

DX News

Serving DX'ers since 1933



Volume 82, No. 19 • August 31, 2015 • (ISSN 0737-1639)

Inside this issue . . .

- | | | |
|--------------------------------|----------------------------------|---------------------------------|
| 2 ... AM Switch | 13 ... Graveyard DX Update | 28 ... College Sports Networks |
| 6 ... Domestic DX Digest West | 14 ... International DX Digest | 30 ... Rockwork June DXpedition |
| 9 ... Confirmed DXer | 19 ... DX Toolbox | 36 ... Club Info Page |
| 10 ... Domestic DX Digest East | 21 ... Pro Sports Networks (NFL) | |

36th Edition of the NRC AM Log: The 36th Edition of the *NRC AM Log* is completed, printed, and on its way to many eager DXers! If you haven't ordered yours yet, the time is now.

The *NRC AM Log* is a comprehensive list of AM radio stations in the United States and Canada, with all the information a DXer needs – power, schedule, format, slogan, networks, address, and more.

Compiled with input from DXers all around the world, there is no more complete or accurate station guide available. And it's continually updated through the AM Switch column here in *DX News* (and Interim AM Switch weekly on e-DXN.com).

Prices are the same as for the Pattern Book (see page 5 for more info on that essential reference) – to U.S. addresses, \$22.95 to members, \$28.95 to non-members, add \$4.00 for Priority Mail delivery; to Canadian addresses it's US\$36.25 and overseas US\$41.75. You can order online using Paypal at www.nrcdxas.org or by sending a check or money order (U.S. funds only) to NRC HQ in Aurora at the address on the back page.

2016 Convention: We're pleased to announce that Dale Hamm and Ernie Wesolowski will be hosting the 2016 NRC Convention in Kansas City, Missouri, during the second weekend of September (September 9-11, the weekend after Labor Day). The Convention will be open to all DXers and details will follow in subsequent issues. But mark your calendars now!

From the Publisher: The publication schedule for Volume 83 is now ready and found to your right. My deadline for each issue is 2400 ELT on the Friday night in the first column for that issue, and the official publication date is the Monday in the second column. If you have time-sensitive material for *DX News*, please consult the calendar and make sure you get your info in before the deadline (to NRCDXNews@gmail.com, preferably).

Don't forget to check e-DXN.com on the weekends that *DX News* is not published; we have an Interim AM Switch posted there, usually on Friday night or Saturday morning, with the latest FCC and CRTC news and *AM Log* updates. This has been delayed a bit recently due to my work schedule crowding into the last few weekends, but hopefully we'll be back on regular schedule going forward.

VOL. 82-83 DX NEWS SCHEDULE

No	In By	Date		
20	Sept. 11	Sept. 21	10	Jan. 29 Feb. 8
1	Sept. 25	Oct. 5	11	Feb. 12 Feb. 22
2	Oct. 9	Oct. 19	12	Feb. 26 Mar. 7
3	Oct. 23	Nov. 2	13	Mar. 18 Mar. 28
4	Nov. 6	Nov. 16	14	Apr. 8 Apr. 18
5	Nov. 20	Nov. 30	15	Apr. 29 May 9
6	Dec. 4	Dec. 14	16	May 27 June 6
7	Dec. 18	Dec. 28	17	June 24 July 4
8	Jan. 1	Jan. 11	18	July 22 Aug. 1
9	Jan. 15	Jan. 25	19	Aug. 19 Aug. 29
			20	Sept. 9 Sept. 19

Membership Report

"Enclosed are my renewal and an order for the 36th edition of the NRC AM Radio Log. Good to see so many at the Fort Wayne combined club convention. Looking forward to receiving the newest Log as well as upcoming *DX News*." – Gary Siegel.

"Thanks for all the great work you guys do for the NRC!" – Taylor McNeil.

New Members – Welcome to our newest NRC members: Neil Myers, Hanover, PA; Rusty O'Shaughnessy, Sherwood, OR; and Robert Ruckman, Kettering, OH.

Returning Member – And welcome back to Dale Hamm, Kansas City, MO; Walter Nissen, Berea, OH; Loyal Richmond, Louisville, CO; Chuck Rippel, Chesapeake, VA; and John Tow, Pinson, AL.

Renewing Members – Thanks for the continued support of Bill Dvorak; Albert Earnhardt; William Feidt; Gerard Gonsalves; Taylor McNeil; James J. Nahirniak; Darrell Neft; John Nowak; Stuart Oserman; Albert V. Prete; Andy Ross; Gary Siegel; James J. Wallace; John R. Wallace; Frank Welch; Gary Wilt; and Robert D. Young, Jr.

AM Switch



Info to David Yocis, 1245 13th St. N.W., #105, Washington DC 2005, NRCDXNews@gmail.com
 Canadian information from CRTC complied by Shawn Axelrod and Dan Sys
 NRC AM Log updates from Wayne Heinen, amradiolog@nrndxas.org

We begin with FCC changes since last issue:

CALL CHANGES

- 690 KEWI AR **Benton** – Call change to KAFN (Aug. 1).
 790 KWSW CA **Eureka** – Call change back to KEJY (Aug. 13).
 980 KEJY CA **Eureka** – Call change back to KWSW (Aug. 13).
 1280 WKYY KY **Lancaster** – Call change to WZXI (July 27, station is silent). A near-return by new owners to the pre-1984 legacy calls of WIXI, now in use elsewhere.
 1340 KVOQ CO **Denver** – Call change to KDCO and then back to KVOQ; FCC has deleted all evidence that KDCO was ever the call here, but Wayne Heinen heard KDCO used on the air Aug. 2.
 KZNW WA **Wenatchee** – Call change to KWWX (Aug. 10).
 1470 WKCK PR **Orocovis** – Call change to WKUM (July 27).
 1480 WIZD KY **Neon** – Call change to WUKB (July 21).
 1650 KYHN AR **Fort Smith** – Call change to WFSM (Aug. 14).

STATIONS GOING DARK (OR NOT)

- 1310 KKNS NM **Corrales** – License cancelled; station has been silent since April 1, 2013. But then granted an STA on Aug. 20 for about 500 watts from a temporary wire at 35-04-34/106-40-32. Odd.
 1660 KXOL UT **Brigham City** – License cancelled; station was silent more than a year (Nov. 30, 2013 to Mar. 26, 2015) so license is automatically cancelled; FCC declined to reinstate it.

NEW STATION WATCH

CP expired:

- 1580 CP CA **Red Bluff** – CP for new station (U2 3000/1000) cancelled and deleted.

Dismissals and deletions:

- 890 APP AZ **South Tucson** – Application for new station (U4 10000/1000) dismissed.
 1100 APP CA **Lamar** – Application for new station (U2 1100/1000) dismissed.

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs on the air and fully licensed:

- 630 WREY MN **St. Paul** – CP for U4 2300/2300 is on the air.
 1530 WVBF MA **Middleborough Center** – CP for U4 5000/4 is on the air.

CPs built, nearing completion:

- 1060 KFOY NV **Sparks** – Applies for license to cover CP and granted PTA for CP for U2 5000/500, new site.
 1380 KRCM TX **Shenandoah** – Applies for license to cover CP for U5 22000/43, two new sites.
 1440 WNYG NY **Medford** – Granted PTA for CP for U2 1000/196.
 1550 KWBC TX **College Station** – Applies for license to cover CP for U4 1500/45, moving from Navasota TX, and applies for program test authority as well.

CPs granted:

- 1230 KPRL CA **Paso Robles** – Granted CP for new site (35-39-34/120-41-01).
 1300 KCMY NV **Carson City** – Granted CP to U1 5000/120.
 1470 KWSL IA **Sioux City** – Granted CP to U1 2300/69.
 1520 WDCY GA **Douglasville** – Granted CP to D1 2500 (ch 890).

Application to amend CP received:

- 1490 WDEP PR **Ponce** – Has CP to change sites, remaining U1 5000/1000; now applies to amend CP to U1 5800/1100 from yet another site (17-59-03/66-38-12).

Applications for CPs received:

- 820 WCPT IL **Willow Springs** – Applies for U2 5800/1500, moving day facilities to WSBC-1240 tower (41-58-53/87-46-20), separate night facilities/site unchanged.
 960 KOVO UT **Provo** – Applies for U1 5000/140.

- 970 KTTO WA **Spokane** – Applies for U2 5300/750, corrected coordinates 47-36-57/117-21-55 (replaces CP for U2 5500/810 which has been turned back to the FCC).
- 1040 WHBO FL **Pinellas Park** – Applies for U2 3800/700 from WWBA-820 tower (27-54-30/82-46-51), CoL to Largo FL.
- 1180 KCKQ NV **Sparks** – Applies for U2 4000/600, existing site.
- 1240 KFOR NE **Lincoln** – Applies for new tower very near current one (40-49-10/96-39-31).
- 1440 WKPR MI **Kalamazoo** – Applies for U1 4000/24.
- 1550 WNTN MA **Newton** – Applies for U1 750/3 from WJIB-740 site (42-23-13/71-08-21), CoL to Cambridge MA.

Amendments to pending applications filed:

- 630 WREY MN **St. Paul** – Has application for U4 5000/2800 from a new site, modifies application to U4 5000/1600.
- 1210 KMIA WA **Auburn-Federal Way** – Has application for U4 27500/1400 from a new site; modifies application to U4 27500/1100 based on failure of KBNH-1230 to build its now-expired CP to move to 1210 kHz.

CPs expired:

- 1120 WXJO GA **Douglasville** – CP for D3 10000 has expired and been deleted.
- 1170 WQHC AL **Hanceville** – CP for D1 1000 from a new site has expired; station has reapplied for a replacement CP with the same parameters.
- 1230 KBNH OR **Burns** – CP for U4 12000/600 on 1210 kHz has expired and been deleted; station remains on 1230 kHz.

SPECIAL TEMPORARY AUTHORITY (STA)

- 590 WDIZ FL **Panama City** – Granted STA with U1 1700/625, night pattern control failure.
- 620 WZON ME **Bangor** – Granted STA with parameters at variance.
- 640 WWJZ NJ **Mount Holly** – Granted STA with U4 950/700, ground wire shorted.
- 790 WQXI GA **Atlanta** – Granted STA for sampling system out of service.
- 820 WNYC NY **New York** – Granted STA with U1 2500/250 during tower painting.
- 850 WEEI MA **Boston** – Granted STA with U1 12500/12500 during tower painting.
- 890 KMJE CA **Olivehurst** – Granted STA with U5 10000/120 during tower work.
- 1030 WDRU NC **Creedmoor** – Granted STA with D3 20000; transmitter repairs.
- 1050 WMSG MD **Oakland** – Granted STA with U1 800/75; transmitter problems again.
- 1150 KZNE TX **College Station** – Granted STA with U1 250/125 or parameters at variance during co-location of KWBC-1550 on the KZNE towers.
- 1210 KEBR CA **Rocklin** – Granted STA for D1 3000.
- 1330 WFNN PA **Erie** – Granted STA to use night pattern 24 hours and reduce day power “as necessary”; can’t switch pattern due to lightning damage.
- 1360 WGBN PA **McKeesport** – Granted STA with D1 5000; night site inoperable.
- 1390 WFHT FL **Avon Park** – Granted STA with U1 10/10 from a temporary backup transmitter; station is silent following a transmitter fire.
- 1410 KMYC CA **Marysville** – Granted STA with U1 1250/250, tower problems.
- 1460 WPON MI **Walled Lake** – Granted STA with D1 25, temporary wire at 42-32-41/83-33-35.
- 1480 WUKB KY **Neon** – Granted STA with D1 1000 from backup transmitter.
- 1580 KMIK AZ **Tempe** – Granted STA with U1 50000/12500, lost a night tower.
- 1590 WRXB FL **St. Petersburg Beach** – Granted STA with U1 60/60, damaged transmitter.
- WALG GA **Albany** – Applies for STA with U1 1000/40 from temporary vertical wire at its CP site.
- 1690 KDDZ CO **Arvada** – Granted STA for reduced power, currently operating U1 8000/1000.

Applications to extend existing STAs were received from and granted to WTTN-570 Pinellas Park FL (U4 5000/10000 to overcome Cuba QRM); WSNR-620 Jersey City NJ (parameters at variance); WMEN-640 Royal Palm Beach FL (U4 25000/4500 to overcome Cuba QRM); WFTL-850 West Palm Beach FL (U4 50000/20000); KTRB-860 San Francisco CA (U1 50000/12500 from licensed day site); KALE-960 Richland WA (reduced day power, unspecified); KLAT-1010 Houston TX (parameters at variance); KAAY-1090 Little Rock AR (U1 50000/10000); WGDL-1200 Lares PR (U1 1000/1000); WYRD-1330 Greenville SC (parameters at variance); WZHF-1390 Arlington VA (U1 250/37 from CP site, CoL Capital Heights MD); and WXYB-1520 Indian Rocks Beach FL (temporary antenna).

Applications to extend existing STAs were received from WETC-540 Wendell-Zebulon NC (parameters at variance); WIOD-610 Miami FL (U4 10000/10000 to overcome Cuba QRM); WWLZ-820 Horseheads NY (U1 4100/250); WGFP-940 Webster MA (temporary antenna); WTLN-950 Orlando FL (U2 12000/10000 to overcome Cuban QRM); WELI-960 New Haven CT (parameters at

variance); WHBO-1040 Pinellas Park FL (U1 reduced power at WWBA-820 tower); WQHC-1170 Hanceville AL (D1 10 from whip antenna at 34-03-10/86-46-40); WSRQ-1220 Sarasota FL (D1 150, temporary antenna); WELE-1380 Ormond Beach FL (U4 1000/1000 from backup transmitter); WTOD-1450 Hartsville SC (reduced power from temporary longwire); KLTC-1460 Dickinson ND (night parameters at variance); WMGG-1470 Dunedin FL (U1 reduced power from the Egypt Lake CP cite); WASN-1500 Youngstown OH (D1 105); WRSJ-1540 Bayamon PR (U1 4000/740 at WVOZ-1520 site); WRHC-1550 Coral Gables FL (temporary site); WJFK-1580 Morningside MD (parameters at variance, triplexing of WUST-1120 and WZHF-1390 is almost complete); and WPUL-1590 South Daytona FL (alternate location at 29-12-07/81-01-29).

