

DX News

• Serving DX'ers since 1933

Volume 78, No. 28 • July 11, 2011 • (ISSN 0737-1639)



Inside this issue . . .

- | | | |
|--------------------------------|--------------------------------|--------------------------------|
| 2 ... AM Switch | 15 ... International DX Digest | 21 ... DX Toolbox |
| 8 ... NRC AM Log Update | 18 ... Pro Sports Networks | 23 ... Musings of the Members |
| 10 ... Domestic DX Digest East | 19 ... Whither Family Radio | 23 ... Geomag Indices/Space Wx |
| 13 ... Domestic DX Digest West | 20 ... NRC Contest 2010-2011 | |

From the Publisher: Summer is here, and as the DX slows down it gives us a chance to reflect on the last year of *DX News* and make plans for the year to come. We're planning a member survey in the September issue, but any ideas for new columns, articles, etc. are more than welcome. Contact the Publisher with your thoughts, suggestions, and concepts. E-mail is best – at NRCDXNews@gmail.com.

The severe weather around the country this year has certainly taken its toll on radio stations. Dale Park sends reports on WDAY-970, back on from one tower on June 11 after being knocked off the air on Memorial Day. Other stations with issues are mentioned in the various columns.

Please be sure to check the publication schedule when making submissions to column editors and to the publisher for the summer issues. We'll try to have a working Volume 79 schedule next issue.

VOL. 78 DX NEWS PUBLISHING SCHEDULE

<i>Issue</i>	<i>Deadline (Fri)</i>	<i>Masthead (Mon)</i>
29	August 5	August 15
30	September 9	September 19

New Members: A warm NRC welcome to John Huber, Bel Air, MD; Robert Ice, East Liverpool, OH; Hugh O'Riordan, Boise, ID (rejoins); and OJ Sagdahl, Norway.

Convention! Convention! The annual joint NRC/WTFDA convention is a little later than usual this year, but we are definitely ON for Omaha in October. Join our hosts Ernie Wesolowski and Carl Mann on October 13-16. We will be at the Comfort Inn and Suites, 7007 Grover Street, Omaha NE, (402) 934-4900 and mention the NRC when making your reservation. For more details, see page 7 of the last *DX News* and upcoming issues.

The 18th annual Madison-Milwaukee Get-Together will take place on Saturday, August 20, 2011, beginning at 1 p.m. This year's event is in the Milwaukee area, hosted by Tim Noonan and his family in south suburban Oak Creek. It is an all-band event, and anyone interested in the radio hobby is welcome. For more information, contact Tim at DXing2@aol.com or 414 762-2702.

Renewals: Check your mailing label to see when your subscription runs out. When it's time to renew, please make your checks out to the "National Radio Club" and send them to club HQ in Aurora, CO. Rates and the mailing address are on the back page.

NRC AM Radio Log #32 – Stay Tuned! Although we are "fresh out" of the 31st edition of the NRC AM Radio Log, Wayne Heinen is starting to put together the 32nd edition. See page 8 for how you can help.

THE DX TIME MACHINE

75 years ago: From the July 1, 1936 *DX News*: At the club's third annual get-together on June 21, it was agreed that there were too many DX tests during the past year for members to respond to each as well as one would like, so in the future DX test requests will focus on hard-to-hear stations, especially in Latin America. ... Ethiopian shortwave stations ETA, ETB, ETG, ETD, and ETC will lose their identities after Italy's conquest of that country; henceforth the stations will have call letters IUA, IUB, IUC, IUD, IUF, and IUG.

50 years ago: From the July 22, 1961 *DX News*: Larry Schwartz in San Diego noted KXRX-1500 San Jose was off the air, enabling him to log WTOP and KSTP ... Roy Millar in Bellevue, Washington said his best catches of the last year (250 watt XEXQ-1460 and 1000 watt East Coast GYer WHLF-1400) do not make his all-time "Top Ten" foreign and domestic catches, respectively.

25 years ago: From the July 14, 1986 *DX News*: Bill Hale was scheduled to succeed Dave Schmidt as editor of Domestic DX Digest – East. ... George Santulli told of DXing from an airplane at 35,000 feet.

10 years ago: From the July 16, 2001 *DX News*: The National Radio Club entered into an agreement with the World Radio-TV Handbook to provide data on AM stations in the lower 48 U.S. states, in return for advertising space promoting the NRC. ... Rick Kenneally described his experiences with his first makeshift Beverage antenna at the local beach.

AM Switch



Bill Hale w_r_hale@sbcglobal.net

6124 Roaring Springs Drive

North Richland Hills, TX 76180-5552

Status changes in AM stations, supplied by the FCC, CRTC, listeners

CALL LETTER CHANGES

Old Call	New Call
660 WPYT PA Wilkinsburg	WAMO
750 KXL OR Portland	KXTG
920 WVOH GA Hazlehurst	WHJD
970 WVOV VA Danville	WMPW
1110 KIMO HI Kihei	KAOI
1140 KQZB CA Lake Isabella	KVLI
1190 KMFY MN Wabasha	WBHA
1470 KEPL CO Estes Park	KRBR



CONSTRUCTION PERMITS ON THE AIR

- 540 WXYG MN Sauk Rapids – New Station is now on the air with U4 250/250 from 4 towers (using 4 during the day and 3 at night) at 45-36-18/94-08-21. They are reported to be playing Classic Rock with AM 540, the Goat as a slogan.
- 550 KTZN AK Anchorage – Their Construction Permit (CP) for U1 3100/5000 is now on the air. Since they relocated to the tower of co-owned KENI-650 (at 61-09-58/149-49-34) which is taller than the old KTZN tower, the daytime power was required to be reduced from the original 5 kW in order to theoretically cover the same area during daytime operations.
- 950 WPEN PA Philadelphia – Is now on with U4 43000/21000.
- 980 KGLN CO Glenwood Springs – Is now on the air with U1 2000/225, doubling their daytime power.
- 1050 WBQH MD Silver Spring – CP for U1 10000/44 is now on the air, increasing their day power.
- 1060 WILB OH Canton – Is now on with D4 15000/0 CH 15000, adding the CH operation.
- 1210 KQEQ CA Fowler – Their CP for U5 5000/370 is now on the air. The day pattern is basically a large circle to the southeast, with a small 'blip' to the northwest.
- 1260 KBSZ AZ Apache Junction – Is now on the air with U1 3500/50 from a relatively short (85') tower at 33-22-56/111-32-09.
- 1320 KCTC CA West Sacramento – Is now licensed here with U4 5000/5000 (no change) after changing their City-of-License from Sacramento.
- 1320 WJAS PA Pittsburgh – Is now on the air with U4 7000/3300.
- 1360 KNGN NE McCook – Remaining D1 1000/0, KNGN is now on from a new 180' tower at 40-13-20/100-41-37.
- 1370 WVIE MD Pikesville – CP for U4 50000/24000 is now on the air. With the increase in nighttime power, that pattern remains unchanged (favoring the southeast) except for the size.
- 1420 KJDL TX Lubbock – Is now on with U1 500/140. With this action, they have: decreased their nighttime power; gone from U2 to U1; and consolidated their transmitter sites and become a one-site operation at 33-36-49/101-52-30.
- 1450 KQTE CA Helendale – New station is on the air with U1 250/250 at 34-44-26/117-21-50.
- 1450 KOBO CA Yuba City – Is now on with U1 160/500 at 39-06-22/121-39-19.
- 1460 WJTI WI West Allis – Is now licenced here (ex: Racine) with U4 1000/240 after relocating to the tower site of WGLB-1560 at 43-00-32/88-02-06. The day pattern directs the bulk of the signal to the southeast, while the night pattern is to the northeast.
- 1480 WYZE GA Atlanta – CP for U1 10000/44 is now on the air.



ACTIONS

- 580 WLVA VA Lynchburg – Having operated under an STA with U1 250/15 from a long wire antenna while engineering changes were being made to move from 590 kHz (swapping frequencies with co-owned WLES Bon Air), **WLVA has now gone silent under an ‘silent’ STA**. They have a CP to move to 580 kHz with U1 250/15, diplexing into the tower of WBRG-1050. [see next item]
- 590 WLES VA Bon Air – After moving from 580, WLES has been granted an extension of an STA with U1 600/58 [see related item above].
- [Last Issue we had the following item . . .]
- 610 WXVA VA Winchester – CP granted for U2 380/500, decreasing daytime power and eliminating directional operation from a new day transmitter site at 39-07-26/78-12-44. Their 4-tower nighttime site remains at 39-11-53/78-13-13.
- [. . . which piqued the interest of Perry Crabill, who paid a visit to the studios and reports back that the personnel there claim there is no ‘night site’, even through the filing at the FCC states so. WXVA has been reported to be back on featuring ‘a full service-greatest hits of all time - 1950s thru current format’ [ie: oldies]. According to a staff member there, “the station is currently operating with 390-watts directional daytime, but has applied for 125-watts non-directional fulltime.” WXVA was granted an STA for U1 125/125 from a folded unipole antenna in April, but the CP as cited above was granted on April 28.]
- 770 KJCB LA Lafayette – Licensed for U2 1000/500, KJCB filed for a Silent STA due to ‘component failure’ in April. Now, they have file for an STA using 1000/125 using a long wire antenna, as they have lost the lease on their transmitter site.
- 890 CP CA Olivehurst – New station granted with U4 350/250 from 2 towers at 39-03-28/121-34-38. The day pattern is basically a circle headed northeast anchored at Olivehurst, while the night pattern is two circular lobes headed northeast and southwest. The SW lobe is about twice the size as the NE lobe. Olivehurst is in California 64 southeast of Marysville/Yuba City.
- 900 WATV AL Birmingham – Licensed for U4 845/158, WATV lost its tower to a tornado on April 27. They have returned under a **Special Temporary Authorization (STA) using a 45' inverted-L antenna with approximately 846 Watts** until “the WATV tower and facilities can be reconstructed in accordance with the station's licensed specifications.”
- 970 WDAY ND Fargo – Reportedly off the air due to storm damage to their towers.
- 1080 WRYT IL Edwardsville – CP granted for U7 500/20 CH 380, adding the CH designation.
- 1110 WGNZ OH Fairborn – CP granted for U7 5000/2 CH 1700. This increases their day power and adds night service. The Critical Hours operation remains as it was.
- 1150 WJBO LA Baton Rouge – CP granted for U4 15000/5000 increasing the day power. The new day pattern sends a large lobe to the southeast with smaller lobes to the northwest and west. The day pattern is unchanged with large equal lobes to the south-southeast and west.
- 1230 CP IN Terre Haute – New station granted with U1 1000/1000 from a 278' tower at 39-29-21/87-25-10.
- 1240 KWAK AR Stuttgart – Coordinate correction to 34-29-08/91-33-35.
- 1340 CP AR Bethel Heights – New station granted with U1 1000/1000 at 36-12-43/94-07-38.
- 1390 KRRZ ND Minot – Due to flooding in the area, KRRZ's transmitter site is under water. They are now operating under an STA with U1 1000/1000 from the center tower of co-owned KCJB-910's newly-built, but yet unused, 3-tower array at 48-12-09/101-20-53.
- 1440 WNYG NY Medford – CP granted to move here from Babylon with D1 1000/0 and relocating the transmitter to the site of WLIM-1580 Patchogue at 40-47-45/72-59-32.
- 1490 WCHM GA Clarkesville – CP granted for U1 878/878. They will increase the height of their tower from 98 to 148 feet in order to install an LPFM antenna. So, in order to maintain the same coverage area as previously licensed, the decrease in power is required.
- 1510 KMYN NM Isleta – CP granted to move here (formerly 1500 at Alamo Community) with U1 5000/25 CH 4200 from a new tower at 34-25-01/107-30-04.

900 GOLD WATV



- 1590 WGBW WI **Denmark – Licensed at Two Rivers with U1 1000/33**, WGBW had a CP for U4 10000/200 moving here. They then applied for **U4 10000/50, which has been approved, still moving to Denmark.** [Last issue we reported they applied for U4 10000/500, which was in error.]
- 1640 WTNI MS **Biloxi – After having operated under an STA with U1 2500/2500 as they were replacing their tower, WTNI has now returned to their licensed powers of U1 10000/1000.**

CONSTRUCTION PERMIT AMENDMENTS

- 1470 WLQR OH **Toledo – Licensed for U4 1000/1000**, WLQR was issued a CP for U4 1000/700. This amendment requests U4 1000/690.

