mwdxer@webtv.net
Drake R8, WNW EWE, 45' vertical for phasing
- (5P) **Dale Park**-Honolulu, HI DXFool@aol.com
Sangean ATS-818CS, Terk AM1000 loop
(5P-HI1) DX'ing in East Honolulu with Honda car radio
- (RW) **Robert Wien**-7190 Abigail Pl.-Fontana, CA 92336-5752 rjwmail@webtv.net
GE Superadio, Select-A-Tenna

- 680 (KNBR) **CA**, San Francisco 6/2 0500-0600 with open carrier, 2 Mexican stations audible underneath, one playing 70's music, one playing 80's/early 90's. ID sounded like "la mismo" or "la ritmo," then "seis ochenta" (880). Hermosillo?? (RW-CA)
- 880 KHNR **HI**, Honolulu 6/12 1422 noted apparently at full strength relaying sister station KGU-760 with "Focus on the Family" until 1427, ID and slogan "Hawaii's Christian Voice," environmental tips, into "Voice of Prophecy." Recheck 6/14 1600 & 2305 found it very weak relaying unknown station (not KGU) or KHNR-FM). (5P-HI1)
- 920 KSHO **OR**, Lebanon 5/21 0005 man said K-Show," NOS type oldies. Fading in & out, totally alone in the static on Drake with Radio Shack loop. Seldom heard. (GH-OR)
- 1160 ?KHPP? **IA**, Waukon 6/14 0040 KSL briefly off, apparently a technical problem. Very weak True Oldies Channel station running non-stop oldies. Several ID's "The True Oldies Channel" and "At this radio station, we just love the oldies." At one point at 0050 heard what sounded like a "K-HOP" ID. There are 3 oldies stations on 1160 listed, PA, KY and IA. Conditions were not that great and IA is closer. Plus of the three, KHPP is the only one listed with "The True Oldies Channel" format, so very likely it was them. Listed as 880w day/26w nights. KSL came back on at 0055. (PM-OR)
- 1230 KOZI **WA**, Chelan 6/1 0015 heard male give ID in the mix then back down into the slop, on SP-600 with E-W wire. Not heard for a while. (GH-OR)
- 1240 KTIK **OR**, Pendleton 6/1 0045 ESPN sports talk and ID barely above unID Mexican menace for a moment, on SP-600 with N-S wire. Very seldom heard. (GH-OR)
- 1320 KSCR **OR**, Eugene 5/17 0115 man said "Eugene-Springfield's sports leader." Fair signal with unID's far under, SP-600 with N-S wire. Last heard 6/04. (GH-OR)
- 1350 KSRO **CA** Santa Rosa 5/16 0105 "Coast to Coast AM on 1350 KSRO." Barely above KRLC for a moment or two. Very scratchy, on Drake with RS loop. (GH-OR)
- 1400 KNND **OR**, Cottage Grove 5/30 2345 man gave ID and announced Toby Keith song. Crystal clear for only a moment. Seldom heard. (GH-OR)
- 1430 KBRC **WA**, Mt. Vernon 5/12 0045 oldies with ID under an unusually strong KYKN. Haven't heard them for a while, on Drake with RS loop. (GH-OR)
- 1500 (KUMU) **HI**, Honolulu 6/2 0305 noted off the air. Weak ripply audio noted, probably KSJX-CA. Still off at 0800. Back on at 1600 recheck. (5P-HI)

- 1530 (KFBK) **CA**, Sacramento 6/4 0405 off on rare SP with open carrier, then totally off, Mexican (XEUR?) in, or maybe KGBT, nothing else... can usually hear the Mexican way under them. (RW-CA)
- 1610 WPSE-479 **CA**, Needles 6/4 0430-0500+ good on peaks with female mention if "Highway Advisory Radio 1610 AM," talk about Highway 40 conditions, ID as "WPSE-479, Needles, 1610 AM." Second TIS behind them with male, couldn't make out what was said, looped NE, Needles was looping more ENE from my QTH. New. (RW-CA)

Thanks to our reporters this week. Nancy 6/15 2100

CENTRAL DX ROUNDUP

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

E-mail: John_Johnson@prodigy.net CDXR reports ONLY: cdxr@prodigy.net

RIDING GAIN

[NJ-MT] Nancy Johnson, Billings, MT NancyJohnson@Prodigy.net
Drake R8B, Kiwa loop.