Previously reported requests to extend existing STAs were granted to WKZO-590 Kalamazoo MI, KVNA-600 Flagstaff AZ, WQNO-690 New Orleans LA, KUFO-970 Portland OR, KZZB-990 Beaumont TX, KCKN-1020 Roswell NM, WRIE-1260 Erie PA, KFRN-1280 Long Beach CA, WTKS-1290 Savannah GA, KSDT-1320 Hemet CA, KWRM-1370 Corona CA, KJCV-1450 Jackson WY, KAIR-1470 Atchison KS, WSMN-1590 Nashua NH, and WWRU-1660 Jersey City NJ.

Bruce Conti points out that, although that the WSMN STA extension application filed with the FCC says it is broadcasting from the site of "WGAM" (1250 Manchester NH) (as we reported last issue), it is in fact broadcasting from the site of WGHM-900 (which is // WGAM-1250) in Nashua.

SILENT STATIONS

Formerly silent stations informing the FCC that they are no longer silent:

- 910 KDWZ UT Salt Lake City – Silent July 17, new owners will review before relaunch.
- 1130 WALQ AL Carrville – Silent Aug. 15 (2014), back on the air Aug. 13.
- 1300 KSET TX Lumberton – Silent May 7, back on the air with new owners Aug. 11.
- 1340 KIKO AZ Apache Junction (CP ex-Miami) – Removed from silent list; had been there in error and was not noticed until FCC sent letter saying its records indicated the station had been silent for a year and the license was going to be cancelled. Has been broadcasting with PTA from Apache Junction since late 2014.
- 1360 WHJC WV Matewan – Silent Aug. 9 (2014), back on the air Aug. 9.
- 1490 KJNT WY Jackson – Silent June 16, transmitter problems, station is for sale and hopes new owners will fix the problems.

Stations informing the FCC that they are silent:

- 930 WSEV TN Sevierville – Silent Aug. 14, financial reasons.
- 1130 WRRL WV Rainelle – Silent July 13 after being struck by lightning.
- 1370 KTPA AR Prescott – Silent July 22, transmitter broken into and vandalized twice in July.
- 1390 WFHT FL Avon Park – Silent since July 10, on the air with STA (see above) July 25.
- 1400 WSGC GA Elberton – Silent since May 1, on the air July 17.
- WJWF MS Columbus – Silent Aug. 3, transmitter is inoperable.
- 1450 WPAM PA Pottsville – Silent July 23 for studio move and tower renovation.
- 1490 WPAK VA Farmville – Silent Aug. 7 due to "technical difficulties."
- 1530 WLWB WI New Holstein – Silent Aug. 6 after loss of programming source.
- 1540 WLOI IN La Porte – Silent Aug. 10, transmitter failure.
- WYCL OH Niles – Silent since Aug. 16 (2014), on the air with STA May 18.

COORDINATE CORRECTION

- 920 KSHO OR Lebanon – CP to correct coordinates to 44-34-25/122-55-15 is on the air.
- 960 WFIR VA Roanoke – Applies to correct coordinates on CP for new day site (CP for U4 10000/5000) to 37-18-09/80-02-25.



Here is Canadian news, via Dan Sys and Shawn Axelrod:

- 840 CFCW AB Camrose – Moved here from 790 kHz on August 1 at 2240 (8:40 p.m. local).
- 980 CKNW BC New Westminster – Denied application for a nested repeater on 99.7 MHz in Vancouver; would not have moved to FM even if it had been approved.
- 1240 CBLN ON Nakina – LPRT applies to move to 98.1 MHz FM.
- CJCS ON Stratford – Granted CP to move to 107.1 MHz FM.
- 1280 CJRU ON Toronto – New station (U1 99/99) is on the air testing, Ryerson University.

Fines: KOAN-1080 Anchorage AK, request to reconsider \$5600 fine for failure to enclose tower was denied.

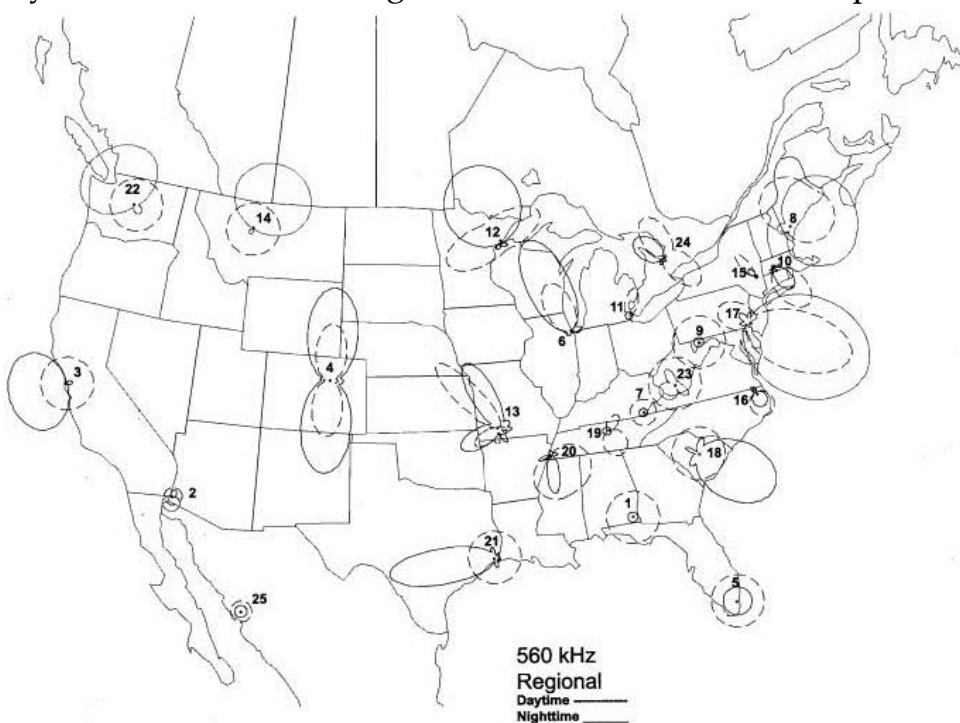
The 36th Edition of the *AM Radio Log* went to the printers on August 14. Wayne has already started collecting changes, and so far we have these:

- 850 WRUF FL Gainesville – Slogan to “ESPN 95.3,” adds // W237EJ-95.3.
- 950 WCTN MD Potomac-Cabin John – Slogan to “Radio Zindagi.”
- 980 KTCR WA Selah – Format to SS:SPT (ex-C&W); network to ESPD; delete slogan.
- 1020 WPEO IL Peoria – Slogan to “Christian Talk AM 1020 & FM 97.7,” adds // W249CZ-97.7.
- 1050 WBNM AL Alexander City – Adds // W257DL-99.3.
- 1060 KKVV NV Las Vegas – Slogan to “Christian Talk Radio.”
- 1090 KVOP TX Plainview – Adds // KDAV-1590. (DXM)
- 1220 WWSF ME Sanford – Slogan to “The Legends.”
- 1250 KHIL AZ Willcox – Format to C&W; slogan to “Outlaw Country.”
- 1330 KWFM AZ South Tucson – Slogan to “Star 1330.”
- 1340 KWWX WA Wenatchee – Format to SS:AC (ex-SPT); slogan to “Juan AM,” nets to WW1.
- 1350 KZTD AR Cabot – Slogan to “Fiesta Mexicana 1350,” “Radio Exitos.”
- 1370 KWNC WA Quincy – Slogan to “Juan AM.”
- 1400 WWGE PA Loretto – Format AC (ex-SPT); slogan “Great Music, Local Sports,” drop nets.
- 1410 WPOP CT Hartford – Format to NWS/TLK/SPT (ex-SPT); networks to Fox/CM/FSR.
- 1450 WJPA PA Washington – Slogan to “Great Hits.”
- 1490 WBTA NY Batavia – Adds // W261CR-100.1.
- 1500 WPMB IL Vandalia – Networks to A/Ns/WW1.
- 1540 WXEX NH Exeter – Slogan to “Classic Rock 92.1.”
- 1570 KZLI OK Catoosa – Adds // K270BK-101.9.
- 1580 WPKY KY Princeton – Format C&W (ex-SPT); slogan “Howdy 97.7,” adds // WWKY-97.7.
- 1590 KDAV TX Lubbock – Format to TLK/SPT (ex-OLD); slogan “The Mighty 1090,” networks to Tx/Tf/FSR/Ru/LCL; adds KVOP-1090. (DXM)
- 1680 KRJO LA Monroe – Format to Rock/OLD (ex-C&W); slogan to “LA 105,” adds // KLIP-105.3. (GH)
- 1700 WRRCR NY Ramapo – Slogan to “Spring Valley Radio Unscripted.”

Thanks to Shawn Axelrod, Bill Hale, IRCA’s *DX Monitor* (DXM), and Glenn Hauser (GH).

NRC Antenna Pattern Book, 7th Edition

The 7th Edition of the *NRC Antenna Pattern Book* is now available. This all new edition prepared by NRC’er Paul Swearingen is an all-inclusive book of patterns for both Day and Night operation of



stations in the USA, Canada and selected foreign stations. The data for the book comes from the 34th Edition of the *AM Radio Log* and NRC’er John Callerman’s comprehensive Mexican station listing.

The book comes shrink wrapped in 8½ by 11 three hole punch format for placement in your own three ring binder. There are 240 pages and the book has maps covering 530 through 1700 kHz depicting the lower USA, Canada and Mexico. Hawaii and Alaska are shown on separate maps at the of the book.

Price/ordering info: To the United States, \$22.95 for members, \$28.95 for non-members (add \$4.00 for

Priority Mail delivery to U.S. addresses only). To Canada \$36.25; airmail outside of U.S. and Canada \$41.75. For those outside the U.S., use PayPal or a postal money order in U.S. funds only. Order from NRC, P.O. Box 473251, Aurora CO 80047-3251 or www.nrcdxas.org. Colorado residents, please add 3.5% sales tax.

Domestic DX Digest - WEST

Editor: **Jim Tedford**, 20310 Bothell-Everett Hwy. B4, Bothell WA 98012-8133,
Radio_Enthusiast@hotmail.com All times Eastern Local Time (ELT)

Loggings of U.S./Canadian stations heard by DXers in the Central, Mountain, and Pacific time zones

REPORTERS


- GH-OK** **Glenn Hauser, Enid, OK.** Mostly DX-398 with internal antenna only; NRD-545 with ALA-330S inside or N-S random wire; Nissan stock car radio as specified; FRG-7 with E/W longwire as specified. Glenn's complete reports, with extensive commentary, are originally published in *DX Listening Digest*.
- JJR-WI** **John J. Rieger, So. Milwaukee, WI.** Icom IC-R75 MFJ-959B tuner, preamp Kiwa loop.
- JW-CO** **John Wilkins, Wheat Ridge, CO.** Drake R-8, 4-foot box loop.
- RD-IA** **Rick Dau, at the Hotel Davenport, Davenport, IA.** Sangean ATS-909X, Quantum QX.
- SMA-MB** **Shawn M. Axelrod VE4DX1SMA, VEPC4SWL, Winnipeg, MB.** Icom ICR70/Drake R8 3-foot un-amplified box loop/Quantum QX LOOP v2.0/155-foot U shaped outdoor wire/100-foot indoor wire run around the basement walls/MFJ 1026 Phasing unit.

STATION NEWS

- 1660 KQWB ND West Fargo** – 7/31 0330 – Now broadcasting FOX Sports radio. No longer outcry music. No call sign change ... yet. **(SMA-MB)**

DX LOGS

- 540 KMLB LA Monroe** – 7/29 0206 – Roughly E/W, local weather but no identifying details caught until area code 318 number, back to "Coast to Coast AM on Talk 540." Quite rare here, so really 26 watts? **(GH-OK)**
- 570 WNAX SD Yankton** – 7/22 0137 – PSAs for something in Nebraska, and the South Dakota National Guard; youth carnival August 1 in Yankton, 0138 discussion of baseball stats. Surprised to be getting WNAX at this time of night, yet nothing from KLIF, XEJBB, Radio Reloj, Las Cruces or anything else! WNAX is audible all day on groundwave, but always way below KLIF Dallas. **(GH-OK)**
- 580 WCHS WV Charleston** – 8/21 0503 – Poor. "5:03 in Charleston, good morning ...," atop WILL, others. **(JJR-WI)**
- 670 KHGZ AR Glenwood** – 8/13 2244 – Fair to good in null of WSCR with Dallas Cowboys FB. Only 670 listed on the Cowboys network for 2015. CMBA (or is it still CMQ?) in Arroyo Arenas, Cuba gave this fits from time to time. **(RD-IA)**
- 680 KKYX TX San Antonio** – 8/19 0732 – C&W music, call letter ID, local ads, mention of kkyx.com and 104.9 FM; back to music at 0735. Fair with KLTT-670 IBOC mostly nulled and no sign of KNBR. **(JW-CO)**
- 680 CJOB MB Winnipeg** – 8/13 2142 – Good with ID as "Winnipeg's news and information leader, 680 CJOB." **(RD-IA)**
- 690 KGGF KS Coffeyville** – 7/16 0724 – Open carrier, still on past 1130 and not checked again until 0801, when now it's modulating programming. Wonder if KGGF is now intentionally not signing on until 7 am CT? **(GH-OK)**
- 700 CJLI AB Calgary** – 7/25 0540 – Poor to fair signals fading in and out with religious musical selections. They were // the web stream on their site. Their slogan in "The Light." Finally a SRS with no WLW to dominate the frequency. NEW!! This summer is handing me more new ones than spring did. Not sure why but I will never argue with getting a new one any month of the year. **(SMA-MB)**
 8/13 0658 – Landed on 700 just as ID was being given: "Serving Calgary, Red Deer and Edmonton, CJLI Calgary is AM 700 The Light," and into upbeat Christian music; listened for about 20 minutes with no ads or live announcements noted, just music and an occasional canned "AM 700 The Light" slogan. Generally fair, with fading and not much QRM. A new one here, AB #32. **(JW-CO)**
- 710 WAQI FL Miami** – 8/21 0454 – Poor with woman, man SS tele-talk over another SS! LID at :00. **(JJR-WI)**
- 720 KSAH TX Universal City** – 7/16 0706 – "104.1, La Picasa(?) está en el aire," into music, CCI from another Spanish, slow SAH. 104.1 is KSAH-FM, 100 kW licensed to Pearsall TX, as discussed before, rimshooting San Antonio. **(GH-OK)**