APPLICATIONS

- 570 WQDR NC **Raleigh – Applies for U1 1000/40.**
- 920 CKNX ON **Wingham – Applies for a ‘nested’ FM repeater on 104.3 MHz to “improve service to listeners of CKNX, and provide fill-in coverage at night and in areas that are most affected by interference in the CKNX current licensed area.”**
- 930 WBCK MI **Battle Creek – Licensed for U4 5000/1000, WBCK is operating** under a Special Temporary Authorization (STA) **with U4 5000/250** as a result of storm damage. One of their four towers collapsed and besides operating with lower nighttime power, both patterns are affected.
- 1340 WKSN NY **Jamestown – After operating** for many years from a rooftop antenna **with (currently U1 500/1000)**, WKSN has applied to diplex its signal into the tower of co-owned WJTN-1240. Because WJTN’s tower is much more taller and more efficient than WKSN’s short rooftop site, WKSN would reduce their power levels to become U1 260/520 to maintain its existing coverage area.



APPLICATION AMENDMENTS

- 1120 WKAJ NY **Little Falls – This new station, not yet on the air, has a CP for U2 1500/250.** They applied for U4 10000/400 moving to St. Johnsville, amended the application to U7 10000/400 CH 10000, still at St. Johnsville.
- 1260 WWRC DC **Washington – Licensed for U4 5000/5000**, WWRC applied for U4 20000/5000. This amendment requests U4 25000/5000. The application for 20 kW is rescinded.
- 1280 WDNT TN **Dayton – Licensed for U1 1000/31**, WDNT was taken silent in October 2009 by the owners for financial reasons. In June 2010 WDNT was sold and the new owners filed for, and which they are operating under, an **STA with U1 500/31**. They have now applied to return to the original U1 1000/31 from a new tower site.
- 1520 WSVX IN **Shelbyville – Licensed for U4 1000/250**, WSVX applied for U1 260/4 CH 260. The CH portion of that application has been rescinded leaving the application as U1 260/4.

LICENSE CANCELLATIONS/CALL LETTERS DELETED

- 1400 WOBG WV **Clarksburg – Station has been silent for more than one year.**

APPLICATIONS FOR NEW STATIONS

- 1020 APP NV **Blue Diamond – Applies for U4 5000/250.**
- 1330 APP AZ **Prescott Valley – Applies for U4 800/250.**

DISMISSALS AND DELETIONS

- 720 WVOA NY **Dewitt – License cancelled; call deleted** per licensee’s request.
- 890 APP CA **Chico – Application for a new station.**
- 930 WLVF FL **Haines City – License cancelled; call deleted** per licensee’s request.
- 1260 WSHU CT **Westport – Application to move to Stratford with U1 1000/18. WSHU remains U1 1000/9 at Westport.**
- 1260 KTUE TX **Tulia – License cancelled; call deleted.**
- 1340 WFSH FL **Valparaiso-Niceville – License cancelled; call deleted.** [Hey! I worked there in the early 70s!!!]

1490 WPNT IN South Bend – License cancelled; call deleted. [station had either been silent or operating with 200 Watts from a long wire antenna since January of 2010. Their license expired on April 21, 2011 and they did not file for renewal.]

AM ON FM

970 WMPW VA Danville – W279AO (103.7) Danville
 1130 WASP PA Brownsville – WPKL (99.3) Uniontown
 1130 WHHW SC Hilton Head Island – W282AT (104.3) Hilton Head Island
 1240 WHBU IN Anderson – W275AJ (102.9) Muncie
 1290 WTKS GA Savannah – W249BS (97.7) Savannah
 1340 WKOZ MS Kosciusko – WKOZ-FM (98.3) Carthage
 1430 KAOL MO Carrollton – K267BM (101.3) Bosworth
 1600 WHOL PA Allentown – W258BM (99.5) Easton



HEAR AND THAR

- ✿ **Returning to the airwaves:** WIIN-780 Ridgeland, Mississippi is back on with country // WUSJ 96.3 Madison and US 96 as a slogan; KMPH-840 Modesto, California has returned, this time with Spanish religion; WMPW-970 Danville, Virginia returns to the air with Rhythmic AC as AMP 103 point 7, simulcasting on W279AO 103.7 Danville; KXPD-1040 Tigard, Oregon is back, this time with Chinese from CRI; KUDO-1080 Anchorage, Alaska returns with Fox Sports using the slogan AM 1080, the Ticket; WTJH-1260 East Point, Georgia has returned with Black Gospel; WVZN-1580 Columbia, Pennsylvania.
- ✿ **Reported as Silent:** KVOC-1230 Casper, Wyoming; WPLY-960 Pocono, Pennsylvania; WTYL-1290 Tylertown, Mississippi; WDOD-1310 Chattanooga, Tennessee has turned in their license [See News Item below]; WBHV-1330 Somerset, Ohio; KWMO-1350 Washington, Missouri; KFCR-1490 Custer, South Dakota; WNWR-1540 Philadelphia, Pennsylvania.
- ✿ **Fines:** A fine of \$25,000 has been assessed to KBPO-1150 Port Neches, Texas for “willful and repeated” violations concerning failure to maintain a main studio with a meaningful management and staff presence (\$10,000) and “willful and repeated” violations concerning failure to maintain a Public Inspection File (\$15,000); WKWL-1230 Florala, Alabama has been fined \$1500 for failure to file for renewal in a timely manner; a fine of \$9000 has been assessed to WGIV-1370 Pineville, North Carolina for failure to properly maintain their Public Inspection File; KZER-1250 Santa Barbara, California has been fined \$6000 for failure to register its two towers with the FCC and FAA; KZUE-1460 El Reno, Oklahoma is fined \$4000 (initially \$7000) for late filing for license renewal and for operating after the term of the license had expired.
- ✿ **News Item:** Clear Channel Communications has donated KFXN-690 Minneapolis, Minnesota and WTOC-1360 Newton, New Jersey to the Minority Media and Telecommunications Council.
- ✿ **News Item:** Chattanooga’s oldest station, WDOD-1310, has signed off after 86 years. The owner is selling the 22 acres associated with the station to the Baylor School, and turning in the license to the FCC, according to the Chattanooga. The station had most recently been running in a simulcast with WDEF-1370. General Manager Bernie Barker says “. . . the equipment was very old”. WDOD signed on April 23, 1925 by Norman Thomas and Earl Winger. They were in the business of making crystal radio sets, so for them and many others, it seemed like a natural extension of their business to operate a radio station that would get people to buy their sets. Many department stores that sold radio receivers did the same thing, and became station owners. In the case of Chattanooga’s WDOD, it retained the same call letters for its entire existence. The AM signed off the air on Wednesday, June 1.
- ✿ **News Item:** Mexico’s spectrum regulating authority, COFETEL, has made a ruling which allows HD Radio on all AM and FM stations. Our southern neighbor first authorized HD in 2007 for stations within 200 miles of the U.S. border, but this action allows the technology to be used on all stations anywhere in the country.
- ✿ **News Item:** Mark your calendars! On **November 9** (a Wednesday) at 2 PM Eastern Standard Time (1 PM Central, etc), every broadcast station licensed by the FCC will be (read that ‘should be’) participating in the first nationwide Emergency Action System test. This means that no matter what station are listening to, you’ll hear that famous ‘message’, which will last between 3 and 3-1/2 minutes. The Emergency Action Termination (EAT) code will not be used. The test will consist of the Emergency Action Notification (EAN) code followed by the audio message and finishing with the End of Message (EOM) code. Such a test was already conducted in Alaska which revealed a lot of faults in the system, and lessons were learned by

both the stations and the government agencies involved (the FCC and FEMA). Each station must report to the FCC whether or not the test was run successfully, and the Feds indicated fines will be in order if the test is not complied with.

✿ **Thanks to: Perry Crabill, Wayne Heinen, Jeff Kitsko, Tim Noonan, Dave Schmidt, Al Tobia, Jim Weber and Radio World Online.** If you have news or updates that others would benefit knowing about, let us know and we'll get the word out. 73!

GRAVEYARD DX ACHIEVEMENTS - UPDATE

* record held by DXer from North America (excluding Alaska)

+ record held by a DXer in USA/Canada where a Canadian/USA record exceeds that mileage

1240 kHz

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
WCRW IL	Chicago	Gary Siegel	Toledo, OH	+ 218
KBIZ IA	Ottumwa	Gary Siegel	Toledo, OH	+ 461
KICD IA	Spencer	Gary Siegel	Toledo, OH	+ 601
WCEM MD	Cambridge	Gary Siegel	Toledo, OH	+ 449
WOCB MA	West Yarmouth	Gary Siegel	Toledo, OH	+ 688
WATT MI	Cadillac	Gary Siegel	Toledo, OH	+ 200
WJPD MI	Ishpeming	Gary Siegel	Toledo, OH	+ 392
WJON MN	St. Cloud	Gary Siegel	Toledo, OH	+ 594
WSNJ NJ	Bridgeton	Gary Siegel	Toledo, OH	* 464
WGBB NY	Freeport	Gary Siegel	Toledo, OH	+ 524
WGVA NY	Geneva	Gary Siegel	Toledo, OH	+ 345
WSNY NY	Schenectady	Gary Siegel	Toledo, OH	* 496
WCNC NC	Elizabeth City	Gary Siegel	Toledo, OH	+ 540
WJNC NC	Jacksonville	Gary Siegel	Toledo, OH	+ 583
WRNC NC	Raleigh	Gary Siegel	Toledo, OH	487
WSEW PA	Selinsgrove	Gary Siegel	Toledo, OH	* 353
WKDK SC	Newberry	Gary Siegel	Toledo, OH	+ 521
WSKI VT	Montpelier	Gary Siegel	Toledo, OH	* 585
WSSV VA	Petersburg	Gary Siegel	Toledo, OH	+ 450
WTON VA	Staunton	Gary Siegel	Toledo, OH	+ 342
WKOY WV	Bluefield	Gary Siegel	Toledo, OH	+ 329
WTIP WV	Charleston	Gary Siegel	Toledo, OH	+ 247
WOMT WI	Manitowoc	Gary Siegel	Toledo, OH	+ 268
WIBU WI	Poynette	Gary Siegel	Toledo, OH	+ 320

1340 kHz

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
WJOI AL	Florence	Gary Siegel	Toledo, OH	+ 525
KBRS AR	Springdale	Gary Siegel	Toledo, OH	+ 682
WOOK DC	Washington	Gary Siegel	Toledo, OH	+ 401
WALH GA	Mountain City	Gary Siegel	Toledo, OH	465
KROS IA	Clinton	Gary Siegel	Toledo, OH	(Tie) + 343
KNHN KS	Kansas City	Gary Siegel	Toledo, OH	+ 612
KSEK KS	Pittsburg	Gary Siegel	Toledo, OH	+ 662
WLEW MI	Bad Axe	Gary Siegel	Toledo, OH	+ 150
WMTE MI	Manistee	Gary Siegel	Toledo, OH	+ 226
WEXL MI	Royal Oak	Gary Siegel	Toledo, OH	+ 60
KVBR MN	Brainerd	Gary Siegel	Toledo, OH	+ 619
KDLM MN	Detroit Lakes	Gary Siegel	Toledo, OH	+ 705
KROC MN	Rochester	Gary Siegel	Toledo, OH	482
KLID MO	Poplar Bluff	Gary Siegel	Toledo, OH	+ 498
KSMO MO	Salem	Gary Siegel	Toledo, OH	509
KICK MO	Springfield	Gary Siegel	Toledo, OH	+ 607
WDCR NH	Hanover	Gary Siegel	Toledo, OH	* 591
WMBO NY	Auburn	Gary Siegel	Toledo, OH	* 367
WIRY NY	Plattsburgh	Gary Siegel	Toledo, OH	* 550
WOOW NC	Greenville	Gary Siegel	Toledo, OH	+ 535
WAIR NC	Winston-Salem	Gary Siegel	Toledo, OH	+ 426
KGPC ND	Grafton	Gary Siegel	Toledo, OH	* 821

KXXY	OK	Oklahoma City	Gary Siegel	Toledo, OH	* 821
WCVI	PA	Connellsville	Gary Siegel	Toledo, OH	+ 236
WOYL	PA	Oil City	Gary Siegel	Toledo, OH	+ 200
WHAT	PA	Philadelphia	Gary Siegel	Toledo, OH	* 452
WRAW	PA	Reading	Gary Siegel	Toledo, OH	* 409
WWPA	PA	Williamsport	Gary Siegel	Toledo, OH	+ 341
WOKE	SC	Charleston	Gary Siegel	Toledo, OH	+ 643
WRHI	SC	Rock Hill	Gary Siegel	Toledo, OH	487
WSSC	SC	Sumter	Gary Siegel	Toledo, OH	563
WBAC	TN	Cleveland	Gary Siegel	Toledo, OH	+ 455
WKRM	TN	Columbia	Gary Siegel	Toledo, OH	460
WCDT	TN	Winchester	Gary Siegel	Toledo, OH	+ 469
WKEY	VA	Covington	Gary Siegel	Toledo, OH	+ 329
WHAP	VA	Hopewell	Gary Siegel	Toledo, OH	+ 450
WJMA	VA	Orange	Gary Siegel	Toledo, OH	+ 372
WMON	WV	Montgomery	Gary Siegel	Toledo, OH	269
WXEE	WV	Welch	Gary Siegel	Toledo, OH	311
KSGT	WY	Jackson	Gary Siegel	Toledo, OH	1387
CKNR	ON	Elliot Lake	Gary Siegel	Toledo, OH	+ 329
CFBQ	ON	Parry Sound	Gary Siegel	Toledo, OH	+ 310
CKOX	ON	Woodstock	Gary Siegel	Toledo, OH	176
CJAN	QC	Asbestos	Gary Siegel	Toledo, OH	* 645
CFOM	QC	Quebec	Gary Siegel	Toledo, OH	* 706