[PAL-MN] Paul LaFreiere, Grand Marais, MN Plafren1@peoplepc.com

DOWN THE DIAL

- 530 WY, Jackson. TIS at National Elk Refuge. 6-9 while in Jackson. 16:30 with woman giving information on the Refuge and animals to watch for. Man giving information about Jackson National Fish Hatchery. No call heard. [NJ-MT]
- 700 KHSE TX, Wylie. 6-6, no WLW. 06:02 with spots in EE by announcers with sub-continent accents into strange music. New for me. [PAL-MN]

OPEN MIKE

This column was typed 6-16-07. 73, John

EASTERN DX ROUNDUP

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

E-mail: lfreshwater@cox.net

Deadlines: 8 AM!! 6-30, 7-14, 7-28, 8-25

STARS OF THE WEEK

- (CAT-NC) **Charles Taylor** WD4INP Greenville, NC
- (MH-NC) **Mike Hardester** Jacksonville, NC DX4EVR@Earthlink.Net
Icom R-70 R West 22" Ferrite Loop w/2 FET Pre Amp

LOGGINGS

- 1010 GA WGUN Atlanta: Logged @ 1659 6/2 with "W G U N, Gospel Oldies." Local WELS Kinston off air today, but only noticed late. Reaching S-9 +10 dB. Logged back in 1960 from Indianapolis. # 308 logged since 9-07. (CAT-NC)
- 1300 NC WLNC Laurinburg (Scotland Co.): Noted first @ 1800 6/8 w/relay of WRAL-TV-5 Raleigh news, but no ID. Tried again @ 1900 & ID: "Your only home-town station. W L N C, Laurinburg." Semi-local WSSG Goldboro (NC) off air today Shucks. Oldies, poor, all skywave with much lightning QRN. Station #309. (CAT-NC)
- 1360 NC WCHL Chapel Hill in with "News-Talk 13-60, WCHL..." 6/10 at at 2357 while waiting for the start of WNNJ DX Test. Poor signal mixing with 3 other stations. Strangely, only 122 miles from my QTH, but first time logged. (MH-NC)
- 1480 NC WYRN Louisburg (Franklin Co.): Noted unknown station IDing @ 1030 6/13 as "WDOX, 570." Returned to the dial @ 1100 to heard "14-80, W Y R N, Louisburg." So now runs // to WDOX-570 Raleigh. Poor & mixed with unknown SS, probably WPWC, Dumfries, VA. (CAT-NC)
- 1480 VA WPWC Dumfries: while noting WYRN-1480/WDOX-570 (Raleigh), heard a W- XE but no ID @ TOH. Tried again @ 1901 6/13 & despite heavy QRM de WYRN, heard (after a Norteña musical piece) a "Doble U Pe... Doble U Ce" ID. First time heard in 20+ years of NC DXing. Station #310. (CAT-NC)
- 1510 NC WEAL Greensboro (Guilford Co.): Logged @ 1030 6/15 over remnant skywave f/WLAC, Nashville. Sounded like Black Gospel. "Said 24 hours a day." Quick reference to "W E A L," and references to "Greensboro." Very poor to poor on remnant skywave. Perhaps only a very weak carrier days. (CAT-NC)

DX TESTS

1360 NJ WNJC Vineland in with DX Test 6/10 @ 0001-0020 t/out (very early reveille in AM). Poor signal overall with 3 or 4 other stations in the the fray: WCHL (Chapel Hill, NC), and stations with religion, country, and big band formats. Code and sweep tones best via ECSS. My thanks to those involved in setting up & conducting the test! (MH-NC)

Well, another short week this time. Still reviewing the audio files recorded on 1360. Nothing worth reporting yet, other than A LOT of QRM. Very frustrating. Been busy working on a 24 channel audio mixer that will take all my audio sources and feed them to 2 different computers. A fun project. Let us hear from you!!! Best to all... fresh 6-16 0900

DX WORLDWIDE – WEST / TROPICAL BAND DX

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

E-mail: mwdxer@webtv.net all times UTC

Greetings,

This week our reports come from Hawaii.