- 750 KOAL UT **Price** – 8/6 0747 – Program note for *Drive Time Sports* in the evening; call letter ID with a mention of 103.9 FM, then into local sports scores. Good signal, I’m guessing on 10 kW day power a bit early. (JW-CO)
- 780 KCEG CO **Fountain** – 8/1 0228 – Can’t null WBBM completely, but enough to make out an announcement from KCEG, something about wanting to “get in good graces of the landlord” in Colorado Springs, asking for checks; “Save The Ranch,” and country music. (GH-OK)
- 810 KSWV NM **Santa Fe** – 7/31 2215 – Cowboy instrumental music including steel guitar, coming in fine on the NRD-545 with N/S short wire, but “looping” east/west on the PL-880 ferrite (which I have to keep away from the noisy NRD display panel); 2217 “Santa Fe’s best hoedown country music, AM 810.” KSWV has long been a hybrid, “Que Suave” but bilingual; still partly Spanish? I haven’t had a chance to listen to it locally in far too long. Obviously on 5 kW day power, not 10 watts night, both ND. Official July sunset is 2215. (GH-OK)
- 
- 840 KVJY TX **Pharr** – 8/7 0004 – Ads in Spanish, mentioning “el valle de Tejas y el norte de Tamaulipas,” so not CMHW Cuba this time with WHAS easily nulled during its fade. Therefore, KVJY. (GH-OK)
- 880 KRVN NE **Lexington** – 8/13 2131 – Fair under WCBS with mention of the town of Axtell (which is 38 miles from Lexington) during rundown of severe weather warnings in central and southern Nebraska. (RD-IA)
- 960 KMA IA **Shenandoah** – 8/13 2107 – Fair with Kansas City Royals BB. Only Royals affiliate shown on 960 for this season. WDLM in nearby East Moline completely off at the time, and would stay off during my entire 24-hour stayover in the Quad Cities. (RD-IA)
- 960 WTCH WI **Shawano** – 8/13 2305 – Fair with ad for Culligan of Shawano, then “WTCH” ID. (RD-IA)
- 1070 CHOK ON **Sarnia** – 8/20 0408 – Poor, “on CHOK” upon tune in. No usual WTSO. (JJR-WI)
- 1110 KVTT TX **Mineral Wells** – 7/18 1457 – On car radio in eastern Enid, South Asian music on very weak signal. Has to be KVTT. Normally on 1110 in daytime I get a trace of 50 kW KFAB Omaha instead. This is slightly after local mean noon at 1432 when skywave should be minimal if any. I suspect KVTT got a slight boost from sporadic E, as this was amid an opening into VHF TV and maybe FM from Mexico, same direction. Es affecting MF could explain these anomalies especially in the summer season. I wish other DXers would be alert for such correlations, but I sense a certain disinterest in daytime DXing. (GH-OK)
- 1150 WHBY WI **Kimberly** – 8/13 2116 – Good with Green Bay Packers FB, plus ads for the Northland Mall in Appleton and Ray’s Transmission in Neenah. (RD-IA)
- 1160 KRDY TX **San Antonio** – 7/27 0206 – Woman preaching in Spanish with music background, audible with KSL nulled, and fast SAH; 0214 man takes over, mentions “De Mujer a Mujer,” (program title?) and phone number with AC 214. Normally I’m lucky to get KSL, let alone anything else, but KFAQ 1170 IBOC not so bad at the moment; nulling KSL also partly reduces the Tulsa signal. (GH-OK)
- 1190 KQQZ MO **Desoto** – 7/16 2200 – Singing ID for “All American Radio, KQQZ,” then “Jimmy Brown.” Official July sunset is 2130. 8/4 0140 – Rather rude political screed about a candidate nicknamed “blow-job,” loops ENE/WSW, but it’s local mentioning Cahokia, i.e. IL side of St Louis. In the “hot talk” aspect of its Jekyll/Hyde personality. (GH-OK)
- 1220 KHTS CA **Canyon Country** – 7/23 0640 – AC or pop music; “The Mighty 1220 KHTS” ID at 0642, followed by ads; back to music at 0645. Poor signal but somewhat readable. (JW-CO)
- 1230 KFJB IA **Marshalltown** – 8/20 0351 – Poor; Yahoo Sports, weather at 0359, LID at TOH. Not heard in long while. (JJR-WI)
- 1260 KMZT CA **Beverly Hills** – 7/23 0750 – Classical guitar number to 0757 legal ID by gal: “This is KMZT Beverly Hills ...,” with kmozart.com website also mentioned, and possibly an FM frequency; right back to music at 0758. Fair at best. Finally got a decent ID after hearing this many times. Like most classical music stations, there are very few announcements or IDs. Long needed here, ex-KGIL. (JW-CO)

- 1300 KAKC OK **Tulsa** – 7/28 0924 – “Total traffic on The Buzz,” familiar Tulsa streets at rush-hour. Trouble is, “The Buzz” is KTBZ 1430, and this is KAKC 1300. Could be confusing, but they are sibling stations so such crossovers allowed; unless they have swapped slogans, I doubt. **(GH-OK)**
- 1330 KNSS KS **Wichita** – 8/20 0339 – Poor; “Wichita’s 1330 KNNS” way over anything! **(JJR-WI)** 8/20 0841 – KNSS mentions that this is National Radio Day! All about it here: <http://www.nationalradioday.com/about/> Let us celebrate. **(GH-OK)**
- 1360 WMOB AL **Mobile** – 8/20 0615 – Poor though wiping out WTAQ. WMOB, WTOF calls given. Gospel. **(JJR-WI)**
- 1360 WKMI MI **Kalamazoo** – 7/26 0634 – Poor and not common. Almost rare! No WTAQ, others. “Online at WKMI.com.” **(JJR-WI)**
- 1370 KWRT MO **Boonville** – 8/21 0543 – Fair; calls, home of KC Royals baseball wiping out freq 60/9! Unusually strong. **(JJR-WI)**
- 1400 KVSF NM **Santa Fe** – 8/4 0857 – Local ads, mentions of santafe.com; legal ID at 0859:55: “I’m David Green ... you’re listening to ESPN 1400 KVSF-AM Santa Fe”; into ESPN (Mike & Mike) at 0900. Briefly fair but soon faded into the jumble. **(JW-CO)**
- 1400 KREW TX **Plainview** – 7/26 0859 – Legal ID at 0859:54 by man: “1400 AM KREW Plainview ...”; not sure what followed after ID, with several stations mixing. A long-needed call change here, ex-KVOP. **(JW-CO)**
- 1430 WDIC VA **Clinchco** – 7/25 0517 – Poor; “1430 W D I C” and OLD C&W music. 1430 sounded like a GY tonight! **(JJR-WI)**
- 1460 KCLE TX **Burleson** – 8/6 0839 – Fort Worth ads with 817 area code, i.e. KCLE Burleson TX, addresses in Cleburne, ESPN for the market; with 11 kW still at SRS an hour after sunrise, no problem overcoming my nearest 1460 on groundwave, 500-watt KZUE El Reno OK, Spanish; in fact nothing at all heard from it. **(GH-OK)**
- 1500 KJIM TX **Sherman** – 7/27 2152 – KJIM Sherman TX is signing off at this odd hour, to return at 6 am (0700 ELT) with CBS news. A bit late as KJIM’s official FCC sunset in July is 2145. This 1 kW daytimer with nostalgia format is one I would enjoy hearing at local level. It’s figure-8 direxional, slightly clockwise from N/S, helpful to us but probably not appreciated around Pawhuska. **(GH-OK)**
- 1550 WDLR OH **Delaware** – 7/25 0444 – Poor; Cleveland Indians promo, calls. No CBEF. **(JJR-WI)**
- 1550 KYAL OK **Sapulpa** – 7/25 0449 – Poor; Yahoo Sports promos, 97.1, 96.1, 1490, 1550 (with calls), Sports Animal. No CBEF. **(JJR-WI)**
- 1560 WBYS IL **Canton** – 8/20 0600 – Poor with semilocal WGLB nulled. LID including 93.7 FM announcement. **(JJR-WI)**
- 1570 WBGZ IL **Alton** – 8/20 0430 – Poor; “... the Big Z ... also on 94.3FM,” and lost to ??? **(JJR-WI)**
- 1620 WDND IN **South Bend** – 8/13 2230 – Good with mention of “U-93” in promo for morning show. **(RD-IA)**
- 1640 WTNI MS **Biloxi** – 8/13 2213 – Good in WKSH null with promo for The Happy Hour morning program with Tommy D and Chuck Edwards. First Mississippi logging in the Davenport logbook. **(RD-IA)**
- 1680 KRJO LA **Monroe** – 8/15 0159 – “Classic Hits, it’s what we were born to do, L-A-1-0-5,” no legal ID until a bit later during music, “KRJO Monroe,” as the Louisiana X-bander continues to be a mere simulcaster of an FM station whose dial position trumps any mention of “1-6-8.” That’s really KLIP 105.3, 50 kW in the WTFDA FM Database, which does not show it // 1680! **(GH-OK)**
- 1680 WTTM NJ **Lindenwold** – 7/25 0501 – Poor; LID after song, into SS music. WPRR a no show tonight. **(JJR-WI)**
- 1700 KVNS TX **Brownsville** – 7/25 0452 – Poor; Fox Sports promo over, under KBGG. No calls heard. **(JJR-WI)**

UNID

- 1510 UNID 8/6 0836 – Solo female hymn loops ENE/WSW, with CCI soon losing out to ESPN from KCTE Independence MO. Most likely REL format is KMRF Marshfield MO, 5 kW daytimer, St Louis market; or maybe 250-watt daytimer KCTX Childress TX which per last year’s NRC AM Log is partly religious. **(GH-OK)**
- 1680 UNID 8/2 1233 – I find another very weak daytime signal on the NRD-545: certainly not Monroe. Weaker than the 1610 TIS, but can make out loop announcements by a

human OM, including "Hi, this is ---" and "new carpets," so it must be a Talking House, which have popped up before on the X-band in Enid, but not for quite a while. Switching to USB/LSB makes it *less* readable, since the frequency is wobbling, crummy TH transmitter. I resolve to track it down by driving around Enid. No sign of it on the west side, but signal grows as I drive east on Broadway. Near the intersection of Walnut and N 16 St, in the NE quadrant of town, it's strong enough to copy while I park: gives phone 548-4895, Greg Jensen realtor. This house also has a new wood floor under the new carpet; 2 BR, 1 bath, brick. One-year service agreement available from Smith Real Estate. Also generic promo for the concept of Talking Houses, like I was hearing from them a few years ago. I'm running out of time, so don't locate the exact house (no address transmitted!), but have inquired by web form to Greg. 8/4 (afternoon). Went out listening for the Talking House in NE Enid afternoon of August 4, but no signal from the spot in NE quadrant of Enid where I was hearing it two days ago. Realtor never replied to my web form inquiry about its address, which may have served instead to remind him to turn it off; as previously these things were forgotten, left running after property was no longer on the market. (GH-OK)



Thanks to all this issue's contributors. See you next issue. (JDT-WA)

Confirmed DXer

Editor: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117-2334 phil_tekno@yahoo.com

Report your verifications to the NRC eGroup and they will appear here, or send them directly to me at the above address. Next deadline: 10/8 6 PM PLT pb

- 610 WRVS KY, Russelville. F-D. Nice looking QSL card. V/s Chris McGinnis, GM. Rcvd in 7 days MS. (DJ-TN)
- 850 KFUD MO, Clayton. F-D letter, stickers and magnet. V/s Cary (can't read last name). Rcvd in 41 days MS. (DJ-TN)
- 1140 WAWK IN, Kendallville. N-D letter, stamp, sticker and business card. V/s John O Rouke. Rcvd in 6 days MS. (Received at Ft Wayne convention). (DJ-TN)
- 1400 KVSF NM, Santa Fe. PPC in 6 days. V/s Brad Brown PD. (JW-CO)
- 1400 KEYE TX, Perryton. PPC in 23 days. V/s Sharon Ellzey Pres. (JW-CO)
- 1470 WBMD IL, Peoria. P-D letter and business card. V/s Wayne R Miller, CE. Rcvd in 79 days MS. (DJ-TN)
- 1490 WCOR TN, Lebanon. F-D letter. V/s Billy Goodman, Op Mgr. Rcvd in 7 days. (DJ-TN)
- 1580 KFCS CO, Colorado Springs. PPC in 7 days. V/s illegible. (JW-CO)

David Jones, Nashville TN (DJ-TN)
John Wilkins, Wheat Ridge CO (JW-CO)



Unreported Stations Update

K F A B	
Lincoln, Nebraska	Frequency: 770 Kilocycles
Power: 10,000 Watts	
VERIFICATION	
Date	Dec. 23, 1940
Time	3:50, 4:00 & 4:25 A.M. PST
Program	Selections and announcement as listed
Owned and Operated by CENTRAL STATES BROADCASTING SYSTEM KFAB - KOIL - KFOR	

Two new Canadians are on the air since last issue, one of which is reported in DDXD this issue (CJRU-1280) and one frequency change that is not (CFCW-840, which had been reported on 790). But we have our first reports of CJLI-700 this week, so there are still 482 stations on the list of stations not reported to DDXD since at least Volume 67 (1999-2000): The latest full version of the list is in Issue #2 (available on e-DXN.com). See if you can report one next time!