1400 kHz

<u>Station</u>		<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
WJHO	AL	Opelika	Gary Siegel	Toledo, OH	+ 631
WILI	CT	Willimantic	Gary Siegel	Toledo, OH	* 587
WSDO	FL	Sanford	Gary Siegel	Toledo, OH	899
KCOG	IA	Centerville	Gary Siegel	Toledo, OH	+ 491
WSJM	MI	St. Joseph	Gary Siegel	Toledo, OH	+ 152
WTCM	MI	Traverse City	Gary Siegel	Toledo, OH	238
WMIN	MN	St. Paul	Gary Siegel	Toledo, OH	* 536
KJCF	MO	Festus	Gary Siegel	Toledo, OH	433
KSIM	MO	Sikeston	Gary Siegel	Toledo, OH	+ 464
WABY	NY	Albany	Gary Siegel	Toledo, OH	+ 505
KWON	OK	Bartlesville	Gary Siegel	Toledo, OH	+ 745
WGTN	SC	Georgetown	Gary Siegel	Toledo, OH	+ 616
WHCQ	SC	Spartanburg	Gary Siegel	Toledo, OH	471
KGVL	TX	Greenville	Gary Siegel	Toledo, OH	+ 904
WWOC	VA	Portsmouth	Gary Siegel	Toledo, OH	+ 511
WBOY	WV	Clarksburg	Gary Siegel	Toledo, OH	* 237
WRJN	WI	Racine	Gary Siegel	Toledo, OH	+ 230
WRDB	WI	Reedsburg	Gary Siegel	Toledo, OH	+ 355
CJFP	QC	Rivière du Loup	Gary Siegel	Toledo, OH	+ 805

1450 kHz

<u>Station</u>		<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>
WDIG	AL	Dothan	Gary Siegel	Toledo, OH	+ 729
WMVG	GA	Milledgeville	Gary Siegel	Toledo, OH	+ 594
WAFX	IN	Fort Wayne	Gary Siegel	Toledo, OH	+ 91
WWXL	KY	Manchester	Gary Siegel	Toledo, OH	+ 312
WLKS	KY	West Liberty	Gary Siegel	Toledo, OH	+ 259
WATZ	MI	Alpena	Gary Siegel	Toledo, OH	+ 235
WKLA	MI	Ludington	Gary Siegel	Toledo, OH	+ 215
WMBH	MO	Joplin	Gary Siegel	Toledo, OH	+ 667
WGNC	NC	Gastonia	Gary Siegel	Toledo, OH	+ 460
WIZS	NC	Henderson	Gary Siegel	Toledo, OH	+ 461
WHKP	NC	Hendersonville	Gary Siegel	Toledo, OH	+ 442
WFBS	NC	Spring Lake	Gary Siegel	Toledo, OH	+ 513
WJER	OH	Dover	Gary Siegel	Toledo, OH	+ 135
WMPT	PA	South Williamsport	Gary Siegel	Toledo, OH	(Tie) 342

WQSN	SC	Charleston	Gary Siegel	Toledo, OH	+ 644
WDSG	TN	Dyersburg	Gary Siegel	Toledo, OH	499
WENZ	VA	Highland Springs	Gary Siegel	Toledo, OH	436
WLPM	VA	Suffolk	Gary Siegel	Toledo, OH	506
WWBB	WV	Madison	Gary Siegel	Toledo, OH	+ 266
CFJR	ON	Brockville	Gary Siegel	Toledo, OH	* 441
CHEF	QC	Granby	Gary Siegel	Toledo, OH	+ 600

1490 kHz

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>DX Location</u>	<u>Miles</u>	
KOTN	AR	Pine Bluff	Gary Siegel	Toledo, OH	689
WMLS	GA	Monroe	Gary Siegel	Toledo, OH	534
WESL	IL	East St. Louis	Gary Siegel	Toledo, OH	+ 408
KTOP	KS	Topeka	Gary Siegel	Toledo, OH	+ 663
WFXV	KY	Middlesboro	Gary Siegel	Toledo, OH	+ 350
WOMI	KY	Owensboro	Gary Siegel	Toledo, OH	+ 330
KQDS	MN	Duluth	Gary Siegel	Toledo, OH	+ 550
KLNG	NE	Omaha	Gary Siegel	Toledo, OH	* 643
WBTA	NY	Batavia	Gary Siegel	Toledo, OH	* 289
WOLF	NY	Syracuse	Gary Siegel	Toledo, OH	* 389
WRNB	NC	New Bern	Gary Siegel	Toledo, OH	+ 572
WSTP	NC	Salisbury	Gary Siegel	Toledo, OH	+ 445
WESB	PA	Bradford	Gary Siegel	Toledo, OH	+ 255
WNBT	PA	Wellsboro	Gary Siegel	Toledo, OH	* 323
WOPI	TN	Bristol	Gary Siegel	Toledo, OH	+ 359
WROL	TN	Knoxville	Gary Siegel	Toledo, OH	+ 395
WJJM	TN	Lewisburg	Gary Siegel	Toledo, OH	464
WFAD	VT	Middlebury	Gary Siegel	Toledo, OH	* 551
WSGB	WV	Sutton	Gary Siegel	Toledo, OH	257
WLCX	WI	La Crosse	Gary Siegel	Toledo, OH	+ 415

NRC Log Update

Wayne Heinen amradiolog@nrcdxas.org
P.O. Box 473251
Aurora CO 80047-3251

It's hard to believe that it is July already and the August 1 deadline for changes to the *AM Radio Log* database is growing near.

Anyone wishing to help proof a geographical area in the USA or Canada, please let me know. The easiest way to proof an area is for me to send you an Excel spreadsheet or a Word document. If you change a piece of data, change the font color to red or blue and then I will know which fields to update. When volunteering, let me know which format will work for you! For snail-mailers, just drop me a note with the areas and I'll send you a Log-type printout that can be annotated and returned by snail-mail. Either way, please use the e-mail or snail-mail address above.

The *Log* will hit the streets on or about September 1. I am still researching the printing and postage costs, so keep your eye here for announcements about when we'll be ready to accept pre-orders.

Please note the current list of silent stations. Send any corrections, changes, etc. to me by August 1 for inclusion in the next *Log*.

540	WASG	Daphne, AL	4/2011	730	WLTQ	Charleston, SC	9/2010
560	WCKL	Catskill, NY	7/2010	740	WHMT	Tullahoma, TN	11/2010
570	WQDR	Raleigh, NC	4/2011	780	WZZX	Lineville, AL	5/2010
580	WLVA	Lynchburg, VA	8/2010	780	WIIN	Ridgeland, MS	6/2009
590	WREN	Carrollton, AL	7/2009	790	CIGM	Sudbury, ON	7/2010
590	WGTM	Wilson, NC	3/2010	810	WSJC	Magee, MS	4/2011
690	KZEY	Tyler, TX	9/2006	810	WCTA	Alamo, TN	1/2010
710	KAPZ	Bald Knob, AR	6/2009	840	KMPH	Modesto, CA	8/2010

850	KXGM	Waterloo, IA	12/2009	1320	WHHO	Hornell, NY	7/2010
850	WPFJ	Fairview, TN	6/2010	1340	WFSH	Valparaiso-Niceville, FL	3/2009
850	CKBA	Athabasca, AB	7/2010	1340	WKCB	Hindman, KY	10/2009
860	KWRF	Warren, AR	2/2010	1340	WMTE	Manistee, MI	10/2010
880	WBKZ	Jefferson, GA	2/2009	1340	WAML	Laurel, MS	3/2010
890	KDJQ	Meridian, ID	5/2010	1340	WWNH	Madbury, NH	6/2010
890	WHJA	Laurel, MS	9/2008	1340	KSSR	Santa Rosa, NM	2/2011
900	WATV	Birmingham, AL	5/2011	1340	WMON	Montgomery, WV	4/2010
900	WWLK	Eddyville, KY	12/2002	1350	KZTD	Cabot, AR	5/2011
900	WCME	Brunswick, ME	7/2008	1350	KWMO	Washington, MO	3/2011
910	WSRP	Jacksonville, NC	1/2009	1360	KBYO	Tallulah, LA	12/2010
910	WNHV	White River Junction, VT	5/2010	1370	KZSF	San Jose, CA	10/2010
930	WEZZ	Monroeville, AL	1/2010	1370	WPAZ	Pottstown, PA	12/2009
940	WGRP	Greenville, PA	2/2011	1380	KMUS	Sperry, OK	1/2010
940	KTON	Belton, TX	6/2009	1390	WROP	Belton, SC	6/2009
950	KSEW	Seward, AK	11/2008	1400	KCLA	Pine Bluff, AR	12/2008
950	WGTA	Summerville, GA	6/2009	1400	WIEL	Elizabethtown, KY	9/2009
950	KRRP	Coushatta, LA	10/2010	1400	KWLA	Many, LA	7/2009
980	WTOT	Marianna, FL	5/2010	1400	WEED	Virginia, MN	12/2002
990	KZZB	Beaumont, TX	2/2011	1400	WYKC	Grenada, MS	2/2011
1010	WCOC	Dora, AL	1/2010	1400	WPAY	Portsmouth, OH	5/2011
1010	KDLA	De Ridder, LA	2/2008	1400	WLSB	Copperhill, TN	4/2011
1040	KXPD	Tigard, OR	12/2009	1400	WOBG	Clarksburg, WV	12/2009
1060	KIPA	Hilo, HI	10/2010	1410	WYIS	McRae, GA	2/2009
1060	WGSB	Mebane, NC	1/2009	1410	WDSK	Cleveland, MS	1/2010
1080	WALD	Johnsonville, SC	6/2009	1410	WSTN	Somerville, TN	6/2009
1090	KULF	Bellville, TX	12/2009	1420	KSTN	Stockton, CA	2/2010
1110	KLIB	Roseville, CA	4/2006	1420	WLET	Toccoa, GA	9/2009
1120	KLIM	Limon, CO	10/2002	1420	WQBC	Vicksburg, MS	6/2009
1130	KPWX	Mount Angel, OR	4/2010	1420	WIGG	Wiggins, MS	2/2010
1140	KPWB	Piedmont, MO	4/2009	1420	WVOT	Wilson, NC	6/2010
1150	WDTM	Selmer, TN	7/2009	1430	KMBQ	Wasilla, AK	2/2011
1170	WQHC	Hanceville, AL	10/2007	1430	WCWC	Williamsburg, KY	10/2010
1190	KMFX	Wabasha, MN	2/2008	1430	WQQQ	Durand, WI	9/2008
1200	WJES	Saluda, SC	1/2010	1440	WSEL	Pontotoc, MS	4/2010
1210	KEVT	Sahuarita, AZ	7/2010	1440	WNYG	Babylon, NY	7/2010
1210	WDGR	Dahlongega, GA	9/2009	1450	WCOX	Camden, AL	10/2009
1220	WAYE	Birmingham, AL	8/2010	1450	WQKC	Jeffersonville, IN	8/2010
1220	CHSC	St Catharines, ON	10/2010	1450	WROB	West Point, MS	12/2009
1220	CKSM	Shawinigan, QC	6/2010	1450	KYLW	Lockwood, MT	3/2010
1230	WNUZ	Talladega, AL	7/2007	1450	KLZS	Eugene, OR	12/2009
1230	WWSD	Quincy, FL	5/2006	1450	WTOD	Hartsville, SC	10/2010
1230	WLNR	Kinston, NC	4/2009	1450	WBVA	Bayside, VA	1/2010
1240	WULA	Eufaula, AL	7/2009	1460	WPON	Walled Lake, MI	10/2010
1240	WBGC	Chipley, FL	9/2010	1470	WPGG	Evergreen, AL	1/2009
1240	WKIQ	Eustis, FL	7/2010	1480	WQTM	Fair Bluff, NC	5/2010
1240	WGUY	Ellsworth, ME	1/2011	1490	WIRB	Level Plains, AL	11/2009
1240	WSDT	Soddy-Daisy, TN	1/2010	1490	KOTN	Pine Bluff, AR	12/2008
1240	KPBL	Hemphill, TX	2/2008	1490	KXLQ	Indianola, IA	4/2009
1240	KRAL	Rawlins, WY	7/2010	1490	WIKC	Bogalusa, LA	10/2009
1240	CBMO	Lac-Megantic, QC	7/2010	1490	KBSR	Laurel, MT	4/2010
1250	WIPS	Ticonderoga, NY	12/2009	1490	WTQS	Cameron, SC	6/2009
1260	WBBK	Blakely, GA	12/2009	1490	KFCR	Custer, SD	6/2010
1260	WTJH	East Point, GA	12/2009	1490	KIBL	Beeville, TX	2/2011
1260	WCSA	Ripley, MS	8/1992	1490	KOGN	Ogden, UT	12/2008
1260	KIMB	Kimball, NE	9/2008	1500	KSJX	San Jose, CA	10/2010
1270	KVCL	Winnfield, LA	7/2009	1500	WQMS	Quitman, MS	6/2009
1280	KVWG	Pearsall, TX	10/2008	1500	WTNE	Trenton, TN	7/2009
1280	WOWZ	Appomattox, VA	6/2010	1510	WQQW	Highland, IL	3/2011
1290	WATO	Oak Ridge, TN	3/2010	1520	KHLT	Hallettsville, TX	6/2009
1300	WKSC	Kershaw, SC	4/2011	1530	KCLR	Ralls, TX	6/2009
1310	WDOD	Chattanooga, TN	5/2011	1540	WKDG	Sumiton, AL	9/2005