PAN AMERICAN DX ROUNDUP

- 890 **CHILE**, Punta Arenas, Radio Nacional, CD89 at 0840 5/17. (REW-HI)
950 **ARGENTINA**, La Nueve Cincuenta Capital Federal LR3 5/17 0800 ID by man. (REW-HI)
1290 **MEXICO**, Cd. Obregon, Son XEAP 5/15 0600 NA by military band, ID by man "XEAP Cd. Obregon, Sonora" Good and dominant, new. (REW-HI)
1350 **ARGENTINA**, Capital Federal, Radio Buenos Aires, 5/27 0600. (REW-HI)
1360 **BRAZIL**, Rio de Janeiro, ZYJ466, Radio Bandeirantes, 5/27 0614 PP talk of futebol, good. (REW-HI)
1380 **CHILE**, Santiago, Radio Corporacion, CB138 5/15 0505 rel. as usual. (REW-HI)

TRANS PACIFIC DX ROUNDUP

- 1494 **UNID**, 6/2 1201, Carrier noted with just a hint of audio, KUMU 1500 off. (5P-HI)
1512 **UNID**, 6/2 1203 Woman reading probable nx before fading out, 2RN? (5P-HI) (2RN is very likely. PM)

THANKS TO THESE REPORTERS

- 5P-HI **DALE PARK**, Honolulu HI dxfool@aol.com
DXing with Sangean ATS-818CS, Terk AM1000 loop
REW-HI **RICHARD E. WOOD**, HRC3, Box 11087, Keaau HI 96749
DXing with Icom R75, 1800' E. Beverage, 300' LW to the NE

DX WORLDWIDE - EAST

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

E-mail: dxww-e@bcdx.org all times UTC

Hi folks and welcome to another edition of DXWW-East. Many thanks to Mark Connelly for another great batch of TA loggings. A big welcome to first-time DXWW-E contributor Charles Taylor, and greetings to Ray Moore reporting a few interesting carriers he has been monitoring lately.

*** TRANS-ATLANTIC DX ***

- 765 **SWITZERLAND** *RSR Option Musique*, Sottens, JUN 8 0120 - French female vocal; fair. [Connelly*R-MA]
774 **SPAIN** *Radio Nacional 1* synchros, JUN 8 0132 - woman in Spanish, then "Fernando" by Abba. [Connelly*R-MA]
783 **MAURITANIA** *Radio Mauritanie*, Nouakchott, JUN 8 0034 - //4845 with Arabic preaching; fair. [Connelly*R-MA]
855 **SPAIN** *Radio Nacional 1* synchros, JUN 8 0122 - //1098 with man & woman in news discussion; good, some echo. [Connelly*R-MA]
864 **EGYPT** *Holy Koran Radio*, Santah, MAR 14 2310 - Koranic male chant; excellent. [Connelly*R-MA]
864 **FRANCE** *France Bleu*, Villebon-sur-Yvette, JUN 8 0123 - "Jealous Guy" by John Lennon; to good peak. [Connelly*R-MA]