Domestic DX Digest - EAST

Editor: **Mike Brooker**, 99 Wychrest Avenue, Toronto ON M6G 3X8 Canada, patria1818@yahoo.com
 Loggings of U.S./Canadian stations heard in the Eastern or Atlantic time zones; all times Eastern

REPORTERS

- BC-NH** **Bruce Conti, Nashua** – Excalibur SDR, MWDX-5, variable termination SuperLoop antennas northeast and south.
- HJH-PA** **Harry Hayes, Wilkes-Barre** – Grundig S350, Kiwa Pocket Loop
- KK-VA** **Kraig Krist, Manassas** – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop
- TLK-FL** **Terry Krueger, Clearwater** – NRD-525, IC-R75, roof dipole, active loop
- PS-ON** **Paul Snider, Welland** – ICOM R75, Pixel RF Pro-1B Loop, MFJ-1020C tuner
- JW-PA** **Jim Weber, Lancaster** – Grundig S350, VW Jetta car radio
- MKB-ON** **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

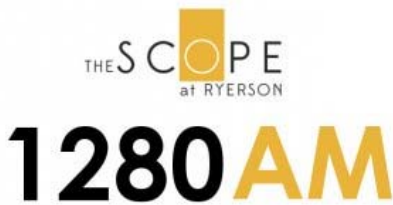
Follow me on Twitter! [@patria1818](https://twitter.com/patria1818) DX-related tweets will be hash-tagged #MWDX.
 Friend me on Facebook! www.facebook.com/keval.mike

TIS/HAR

- 1610 ---- ME** **Multiple sites** – 8/7 2015 – Echoing audio of multiple transmitters, over/under CHHA; ID for WPKW775 and WPVS949, mentioned traffic monitoring service of the Maine Turnpike Authority, “Please drive safely.” FCC database lists 11 transmitter sites. **(BC-NH)**
- WNSX853 MA** **Falmouth** – 8/7 1930 – Under/over CHHA; driving directions, mentioned Bourne Bridge and Route 28 southbound, and mobile phone info. Directions are to the Gifford Street parking lot of the Steamship Authority which matches the FCC transmitter site coordinates. **(BC-NH)**
- WQIX458 NH** **Derry** – 8/2 1050 – Poor; public safety messages, “...brought to you by the town of Derry.” Three transmitter sites listed in FCC database. **(BC-NH)**
- 1690 WQKP882 FL** **Largo/Clearwater** – 8/9 1104 – The two audible ones (and likely any of the other six still functioning, since audio is fed in sync) running just an open carrier at least today. Wish these Pinellas County Traffic Management stations would just go away since they carry nothing but a generic traffic safety loop, not even NOAA weather which would at least have some benefit for those without weather radios. The Largo site remains slightly on the high side of 1690. Update: still just a telco audio August 10 mid-morning. **(TLK-FL)**

COMING SOON TO A RADIO NEAR YOU

- 1280 CJRU ON** **Toronto** – 8/17 1900 (and pretty much all day) – Presumed testing with non-stop tone. This station will broadcast from Ryerson University, replacing CKLN-88.1 (killed by the CRTC in 2010), with 99 watts on frequency last used locally by Pearson Airport TIS CFYZ. No on-air date yet, but slogan will be “The Scope” and they stream online at <http://www.thescopeatryerson.ca/> **(MKB-ON)**



CATCH THE DRIFT

- 952.8 WKDN PA** **Philadelphia** – 8/9 0359 – Off-frequency and very unstable, drifting around 952.8 kHz; “A beacon of truth and hope, this is Family Radio... always commercial-free, this is WKDN AM Philadelphia.” **(BC-NH)**

UNID

- 1510.2 unID --** - 8/14 0400 – Het from off-frequency signal against 1510 WMEX, received overnight 8/15 and 8/16 as well. Measured 1510.215 kHz. Neil Kazaross in Illinois and Aaron in Philadelphia via mwoffsets list also reported it. **(BC-NH)**

LOGGINGS

- 540 WETC NC **Wendell-Zebulon** – 8/1 0401 – Over WLIE; ID in Spanish-accented English; “This is WETC 540 AM Wendell-Raleigh-Cary and WRJD 1410 AM Durham-Chapel Hill, North Carolina, Radio Visión, siempre contigo.” New log. **(BC-NH)**
- 620 WHEN NY **Syracuse** – 8/14 2000 – Over WSNR; “...WHEN Syracuse, Power 620, central New York’s only R&B, available anywhere you go on the iHeart Radio app, download it now.” **(BC-NH)**
- 660 WFAN NY **New York** – 8/14 0100 – Abruptly taken off the air after canned ID, no sign-off announcement, leaving *R.Progreso* Cuba in clear. 880 WCBS also abruptly went off. **(BC-NH)**
- 720 KSAH TX **Universal City** – 7/25 0644 – Acting every bit like a Mexican, except Mexicans generally do ID top of hour whereas this one refused to. Mexi-tunes, “La estación de la Raza 104.1 FM” slogan. **(TLK-FL)**
- 770 KAAM TX **Garland** – 8/11 0645 – Connie Francis “Together” segued to Billy Joel’s “She’s Always a Woman” then “Legends 770” liner. Songs matched the kaamradio.com “Now Playing” list. **(TLK-FL)**
- 820 WWFD MD **Frederick** – 8/1 0000 – Over/under WNYC; “The radio station you’re listening to is The Gamut, WWFD Frederick, WTOP-FM HD3 Washington, WWWT-FM HD3 Manassas-Fredericksburg, WTLP HD3 Braddock Heights-Frederick, W283CD Sterling...” and “Don’t Stop” by Yarborough & Peoples. **(BC-NH)**
- WNTW VA **Chester** – 8/16 0400 – Over WWFD; “Where’s the best news and talk? AM 820 WNTW Chester is the answer,” into SRN news. **(BC-NH)**
- 830 WFNO LA **Norco** – 8/15 0629 – Spanglish techno-rap and reggaeton, “La Fabulosa” slogan between tracks. Very good, and could easily be fooled into thinking it’s a Mexican if not for Google. **(TLK-FL)**
- 850 WYLF NY **Penn Yan** – 7/31 0635 – In multi-station mix (WTAR, WPTF, WFTL, WEEL, 2 stations with ESPN and R. Reloj) with oldies, male DJ, “We’re... 8-50 WYLF.” **(KK-VA)**
- 870 WHCU NY **Ithaca** – 7/31 0618 – In WWL/WFLO mix with male “.... 95.9 FM news talk WHCU” ID. **(KK-VA)**
- WFLO VA **Farmville** – 7/31 *0600 – In WWL/WHCU/UNID SS station mix with presumed sign-on: “Good morning WFLO and welcome AM to the air at 8-70 on your AM radio dial. Broadcasting with about 1 thousand watts at 6 o’clock.” Also noted at 0659: “We’ll be right back. This is WFLO in Farmville Virginia.” **(KK-VA)**
- 880 WRRZ NC **Clinton** – 7/31 0601 – In multi-station mix (WCBS, WPIP, UNID oldies and C&W) with Spanish singing, “WRRZ 8-80 AM Clinton North Carolina” ID in EE. New station for me. **(KK-VA)**
- WPIP NC **Winston-Salem** – 7/31 0700 – In multi-station mix (WCBS, WRRZ, UNID oldies and C&W) with ToH ID: “WPIP Winston-Salem North Carolina. We would be interested to send you a program log...” **(KK-VA)**
- KJOZ TX **Conroe** – 8/9 0652 – End of gospel vocal, Houston area ads, back to gospel. First log for me, I think. **(TLK-FL)**
- CKLQ MB **Brandon** – 8/14 0300 – Over/under *R. Progreso* Cuba with WCBS off the air; country music, weather by a woman with temperatures in Celsius. **(BC-NH)**
- 890 WFKJ PA **Cashtown** – 7/31 *0601 – In WLS/WCBS slop mix, all of a sudden distorted signal on with over-modulated male audio: “Good morning. This is WFKJ 890 AM Cashtown Pennsylvania signing on the air for another broadcast day...” into program “Your Story Hour.” **(KK-VA)**
- 940 WADV PA **Lebanon** – 8/16 0610 – In very briefly with ID and “Solid Gospel Music Radio” catchphrase. Also audible in Lawrenceville PA on the NY border at 0653. **(JW-PA)**
- WKGM VA **Smithfield** – 8/4 0415 – Various preachers, including the “Overcomer,” Brother R.G. Stair. Very strong during Aug. 4 and 5; dominating through the early morning, then back to inaudible on the 6th and 7th. Power-up or antenna change not confirmed. **(JW-PA)** *This one has separate day and night sites, so an accidental “forgetting” to flip the switch is more difficult (and unlikely) here than for most stations. – DY*

- 960 KGKL TX **San Angelo** – 8/15 0659 – Tune-in right at ID, male canned “NewsTalk KGKL, San Angelo” into ABC News till 0705, then ID, station news promo, local weather from TV meteorologist and another ID. Co-channel unidentified Mexican. (TLK-FL)
- 1140 WQBA FL **Miami** – 8/14 0400 – Over/under WRVA and *R. Rebelde Cuba*; “...1140 Miami,” Univisión América jingle, “Univisión América, la radio del sol.” (BC-NH)
- 1150 WHBY WI **Kimberly** – 8/12 2306 – Sports talk on “Brewers Radio Network,” appletonofficespace.com ad, Mr G’s ad, Appleton Awning shop ad, “...Talk WHBY” ID at 2310, WI Lottery mention, more sports news. Fair to poor with no sign of CKOC (off air?) mixing with unknown religious station. (PS-ON)
- 1160 WEWC FL **Callahan** – 7/19 0628 – Spanish contemporary Christian vocal, canned “La Raza” slogan. Co-channel WCFO from 0631 power/pattern up and of course the mystery 1160.08 presumed Latin American carrier. (TLK-FL)
- WODY VA **Fieldale** – 7/28 0545 – Promo for something on “... The Joy FM...” and a second clear mention of The Joy FM, then an ad for something in Winston-Salem, followed by an ad for Tarheel Auto Glass, which when Googled is also in Winston-Salem. Into gospel vocals, though not certain that was the same station. A mystery at first, as there are two North Carolina stations on 1160: WYDU, Red Springs, NC at 124 driving miles from Winston-Salem, and WWQT, Tryon, NC at 144 miles, both too far from Winston-Salem to be serving that market, though both are Christian format. Googling, I find 1160 kHz WODY, Martinsville, VA is listed here <http://www.joyfm.org/on-air-2/listen-live/> as a Joy FM affiliate. And the nearest city of any size is across the state line in Winston-Salem, 54 drive miles. Then, searching the FCC database, I find that WODY is owned by Positive Alternative Radio, which also owns WXRI-FM, 91.3 MHz in Winston-Salem. Now I’m getting somewhere. They must be cross-selling and promoting their stations, probably desperate for any advertising revenue they can place on WODY. WODY appears to be ESPN. Not Joy FM as per that Joy affiliate URL. Or is it Westwood One Sports as per <http://westwoodonesports.com/?station=wody-am-1160?> And North Carolina Tarheels games are listed as carried on WODY. The signal wasn’t decent enough to confirm if WODY was simulcasting The Joy format from WXRI-FM, or if they were just cross-selling on a break. Doubt I was hearing them on the 250 watts night power; surely they were running the day 5000 watts in darkness. (TLK-FL)
- 1240 WGBB NY **Freeport** – 8/8 2000 – In the jumble; promo, “623-1240... the station that serves your community.” (BC-NH)
- 1290 WWTX DE **Wilmington** – 8/14 0400 – Over/under WRNI; “This is Fox Sports 1290, Delaware’s sports play here.” (BC-NH)
- 1390 WAJD FL **Gainesville** – 8/2 0643 – Marvin Gaye, male canned, “The best of R&B and Motown 24 hours on WAJD, Gainesville,” into Aretha Franklin. Still listed as licensed and silent in the FCC database as of August 4. Appears to have returned, at least sporadically, very recently (late June one source tells me). (TLK-FL) *Note also format flip from liberal talk (as listed in current NRC Log). Mike*
- WRSC PA **State College** – 8/13 2233 – Caught “...News Radio 1390 WRSC” ID at 2233 and then lost to WNIO and many others. Very poor. (PS-ON)
- WCAT VT **Burlington** – 8/7 1959 – Fair; “From the roots of rock ‘n’ roll to the golden age of country, all the legends right here, Burlington’s Big Cat, WCAT Channel 98,” oldies music, and ID, “Burlington’s Big Cat is WCAT Burlington, WRSA St. Albans, and W252CJ Burlington.” (BC-NH)
- 1400 WDNY NY **Dansville** – 7/16 2220 – Strong at times with Gordon Lightfoot song. ID as “This is 1400 AM, WDNY.” (HJH-PA)
- WINC VA **Winchester** – 7/15 2208 – ID after weather report. “Newstalk 1400 WINC.” Weak. (HJH-PA)

- 1420 WLNA NY **Peekskill** – 8/8 0400 – Fair; “You’re listening to the Hudson Valley’s real country, on Real Country 1260 WBNR Beacon and 1420 WLNA Peekskill.” (BC-NH)
- 1440 WLWI AL **Montgomery** – 8/7 0641 – “Newsradio1440.com” promo into local events and ads. (TLK-FL)
- 1460 CJOY ON **Guelph** – 7/24 2240 – Very good w/weather forecast and jingle. Format was 60’s oldies. (HJH-PA)
- 1470 WMBD IL **Peoria** – 8/15 2305 – Heard from the mush ID “...100.3, 1470 WMBD,” followed by some talk (promo?), followed by another ID “...on 100.3, 1470 WMBD,” talk on college football (I think?). Very poor, mixing with unknown talk station. (PS-ON)
- WQXL SC **Columbia** – 8/5 2322 – Tuned in to “...The Point” slogan, Disabled American Veterans PSA, ads including Freedom333.com and visioncomputers.com, Savage Nation, program promo on “...Columbia’s The Point,” ABC news including shooting at Tennessee movie theatre & Malaysian plane wreckage, Disabled American Veterans PSA, more ads, 2334 ID “...The Point, 95.9 & 1470 AM. Fair to very poor mixing with a variety of stations. (PS-ON)
- 1480 WDJO OH **Cincinnati** – 7/30 2255 – Ad for Merlin’s Pest Control, Senior Life Newspaper and Priceline Homes. Local news at 2257. Slogan “Good Times, Great Oldies.” Good signal. (HJH-PA)
- 1490 WACM MA **West Springfield** – 8/14 2000 – Over others; “1490 WACM West Springfield and 990 WXCT Southington... the greatest hits of all time.” (BC-NH)
- WLPA PA **Lancaster** – 7/15 2134 – Had song “Baby, The Rain Must Fall.” Jingle at 2153. Very good at times. (HJH-PA)
- +++ - 8/14 0400 – Over WGCH; “This is your home for America’s best music, 1490 AM WLPA Lancaster.” (BC-NH)
- 1510 WRNJ NJ **Hackettstown** – 8/14 2000 – Under WMEX Boston; “Your local station, 92.7 FM and 104.7 FM, 1510 AM, WRNJ dot com...” (BC-NH)
- 1550 WRHC FL **Coral Gables** – 8/16 0400 – Over/under *R.Rebelde* Cuba; Poderosa slogan, ID in English, “This is... 670 AM Miami,” into noticias in SS. Parallel a barely readable 670 WWFE which was under *R.Rebelde* Cuba. (BC-NH)
- 1640 WTNI MS **Biloxi** – 8/8 0400 – Fair; promo for WNBA on ESPN, ID, “1490 WXBD Biloxi, and 1640 WTNI Biloxi, this is 1490 and 1640 The Champ.” (BC-NH)
- 1690 WMLB GA **Avondale Estates** – 8/16 0400 – CBS news sounder heard under WPTX. (BC-NH)
- 1700 WRCR NY **Ramapo** – 7/22 1904 – Fair signal with fades. Slogan is “Radio Unscripted.” Many mentions of the Hudson Valley. New. (HJH-PA)

GRAVEYARD DX UPDATE

Kraig Krist, kg4lac@gmail.com

1240 kHz

KSOX TX Raymondville

Steve Kemp

Irving, TX

446

Editor’s notes: The GYDXA lists were all recently updated. Deceased NRC members are noted with (SK). Non-NRC members are purged from the lists as GYDXA are only for *National Radio Club* members. With the updates it’s time to review the GYDXA lists and perhaps submit station(s) for inclusion.