1540	WKXG	Greenwood, MS	5/2010	1570	WNKX	Centerville, TN	6/2009
1540	WNWR	Philadelphia, PA	6/2011	1580	WIOL	Columbus, GA	2/2011
1550	WSHN	Fremont, MI	12/2008	1580	WBBA	Pittsfield, IL	9/2003
1550	WCLY	Raleigh, NC	4/2011	1580	WRDD	Ebensburg, PA	9/2010
1550	WVAB	Virginia Beach, VA	1/2010	1590	WZUM	Carnegie, PA	3/2010
1550	WZRK	Lake Geneva, WI	4/2011	1590	KLRK	Mexia, TX	3/2011
1560	WCMA	Daleville, AL	1/2010	1600	WBTO	Linton, IN	12/2006
1560	KDDA	Dumas, AR	1/2000	1600	WLUZ	Bayamon, PR	5/2010
1560	WMBH	Joplin, MO	4/2009	1650	KYHN	Fort Smith, AR	4/2008
1560	KKUZ	Sallisaw, OK	12/1999	1660	WGIT	Canovanas, PR	1/2010
1560	KNGR	Daingerfield, TX	3/2011				

Domestic DX

Digest – East

U.S./Canadian Loggings from Eastern/Atlantic Time Zones. All ELT.

Mike Brooker patria1818@yahoo.com

99 Wychrest Avenue

Toronto, ON M6G 3X8 CANADA

REPORTERS

- KK-VA** **Kraig Krist, Manassas** – NRD-545, homemade 134 foot multiband antenna running NW to SE.
- TLK-FL** **Terry L. Krueger, Clearwater** – JRC NRD-535, IC-R75 and several other receivers, roof dipole, in-room random wire.
- TLK-GSMNP** **Terry L. Krueger, TN, NC, northeast GA** – Traveling to/from hiking, with approximate location of reception noted – Hyundai Sonata car radio.
- JW-PA** **Jim Weber, Lancaster** – Station news.
- MKB-ON** **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus) (no DX to report. My loggings have gone fishing until September!).

STATION NEWS

- 1580 WVZN PA** **Columbia** – Returns to the air after about three weeks of being off or broadcasting intermittently. Noted 6/17 with SS religious programs. I have been over to the transmitting site a couple times but without anyone being there. Their trailer and longwire are situated in a commercial compound along with a couple houses. The wire running between the poles is about 125 feet long. (JW-PA)

UNID

- 730 UNID --** - 5/30 0355 – Typical ESPN radio programming in mix with other talk stations, station promo: "You're listening to ESPN radio Danville...espninva dot com...". Is this WMNA in Gretna, VA with a format change? Gretna is not too far from Danville, Roanoke, Bedford and Lynchburg (stations listed at espninva.com) (KK-VA) [Yes, I've heard this as well, and it is definitely WMNA. – DY]

TIS/HAR

- 530 WNMY250** **FL Lake City** (Columbia County Tourism Development) – 5/26 0755 – Usual long loop on area outdoor rivers and parks, Olustee Battlefield, hotels, etc. Male "WNMY250 5-30 AM on your radio dial" sporadically dropping atop the loop. (TLK-GSMNP)
- 830 (TIS)** **GA Atlanta** – 5/21 1600 – Hartsfield-Jackson Atlanta International Airport with usual male parking loop. Strong on I-75/I-285 (south metro Atlanta). (TLK-GSMNP)
- 1610 (TIS)** **FL Crystal River** – 5/21 1000 – Manatee Information Radio with usual long environmental loop by young Southern-accented female. Fairly small signal coverage. Audible while passing through on US-19. (TLK-GSMNP)
- FL Micanopy** – 5/26 0835 – Payne's Prairie State Park TIS with usual long loop on the Park and wildlife while southbound I-75. (TLK-GSMNP)

- GA Perry Area Convention & Visitor's Bureau** – 5/21 1500 – usual long male and female loop promoting local events, attractions and eco-friendly excursions. Fairly small signal these days, as heard northbound on I-75. **(TLK-GSMNP)**
- GA Forsythe** – 5/21 1520 – TIS noted silent while passing through on I-75. It was active this same week last year. **(TLK-GSMNP)**
- GA Buford Dam at Lake Sidney Lanier** – 5/21 1730 – US Army Corps of Engineers still active with male loop regarding current lake water levels and boating-related information. Extremely weak now, barely audible only on I-985 at exit 12 (Flowery Branch). Probably has a year to go at best before the transmitter croaks. **(TLK-GSMNP)**
- NC Great Smoky Mountains National Park** – 5/22 1700 – Oconaluftee Visitor's



Center TIS finally noted, with dedicated female loop instead of the generic transmitter factory test loop of the past nearly two years. Problem now is, the audio is FMing and there's a big pulsing noise ever second or so, rendering the audio useless. Mostly generic park information with mention of the Sugarlands Visitor's Center on the north end of US-441 near Gatlinburg, and indeed the same loop is used there. The transmitting stick at Oconaluftee remains attached to the back of the old Visitor's Center (which was replaced with the nice new Center in April of this year). Logged on site. Signal barely audible in Cherokee, a couple of miles south. **(TLK-GSMNP)**

- TN Great Smoky Mountains National Park** – 5/22 1630 – Sugarlands Visitor's Center with same loop as at Oconaluftee, only the transmitter is working closer to properly here (but not really – very low modulation). Heard in and near the Center. **(TLK-GSMNP)**

- 1640 (HAR) FL Okahumpka Service Plaza** – 5/26 0935 – Florida's Turnpike HAR with turnpike traffic loop by male and female near the Turnpike exit on I-75. **(TLK-GSMNP)**

LOGGINGS

- 540 WGOP MD Pocomoke City** – 6/2 0355 – In WGTH/WYNN/WETC mix with oldies including Paul Anka's "Put Your Head On My Shoulder," man with "WGOP" ID. **(KK-VA)** *With those call letters, I would expect a conservative talk format rather than oldies! Mike.*
- WETC NC Wendell-Zebulon** – 6/2 0355 – In mix with WGOP, WGTH and WYNN with SS talk and singing, bilingual "WETC Wendell" ID. **(KK-VA)**
- WYNN SC Florence** – 6/2 0355 – Religious programs in mix with WGOP, WGTH and WETC, station promo: "Become a fan on Facebook ... or glory 95.com. This is your station ... Glory 98.5 ... 5-40 AM." **(KK-VA)**
- WGTH VA Richlands** – 6/2 0355 – In WGOP/WYNN/WETC mix with talk show, "5-40 WGTH" ID by woman. **(KK-VA)**
- 620 WHEN NY Syracuse** – 5/26 0355 – In mix with oldie "Wishing on a Star" by Rose Royce, slogan "Power 6-20", ad for car dealer in Syracuse. **(KK-VA)**
- 940 WLQH FL Chiefland** – 5/21 1030 – "The New WZCC, Chiefland" slogan with promos for 940 (WLQH) and 1240 (WZCC) simulcast. Oldies, canned sat-feed, with local spots. Heard while passing through on US-19. Also noted // on 1240 (WZCC-1240 Cross City). **(TLK-GSMNP)**
- 970 WVOP GA Vidalia** – 5/22 1708 – Braves vs. Dodgers game // WFSC-1050. Certainly a Georgia station, as spots for the Barbecue (BBQ?) Inn, EAC (?) Mobile Homes and the Georgia Lottery. WNIV, Atlanta is listed as Christian, still. Checking <http://tunein.com/radio/stations/Atlanta-Braves-Radio-Stations-a37913/> this is the only affiliate listed on 970. Fair at the Oconaluftee Visitor's Center parking lot. **(TLK-GSMNP)**
- 1050 WFSC NC Franklin** – 5/22 1707 – Atlanta Braves vs. LA Dodgers game on Braves Radio Network, ID during break. Poor at the Oconaluftee Visitor's Center parking lot. **(TLK-GSMNP)**
- 1230 WCRO PA Johnstown** – 6/8 2355 – In mix with oldies including Ricky Nelson's "Poor Little Fool" and Tom Jones "It's Not Unusual," slogan "Music of your life, AM 12-30 WCRO." **(KK-VA)**

- WJOI VA **Norfolk** – 6/4 0355 – In mix with oldies including "Feelin' Groovy" by Harpers Bizarre, "Easy" by Commodores. "WJOI" jingle, slogan "Great memories WJOI." (KK-VA)
- 1240 WCNC NC **Elizabeth City** – 6/5 0355 – In mix with WKDK, UNID ESPN station, and several others, playing C&W songs including "Honky Tonk Tennessee" and "On The Road Again", station promo "... classic country AM 12-40... and AM 12-60 WZBO." (KK-VA)
- WKDK SC **Newberry** – 6/5 0355 – Oldies in mix with WCNC and others, out of the mess woman with website promo "...at www.wkdk.com..." (KK-VA)
- 1250 WDVA VA **Danville** – 6/18 2355 – Religious programs in mix with Radio Disney and ESPN stations, man with station promo: "...WDVA with a gospel format. WDVA listening area... 1.9 million...WDVA radio...". (KK-VA)
- 1260 WNXT OH **Portsmouth** – 6/17 2355 – In mix with typical ESPN radio programming, station promos: "Your hometown voice... leader in sports...ESPN sports radio 12-60 WNXT Portsmouth", "...right here on ESPN radio 12-60 WNXT." (KK-VA)
- 1270 WCBC MD **Cumberland** – 6/14 2355 – In mix with WUCO, station promo "WCBC. You can listen right here...12-70 AM. When you...news...right now...keep in touch...America's great radio station...12-70 AM WCBC Cumberland and on the web..." into ABC news. (KK-VA)
- WUCO OH **Marysville** – 6/14 2355 – Mixing with WCBC with oldies including Doors "Hello, I Love You", station promo: "One great song after another...listen to Ohio's...weekday morning from 5 till 8 on true oldies WUCO." (KK-VA)
- 1280 WIPC FL **Lake Wales** – 6/2 1745 – Surprised to hear pieces of this 1 kWer weak under WTMY, Sarasota (Talk format) with Mexican vocals. This one is in a small, dilapidated (shocker) free-standing block building on the north side of Mountain Lake Cutoff Road, just before entering Bok Tower's grounds as per my noticing it awhile back when visiting Bok. (TLK-FL)
- WADO NY **New York** – 6/16 2355 – In mix over Fox Sports station with SS programming, at 0000 man with ToH "WADO" ID in EE. (KK-VA)
- 1290 WNIL MI **Niles** – 6/19 2355 – Mixing with WHIO and WFBG, woman with local weather and "News talk 12-90 WNIL" ID. (KK-VA)
- WHIO OH **Dayton** – 6/19 2355 – In WNIL and WFBG mix with ID as "...Dayton's...AM 12-90 WHIO...talk radio..." (KK-VA)
- WFBG PA **Altoona** - 6/19 2355 – In WNIL and WHIO mix with station promo: "Father's day on the big 12-90 WFBG." Promo for "Follow the Pittsburgh Pirates all season long on WFBG...", Coast to Coast AM with a repeat program from Halloween. (KK-VA)
- 1300 WAVZ CT **New Haven** – 6/20 2355 – In WJZ mix with usual ESPN radio programming, man with "...sports...WAVZ..." ID. (KK-VA)
- WMTM GA **Moultrie** – 5/25 1750 – Heard southbound I-75 north of Valdosta with Michael Medved syndicated talk, no ID TOH, into CBS news, again no ID coming out of the news and national spots when back to Medved. Signal virtually gone at the FL/GA state line. (TLK-GSMNP)
- WJZ MD **Baltimore** – 6/20 2355 – ESPN radio sports talk in mix with WAVZ (also ESPN), both fighting to dominate frequency, station promo: "...sports leader...Baltimore's WJZ...." (KK-VA)
- WMTN TN **Morristown** – 5/23 1330 – Nice oldie C&W/mountain-bluegrass vocals, Morristown store spots. Fair a few miles southwest of Gatlinburg on an unidentified gravel mountain road. (TLK-GSMNP)
- 1340 WALH GA **Mountain City** – 5/25 0852 – Thought they were silent again, passing south on US-441 just before crossing the NC/GA line southbound. But audio abruptly up with overmodulated blob followed a few seconds later by sat-fed Oldies audio and WALH and WGHC (1400, Clayton) canned ID. Also noted // 1400. (TLK-GSMNP)
- WMID NJ **Atlantic City** – 6/6 0355 – In WSTV/WNCO mix with oldies, "AM 13-40 WMID...number 1 in..." station promo. (KK-VA)
- WNCO OH **Ashland** – 6/6 0355 – Talk show in mix with WSTV and WMID, station promo mentioning phone number "... WNCO...877...9900..." (KK-VA)
- WSTV OH **Steubenville** – 6/6 0355 – In WNCO/WMID mix with typical ESPN radio programming, station promo "ESPN... Ohio...12-90 WOMP...13-40 WSTV Steubenville." (KK-VA)