- 890.98 **ALGERIA** *Alger Chaîne 1*, Algiers, JUN 8 0036 - a cappella Arabic vocal, then talk; good. [Connelly*R-MA]
909 **UNITED KINGDOM** *BBC Radio 5 Live* synchros, JUN 8 0038 - man & woman with discussion; through tough WABI slop. [Connelly*B-MA]
945 **FRANCE** *France Info*, Toulouse, JUN 8 0039 - romantic showtune-style vocal, then a more contemporary-sounding rock song; good. [Connelly*R-MA]
954 **SPAIN** *Onda Cero*, Madrid, JUN 8 0040 - fast Spanish talk by man; good. [Connelly*R-MA]
999 **SPAIN** *COPE Madrid*, Madrid, JUN 8 0044 - man & woman in Spanish; good. [Connelly*R-MA]
1017 **GERMANY** *SWR Cont. Ra*, Wolfsheim, JUN 8 0125 - man in German; good, over Spain. [Connelly*R-MA]
1044 **SPAIN** *SER* synchros, JUN 8 0046 - Spanish teletalk; very good. [Connelly*R-MA]
1053 **UNITED KINGDOM** *TalkSport* synchros, JUN 8 0048 - joking and laughing; fair. [Connelly*R-MA]
1089 **UNITED KINGDOM** *TalkSport* synchros, JUN 8 0127 - talk about jobs, pay scales, amount of education required; loud. [Connelly*R-MA]
1098 **SPAIN** *Radio Nacional 5* synchros, JUN 8 0054 - //1152 with echoey talk, teletalk; fair. [Connelly*R-MA]
1107 **SPAIN** *Radio Nacional 5* synchros, JUN 8 0128 - Spanish talk; in jumble/growl. [Connelly*R-MA]
1116 **SPAIN** *SER* synchros, JUN 8 0056 - //1044 with interview; good. [Connelly*R-MA]
1134 **CROATIA** *Glas Hrvatske*, Zadar, JUN 8 0100 - Slavic rock, then pips, and "Hrvatski Radio" mention going into news; loud. [Connelly*R-MA]
1143 **SPAIN** *COPE* synchros, JUN 8 0101 - //999 with news; poor, in jumble. [Connelly*R-MA]
1152 **SPAIN** *Radio Nacional 5* synchros, JUN 8 0054 - //1098 with Spanish talk having some echo; fair. [Connelly*R-MA]
1170 **UNITED ARAB EMIRATES** *Radio Sawa*, Al Dhabiya, JUN 8 0103 - Sawa ID, Arabic talk surfacing over Latin American pile-up with WWVA phased. [Connelly*R-MA]
1179 **CANARY ISLANDS // SPAIN** *SER* synchros, JUN 8 0000 - SER net Spanish news. [Connelly*R-MA]
1206 **FRANCE** *France Info*, Bordeaux, JUN 8 0027 - easy-listening / nostalgic type French music; fair. [Connelly*R-MA]
1215 **UNITED KINGDOM** *Virgin Radio* synchros, JUN 8 0105 - "Sweet Dreams" by the Eurythmics; good, over Spain. [Connelly*R-MA]
1215 **SPAIN** *COPE* synchros, JUN 8 0026 - man & woman in Spanish; slight echo; dominant. [Connelly*R-MA]
1224 **unID** JUN 8 0106 - techno-dance music jumbled with Spain: Israel suspected. [Connelly*R-MA]
1251 **LIBYA** *Libyan Jamahiriya*, Tripoli, JUN 8 0106 - Arabic music; in slop. [Connelly*R-MA]
1296 **SUDAN** *SNBC*, Reiba, JUN 8 0107 - Arabic wailing; slightly over presumed Spain & UK mix. [Connelly*R-MA]
1305 **SPAIN** *Radio Nacional 5* synchros, JUN 8 0108 - //1098 with man & woman in Spanish; good. [Connelly*R-MA]
1341 **NORTHERN IRELAND** *BBC Radio Ulster*, Lisnagarvey, JUN 8 0111 - likely this with classical music interlude. Het from 1340 domestics and also from something weak on 1339.4. [Connelly*R-MA]
1413 **SPAIN** *Radio Nacional 5* synchros, JUN 8 0112 - //1098 with woman in Spanish; fair. [Connelly*R-MA]
1422 **ALGERIA** *RTA*, Algiers, JUN 8 0012 - Arabic vocal; fair, dominant. [Connelly*R-MA]
1422 **GERMANY** *Deutschlandfunk*, Heusweiler, JUN 8 0113 - soft orchestral music; now about even with Algeria. [Connelly*R-MA]
1431 **DJIBOUTI** *Radio Sawa*, Arta, JUN 8 0013 - dance-type Arabic vocal with drums; through WXKS slop. [Connelly*R-MA]
1485 **MELILLA // SPAIN** *SER* synchros, JUN 8 0114 - fast talk //1044; fair. [Connelly*R-MA]
1503 **SPAIN** *Radio Nacional 5*, Piñeira and La Línea de Concepción, JUN 7 2311 - Spanish vocal, then talk by man; increasing strength. [Connelly*R-MA]
1521 **SAUDI ARABIA** *BSKSA*, Duba, JUN 7 2255 - het showing about 80 minutes pre-sunset. + JUN 7 2314 - woman in Arabic; fair to good.
+ JUN 8 0015 - telco quality Arabic talk by man; huge signal, strongest TA. [Connelly*R-MA]
1548 **KUWAIT** *Radio Sawa*, Kabd - Kuwait City, JUN 8 0115 - woman in Arabic; good. [Connelly*R-MA]
1557 **FRANCE** *France Info*, Fontbonne, JUN 8 0018 - man & woman in studio and a man on the phone; good with WQEW phased. [Connelly*R-MA]
1575 **UNITED ARAB EMIRATES** *Radio Farda*, Al Dhabiya, JUN 8 0016 - chanting sort of vocal followed by Farsi talk by woman; fair over others. [Connelly*R-MA]
1584 **CEUTA** *Radiolé*, JUN 7 2313 - romantic vocal; over SER, others. [Connelly*R-MA]