New GYDXA entries are highlighted for 30 days at www.nrcdxas.org

Just because it’s summer don’t give up on DXing. Strategic listening may result in some really nice surprises.

Editor’s request: Join the *Gold Level Graveyard Achievement* list. Those hearing 100 or more total Graveyard stations qualify. Please include your Gold Level Graveyard Achievement totals when submitting GYDXA. Thank You! 73, Kraig, KG4LAC

International DX Digest



Editor: **Bruce Conti**, 46 Ridgefield Drive, Nashua NH 03062-1174, contiba@gmail.com
 Loggings of stations outside the continental U.S. and Canada, all times UTC.

TRANS-ATLANTIC DX

- 171 **MOROCCO** *R.Mediterranee Internationale*, Nador AUG 12 0003-0010 – Weak audio; chat at 0400 with better signal, first time this season. [Wilkner-FL]
- 531 **ALGERIA** *Jil FM*, F'kirina Wilaya d'Oum El Bouaghi JUN 8 0258 – Dance-club music; fair, actually clearer than parallel 549 kHz. [Connelly-MA]
- 549 **ALGERIA** *Jil FM*, Les Trembles JUL 23 0400 – Good; African kompas-style vocal, time signal and *Jil FM* ID into a retro '80s disco song. [Conti-NH]
- 917 **NIGERIA** *R.Gotel*, Yola AUG 16 0200 – Poor in lightning noise; presumed African signals also observed on 783, 945, and 1566 kHz, but too much lightning noise for readable audio. [Conti-NH]
- 1152 **SPAIN** *RNE5* synchros JUL 23 0458 – Good but with deep fades; discussion in Spanish and bumper music leading up to news parallel 855 kHz. [Conti-NH]
- 1422 **GERMANY** *Deutschlandfunk*, Heusweiler AUG 17 0459 – Good, a solid s9; smooth jazz instrumental, electronic fanfare into a man and woman in German, then repeated fanfare and time marker. Likely dawn enhancement with no other readable transatlantic signals found at this time; transmitter site sunrise 0426 UTC. [Conti-NH]
- 1521 **SAUDI ARABIA** *BSKSA* Duba JUN 25 0200 – Arabic news; to fair peak. [Connelly-MA]
 AUG 19 0240 – Carrier hitting KOKC, which has got to be the 2-megawatt BSKSA Duba transmitter in the northwest corner, the #1 beacon for trans-atlantic MW DX conditions; WRTH shows sked is 15-03 UTC, which seems strange, except they obviously find it worth running only during night hours. From mid-August, the "season" is supposedly back for us. Can't pull any audio on 1521 or detect anything on 1566 or 1512, but I can also hear the 1521/1520 het merely on the DX-398 with ferrite. [Hauser-OK]

PAN-AMERICAN DX

- 530 **CUBA** *R.Enciclopedia*, La Habana-Villa María JUL 23 0300 – Piano music, samba theme music, woman "Transmite... Radio Enciclopedia"; mixed with *R.Rebelde*. [Connelly-MA]
- 530 **CUBA** *R.Rebelde*, Guantánamo JUL 23 0301 – ID by man, "Rebelde en la Habana, Cuba"; over *R.Enciclopedia*. [Connelly-MA]
- 540 **MEXICO** *XETX* Nuevo Casas Grandes, Chih. JUL 30 0542 – Tune-in, "La Ranchera de Paquimé, 540 AM y 90.5 FM" ID, so XETX is still going, despite recent unexplained unlogs; only poor signal now but readable with frequent IDs. [Hauser-OK]
- 570 **CUBA** *R.Reloj*, Santa Clara JUL 23 0300 – Beep, woman, "Radio Reloj, once en punto de la noche," RR beeps; way over WMCA. [Connelly-MA]
- 580 **MEXICO** *XEMU* Piedras Negras, Coah. AUG 17 0541 – Ranchera music is holding its own against WIBW Topeka, presumed XEMU, and as the two are not exactly opposite, by carefully positioning the DX-398 I can null or minimize the WIBW signal without totally nulling the other one. Live DJ with time check, but no ID, before WIBW regains. [Hauser-OK]
- 580 **PUERTO RICO** *WKAQ* San Juan JUL 23 0301 – WKAQ ID; mixed with WTAG. [Connelly-MA]
- 590 **CUBA** *R.Musical Nacional*, La Julia AUG 1 0208 – Operatic solo by woman from southeast, 0212 brief Spanish announcement and more aria; must be *R.Musical Nacional*, and wow, no problem from Omaha, or Pueblo for that matter. WRTH shows CMBF, 25 kW at La Julia. Parallel IDing is not an option with the only other CMBF listed in WRTH on 1140 kHz. Website <http://cmbfradio.cu> mentions only 590 AM and 99.1 FM; sked checks with 'La Opera' at 2200-2228 EDT Fridays. They also claim to stream on Audio Real which launches as Windows Media, just as mixed up as RHC with its constant plugs for Real Audio (not). Indeed I try that: <mms://media.enet.cu/radiomusicalnacional> at 0442 and do hear choral music at only 32 kbps. [Hauser-OK]
- 590 **MEXICO** *XEBH* Hermosillo, Son. AUG 18 1059 – Typical XE music to 1101, then ID for XEBH and XHBH-FM, 5000 watts mentioned (for AM or FM?); back to music after a couple of "La Mejor" slogans. Not very strong and competing with KCSJ and KLBJ, but enough to get the ID for a new one, XE #233 here. [Wilkins-CO]

- 600 **CUBA** *R.Rebelde*, San Germán-Urbano Noris JUL 23 0301 – Parallel 530 with Rebelde ID. [Connelly-MA]
- 600 **PUERTO RICO** WYEL Mayagüez JUN 25 0201 – Parallel weaker 580 WKAQ with Puerto Rico mentions by woman; over Cuba. [Connelly-MA]
- 610 **CUBA** *R.Rebelde*, multiple sites JUL 17 0330 – Parallel 670 with man and woman; over WIOD. [Connelly-MA]
- 620 **CUBA** *R.Rebelde*, Colón JUN 20 0300 – 9-note attention signal, "splash" sounds parallel 600 et al.; through WZON, WVMT, and WSNR tangle. [Connelly-MA]
- 620 **MEXICO** XEBU Chihuahua, Chih. JUL 31 0459 – "La Norteña" briefly overrides KMKI, and KMKI is still *R.Disney* though it's being sold to the cluster including 660 KSKY. [Hauser-OK]
- 630 **PUERTO RICO** WUNO San Juan JUN 25 0159 – Parallel 760 WORA with Puerto Rico mentions and NotiUno ID; under WPRO. [Connelly-MA]
- 640 **CUBA** *R.Progreso*, La Habana-Guanabacoa//Las Tunas JUN 27 0100 – Female vocal, deep-voiced man with Progreso ID at 0100:32; good. [Connelly-MA]
- 650 **COLOMBIA** HJKH, *RCN Antena Dos*, Bogotá JUN 25 0200 – Antena Dos ID, Bogotá mentions in reverberated talk; mixed with *R.Progreso* Cuba. [Connelly-MA]
- 650 **CUBA** *R.Progreso*, Ciego de Avila JUN 27 0100 – Parallel 640 with female vocal, Progreso ID by man; fair. [Connelly-MA]
- 660 **CUBA** *R.Progreso*, Jovellanos JUL 23 0300 – Under WFAN; old-style female vocal parallel 640, 650, 690, 730, 750, 900 kHz. [Connelly-MA] AUG 14 0400 – Good with WFAN off the air; light vocals parallel 640, 690, and 880 kHz. [Conti-NH]
- 670 **CUBA** *R.Rebelde*, multiple sites JUL 23 0300 – Rebelde ID parallel 530; over WWFE. [Connelly-MA]
- 680 **PUERTO RICO** WAPA San Juan JUN 25 0201 – Spanish news by man, Wapa jingle; under WRKO. [Connelly-MA]
- 690 **COLOMBIA** HJ CZ, *W Radio*, Bogotá JUN 27 0100 – Parallel 700 HJ CX with Colombia mentions in talk; slightly over *R.Progreso* vocal. [Connelly-MA]
- 690 **CUBA** *R.Progreso*, Santa Clara JUN 27 0100 – Vocal parallel 640; under Colombia. [Connelly-MA]
- 690 **MEXICO** XECS *La Mejor*, Manzanillo, Col. AUG 8 1055 – Spanish oldie sounding ballad, slogan, into national anthem at 1058. Presumed this was the 50 kW XEMA Fresnillo, Zacatecas, but ID out of anthem at 1100, "XHECS 96.1 frecuencia modulada... desde... la Mejor..." Another weak one underneath with anthem beginning at 1100. Jumped on to streema.com while the XECS anthem was playing, and indeed not parallel. They eventually began the anthem at 1102, followed by a brief inspirational prayer by man, time check with sounder and ID mentioning Grupo Radiofónico [B15?] (presumably Grupo Radiofónico B15) and 107.1 FM. [Krueger-FL]
- 690 **MEXICO** XEN México, DF AUG 5 1058 – National anthem, followed by canned ID at 1100: "XEN 690 de amplitud modulada con cien mil wats de potencia desde la ciudad de Mexico..."; also gave address and "una estación de grupo Radio Centro"; a program of XE music followed. Fair signal, mixing with one or two other XE's. [Wilkins-CO]
- 690 **MEXICO** XERG Monterrey, NL AUG 7 1100 – Himno nacional, followed by call letter ID and "La Deportiva" slogan. Tough copy with local static noise. [Wilkins-CO]
- 690 **MEXICO** unID JUL 25 0538 – Music and promo for "La Mejor," back to music; roughly southwest, somewhat separable from presumed XEN further east. Unfortunately, IRCA, Cantú and WRTH agree there are two Mexicans with this slogan on 690, so needed something else to nail it, such as FM frequency if not local mention: XEMA Fresnillo, Zacatecas, 50/2 kW, 107.1 FM, or XECS Manzanillo, Colima, 5/1 kW, 96.1 FM. I would say closer XEMA much more likely here, and was definite JUL 16 1114 with the FM. [Hauser-OK]
- 700 **COLOMBIA** HJ CX, *W Radio*, Cali JUN 27 0100 – Parallel 690 HJ CZ with man in Spanish talking about Colombia; slightly over others. [Connelly-MA]
- 710 **CUBA** *R.Rebelde*, multiple sites JUL 23 0301 – Echoey ID parallel 600 et al.; mixed with WOR. [Connelly-MA]
- 720 **CUBA** *R.Progreso*, Mabujabo JUN 27 0100 – Female vocal parallel 640; poor. [Connelly-MA]
- 730 **COLOMBIA** HJ CU *Cadena Melodia*, Bogotá JUN 25 0201 – Melodia Estereo ID, bell; good. JUN 27 0100 – Melodia Estereo ID's; to good peak. [Connelly-MA]
- 730 **MEXICO** XEHB Hidalgo del Parral, Chih. AUG 6 1150 – Orchestral anthem followed by FM-only ID at 1151: "Escucha Estereo Fiesta XEHB-FM Estereo Fiesta..."; also gave address on Ortiz Mena Boulevard and mentioned Grupo Radorama; back to music after the ID.