- 1350 WARF OH Akron – 6/23 2355 – In mix with typical Fox Sports radio programming, station promo: "From the Mike Brody studios, this is WARF Akron. Your home of the...Fox Sports 13-50." (KK-VA)
- 1360 WNJC NJ Washington Township – 6/24 2355 – SS programming in mix with talker and Fox Sports station, ToH legal "WNJC" ID by man in EE. (KK-VA)
- 1390 WNIO OH Youngstown – 6/27 2355 – In mix with typical Fox Sports radio programming, station promo: "This is Fox Sports radio. Fox the sports animal...13-90 WNIO." (KK-VA)
- 1410 KQV PA Pittsburgh – 6/30 2355 – In mix with PSA for USO, "When Radio Was" program and Bloomberg Business News, station promo: "This is your station for news, KQV Pittsburgh 14-10 AM and world wide at kqv.com." (KK-VA)
- 1520 WBZW FL Apopka – 5/30 0659 – Male with canned ID: "This is what Orlando has been needing, 15-20 The BIZ... AM 15-20." (TLK-FL)
- WEXY FL Wilton Manors – 5/30 0700 – Abruptly up atop WBZW with male canned, "WEXY, Ft. Lauderdale, 15-20 AM" ID into local spots. No trace of local WXYB, Indian Rocks Beach on the channel yet. (TLK-FL)
- 1590 WPSL FL Port St. Lucie – 5/30 0654 – Dominating with live male, "Your News 15-90, the Talk of the Treasure Coast" slogan into local weather and traffic. No sign of local WRXB, St. Pete Beach on the channel yet. (TLK-FL)
- WALG GA Albany – 5/30 0644 – Sports roundup by two guys, "News Talk 15-90, WALG" ID into Motel 6 etc. ads, back to sports. (TLK-FL)

Domestic DX Jim Tedford Radio_Enthusiast@hotmail.com
 20310 Bothell-Everett Highway B4
Digest – West Bothell, WA 98012-8133

U.S./Canadian Loggings from Pacific/Mtn/Central Time Zones. All times ELT.

Summertime, and not much happening in AM-DXland.

Reporters

- JDT-WA Jim Tedford, Duckytown, WA Toyota Car radio, DXing while stuck in drive-in/drive through lines throughout the greater Puget Sound region.
- JW-CO John Wilkins, Wheat Ridge, CO Drake R-8, 4-foot box loop.
- WH-CO Wayne Heinen, Aurora. Kiwa Loop Drake R8B, E/W Flag, N/S Flag, Dual TG-1 Termination Gizmo w/DX Engineering RPA-1 preamp and Mini DXP5.

Special

- 1470 KRBR CO Estes Park – 7/1 1115 – Out of OLD "KRBR 1470 The Bear" and more OLD music listened for a while noted that they are also still "The True Oldies Channel;" Music was pretty much confined to 60's and 70's. (WH-CO)

In the last year, I've become a great fan of YouTube. It's far more than videos of people falling down or making farting noises over TV soundtracks. It includes lots of radio hobby-related content. Go to the site, and put phrases like "AM radio" or "AM DXing" in the search box. You'll get videos uploaded by radio enthusiasts on all manner of interesting topics: radio reviews, DX sessions, instructions on how to build antennas. Makes one almost hopeful for the future of our hobby. (JDT-WA)

Station News

- 650 KIKK TX Pasadena – Per chron.com (web site for the Houston Chronicle newspaper) KIKK, Pasadena-Houston's only daytime-only talk station will switch to all syndicated talk programs as of July 1. Per PD Gavin Spittle (I can just imagine) the lineup will include shows with Michael Smerconish, Todd Schnitt, and the long-suffering Clark Howard. (JDT-WA)

DX Loggings (All Times ELT)

- 1010 KXXT AZ Tolleson** – 6/28 0658 – SS prayer, then SS/EE legal ID at 0659:50: "Diez Diez AM KXXT [SS], KXXT Tolleson-Phoenix [English]"; a few minutes of dead air was followed by SS inspirational music. Strong signal - must have been on day power/pattern. Ditto next day around the same time. **(JW-CO)**
- 1210 KRSV WY Afton** – 6/15 0659 – Legal ID at 0659:46 by male voice: "You're listening to KRSV Afton-Star Valley, Wyoming," ABC news was up next. Fair signal briefly before fading just after ToH. **(JW-CO)**

Now that DX is not coming fast and furious, you have time to go through all the cassettes and MP3s you recorded during last season to see what's actually there. Me, I have about 6 hours' worth of recordings to go through to see if I finally recorded that Montana station I've been trying for five years, or yet another 120 minutes of the neighbor's doorbell that plays "Some Enchanted Evening." **(JDT-WA)**

- 1440 KODL OR The Dalles** – 6/21 231 – "America's Best Music," with Tony Bennett, Nat King Cole, Rosemary Clooney songs. Lots of promo announcements with "America's Best Music" promos. IDs as "RadioFreshing KODL 1440." Noisy with lots of fades. DXing while waiting for a free pump at the Shell gas station in Kenmore, WA. **(JDT-WA)**
- 1450 KLMX NM Clayton** – 6/9 0803 – ABC news in progress; call letter ID and "Crossroads Country" slogan at 0805; plug for New Mexico Lottery; spotty reception after this with state and local news. **(JW-CO)**

Summer is the time to get all of your antennas, indoor and outdoor, repaired and refreshed for next season. Even if the outside wire insulation appears to be OK, it's worth tracing it along its whole length, and inspecting any connections, solder points or where it is attached to an insulator. Also check any coax lead-ins to make sure there are no breaks, insulation cracks or other faults. If you have to go up on a ladder to do this, please get someone to help you, and to hold the ladder. Seriously. **(JDT-WA)**

- 1460 KAAR WA Kirkland** – 6/28 2023 – In my efforts to stay on top of end-of-the-world / rapture news, I tune into the local Family Radio outlet at least once a day. Today when I checked, usual programming not heard, but rather SS programming played at a slower than normal speed. Relaxing, yet at the same time slightly disconcerting. Program feed problem? Checked back at 2244, and heard normal English programming. DX'd while queued at Bigfoot Java in Bothell, WA. **(JDT-WA)**
- 1490 KKAN KS Phillipsburg** – 5/24 0405 – Faded up with end of news "KKAN 1490" jingle and NOS music. **(WH-CO)**

Although the noise levels are higher, there are summertime opportunities for AM listening/DX if you remember to look for them. Last summer I spent an enjoyable August afternoon driving around residential neighborhoods looking for Talking House broadcasts. In about 90 minutes, I found about a half-dozen. Look at www.talkinghouse.com to see what I'm talking about. **(JDT-WA)**

- 1600 KVRI WA Blaine** – 6/30 0055 – Booming in well past sunset, with (presumed) Punjabi/Hindi programming. Many mentions of phone number in 604 area code. Station is frequently heard in daytime, but never this strong in the evening. On day power and pattern? Heard while in local Dairy Queen drive through. **(JDT-WA)**

Though you wouldn't know it from reading this month's column, I don't eat a lot of fast food or drink that much coffee. But when I'm idling in my car, I always switch on the radio, and hear what I can hear on the AM band. I hope this will not be a cruel, cruel summer for you. See you next time. **(JDT-WA)**

OMAHA October 13-16 – An NRC Adventure!



International DX Digest

Bruce Conti contiba@gmail.com
46 Ridgefield Drive
Nashua, NH 03062-1174

Loggings of stations outside the Lower 48 and Canada. All times UTC.

Trans-Pacific DX

612 **AUSTRALIA** 4QR *ABC National Radio*, Brisbane MAR 1 1200 - ABC news theme, National Radio world and national news; faded out 1207-1211. Poor; moderate to heavy lightning noise, deep fades. [Park-HI]

Trans-Atlantic DX

- 162 **FRANCE** *France Inter*, Allouis JUN 3 0143 - Woman in French; fair over static. [Connelly*R-MA]
- 171 **MOROCCO** *R.Mediterranee Internationale*, Nador JUN 3 0034 - Male Arabic vocal with orchestra; good. [Connelly*R-MA]
- 531 **ALGERIA** *Chaîne 1*, F'kirina Wilaya d'Oum El Bouaghi JUN 3 0143 - Man in Arabic; to fair peak. [Connelly*R-MA]
- 549 **ALGERIA** *Chaîne 1*, Les Trembles JUN 9 0129 - Man and woman in Arabic; fair. [Connelly*Y-MA]
- 585 **SPAIN** *RNE1* Madrid JUN 9 0130 - Woman in Spanish; fair over static crashes. [Connelly*Y-MA]
- 693 **AZORES** *Centro Regional da RDP*, Santa Barbara-Terceira JUN 3 0144 - Tentative. Slow Portuguese-sounding vocal; poor. [Connelly*R-MA]
- 783 **MAURITANIA** *R.Mauritanie*, Nouakchott JUN 3 0143 - Excited Arabic talk by man; fair. [Connelly*R-MA]
- 981 **ALGERIA** *Chaîne 2*, Algiers JUN 3 0102 - Man in French; poor. [Connelly*R-MA]
- 1098 **SPAIN** *RNE5* synchros JUN 3 0031 - Man and woman in Spanish; poor to fair. [Connelly*R-MA]
- 1107 **SPAIN** *RNE5* synchros JUN 3 0130 - Echoey Spanish talk by woman; fair. [Connelly*R-MA]
- 1179 **CANARY ISLANDS//SPAIN** *SER* synchros JUN 3 0100 - Pips, fast-talk news by woman in Spanish; to fair peak. [Connelly*R-MA]
- 1206 **FRANCE** *France Info*, Bordeaux JUN 3 0030 - Light orchestral music, *France Info* fanfare music, man in French; fair to good. [Connelly*R-MA]
- 1215 **SPAIN** *COPE* synchros JUN 3 0029 - Man and woman in Spanish; fair. [Connelly*R-MA]
- 1422 **ALGERIA** *R.Algérienne*, Algiers JUN 3 0031 - Mideast dance club music; fair. [Connelly*R-MA]
- 1521 **SAUDI ARABIA** *BSKSA* Duba JUN 3 0029 - Man in Arabic; some WIZZ and WWKB slop. [Connelly*R-MA]
- 1557 **FRANCE** *France Info*, Fontbonne JUN 3 0054 - Man and woman in French; through tough WQEW slop. [Connelly*R-MA]