1602 **SPAIN** *Radio Vitoria*, Vitoria, JUN 7 2350 - slow Spanish vocal; over co-channel SER & slop from 1600 WUNR. [Connelly*R-MA]

*** **PAN-AMERICAN DX** ***

- 570 **CUBA** *Radio Reloj*, CMDC, Villa Clara, MAY 7 1700 - IDed this when I was seeking the identity of the daily 1-Hz SAH against WDOX, Raleigh. Nulled WDOC, & found, to my surprise, the 1-second ticks, 500-Hz pip & 2-kHz "RR" and constant talk of Radio Reloj. Just barely discernable Spanish. Mostly seawave to the SE coast of NC. W/out nulling WDOX, "rides in" on WDOX carrier. In every day! [Taylor-NC]
- 670 **CUBA** *Radio Rebelde*, La Habana & Villa Clara, JUN 9 1530 - 2 carriers here beneath WPMH Claremont/Portsmouth every day. Nulling WPMH makes them too weak to copy. W/out nulling WPMH, tried comparing 2nd audio to R. Rebelde-11655. Found that the audio correlates w/11655. Not sure that 3rd carrier down is La Habana or a domestic as La Habana - Greenville is a groundwave path almost all the way; but never hear a third audio, just Rebelde. [Taylor-NC]
- + JUN 17 1000 - Tuned in this morning at 1000 to find WPMH absent. SS on channel which I thought to be Rebelde. Tried checking 11,655 kHz for //, but it was absent, too. After 10 minutes of VERY careful listening, was satisfied I was hearing WWFE. No ID audible, though. Returned @ 1100 to find a weak Rebelde beneath WWFE. Returned @ 1200 to find WPMH back and Rebelde on top of WWFE. (** see comments below) [Taylor-NC]
- 790 **CUBA** *Radio Reloj*, CMAQ, Pinar del Rio, JUN 17 2057 - Briefly atop WNIS, Norfolk. Male voice announced time, then female voice announced "Radio Reloj," followed by usual 500-Hz time pip, and then brand-new chime sequence not heard last night. Near dead-center, frequency wise, like other RR net stations. I'm chasing Reloj, now. [Taylor-NC]
- 1000 **BRAZIL** *Rádío Record*, ZYK522, São Paulo, JUN 8 0045 - Portuguese sportstalk; mixed with Venezuela & Colombia. [Connelly*R-MA]
- 1039.62 **VENEZUELA** *La Voz de Carabobo*, YVLB, Valencia, JUN 8 0046 - woman in Spanish; separable from 1040 jumble. [Connelly*R-MA]
- 1170 **BRAZIL** *unID* city, JUN 8 0104 - man with impassioned Portuguese preaching briefly broke atop the R. Sawa and (presumed) HJNW mix. Mossoro most likely in early evening per Newfie logs; Curitiba and Mandaguacu are also theoretically possible. [Connelly*R-MA]