- Good signal and alone on the frequency, probably already on 25 kW day power. New slogan, ex-*R.Viva Villa*, ex-*La Ke Buena*. [Wilkins-CO]
- 740 **CUBA** *R.Angulo*, Sagua de Tánamo JUN 25 0200 – Spanish vocal and carrier wobble; dominant. JUN 27 0059 – "Radio Angulo... su radio" ID, jingle; good. [Connelly-MA]
- 750 **CUBA** *R.Progreso*, Palmira JUN 27 0100 – Progreso ID; good. [Connelly-MA]
- 750 **VENEZUELA** YVKS, RCR, Caracas JUL 17 0330 – RCR ID; over Cuba, WSB. [Connelly-MA]
- 760 **COLOMBIA** HJAJ, RCN, Barranquilla JUN 20 0301 – "RCN la radio" ID; dominant. [Connelly-MA]
- 760 **CUBA** *R.Progreso*, Guane AUG 15 0800 – Under WJR; canned ID with theme song, "Radio Progreso, cadena nacional..." parallel 640 and 690 kHz. [Conti-NH]
- 760 **PUERTO RICO** WORA Mayagüez JUN 25 0159 – Parallel 630 WUNO with Puerto Rico mentions and NotiUno ID; dominant. JUN 27 0101 – NotiUno net ID; in dogpile with Brazil and Colombia. [Connelly-MA]
- 770 **COLOMBIA** HJXX, RCN, Bogotá JUN 27 0100 – Parallel 1000 HJAQ with sporting event, excited talk by man; good, over Cuba, WABC. [Connelly-MA]
- 780 **BRITISH VIRGIN ISLANDS** ZBVI Road Town, Tortola JUN 25 0200 – ZBVI sign-off ID by woman, short hymn, God Save the Queen; fair over *R.Coro*. [Connelly-MA]
- 780 **VENEZUELA** YVMN *R.Coro*, Coro JUL 17 0331 – *R.Coro* ID over static. [Connelly-MA] AUG 15 0702 – Over/under WBBM; *R.Coro* jingle and nostalgia. [Conti-NH]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk JUN 25 0200 – Woman "Radio Transmundial, 800 AM, transmitiendo desde Bonaire, isla del caribe holandesa"; good/dominant. JUN 27 0100 – Woman with *R.Transmundial* ID, gospel singing, then man in Spanish. [Connelly-MA]
- 800 **MEXICO** XEQT *La Poderosa*, Veracruz, Ver. AUG 15 1012 – Canned slogan by man between each Mexi-tune. Near local level for a few minutes, then a little co-channel by pre-sunrise authority WPLK from 1022 UTC. Listed as just 1 kW. Nice not to hear XEROK for a change. [Krueger-FL]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá JUN 25 0200 – *Caracol Radio* ID; good/dominant. JUN 27 0058 – Excited sportstalk, "CARACOL de Colombia" ID; good/dominant. [Connelly-MA]
- 820 **COLOMBIA** HJED *Caracol Radio*, Cali JUN 25 0200 – *Caracol Radio* ID; in bad jumble with Cubans and growl from presumed *R.Vigia* around 820.18 kHz. [Connelly-MA]
- 820 **CUBA** *R.Reloj*, Ciego de Avila JUN 27 0100 – Female vocal parallel 640; under *R.Ciudad de la Habana*. [Connelly-MA]
- 820 **CUBA** *R.Ciudad de la Habana*, La Habana-Arroyo Arenas JUN 27 0100 – *R.Ciudad de la Habana* ID; over *R.Progreso*. [Connelly-MA] AUG 10 0135 – Harmonious duet in Spanish, as good as WBAP which must be in a fade, on the NRD-545 and fixed north-south wire antenna, but better than on PL-880 which I can rotate to null WBAP. Then 'that Cuban sound' man and woman announcers in scripted text, mentioning Cuba. Meanwhile, not parallel 4765 *R.Progreso* or 5025 *R.Rebelde*, which is to be expected since uplooked later the closest 820 Cuban is *R.Ciudad de la Habana*, 10 kW. [Hauser-OK]
- 840 **CUBA** CMHW *Doblevé*, Santa Clara JUL 23 0300 – *Doblevé* ID, "desde Santa Clara, Cuba"; good, way over WHAS. [Connelly-MA]
- 860 **CUBA** *R.Reloj*, Jovellanos JUN 27 0100 – *Reloj* programming; fair. [Connelly-MA]
- 870 **CUBA** *R.Reloj*, multiple sites JUN 25 0100 – Time check, "nueve de la noche." JUL 17 0330 – ID, "Radio Reloj desde Habana, Cuba." [Connelly-MA]
- 880 **CUBA** *R.Progreso*, Pinar del Río AUG 9 1507 – Cuban folk vocals, good. Listed at a weird 12 kW. [Krueger-FL] AUG 14 0400 – Good, over CKLQ with WCBS off the air; light vocals parallel 640, 660, and 690 kHz. [Conti-NH]
- 900 **CUBA** *R.Progreso*, San Germán-Urbano Noris JUN 20 0300 – News by woman parallel 640 kHz. [Connelly-MA]
- 900 **VENEZUELA** YVMD Maracaibo JUN 25 0200 – "Hora Venezuela" and "desde Maracaibo" mentions; over Cuba. [Connelly-MA]
- 910 **VENEZUELA** YVRQ Caracas JUN 25 0300 – Typical doorbells, talk; mixed with Cuba and WLAT. [Connelly-MA]
- 940 **MEXICO** XEQ *Ke Buena*, México, DF AUG 8 0800 – Fair and on-frequency; *Ke Buena* jingle, "940 AM," and tropical music. [Conti-NH] AUG 9 1100 – Female, "capital de México... aquí Ke Buena." [Krueger-FL] AUG 16 0800 – Fair; canned ID with jingles, "940 AM... desde estado de México, 50 mil wats de potencia... Ke Buena... 940 AM" and time check, "Las tres en punto." [Conti-NH]

- 940 **PUERTO RICO** WIPR *Máxima 940*, San Juan JUN 25 0200 – "San Juan... Máxima Nueve Cuarenta," loud. JUL 23 0300 – "Máxima, Nueve Cuarenta" ID; fair. [Connelly-MA]
- 950 **CUBA** *R.Reloj*, Arroyo Arenas//Camagüey JUN 25 0200 – Reloj news/time show; mixed with WKDN. [Connelly-MA]
- 950 **MEXICO** XEMEX *La Mexicana*, Cd. Guzmán, Jal. AUG 9 1058 – Mexi-tune ending and the distinctive flute signature they often play between songs. [Krueger-FL]
- 950 **MEXICO** unID AUG 15 1112 – Mexi-tunes; poor, WTLN dominating with Dr. Pinkus quackery. [Krueger-FL]
- 960 **CUBA** *R.Reloj*, Guantánamo JUN 25 0100 – Reloj parallel 870; over WELI. [Connelly-MA]
- 960 **MEXICO** unID AUG 15 1058 – National anthem beginning at tune-in, into Spanish pop-dance vocal. ID must have been pre-anthem. Mostly useless in co-channel. [Krueger-FL]
- 970 **MEXICO** XESW Cd. Madera, Chih. AUG 6 1200 – XE anthem, followed by ID for XHESW 96.1 FM and XESW 970 AM; gave address sounding like "Calle Tercera numero 1403"; a 2-minute prayer was followed by the program "Entre Pasadas y Presentas," consisting of nostalgic music. I think the FM call is actually XHSW but the announcement definitely was for XHESW. Generally fair signal and becoming semi-regular here in the mornings – perhaps a power increase. Former 970 dominator XEJ Cd. Juarez is definitely long-gone, not heard in months or years. [Wilkins-CO]
- 980 **COLOMBIA** HJES Cali JUN 25 0200 – RCN news intro including digitally-processed talk parallel 1000 HJAQ; mixed with WCAP, others. [Connelly-MA]
- 980 **CUBA** *R.Reloj*, Moa JUN 25 0100 – Reloj parallel 870; good, over WOFX and WCAP. JUN 27 0100 – Evenly mixed with WCAP. [Connelly-MA]
- 1000 **COLOMBIA** HJAQ, RCN, Cartagena JUN 25 0158 – Talk parallel 980 HJES, 4-ascending-note attention signal 0158:25 UTC; fair. JUN 27 0100 – Sports parallel 770 HJJX. [Connelly-MA]
- 1000 **CUBA** *R.Granma*, Media Luna JUN 25 0100 – *R.Granma* chime interval signal; mixed with HJAQ. [Connelly-MA]
- 1020.11 unID JUN 27 0100 – Possibly *R.Nanduti*, Paraguay, with off-channel carrier. [Connelly-MA]
- 1030 **ARGENTINA** LS10 *Radio del Plata*, Buenos Aires JUN 27 0100 – Tentative. Pips at top-of-hour consistent with previous logs; under WBZ. [Connelly-MA]
- 1060 **CUBA** *Radio 26*, Jovellanos JUN 27 0100 – Cubana mentions by woman; mixed with WQOM. [Connelly-MA]
- 1060.28 unID JUN 25 0100 – Nightclub style vocal, man in Spanish; poor (on USB) in WQOM slop. [Connelly-MA]
- 1070 **COLOMBIA** HJCG *R.Santa Fe*, Bogotá JUN 25 0100 – Q'Hubo Radio ID, descending 4-note attention signal; mixed with other Latin Americans. JUN 25 0200 – "En Q'hubo Radio... Radio Santa Fe... nueve de la noche"; over IBOC hash and 1070.128 growl carrier. [Connelly-MA]
- 1090 **MEXICO** XEMCA *La Grande de las Huastecas*, Pánuco, Ver. AUG 9 1106 – Man and woman with some public affairs-type discussion program, slogan ID. Excellent level. 'Skynyrd would have loved this station for the calls. [Krueger-FL]
- 1100 **COLOMBIA** HJAT *Caracol Radio*, Barranquilla JUN 25 0100 – Parallel 810 HJCY with fast sports related talk. JUN 25 0200 – *Caracol Radio* ID; slightly over jumble. [Connelly-MA]
- 1110 **CUBA** *R.Angulo*, Holguín JUN 20 0259 – Parallel 740 with *R.Angulo* ID, electronic sound, 6-chime signal; under WBT. JUN 27 0100 – Angulo music parallel 740; poor. [Connelly-MA]
- JUL 23 0400 – Under WBT; choral national anthem. [Conti-NH]
- 1140 **CUBA** *R.Musical Nacional*, Santa Clara JUN 27 0101 – Classical music; over other Cuban. [Connelly-MA] JUL 26 1012 – Classical music, battling her co-channel brethren best she can who are all carrying the annual special Julio 26 celebration of defeat programming. Parallel 590 kHz. [Krueger-FL]
- 1150 **CUBA** *R.Bayamo*, Bueycito AUG 15 0401 – Under WWDJ; canned ID, "Esta es CMKX Radio Bayamo..." and doorbell chimes parallel 1620 kHz. [Conti-NH]
- 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena JUN 25 0201 – CARACOL jingle, talk, Banco Popular advert; good, way over WWVA. JUL 17 0331 – CARACOL ID; mixed with WWVA. [Connelly-MA] JUL 26 0304 – Insomnia strikes, so this channel stayed on while I was horizontal. News items, Caracol ID 0308, trading places with XERT *Ke Buena* mostly Mexican ballads and slogan. Presumed CMKS mostly dominating later. [Krueger-FL]
- 1170 **CUBA** Cadena CMKS, Maisí JUL 26 0849 – Somewhat sloppy band version of the Cuban anthem caught my ears, playing at an odd time. Presumed CMKS, allegedly the only Cuban on 1170. Into lots of speeches and fanfare – surely pre-recorded at this pre-dawn hour – all regarding today's celebration of the attack on the Moncada Barracks in 1953. Anthem aired again at 0921, and announcements stated this was a co-production of

Radiocubana and Radio Habana Cuba. Indeed, programming was then noted parallel all audible national and provincial networks, as well as locals, with the exception of *R.Enciclopedia*, *R.Musical Nacional* and *R.Rejoj*. Heard in parallel were *R.Progreso*, *R.Sancti Spiritus*, *R.Artemisa*, *R.Guamá*, *Radio 26* (I should certainly hope so), *R.Angulo* and *R.Ciudad del Mar*. Also, *R.Habana Cuba* shortwave 9550, 9850, 11860 and 11950. If any other transmitters were active in this hour, their signals were hopping over me. *R.Rebelde* 5025 was also in parallel. And I've asked this before to deaf ears: is CMKS ever using the old *R.Trinchera Antiimperialista* slogan like they used to decades ago? Their website conflicts, with references to CMKS, Radio Trinchera, Radio Trinchera Antiimperialista and even the convoluted Radio Guantánamo Trinchera Antiimperialista. On a side note, CMKS may well be the easternmost Cuba MW transmitter, the town of Maisí located at nearly the extreme eastern tip of Cuba. [Krueger-FL]

- 1170 **MEXICO** XERT *Ke Buena*, Reynosa, Tamps. AUG 1 1057 – Truncated national anthem at 1059, "Radio... XERT... la..." [Krueger-FL]
- 1180 **CUBA** *R.Rebelde*, multiple sites JUL 23 0301 – Rebelde ID parallel 600; over WHAM. [Connelly-MA]
- 1480 **MEXICO** unID AUG 7 1044 – Maybe Mexico with Mexi-tunes, Spanish man briefly, co-channel someone with black gospel, then lost to power up of WVOI Marco Island into oldies from 1059. AUG 8 1035 – Mexi-tune, fade and recheck around 1050 already had WVOI dominating and hopeless. LOB is east/west, and WUNA Ocoee remains presumably Haitian kreyol which if so would rule them out. [Krueger-FL]
- 1610 **ANGUILLA** *Caribbean Beacon*, The Valley AUG 16 0800 – Good, over CHHA; Bible preaching about redemption, through the hour without a break. [Conti-NH]
- 1620 **CUBA** *R.Rebelde*, La Habana//Guantánamo JUL 23 0300 – 9-note attention signal, splash sounds; over others. [Connelly-MA]

CONTRIBUTORS

Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, Antenna 1: Cardioid-pattern SuperLoop 10m vert. by 11m horiz. (peak 165°, null 345°), Antenna 2: Cardioid-pattern SuperLoop 8m vert. by 15m horiz. (peak 75°, null 255°).
 Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, MWDX-5 phasing unit, 15 x 23-m variable termination SuperLoop antennas at 60° northeast and 180° south.
 Glenn Hauser, Enid OK; DX-398 or PL-880 with internal antenna only.
 Terry L. Krueger, Clearwater FL; NRD-535, IC-R75, roof dipole, active loop.
 John Wilkins, Wheat Ridge CO; Drake R8, 4-foot box loop.
 Robert Wilkner, Pompano Beach FL; 746Pro, Drake R8, NRD 525, Sony 2010XA.