Pan-American DX

- 530 **CUBA** *R.Enciclopedia*, La Habana JUN 9 0100 - "Radio Enciclopedia" ID by woman, old-fashioned music; good over static. [Connelly*Y-MA]
- 570 **CUBA** *CMDC R.Reloj*, Santa Clara JUN 9 0100 - Reloj ticks, newstalk; over/under WMCA. [Connelly*Y-MA]
- 580 **PUERTO RICO** *WKAQ* San Juan JUN 3 0201 - Puerto Rican news; mixed with WTAG. [Connelly*R-MA]
- 600 **CUBA** *CMKV R.Rebelde*, Urbano Noris JUN 9 0100 - Rebelde news by woman, electronic "splash" sound between items; over/under WMCA and an unID Latin American. [Connelly*Y-MA]
- 600.13 unID JUN 9 0100 - Possibly Colombia with off-channel growl. [Connelly*Y-MA]
- 610 **CUBA** *CMAN R.Rebelde*, Bahía Honda JUN 9 0059 - 9-note Rebelde sounder; mixed with WIOD. [Connelly*Y-MA]
- 610 **MEXICO** *XEGS* Guasave, Sin JUN 2 1120 - Banda tunes, canned slogans after each song, sounding like "Buenali Sinaloa" or similar, with several variations; MDT time checks (UTC-

- 6). Used to be semi-rare but now noted almost daily before 1130 fadeout. Mixing with, and usually under, KNML. [Wilkins-CO]
- 620 **CUBA** *R.Rebelde*, Colon/Moa JUN 9 0124 – Interview parallel 600; mixed with WZON. [Connelly*Y-MA]
- 630 **CUBA** *R.Progreso*, Camagüey JUN 9 0124 – Parallel 640 with Spanish pop vocal; over/under WPRO. [Connelly*Y-MA]
- 640 **CUBA** *R.Progreso*, multiple sites JUN 9 0059 – *R.Progreso* ID, talk by deep-voiced man, a bit of reverb noted; fair. [Connelly*Y-MA]
- 650 **CUBA** *R.Rebelde*, Santiago de Cuba JUN 9 0059 – Parallel 640 with talk; through WFAN splatter. 0124 talk parallel 640, wobbling-frequency carrier; over HJKH and WSRO. [Connelly*Y-MA]
- 670 **CUBA** *R.Rebelde*, multiple sites JUN 9 0100 – Parallel 600 with Rebelde news by woman, electronic "splash" sound between items; good. [Connelly*Y-MA]
- 690 **CUBA** *R.Progreso*, Santa Clara JUN 9 0059 – Parallel 640 with *R.Progreso* ID, talk by deep-voiced man; fair. [Connelly*Y-MA]
- 710 **CUBA** *R.Rebelde*, multiple sites JUN 9 0124 – Parallel 600 with interview in Spanish, slight echo; under WOR. [Connelly*Y-MA]
- 720 **VENEZUELA** YVQE *R.Oriente*, Porlamar JUN 9 0124 – Oriente mention; in bad WOR IBOC. [Connelly*Y-MA]
- 740 **BRAZIL** ZYH446 *R.Sociedade da Bahia*, Salvador JUN 9 0059 – Reverberated Portuguese talk; poor, over CHCM. JUN 17 0110 – Portuguese talk/shouting, sporting event; over CFZM on 'barefoot ultralight' portable (PL-380). [Connelly*Y-MA]
- 750 **CUBA** CMHV *R.Progreso*, Palmira JUN 9 0059 – *R.Progreso* ID, talk by man; over WSB, CBGY, YVKS. [Connelly*Y-MA]
- 750 **VENEZUELA** YVKS RCR Caracas JUN 3 0200 – Advert or promo "mejor en Caracas"; good, over CBGY. [Connelly*R-MA]
- 760 **BRAZIL** ZYH588 *R.Uirapuru*, Fortaleza JUN 3 0101 – Excited Portuguese talk by man (possibly an advert), then calmer-voice man with talk about "informação"; noisy. [Connelly*R-MA]
- 760 **COLOMBIA** HJAJ RCN Barranquilla JUN 9 0101 – Parallel 1000 with sport-related shouting about Colombia, raygun sounds; good. [Connelly*Y-MA]
- 770 **CUBA** *R.Rebelde*, Victoria de las Tunas JUN 9 0101 – Parallel 670 with news by woman; under WABC. [Connelly*Y-MA]
- 790 **CUBA** *R.Reloj*, Pinar del Río & Holguín, JUN 9 0059 – Ticks, "RR" beeps; over/under WPRV. [Connelly*Y-MA]
- 800 **NETHERLANDS ANTILLES** PJB *TransWorld Radio*, Bonaire JUN 9 0124 – Spanish preaching; over jumble with CJAD, WNNW, others. [Connelly*Y-MA]
- 810 **BAHAMAS** ZNS3 Freeport JUN 9 0124 – Caribbean-accented male preacher, gospel hymn; over WGY, HJCY, others. [Connelly*Y-MA]
- 810 **COLOMBIA** HJCY CARACOL Bogotá JUN 9 0101 – Spanish sport-related shouting parallel 1100; under WGY. [Connelly*Y-MA]
- 819.54 unID JUN 9 0124 – Fairly beefy carrier but no audio extractable. [Connelly*Y-MA]
- 820 **CUBA** *R.Reloj*, Ciego Avila JUN 9 0059 – Reloj program and a "wobbler" bothering WNYC. St. Kitts not noted - unusual. [Connelly*Y-MA]
- 840 **CUBA** CMHW *Dobleve*, Santa Clara JUN 9 0059 – "Esta es Dobleve... de Cuba"; loud. [Connelly*Y-MA]
- 860 **BRAZIL** ZYJ459 *Radio CBN*, Rio de Janeiro JUN 3 0129 – Most likely this with man in Portuguese; briefly over jumble. [Connelly*R-MA]
- 860 **CUBA** *R.Reloj*, Jovellanos JUN 9 0100 – Reloj ticks, beeps; in jumble. [Connelly*Y-MA]
- 860 **VENEZUELA** unID (YVYE or YVOL?) JUN 9 0100 – ID sequence with a couple of Venezuela mentions; jumbled with Cuban Reloj and probable Brazil. [Connelly*Y-MA]
- 870 **CUBA** *R.Reloj*, multiple sites JUN 9 0059 – Ticks, news, "RR" beeps; dominant/in the clear with antenna null aimed NW substantially reducing WLVP. [Connelly*Y-MA]
- 900 **CUBA** *R.Progreso*, San Germán JUN 9 0059 – Parallel 640 et al. with slightly-reverberated deep-voiced man in Spanish; over CKDH. [Connelly*Y-MA]
- 910 **CUBA** *R.Cadena Agramonte*, Camagüey JUN 9 0124 – Cubana mentions and typical tropical jazz; mixed with two others in Spanish (YVRQ, WLAT?) and WAEL. [Connelly*Y-MA]
- 940 **BRAZIL** ZYJ453 Rio de Janeiro JUN 3 0102 – Likely this with soft music, man in Portuguese; briefly over jumble. [Connelly*R-MA]
- 960.14 unID JUN 9 0100 – Het growl. [Connelly*Y-MA]
- 1000 **BRAZIL** ZYK522 *R.Record*, São Paulo JUN 3 0030 – Portuguese adverts, São Paulo mentions; fair. [Connelly*R-MA]

- 1000 **COLOMBIA** HJAQ RCN Cartagena JUN 9 0101 – Parallel 760 with sport-related shouting about Colombia, raygun sounds; good. [Connelly*Y-MA]
- 1020 **CUBA** *R.Reloj*, Victoria de las Tunas JUN 9 0029 – Clock ticks, man and woman with Habana news, beep, Morse code "RR"; fair on USB to dodge WBZ IBOC. [Connelly*Y-MA]
- 1040 **MEXICO** XEGIS Guaymas, Son MAY 29 1100 – Apparently new call letters, ex-XEGYS. Signal is in almost daily around this time, generally fair, sometimes good, with one or two XE's underneath. Canned IDs at top and bottom of the hour, always the same: "Esta es una señal estrella de Radiovisa - XEGIS Diez Cuarenta, frecuencia mega, cinco mil watts..." Address also given as well as mention of 90.1 FM. Fourth letter is definitely I ("ee"). [Wilkins-CO]
- 1040 **MEXICO** unID JUN 15 1116 – Ad string to 1118, then "Ciento tres punto cinco FM, La Tapatía" slogan and into music. Rather weak and soon faded under XEGIS. Possibly XEBBB, since Guadalajara has an FM station on 103.5 FM with this slogan, although sources still show XEBBB with "Radio Mujer" slogan and talk format. [Wilkins-CO]
- 1039.62 **VENEZUELA** YVLB *La Voz de Carabobo*, Valencia JUN 9 0029 – Het, bits of audio. [Connelly*Y-MA]
- 1060.24 unID JUN 9 0120 – Het against WQOM and unID station in Spanish. [Connelly*Y-MA]
- 1090 **BRAZIL** unID JUN 3 0031 – Reverberated Portuguese talk by man, raygun noises; briefly through nulled WBAL. [Connelly*R-MA]
- 1100 **BRAZIL** ZYK694 *R.Globo*, São Paulo, JUN 9 0031 – Globo jingle, Portuguese talk; fair. 0130 Portuguese sportstalk, several São Paulo mentions, Globo ID; good. [Connelly*Y-MA]
- 1100 **COLOMBIA** HJAT CARACOL Barranquilla JUN 9 0101 – Parallel 1170 with CARACOL mention, sportstalk shouting; fair over Brazil. [Connelly*Y-MA]
- 1110 **VENEZUELA** YVQT *R.Carúpano*, Carúpano JUN 3 0201 – Romantic music, then ID by man "En Venezuela, Carúpano"; loud, over WBT. [Connelly*R-MA]
- 1140 **CUBA** *R.Mayabeque*, Mayabeque JUN 4 1250 – Live male ID, soft Spanish ballads, man at 1300 with phoned-in talk with lady, ID. First *R.Mayabeque* log for me, and certainly merely a daytime random plug-and-play via the *R.Cadena Habana* transmitter forever on this channel. At least one other unidentified Cuban weakly under this (not parallel *R.Rebelde* audio, sometimes here). [Krueger-FL]
- 1160 **BERMUDA** VSB3 Hamilton JUN 9 0100 – 5+1 pips, "BBC World Service, it's 1 o'clock GMT", then news about Libya; good. [Connelly*Y-MA]
- 1170 **COLOMBIA** HJNW CARACOL Cartagena JUN 9 0101 – Parallel 1100 with CARACOL ID, sports shouting; poor in jumble. [Connelly*Y-MA]
- 1180 **CUBA** *R.Rebelde*, multiple sites JUN 9 0030 – Rebelde news mentioning Panama, a few notes from Led Zeppelin "Whole Lotta Love" inserted; some synchro-echo. [Connelly*Y-MA]
- 1180 **MEXICO** XEDCH Cd. Delicias, Chih JUN 16 1105 – ID in progress: "...XEDCH, Once Ochenta AM, Romántica Once Ochenta, llegando a ti con cinco mil wats de potencia... [address]... Radiorama, estamos cubriendo la nación..." then back to music. Generally fair. [Wilkins-CO]
- 1180.14 unID JUN 9 0030 – Weak growl. [Connelly*Y-MA]
- 1220 **BRAZIL** ZYJ458 *R.Globo*, Rio de Janeiro JUN 3 0031 – Globo jingle, fast Portuguese talk by man; to good peak, dominant. [Connelly*R-MA]
- 1610 **ANGUILLA** *Caribbean Beacon*, The Valley JUN 9 0030 – Female preacher discussing a passage about Abner and David; good. [Connelly*Y-MA]
- 1620 **CUBA** *R.Rebelde*, La Habana/Guantánamo JUN 3 0005 – 9-note Rebelde fanfare music; in jumble with WDHP and pirates. [Connelly*R-MA]
- 1620 **U.S. VIRGIN ISLANDS** WDHP Frederiksted JUN 9 0030 – Phone-in show with Caribbean-accented woman talking about the government helping the poor; good. [Connelly*Y-MA]

Contributors

Mark Connelly, Rockport & South Yarmouth MA; Microtelecom Perseus, cardioid-pattern Micro-SuperLoop on car roof, square, 2 m per side, with 9:1 xfmr on east bottom corner to speaker wire to 2:1 xfmr to W7IUV transfer amp, and 9:1 xfmr on west corner to speaker wire to 500 ohm null-adjust potentiometer.

Terry L. Krueger, Clearwater FL; JRC NRD-535, ICOM IC-R75, Hammarlund HQ-180A, Aqua Guide 705 Radio Direction Finder, Sangean PR-D5, Sony ICF-7600GR, GE SuperRadio III, RadioShack DX-399, 1 X roof dipole, 1 X in-room random wire.

Dale Park, Honolulu HI; Sangean ATS-818CS, Terk AM1000 loop.

John Wilkins, Wheat Ridge CO; Drake R8, 4-foot box loop.