*** **CONTRIBUTORS** ***

Mark Connolly MarkWA1ION@aol.com

[Connelly*R-MA] = Rockport, MA, USA (GC= 42.667 N / 70.621 W) (Granite Pier)
Receiver: Drake R8A. Antenna System: cardioid array on roof of car = Vertical: 3.7m whip (MFJ-1956) to 81:1 transformer to DX Engineering RPA-1 amp + Loop: broadband, in vertical plane, square, 2m per side, to 1:1 transformer to DX Engineering RPA-1 amp, peak east-west, null north-south. Accessories: DXP-6 phasing unit, Pogo Radio YourWay LX (MP3 recorder).

Charles A. Taylor, WD4INP MWDxer@isp.com

[Taylor-NC] = Greenville, NC
Receiver: Drake R8B. Antennas: Space Magnet SM-2. 265-foot Marconi w/ orientation 45/225° and 90-foot EWE w/orientation 135/315° feeding 75-ohm feedline through ground-isolation toroid.

** Charles comments on 6/17 670 kHz reception: "This may be a manifestation of what I call the *Bermuda Effect*.¹ Noted in *Bermuda 1978 - 1981*, this consisted of such far in-land US stations as *WLW-700* and *WJR-760* going into the usual dawn induced fade-out of skywave; HOWEVER, to begin *FADING BACK IN* and at fair level at high noon, *Bermuda time!* I conclude this is due to some sort of sea/land refraction that bends low-angle spacewave (not skywave) back toward the ocean to be propagated long distance."

I also received some interesting comments from Ray Moore in FL regarding strange CX on 5/17. Here are his initial correspondence:

Ray Moore: "On May 27 there were a number of good TP carriers. 1575 was strong, on the verge of audio. I have logged Thailand many times there in DEC/JAN but never a peep after FEB. 1467 also was strong. 1566 was weak, 1557 fair carrier, 738 good carrier. 1503 was strong, on the verge of audio, assumed ZL R Sport heard often in past seasons. The opening was too short to do any DF after scanning the band and I wondered if it was possible these were Asians at this unlikely time of year.

This reception was on my portable station which I have on my desk. It consists of a 2010 with a special Kiwa 2.5 kHz filter feeding a SUPER SCAF audio filter. Antenna was 23" spiral loop."

After further investigation, Ray submitted the following conclusion on 6/10:

Ray Moore: "Careful listening the last few mornings on my homebrew receiver now convinces me that these were DU carriers. Makes more sense. I was so busy checking additional frequencies for other stations during that brief opening that I didn't have time to do any DF. However, most recently very weak carriers on 1575 and 1476 DF as ZL or southern VK.

Equip: Homebrew receiver with 4 IF stages and cascaded 2.1 kHz mech filters, exalted carrier 2nd Det into a SUPER SCAF switched capacitor audio filter at 200 Hz for carriers. 23" and 35" spiral passive loops. Receiver has an 8 dB, +40 dBm preamp, switchable in/out, and a sharp, tunable preselector, also switchable."

2006-2007 IRCA Lucky 7 DX CONTEST

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

E-mail: NancyJohnson@prodigy.net

Final contest standings June 15, 2007

1. Willis Monk	1980	9. Tim Noonan	301
2. Art Blair	1026	10. Darrell Neft	265
3. Michael Hawkins	864	11. Nancy Johnson*	262
4. Bill Nittler	447	12. John Tudenham	233
5. Greg Hall	439	13. Richard E. Wood	203
6. Phil Bytheway	356	14. Martin Foltz	91
Nigel Pimblett	356	15. Dale Park	56
8. Doug Pifer	317	16. John Johnson	10

* Contest manager is not eligible to win.

Congratulations to **Willis Monk** for winning the Lucky Seven contest. If anyone has an idea for the 2007-2008 contest be sure to let me know. Happy Summer all!

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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