INTERNATIONAL NEWS

ANGOLA: The future of this medium wave radio country is in question. The Rádio Nacional de Angola station list at www.rna.ao/exploracao-da-rede/ only lists 945 *Rádio N'gola Yetu* and 1134 *Canal A* as active on medium wave, along with short wave and an extensive FM network. Only 945 was received during the November 2014 Prince Edward Island DXpedition, while once widely received 1088 was noted conspicuously missing and presumed off [www.bamlog.com/2014peidxpded.htm]. 1134 was reported "not heard" during a Namibia DXpedition, October 2013 [Hans-Friedrich Dumrese, *wvdx*]. Agência Angola Press reported a new Soyo radio station on 1290 kHz, July 2012, later received off-frequency at 1289.805 kHz, September 2012 [Henrik Klemetz, *mwmasts*], confirming this non-9 kHz channel. However, 1290 is not listed by Rádio Nacional de Angola, only FM in Zaire province. [www.bamlog.com/darkcountries.htm]

BERMUDA: 1160 VSB3 relay of the BBC World Service has been off the air since May. *The Royal Gazette* reported that it went off the air so overdue transmitter work could be done, however the decision whether broadcasts would resume is yet to be made. The BBC broadcast was sponsored by the United Bermuda Party and then by the Progressive Labour Party which later dropped sponsorship. The BBC broadcast had since continued unfunded as a public service. "If we cannot get any money for it, we might drop it or put something else on the channel," said Kenneth DeFontes at VSB. "These services are wonderful and people love them, but if we cannot make it pay we have to make a decision." DeFontes said competition is a factor as well, with 11 Bermuda radio stations serving a market of 64,000 listeners. [www.royalgazette.com]

FRANCE: The 702 kHz relay of CRI has been off the air since August 1. [Christian Ghibaudo, *mediumwave.info*]

FRANCE: Following a July 21 decision, Radio France (*France Info* and *France Bleu*) transmitters on 603, 711, 864, 1206, 1242, 1278, 1377, 1404, 1494, and 1557 kHz will be switched off at the end of 2015. It seems unlikely that another station would rent one of these transmitters in the foreseeable

future. [*mzlistdb* via *mwmasts*] Radio France will end medium wave transmissions by the end of this year and long wave (162 kHz) transmissions by the end of 2016. "L'abandon des ondes moyennes et longues permettra d'économiser 13 millions d'euros, mais pour la direction, c'est l'effort sur la masse salariale qui relancera la machine, avec 19 millions d'économies d'ici 2019. Le ministère de la Culture demande à voir. Les ondes moyennes? Ce sera terminé à la fin de l'année. Idem fin 2016 pour les ondes longues. Deux abandons historiques pour le groupe, même si les deux systèmes de diffusion étaient devenus un peu superflus depuis longtemps." [www.franceinter.fr]

GERMANY: Bayerischer Rundfunk MW 801 and 729 to be ceased forever, Sept 30 at 10:45 UTC. [Wolfgang Bueschel, *mwdx*]

KUWAIT: *Radio Free Iraq* broadcasts on 1593 kHz ended July 31 after 17 years of service. *Radio Free Iraq* merged with *Radio Sawwa*, and digital content moved to the *Radio Sawwa* website. [Radio Free Europe/Radio Liberty press release, www.rferl.org]

NETHERLANDS: *Radio 5* on 747 and 1251 kHz scheduled to close September 1. "Per 1 september wordt de distributie van Radio 5 via de AM stopgezet. Vanaf dat moment zijn er geen radiozenders van de NPO meer te horen op de middengolf." [www.radio5nostalgia.nl]

NETHERLANDS: 675 *R.Maria* scheduled to close September 1. "Na 1 september is Radio Maria Nederland uitsluitend digitaal te beluisteren. Het katholieke radiostation verdwijnt van de middengolf (AM) maar blijft te ontvangen via DAB+ en internet. Luisteraars moeten vanaf 1 september digitaal afstemmen op Radio Maria via DAB+ of internetradio. De zender is dan niet meer te ontvangen via de middengolf. KPN, exploitant van de zendmast, staakt de uitzendingen via de middengolf eerder dan verwacht. Na uitgebreid onderzoek van het bestuur van Radio Maria blijkt dat er geen betaalbaar AM-alternatief is. Vanaf september wordt er daarom volledig ingezet op digitaal. 'Digitale radio is de radio van de toekomst. Met een veel betere geluidskwaliteit dan via de analoge signalen van de middengolf' geeft bestuursvoorzitter Ger Zimmermann aan..." [www.radiomaria.nl]

73s and Good DX!

DX Toolbox



Editor: **Shawn Axelrod**, 30 Becontree Bay, Winnipeg MB R2N 2X9, Canada, amandx@mymts.net
A column devoting to improving your DX skills – for both new and veteran members.

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 72. With summer in full gear this month I will have you do some summer time reading and not listening.

This Month's Radio Saying: "Radio ... Furniture that talks."

New Receivers

It seems that another DX season is winding down if it is not darn right over. As the static on the AM radio band builds and the hours of DX time shorten (Here in Winnipeg it is light outside from about 05:00 until 22:00 daily) many of us turn to other forms of DX'ing. The most popular is likely FM DX'ing; you know that other radio band. It seems that at the end of every season looking back on what DX we did or for that matter did not get is a tradition. For myself, there was very, very little DX that was not either from Canada or the USA. TA's and TP's in this part of the world without large beverage antennas are super rare. Yet this season the Mexican and Cuban stations that were regular visitors to my radio shack were almost nonexistent.

Now I realize not every DX season can be full of new and rare DX with great openings but the last two DX seasons have been particularly bland. That is not to say I did not hear any new stations just that the variety of DX has been more domestic and less foreign shall we say. Radio stations may not be like fine wines but I would enjoy a nice mix of these varieties of DX just to spice up my DX'ing.

I am not giving up on the hobby just some observations from where I sit. In point of fact I am starting to look into replacing my trusty but old receivers with something more modern. I use a Drake R8 and a much beloved ICOM ICR-70. Both have served me well over the years but I am thinking perhaps it would be nice to have a receiver from this century in the radio shack. I am therefore asking you good readers to come forward with a receiver or two that you feel would be advantageous for me to purchase to enhance my DX'ing. So send in your recommendations and I will put them into an upcoming column so we can all see what and why I should buy your favourite receiver.

For sake of argument I will not limit the suggestions by price (My wife and my wallet will be doing that) so if you do own a more expensive receiver and you want to say it is the best bet then send it in. This is an open invitation to all members for all receivers so let us know what you think is the best receiver and let us see where this conversation goes. The only restraint I would put on your suggestions is that you have used the receiver yourself so it is through personal experience you are recommending that unit. You can tell us why you feel it is the best receiver all of us should have in our radio shack to DX with. I am looking forward to your comments.

Article on the Great White North and Its Radio Stations

There is an excellent article on radio in Canada's north at:

<http://www.radioworld.com/article/radio-is-essential-in-canada%E2%80%99s-arctic/276430>

The article on Radio World web site gives an excellent view of what radio is and what it means to the listeners in the North. This is an up close view of CBC's Radio North programming including pictures of some of the broadcast sites. Trying to cover the 1.79 million square miles or 46 million square kilometers is no easy task. In that huge expanse, larger than many countries around the world, are only 150,000 potential listeners of all ages.

The Way Back Machine

And continuing our reading and not listening theme I will be doing something new in the column about some things that are old. This go around we have a book review. I would like to draw attention to a new book out this summer.

The book is titled *On The Air, The Golden Age of Manitoba Radio*. The author is long time broadcaster Garry Moir who spent over 40 years in broadcasting including a long stint at the CBC. The book's ISBN is 9781927855263.

The Winnipeg Free Press says the book is: "The 192-page paperback reveals the rich, revolutionary history of Manitoba radio and the impact it had on society at the time."

You can see the rest of the Free Press review at:

<http://www.winnipegfreepress.com/our-communities/metro/Moir-chronicles-Manitoba-radios-golden-age-304308701.html>

or

<http://www.winnipegfreepress.com/arts-and-life/entertainment/books/around-the-dial-308609451.html>



This is a great read all about the rise of broadcasting in Manitoba from its very beginning when in 1910 Lee De Forest came to Winnipeg to show off the new way to communicate right through to the 1980's. Mr Moir not only writes about the radio stations in Winnipeg but also has chapters on radio in Dauphin CKDM, Brandon CKX, Flin Flon CFAR, and others. He looks at the impact radio had on the daily lives of Manitoban in the city and on the farm. The book has in depth looks into some of the famous radio personalities who broadcast from Manitoba. Many of the names went on to become nationally or internationally famous. One of the final pages in the book lists all the radio firsts that occurred in Manitoba some of which were firsts for Canada and North America.

Anyone interested in radio and how it shaped society and for that matter how society shaped radio should read this well written personable book.

I got mine at a local Chapters Bookstore and was lucky enough to get a signed copy...Bonus! I would suggest [www.Amazon.ca](http://www.amazon.ca) for non-Canadian readers.

Bits and Bites from the NRC listserv:

From: Mark Connelly

Re: American Radio History website goodies

February 1992 Monitoring Times includes Karl Zuk's write-up of the 1991 Newfie DX'pedition:

<http://www.americanradiohistory.com/Archive-Monitoring-Times/Monitoring-Times-1992-02.pdf>

IRCA Foreign Logs – Several from the '70s available from links at:

http://www.americanradiohistory.com/Radio_Log_Master_Page.htm

This one includes stuff I heard in Ireland in 1977 (PDF page 15; book page 13):

<http://www.americanradiohistory.com/Archive-Radio-Logbooks/IRCA-Foreign-Log/IRCA-1977.pdf>

These foreign logs have drool-worthy Latin Americans on 5 kHz / other splits that, unfortunately, were gone by the time SDR's and terminated-loop technology came along.

Some of the contributors are still DX'ing. Others such as Schatz and Nelson have gone to the "big R-390A in the sky."

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

Pro Sports Networks

Editor: Barry S. Finkel, 10314 S. Oakley, Chicago IL 60643-2409, bsfinkel@att.net

Here is National Football League (NFL) flagship information from Internet searches and from newspaper searches at the Chicago Public Library. Some of the network lists are undated, so I do not know if they are for the current season. And I cannot rely on the copyright date at the bottom of each page, as that is probably added globally for the web site. even if the specific web page being viewed has not changed. And some team sites do not list the announcer team, while others have bios that are a few seasons' old, so I do not know if they are current.

Some of the online lists cannot be cut-and-pasted, as they are graphical images.

The announcer names are found at this URL:

http://en.wikipedia.org/wiki/List_of_current_NFL_broadcasters

But the footnotes on that site all point to web page retrievals in 2012. That URL also has flagship and network size information. The site <http://www.freqseek.com/nfl-radio-networks.aspx> has the NFL networks, but there is no source information there. And I do not know if the site honors the "Do Not Reproduce" statement at the bottom of some of the network list pages. I cannot include a network in this column if there is a "DNR" warning on the web page.

There is a site <http://nflfootballtv.com/onlineradio.html> that has Internet online radio - streaming audio and video information on each team. I have no idea if that web site is current.

The Westwood One Radio Network (renamed to Dial Global Sports and in 2013 renamed to WestwoodOne Sports) will broadcast NFL games; this URL

<http://www.nfl.com/tvradio/broadcasters/westwoodone>

but the hyperlinks on this page to other pages are all bad. Maybe the links are being updated. The URL <http://westwoodonesports.com/2015/06/sunday-nfl-schedule-released-weeks-1-through-5/> has the broadcast schedule for the first five weeks of the season.

As always, any of these network lists can change during the season. Please send me any additions and/or corrections. Thanks.

Arizona Cardinals	98.7	KMVP-FM-AZ		*Dave Pasch, Ron Wolfey, Paul Calvisi
Atlanta Falcons	92.9	WZGC-GA		Wes Durham, Dave Archer
Baltimore Ravens	1090	WBAL-MD		Gerry Sandusky, Qadry Ismail. Stan White
	97.9	WIYY-MD		
Bufalo Bills	550	WGR-NY		John Murphy, Mark Kelso
	1520	WWKB-NY	c	
Carolina Panthers	1110	WBT-NC		Mick Mixon, Eugene Robinson, Jim Szoke,
	99.3	WBT-FM-SC		Eugene Robinson, Jordan Gross
Chicago Bears	780	WBBM-IL	E	Jeff Joniak, Tom Thayer, Zach Zaidman
	105.9	WCFS-FM-IL	E	
	1200	WRTO-IL	S	Hector Lozano, Omar Ramos
Cincinnati Bengals	1530	WCKY-OH		Dan Hoard, Dave Lapham
	700	WLW-OH		
	102.7	WEBN-OH		
Cleveland Browns	850	WKNR-OH		Jim Donovan, Doug Dieken, Nathan Zegura
	92.3	WKRK-OH		
	98.5	WNCX-OH		
Dallas Cowboys	105.3	KRLD-FM-TX	E	Brad Sham, Babe Laufenburg, Kristi Scales
	107.5	KMVK-TX	S	Victor Villalba, Andres Arce, Luiz Perez
Denver Broncos	850	KOA-CO		Dave Logan, Ed McCaffrey
Detroit Lions	97.1	WXYT-FM-MI		Dan Miller, Jim Brandstatter, Tony Ortiz
	1270	WXYT-MI		
Green Bay Packers	620	WTMJ-WI		Wayne Larrivee, Larry McCarren
Houston Texans	610	KILT-TX	E	Marc Vandermeer, Andre Ware, Rich Lord
	100.3	KILT-FM-TX	E	
	1180	KGOL-TX	S	
Indianapolis Colts	107.5	W288BB-IN		*Bob Lamey, Will Wolford, Kevin Lee
	1070	WFNI-IN		
Jacksonville Jaguars	1010	WJXL-FL		*Frank Frangie, Jeff Langeman, Tony Boselli,
	92.5	WJXL-FM-FL		Brent Martineau
	99.9	WGNE-FL		
Kansas City Chiefs	101.1	KCFX-MO		Mitch Holthus, Len Dawson, Kendall Gammon

Miami Dolphins	940	WINZ-FL	E	*Jimmy Cefalo, Bob Griese, Joe Rose, Keith Sims,
	105.9	WBGG-FL	E	Kim Bokamper
	1140	WQBA-FL	S	*Raul Striker, Jr., Stefano Fusaro
Minnesota Vikings	100.3	KFXN-FM-MN		Paul Allen, Pete Bercich, Greg Coleman
New England Patriots	98.5	WBZ-MA		Bob Socci, Scott Zolak
New Orleans Saints	870	WWL-LA		*Jim Henderson, Hokie Gajan, Kristian Garic
	105.3	WWL-LA		
New York Giants	660	WFAN-NY	E	Chris Carrino, David Diehl, Paul Dottino
	101.9	WFAN-NY	E	
	1280	WADO-NY	S	Nestor Rosario, Fancis Adames
New York Jets	98.7	WEPN-NY	E	*Bob Wischusen, Marty Lyons, Larry Hardesty
	1050	WEPN-NY	S	
Oakland Raiders	95.7	KGMZ-CA		Greg Papa, Tom Flores, Lincoln Kennedy
	102.1	KFOX-CA		
	98.5	KFOX-CA		
Philadelphia Eagles	94.1	WIP-FM-PA		Merrill Reese, Mike Quick
Pittsburgh Steelers	970	WBGG-PA		Bill Hillgrove, Tunch Ilkin, Craig Wolfey
	102.5	WDVE-PA		
St. Louis Rams	101.1	WXOS-IL		Steve Savard, D'Marco Farr
San Diego Chargers	105.3	KIOZ-CA	E	Josh Lewin, Curtis Conway, Nick Hardwick
	1360	KLSD-CA	E	
	107.3	XHFG-BCN	S	Jorge Villanueva
San Francisco '49ers	680	KNBR-CA	E	Ted Robinson, Tim Ryan
	810	KGO-CA	E	
	107.7	KSAN-CA	E	
	860	KTRB-CA	S	Erwin Rolando Higueros, Jesus Zarate
Seattle Seahawks	710	KIRO-WA		Steve Raible, Warren Moon
	97.3	KIRO-WA		
Tampa Bay Buccaneers	620	WDAE-FL		Gary Deckerhoff, Dave Moore, T.J. Rives
	95.3	W237CW-FL		
	103.5	WFUS-FL		
Tennessee Titans	104.5	WGFX-TN		Mike Keith, Frank Wycheck, Jonathan Hutton
Washington Redskins	980	WTEM-DC		Larry Michael, Sonny Jurgensen, Rick "Doc" Walker, Chris Cooley, Brian Mitchell

Arizona Cardinals 2015 -Dave Pasch, Ron Wolfey, Paul Calvisi

<http://www.azcardinals.com/photos-videos/weekly-programming.html> (8/21/2015)

This list is undated; is it current?