International News

DENMARK: The Danish national public service radio station *DR* reactivated long wave **243 kHz** using a brand new Nautel 50 kW sender from the current transmitter site in Kalundborg on the western part of Sealand (Sjælland), Denmark. Broadcasting on medium wave **1062 kHz** (250 kW) was scheduled to cease June 27. Broadcasting hours for 243 will remain the same. Cf. WRTH or Euro-African MW Guide for details. The use of 243 kHz with 300 kW was ended in February 2007, but after Turkey left the channel in October 2008, *DR* is the only radio station on this channel. Thus it is estimated that the coverage will be pretty good on 243 although the power utilized is only 50 kW. [Stig Hartvig Nielsen, *mwdx*]

GERMANY: The *MDR Info* transmitter at Wachenbrunn, South Thüringen on **882 kHz** is about to close. JUN 30 2120 a tape loop announcing the closure is being transmitted. Alternative listening is advised, including the 783 kHz transmitter at Leipzig, which carries the regular *MDR Info* service. [Geir, Vestnes, Norway, *RealDX*]

NORWAY: The **630 kHz** AM transmitter at Vigra near Aalesund was switched off June 30 at 0645. The official "job" was performed during the regional service of *NRK* and carried live from the transmitter building. The tower will be taken down September 8 this year, a task contracted to Army specialists. [Geir, Vestnes, Norway, *RealDX*]

PERU: The new station at **1640 kHz** has a new name, *R.Kalikanto*, with slogans: "Desde chamaca-chumbivilcas para el mundo" and "una radio para confiar." David Torres Boza who answered my reception report (thanks Fredrik Dourén for contact info) writes that Chamaca is a small village with about 500 habitants at the altitude of 3800 meters above sea level. [Thomas Nilsson, *RealDX*]

73 and Good DX!

*Pro Sports
Networks*

Barry S. Finkel bsfinkel@ANL.gov
10314 S. Oakley
Chicago, IL 60643-2409

Here is some Major League Baseball information from Dave Alpert:
According to Steve Austin of Montecito Heights, CA via laradio.com:

How Southern California radio will cover baseball this season:

- o KSPN 710 will broadcast the Sunday Night ESPN game of the week, the All Star Game, playoffs and World Series.
- o KABC 790 will carry the Dodgers this season. Hall of Famer Vin Scully, Rick Monday and Charley Steiner will do the play by play. Josh Suchon and Joe Block will be the hosts of post game Dodger Talk.
- o KLAA 830 returns as the home of the Angels. Terry Smith and Jose Mota will call the games and Smith returns as host of post game Angel Talk show.
- o XEPRS 1090 will broadcast the Padres. Hall of Famer Jerry Coleman, Ted Leitner and Andy Masur will do the play by play and John Kentera will take the calls on the post game show.

Here is one Minor League Baseball network list, from Bruce Conti. I tried searching for flagship information, and on the few team sites I searched, the information was not listed. And Google searches, when they produced answers, frequently did not tell me if the flagship station was for the current season or some past season.

PAWTUCKET RED SOX (from team website):

830 WCRN-MA #	1250 WGAM-NH #	1480 WSAR-MA #	1490 WMRC-MA #
900 WGFM-NH #	1340 WNBH-MA	WCFR-VT #	
920 <u>WHJJ-RI</u>	1380 WNRI-RI		96.7 WBLQ-RI #

- Does not broadcast all games.



Seeking Armageddon for the Radio Network that Falsely Predicted It

Multiple complaints have been filed in an effort to shut down
Harold Camping's broadcast empire

By Scott James for the *Bay Citizen* (June 30, 2011)

<http://www.baycitizen.org/columns/scott-james/seeking-armageddon-radio-network-falsely/>

The world did not end on May 21 as Harold Camping, an Oakland evangelist, predicted. But some would still like to see Armageddon — for Camping's radio empire.

Several people have filed complaints with the Federal Communications Commission demanding that the licenses of dozens of AM and FM radio stations owned by Family Radio, Camping's broadcast ministry, be revoked. Copies of the complaints were obtained by The Bay Citizen using a federal Freedom of Information Act request.

The FCC, as per its usual policy, redacted the names of those who filed the complaints — seven were filed between Jan. 11 and May 25. They originated from across the nation in communities where Family Radio has stations, including California, Maryland, New York and Wisconsin.

The complaints said Family Radio had created a public panic and deceived listeners into sending the ministry money; the ministry has said it raised and spent "tens of millions of dollars" promoting the May 21 prediction. At least two grim incidents have been linked to Camping's doomsday message.

Referring to Camping, a complainant from Redwood City, Calif., said: "He has created untold financial catastrophe and abrogated his responsibility as a broadcaster of public airwaves. His licenses should be revoked."

A complaint from Stevensville, Md., said, "They are distributing hateful and homophobic messages on-air including 'Gay Pride is a sign of the end of the world.'"

Another complaint, from Valley Cottage, N.Y., took the FCC to task for not halting the May 21 campaign while it was happening, and said, "If it causes one casualty or tragedy when it could have been prevented well then shame on you."

Family Radio is on 216 AM, FM and low-power radio stations in the United States. Tom Evans, a ministry spokesman, said in an email that there was no formal investigation, and, "The FCC has not contacted us, so I have no interest in commenting."

So far the FCC has taken no action against Family Radio — and it is unlikely to do so.

Officials from the agency would not comment on the record, but commission employees and industry experts said that the federal government does not intervene when religious beliefs are involved, citing the First Amendment and separation of church and state.

The fundamentalist Christian Camping ministry is not affiliated with any church.

There are few examples of the federal government's silencing religious broadcasters. Perhaps the most significant case was in 1939 when the Rev. Charles Coughlin, a Roman Catholic priest and virulent anti-Semite in Michigan, had his popular radio show canceled because of World War II security concerns.

These days the FCC typically admonishes broadcasters when indecency complaints are involved. On Monday the Supreme Court agreed to hear an FCC argument that it should be allowed to fine broadcasters if an obscenity is accidentally uttered during live programming.

Marlene Winelle, a Berkeley psychologist who treats patients suffering from religious trauma, said the FCC should be more concerned about Family Radio than errant curse words.

Winelle referred to two tragedies that have been linked to the May 21 prophecy where people feared being left behind as the rapture occurred, and rather than face an agonizing apocalypse, took horrific action:

In Antioch on May 21, at the hour the rapture was to arrive, Victor Frasnó reportedly tried to reach God across a lake, but could not swim, and drowned. On March 18 in Palmdale, Calif., Lyn Benedetto slit the throats of her two daughters, and then her own, the police said, to prevent them from suffering on the impending doomsday. All survived, and Benedetto is in jail awaiting trial.

"The whole rapture teaching is just abusive," Winelle said, adding she was not surprised that the FCC is unlikely to intercede. "It's hard in such a religious culture to hold anyone accountable."

Dina Ibrahim, associate professor of broadcast and electronic communication arts at San Francisco State University, said she understood people's frustration over the FCC's inaction in a case like Family Radio.

"It's disheartening to see how arbitrary these decisions can seem," Ibrahim said. She said the government tends to act only when children are exposed to content considered obscene.

While the complaints to the FCC have not been effective in muting Family Radio, fate has already intervened. Camping, 89, changed his rapture prediction to Oct. 21, but he is off the airwaves for now. Last month he had a mild stroke and is recuperating in a nursing home.

NRC

Contests

Wayne Heinen amradiolog@nrcdxas.org
4131 Andes Way
Aurora, CO 80013-3831

The final standings have been tabulated and the winners for this season are (drum roll please!) Unlimited Class Richard Lauhead with 678 points and in the Ultra-Light Class Ron Bailey with 1051 points. Each winner receives a one year extension of their National Radio Club Membership. Congratulations Gentlemen!

It is very interesting to note that the over highest score was the Ultra-Light winner with a total of 465 stations logged beating out all other competitors regardless of their award eligibility status. Another interesting statistic is the mileages garnered by the participants in the west seem to reflect the sparseness and the actual distances between major metropolitan areas.

I am working on some new contests, some of those who have made suggestions have indicated that shorter contest periods and possibly more specified goals... "Battle of the Frequencies" were each contest picks the frequency where they think they can log the most stations in a 3 day period, others have suggested "Sprints" similar to amateur radio contests were a specific time period on a specific weekend is the time frame and the number of stations heard during the period determines that the winner.

Do YOU have any ideas of what you might want to see? Please contact me with your ideas and we'll see what we can put together! Hope everyone is enjoying their summer... 73 wayne

Ultra-Light Cumulative Points Contest

Contester	Location	Loggings	Points
<i>Ron Bailey</i>	<i>Marion, NC</i>	465	1051
Russell Curry	Eugene, OR	342	789

Unlimited Cumulative Points Contest

Contester	Location	Loggings	Points
Wayne Heinen*	Aurora, CO	344	839
<i>Richard Lauhead</i>	<i>St Paul, MN</i>	319	678
David Yocis*	Harpers Ferry, WV	313	657
Mike Clancy	Jersey City, NJ	154	334
Gary Houdek	Munden, KS	127	240
Steve Sprague	Coffeyville, KS	94	192
David B Jones	Nashville, TN	35	73
Dale Park	Honolulu, HI	33	51
John R Malicky	Pittsburgh, PA	23	35

Ultra-Light Cumulative Mileage Contest

Contester	Location	Loggings	Total Miles
Russell Curry	Eugene, OR	342	146,324
Ron Bailey	Marion, NC	465	140,238

Unlimited Cumulative Mileage Contest

Contester	Location	Loggings	Total Miles
Wayne Heinen*	Aurora, CO	344	192,014
Richard Lauhead	St Paul, MN	319	143,954
David Yocis*	Harpers Ferry, WV	313	95,328
Dale Park	Honolulu, HI	33	77,159
Steve Sprague	Coffeyville, KS	94	28,111
David B Jones	Nashville, TN	35	11,854
John R Malicky	Pittsburgh, PA	23	8,369

* – Ineligible for prizes.

DX Tool Box

Shawn Axelrod amandx@mymts.net

30 Becontree Bay

Winnipeg, MB R2N 2X9 CANADA

Improving your DX skills – tips from new and veteran members

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 30. This time around we will be looking into the future. No I don't have a crystal ball nor do I know the winning lottery numbers. I was thinking more along the line of receivers. Over the last hundred years or so the receivers we have used have come a long, long way. Yes you can still use a crystal set to hear radio signals or build a regenerative receiver but those are methods used more for fun or nostalgia than for DXing in the 21st century. There are those of us in the hobby that still use radios with tubes in them and they are still great receivers and will never go out of style. After tube radios came the hybrid radio made up of solid state components and tubes. Finally it was on to all solid state with no tubes at all. Yes, receivers that did not glow in the dark except for the frequency display. My first all solid state receiver was my trusty ICOM IC-R70 that is still in regular use to this day.

The next generation of receivers is now here. It is a radio that is not a radio. Yes, no S-Meter, no buttons, and no knobs! The radio is a box you plug into your computer (or a board you can mount right into the computer if you have a CPU box and not a laptop). The thought of a solid box with just a few jacks in the back for power, an antenna and a computer connection cable is a bit weird at first. It's a box, not a radio, your head is telling you! How can it work with no buttons or knobs? Well it works off the computer using the keyboard and a mouse or mouse like add-on. The radio is displayed on the monitor and you work off the virtual receiver on the screen. All you have to do is install the software and away you go. OK yes you have to learn to use it but I can remember going through the manual when I got my Drake R8 trying to figure it out too. There is a learning curve here but in the end it is well worth it.

These Software Defined Radios or SDR's are the next wave for DXing. You have to wrap your head around the idea of using the computer as a radio but after that the things you can do with an SDR far outweighs the fact that there is no radio box as such. You can get several displays on the go on one screen to help you not only tune the radio but "see" where the other stations may be. These displays show a certain band width on the screen and show you on what frequencies there are signals coming in. You can tune to that point and hear what is on that frequency. The displays may also allow you to select all sorts of filters noise cancelling devices modes of operation etc. Think of all your radio's button's displayed a clickable buttons on the screen that you can pick and choose as you see fit. You can fiddle with the settings the same as you do on a regular radio it's just that the fiddling gets done on the screen of your computer. And then there is the being able to select things such as multiple band widths to your own liking not the 2 or 3 settings from the factory in the older receivers. These SDR's offer more selectable bells and whistles than you would find in a conventional receiver.

Here are some links that will help you see what these radios can do:

<http://www.winradio.com/home/g31ddc.htm> WinNRADiO radio information

<http://www.microtelecom.it/perseus/software.html> Perseus radio information

<http://www.youtube.com/watch?v=noesPos7qnE> You Tube video

<http://www.youtube.com/watch?v=bPUMvIprtmo&feature=related> You Tube video

There are dozens of other links on You Tube that you can go through to see more for yourself.

All of this may be well and good you say. It's just a glorified radio in the computer! Well you would be right except for three very important points that I feel will enhance your abilities as a DX'er:

1-The Cost: Here is where these SDR units come into their glory. You can get a very good SRD unit for between \$850 and \$1500 dollars US. OK not cheap but these units will probably perform as well as units costing several times that amount. You get, in my opinion, a real professional unit with enough bells and whistles to keep almost everyone happy without having to mortgage the house.

2-Frequency Guides: There is available at this moment software that you can load up to your computer that will work with your SDR. This software will give you a list of stations available on the frequency you are tuned to so you can have a pretty good idea of what you may be listening to. So far this is available for shortwave frequencies only but perhaps someday we can have our AM LOG from NRC in a digital format and it will work much like the shortwave versions. These various software frequency guides are updated on a regular basis so you can keep up with the ever changing shortwave radio bands. Imagine a AM LOG that is say no more than one month old

instead of one year old as you go to retrieve downloadable updates. An all of this displayed on the screen as you tune the radio!

3-Recording Capabilities: Here is where I see the SDR units winning over DX'ers more so than listeners. I love both my ICOM IC-R70 and Drake R8 receivers but I can only record one station at a time. Yes I can set my recorder to record the one frequency the radio is set to for several time periods for up to two hours in total but only on that frequency. The new WinRADIO WR-G31DDC Excalibur can for example record the entire AM radio band all at once. Yes every frequency from 530 to 1710 kHz at one time. You can set it to start recording at 5 minutes to the hour until 5 minutes after the hour if you want to. All you have to do is go through the recording one frequency at a time and listen to what was there at the recording times. I have seen this done on the Perseus SDR and it blew me away. The biggest problem is having enough time to listen to everything you recorded.

This last point will change the way we DX unlike anything we have seen since radio went from Morse Code to voice. The new SDR units will make the hobby different in many ways some of which we do not yet realize. It may seem odd for your radio to be a box that you never really touch except to turn on or off but I think Marconi and Fessenden would be impressed.

Bits and Bites from the NRC Listserve:

Weather does damage in many ways in many places:

From: Rick Dau drummer1965usa@yahoo.com Subject: WDAY Towers damaged

This is of interest to those of us in the Midwest who normally have to fight through WDAY at night to hear anything else on 970. 73, Rick Dau South Omaha, Nebraska From: "supercl@aol.com" I haven't seen this posted here...WDAY TV, AM radio equipment damaged FARGO After Memorial Day storms brought station programming to a halt for WDAY TV and WDAY-AM 970 radio, engineers are assessing damage. FARGO After Memorial Day storms brought station programming to a halt for WDAY TV and WDAY-AM 970 radio, engineers are assessing damage. WDAY Channel 6 news went down Monday around 9 p.m., and when a generator couldn't keep the equipment cool enough, programming was shut down. We're working on getting a generator in to get the bigger air-handling unit back online, said WDAY Operations Manager Sue Eider. While regular programming resumed Tuesday afternoon, Xcel Energy restored power to the station about 4:50 p.m. Although there was no direct damage to the building or the station, Eider said the temperature will take its toll on the equipment. This just added insult to injury with the radio towers on west Main going down, she said. Eider said there is no way to assess how much revenue was lost while programming was down. Network programming will be lost, there's nothing we can do, Eider said. We'll work with them (advertisers) to give them make-goods. Even though no permanent damage was sustained to the news station, storms damaged all three WDAY-AM 970 radio towers. Talk-show host Jay Thomas was informed of the news shortly after 9 p.m. Monday. One tower was completely collapsed, Thomas said. It looks like somebody just grabbed it and slammed it into the ground. The second tower, a little above halfway up, is just snapped. Thomas said the third tower is still standing, but wind and tree damage has twisted the metal. Eider said the radio station is able to stream radio programming. Listeners can hear programming online at www.wday.com or through their TVs on Channel 6-3. As of right now, Eider said crews are assessing whether the tower can be saved. We just don't know yet, Eider said. We're hopeful that we can get that one tower back up so we could be live. Like TV, Eider said there's no way to determine yet how much radio revenue has been lost. Just like television, with advertisers, we will work with them and do the best we can to make good the spots once we get back up to power, she said. We just don't know when that is. As for the damaged towers, Eider said they will have to be completely rebuilt, and insurance talks have already started. We're talking months before we're back to where we were yesterday (Monday), she said.

This month's DX Tool Box web site is:

Radio Tribute EKKO Stamps

<http://www.radiowest.ca/ekko/index.html>

This site has hundreds of pictures of these old time collectable EKKO stamps. There is a brief history about these stamps and then links at the top of the page so you go see the stamps of some of your favorite stations. As this is an older site some links for the non stamp sections are not working but it is the stamps that are of importance. It is amazing the variety of stations that used these stamps. There are pictures of stamps from Canada and the USA of course but also from Cuba Australia and Mexico as well. It is a lovely trip down memory lane and a history lesson in those long gone three letter calls.

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

Musings of the Members

Dave Schmidt NRCMusings@aol.com
P.O. Box 126
New Freedom, PA 17349-0126

Denny Adkins - 2800½ Marcum Terrace - Huntington, WV 25705

I presently own a Hammarlund HQ-140XA. It has been my experience with the Hammarlund line is that they are great and powerful receivers and perform best with large loop antennas. Can anyone direct me to someone who sells kits? I am looking for an extra-large amplified loop antenna. 73

Geomagnetic Indices (From Phil Bytheway)

Geomagnetic summary tabulated from daily e-mail data.

Date	Flux	A	K	Space Wx	Date	Flux	A	K	Space Wx	Date	Flux	A	K	Space Wx
5/ 1	106	19	2	no storms	5/22	85	4	1	no storms	6/11	85	12	2	no storms
2	110	17	3	no storms	23	84	4	3	no storms	12	85	10	1	no storms
3	107	13	2	no storms	24	82	7	2	no storms	13	87	8	2	no storms
4	107	5	1	no storms	25	80	3	1	no storms	14	99	8	2	minor
5	105	7	1	no storms	26	83	9	2	no storms	15	102	7	2	no storms
6	102	4	1	no storms	27	90	9	3	no storms	16	103	5	1	no storms
7	102	5	1	no storms	28	101	36	4	moderate	17	104	11	2	no storms
8	102	1	1	no storms	29	111	30	3	minor	18	99	6	1	no storms
9	104	4	1	no storms	30	112	9	2	no storms	19	99	5	2	no storms
10	98	9	2	no storms	5/31	112	17	3	no storms	20	96	7	2	no storms
11	94	5	1	no storms	6/ 1	114	10	2	no storms	21	95	8	2	no storms
12	93	3	1	no storms	2	112	9	1	no storms	22	93	10	3	no storms
13	92	4	1	no storms	3	107	3	1	no storms	23	96	17	3	no storms
14	91	3	2	no storms	4	103	11	5	minor	24	96	13	3	no storms
15	95	12	3	no storms	5	103	26	2	moderate	25	94	6	2	no storms
16	92	10	2	no storms	6	100	6	1	no storms	26	90	7	1	no storms
17	92	8	3	no storms	7	96	8	4	minor	27	89	6	2	no storms
18	91	6	2	no storms	8	90	11	2	minor	28	87	5	1	no storms
19	84	3	1	no storms	9	88	12	4	no storms	29	87	3	1	no storms
20	84	3	1	no storms	6/10	87	9	3	no storms	6/30	89	3	1	no storms
5/21	84	5	2	no storms										

NOAA Space Weather Outlook

Issued June 28 – For the period June 29-July 25, 2011

Solar activity is expected to be at very low levels until July 3 with the return of old Region 1234 (S16, L=246). Activity is then expected to be low followed by a further increase to low with a chance for isolated M-class activity as old Region 1236 rotates back on the visible disk.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at moderate to high levels during June 29-July 1. A decrease to normal to moderate levels is expected during July 2-5 followed by an increase to moderate to high levels during July 6-7 due to a coronal hole high-speed stream (CH HSS). Fluxes are expected to decrease to normal to moderate levels during July 8-19. Fluxes are expected to increase to moderate to high levels during July 20-23 following the CH HSS.

Geomagnetic field activity is expected to be at quiet to unsettled levels during June 29-30. A CH HSS is expected to boost activity to quiet to active levels during July 1-3. Mostly quiet levels are forecast for July 3-7 as the CH HSS subsides. An increase to quiet to unsettled levels is expected during July 8-9 as another CH HSS disturbs the field. Quiet levels are expected from July 10-16. Another recurrent CH HSS is expected to become geoeffective on July 17 bringing quiet to unsettled conditions. A further increase to active levels with a chance for isolated minor storm periods at high latitudes is expected during July 19-21 followed by quiet to unsettled levels on July 22 as the effects from the CH HSS subside. Quiet levels are expected from July 23-25.

(From <http://www.swpc.noaa.gov/ftpdir/weekly/WKHF.txt>)

National Radio Club

Founded in September, 1933, the National Radio Club is a non-profit organization devoted to the medium wave DX hobby. It is operated solely by uncompensated volunteers. Subscription costs cover printing, postage, and operational costs and are subject to change without prior notice. The opinions expressed in this magazine are those of the individual writer and do not necessarily reflect those of the Publisher or the Board of Directors of the National Radio Club, Inc. Any reproduction of material contained in DX News/e-DXN without permission of the National Radio Club or the author is prohibited. All published material in DX News/e-DXN may be reprinted by the National Radio Club at a later date. DX News/e-DXN published material reprinted in other publications should include an attribution naming the author and DX News/e-DXN as the original source. Construction projects described herein may be hazardous and are to be undertaken at the assembler's risk; the NRC, its officers, and author(s) will not be responsible for any injuries or losses arising during these projects. Tool usage and electricity can be dangerous.

NRC Board of Directors: Shawn Axelrod <amandx@mymts.net> - 30 Becontree Bay - Winnipeg MB R2N 2X9 Canada; Ken Chatterton <krazyken@frontier.com>; Bill Hale <w_r_hale@sbcglobal.net>; Wayne Heinen <amradiolog@nrcdxas.org>; Chairman; NRC AM Radio Log Editor - 4131 S. Andes Way - Aurora, CO 80013-3831; Dick Truax <K9RT@aol.com>; NRC Treasurer - P. O. Box 39451 - Louisville, KY 40233-9451.

NRC/IRCA DX Tests Manager: Saul Chemos - 57 Berkeley St. - Toronto, Ontario Canada M5A 2W5, <schemos@sympatico.ca>.

The National Radio Club includes Publications, DX News, e-DXN, and DX Audio Service:

• **DX News – David Yocis, Publisher/Editor** <NRCDXNews@gmail.com> – 864 Valley View Rd. – Harpers Ferry, WV 25425-6987; 304-725-6299 [leave voice mail]. (Contributions to DX News only)

Subscriptions and Renewals to DX News: Yearly subscription (30 issues) per year U. S. Address: US\$33.00; Canadian Address: US\$43.00; all other countries: US\$57.00.

Subscriptions and Renewals to e-DXN: Annual registration: \$5.00 if you're already a DXN or DXAS subscriber; \$15.00 to non-subscribers. To subscribe: Access the e-DXN web site <<http://e-dxn.com>> and then follow the indicated links.

• **DX Audio Service – Fred Vobbe, Publisher/Producer** – 706 Mackenzie Drive -Lima, OH 45805-1835, (recordings for the Audio Service and DXAS address changes)

Subscriptions and Renewals to DX Audio Service: Yearly subscription (twelve 90-minute tapes, mailed on or about the 20th of each month): One-year First-Class Mail subscription to DX Audio Service to USA, Canada addresses: US\$28.00; all other addresses: US\$40.00

National Radio Club

P.O. Box 473251

Aurora, CO 80047 – 3251

DX News or DXAS subscription or delivery problems? Contact NRC HQ <sales@nrcdxas.org> or via National Radio Club Headquarters' PO Box.

What to send via USPS to

The National Radio Club Headquarters

PO Box 473251

Aurora, CO 80047-3251

New Subscriptions and renewals to DX News, e-DXN.com and the DXAS Audio Service and any orders for publications of the National Radio Club. All subscription addresses changes and any and all delivery problems for any NRC items. No need to send orders for separate items with separate checks or in separate envelopes. It all goes to the same National Radio Club HQ

Payment options for any item: US\$ funds only: check, money order, or credit card (via PayPal: access <www.nrcdxas.org> ONLY and follow the links), or cash at your risk. (Out of USA: Postal MO or PayPal Only; NO checks.)

All checks and money orders should be made out to: **National Radio Club.**

DX News is printed by The Coughlin Printing Group -144 Main Ave - Watertown, NY 13601-1925

First-Class Mail
U.S. Postage
PAID
Watertown, NY
Permit # 65