560	KBLU-AZ	980	KNTR-AZ	1340	KIKO-AZ	92.1	KZUA-AZ
600	KVNA-AZ	1230	KATO-AZ	1400	KRVZ-AZ	92.3	<u>KTAR-FM-AZ</u>
620	<u>KTAR-AZ</u>	1290	KCUB-AZ			94.3	KDDL-AZ
780	KAZM-AZ					100.1	KGMN-AZ

Atlanta Falcons 2015 Wes Durham, Dave Archer

<http://www.atlantafalcons.com/on-the-air/falcons-radio-network/radio-affiliate-stations.html> (8/19/2015)

550	WDUN-GA	1240	WGGA-GA	1580	WIOL-GA	101.1	WTGA-FM-GA
630	WNEG-GA	1250	WSRA-GA			101.9	WJFL-GA
790	WSFN-GA	1310	WHEP-AL	92.1	WDDQ-GA	102.1	WZAT-GA
800	WJAT-GA	1350	WFNS-GA		WPEH-FM-GA	102.9	WDUN-FM-GA
850	WPTB-GA		WYPZ-GA	92.9	<u>WZGC-GA</u>	103.7	W279BC-GA
860	WDMG-GA	1370	WLOP-GA	95.5	WFSM-GA a	103.9	WYAB-MS
940	WMAC-GA		WDEF-TN	95.7	WATG-GA	105.5	WIFO-FM-GA u
960	WRFC-GA	1420	WPEH-GA		WIOL-FM-GA		WCCP-FM-SC
970	WVOP-GA	1450	WKEU-GA	96.1	W241BG-GA	107.5	WTIF-FM-GA
1150	WJEM-GA		WMVG-GA	99.3	WCON-FM-GA	___	WJBG-GA a

Baltimore Ravens 2015 Gerry Sandusky, Qadry Ismail. Stan White

<http://www.baltimoreravens.com/gameday/gameday-coverage.html> (8/19/2015)

910	WSBA-PA	1340	WEPM-WV	1490	WARK-MD	98.9	W255CP-MD
1090	<u>WBAL-MD</u>	1430	WNAV-MD			100.3	WBIG-FM-DC
1240	WCEM-MD	1450	WTHU-MD	93.5	WZBH-DE	106.3	WCEM-FM-MD
1290	WWTX-DE	1470	WTTR-MD	97.9	<u>WIYY-MD</u>	107.1	WCBC-FM-WV

Buffalo Bills 2015 John Murphy, Mark Kelso<http://www.buffalobills.com/media-center/radio-network-listing.html>

The 2014 list is still online.

Carolina Panthers 2015 Mick Mixon, Eugene Robinson, Jim Szoke, Eugene Robinson, Jordan Gross<http://www.panthers.com/news/radio.html> (8/14/2015)

570	WWNC-NC	1240	WJNC-NC	92.1	WWNU-SC	101.1	WROQ-SC
580	WLVA-VA h	1250	WKDX-NC	92.3	WKRR-NC	102.3	WWMY-NC
590	WCAB-NC	1280	WSAT-NC	93.7	WNTB-NC		WPTM-NC
620	WDNC-NC	1340	WYNF-GA	94.1	W231BC-VA	102.7	WPUB-FM-SC
810	WPIN-VA	1390	WOHS-NC		W231CE-VA	103.3	WKVS-NC
920	WYMB-SC	1400	WSIC-NC	94.3	WSCC-FM-SC	103.7	WTIB-NC
960	WRNS-NC	1430	WKEX-VA	99.3	WZAX-NC	106.3	WUDE-NC
1010	WSPC-NC	1450	WIZS-NC		<u>WBT-FM-SC</u>	107.1	WTKF-NC
1050	WLON-NC		WHKP-NC	99.9	WCMC-FM-NC		WRHM-SC
1110	<u>WBT-NC</u>		WTOD-SC	100.1	WWFN-FM-SC	107.3	WVSZ-SC
1200	WXIT-NC	1460	WDOG-SC	100.3	WSEA-SC	107.7	W299BZ-NC
1230	WNNC-NC	1590	WCSL-NC	100.7	W264CU-NC		WUKS-NC
				100.9	WIFM-FM-NC		

Chicago Bears 2015 (EE) Jeff Joniak, Tom Thayer, Zach Zaidman<http://www.chicagobears.com/multimedia/chicago-bears-network-audio.html> (8/14/2015)

600	WMT-IA	1340	WJPF-IL	92.7	WLSR-IL	101.7	WIVR-IN
780	<u>WBBM-IL</u>	1360	WLBK-IL		WVLI-IL	101.9	WARU-FM-IN
1020	WCIL-IL	1400	WBAT-IN	93.7	WJBC-FM-IL	104.9	WXRX-IL
1050	WDZ-IL	1450	WFMB-IL	95.3	WTRC-FM-MI		WAXI-IN p
1060	WRHL-IL		WASK-IN	95.5	WGLO-IL		KQCS-IA
1150	KCPS-IA	1480	WRSW-IN	96.7	WFML-IN	105.9	<u>WCFS-FM-IL</u>
1230	WJBC-IL	1600	WARU-IN	97.7	WLQI-IN	106.1	KIYX-IA
1280	WBIG-IL			98.9	W255BN-IL	106.3	WGCY-IL
				99.1	WYXY-IL		

Chicago Bears 2015 (SS) Hector Lozano, Omar Ramos<http://chicagoradioandmedia.com/news/7533-univision-wins-chicago-bears-spanish-language-radio-rights> (8/21/2015)

1200	<u>WRTO-IL</u>	93.5	WVIX-IL	103.1	WVIV-FM-IL		
------	----------------	------	---------	-------	------------	--	--

Cincinnati Bengals 2015 Dan Hoard, Dave Lapham<http://www.bengals.com/multimedia/on-the-air.html> (8/14/2015)

600	WKYH-KY	1320	WLOH-OH	1530	<u>WCKY-OH</u>	102.3	WCYN-FM-KY
700	<u>WLW-OH</u>	1340	WCMI-KY	1570	WPTW-OH	102.7	<u>WEBN-OH</u>
790	WKRD-KY		WMON-WV	1590	WSRW-OH	103.7	W279CE-OH
930	WRVC-WV	1360	WMOV-WV			103.9	WRBI-IN
970	WATH-OH	1390	WMPO-OH	92.1	WBVX-KY	104.7	WTUE-OH
990	WTIG-OH	1430	WCLT-OH	95.9	WKID-IN	105.5	WCHO-FM-OH
1010	WIOI-OH	1450	WWXL-KY	96.7	WCSM-FM-OH	105.7	WXZX-OH
1150	WIMA-OH	1480	WTLO-KY		WBVI-OH	107.9	WAMW-FM-IN
1240	WHIZ-OH	1490	WBEX-OH	98.1	W251BC-OH		
1270	WQTT-OH		WMOA-OH	100.3	WCLT-FM-OH		
1300	WMVO-OH		WMRN-OH				
	WJYP-WV	1510	WLGN-OH				

**Cleveland Browns** 2015 Jim Donovan, Doug Dieken, Nathan Zegura<http://www.clevelandbrowns.com/media-center/broadcasts.html> (8/19/2015)

The PNC Cleveland Browns Radio Network

850	<u>WKNR-OH</u>	1440	WRGM-OH	92.3	<u>WKRK-FM-OH</u>	97.5	WONE-FM-OH
970	WFUN-OH	1450	WJER-OH	93.1	WWSR-OH	98.5	<u>WNCX-OH</u>
1240	WBBW-OH	1480	WHBC-OH	94.1	WHBC-FM-OH	100.9	WJAW-FM-OH
1260	WRIE-PA	1540	WBTC-OH	95.3	WKTN-OH	102.9	WYFM-PA
1290	WHIO-OH	1590	WAKR-OH	95.5	WZOH-FM-OH	104.5	WQKT-OH
1430	WFOB-OH	1600	WKKX-WV	95.7	WHIO-FM-OH	107.7	WPFX-FM-OH
				97.3	W247BL-OH		

Dallas Cowboys 2015 (EE) Brad Sham, Babe Laufenburg, Kristi Scales
<http://www.dallascowboys.com/multimedia/radio-broadcast-information.html> (08/14/2015) d
 Compass Media Networks Expanded Terrestrial Radio Coverage
 DO NOT REPRODUCE.

Dallas Cowboys 2015 (SS) Victor Villalba, Andres Arce, Luiz Perez
<http://www.dallascowboys.com/multimedia/radio-broadcast-information.html> (08/14/2015) DNR
 Cowboys Spanish Language Radio Network: Cadena de Plata Radio
 DO NOT REPRODUCE.

Denver Broncos 2015 Dave Logan, Ed McCaffrey
<http://www.850koa.com/articles/broncos-affiliates-487732/broncos-radio-network-affiliates-12625210/> (8/14/2015)

550	KRAI-CO	1320	KFNZ-UT	1470	KKTY-WY	99.3	KTGA-WY
600	KCOL-CO	1330	KOVE-WY	1490	KPKE-CO	100.5	KRSJ-CO
610	KCSR-NE	1340	KVRH-CO		KNAM-CO	101.7	KDJM-KS
670	KMZQ-NV		KCQL-NM		KBSR-MT	102.3	KSPK-FM-CO
850	<u>KOA-CO</u>		KKAM-TX		KGOS-WY	102.5	KKCI-KS
960	KNEB-NE		KYCN-WY	1600	KIVA-NM	103.1	KYDT-WY
990	KSVP-NM		KWOR-WY			103.5	KRFX-CO
1010	KSIR-CO	1350	KCCY-CO	87.7	KSHW-LP-WY	104.1	KBVC-CO
1030	KTWO-WY	1380	KOTA-SD	92.1	KFRZ-WY	104.3	KFZE-WY
1180	KOFI-MT	1400	KWUF-CO	92.5	KCRT-FM-CO	104.5	KSTY-CO
1230	KHDN-MT		KLIN-NE	93.5	KALQ-FM-CO	105.7	KVAY-CO
1240	KFBC-WY	1410	KOOQ-NE	96.1	KSTR-FM-CO		KPMX-CO
	KEVA-WY		KWYO-WY	97.9	KTAG-WY	106.1	KNFO-CO
1260	KPOW-WY	1450	KYLW-MT	98.9	KTYV-CO		KXXL-WY
1290	KOWB-WY		KBFS-SD	99.1	KMTS-CO	107.9	KDZA-FM-CO
1300	KBRL-NE		KBBS-WY		KWYW-WY		KZRS-KS

Detroit Lions 2015 Dan Miller, Jim Brandstatter, Tony Ortiz
<http://www.detroitlions.com/media-center/lions-radio-network.html> (08/14/2015)
 DO NOT REPRODUCE.

Green Bay Packers 2015 Wayne Larrivee, Larry McCarren
<http://www.packers.com/media-center/radio-shows/packers-radio-network/station-listing.html> (8/20/2015)
 This list is the same as last year; is it current?

550	WSAU-WI	1360	WTAQ-WI	96.1	WJMC-FM-WI	101.1	WIXX-WI
580	WKTY-WI	1400	WBIZ-WI	97.1	WGLQ-MI	101.5	WJNR-FM-MI
620	<u>WTMJ-WI</u>	1450	KFIZ-WI		WCOW-FM-WI		WIBA-FM-WI
710	WDSM-WI	1550	WEVR-WI	97.5	WTAQ-FM-WI	102.3	WAUH-WI
940	WFAW-WI			97.7	WGLR-FM-WI		WHTL-FM-WI
1140	KSOO-SD	92.3	WJMQ-WI	98.3	WRUP-MI	102.9	WBDL-WI
1150	WHBY-WI		WRLS-FM-WI		WCQM-WI	105.3	WRLO-FM-WI
1220	KLBB-MN	92.7	WDUX-FM-WI	99.3	WKEB-WI	105.7	WCUP-MI
1230	WFXN-IL	93.3	WBSZ-WI	99.7	WIMI-MI		WAPL-WI
	WCLO-WI	93.7	WCYE-WI	99.9	WJVL-WI		WXCX-WI
1240	WOMT-WI	94.3	WQPC-WI		WSAU-FM-WI	106.3	WEVR-FM-WI
1310	WIBA-WI	95.1	WLST-WI	100.7	WBIZ-FM-WI	107.1	WFON-WI
1330	WHBL-WI	95.3	WXRO-WI	100.9	WRCO-FM-WI		

Houston Texans 2015 (EE) Marc Vandermeer, Andre Ware, Rich Lord and (SS)
Houston Texans 2015 (SS)
<http://www.houstontexans.com/gameday/broadcasting/broadcast-network.html> (8/20/2015)
 DO NOT REPRODUCE.

Indianapolis Colts 2015 -Bob Lamey, Will Wolford, Kevin Lee
<http://www.colts.com/media-center/radio-tv-broadcast/affiliates.html> (8/14/2015)

680	WHBE-KY	1190	WOWO-IN		WXFN-IN	1490	WDAN-IL
740	WVLN-IL	1230	WTCJ-IN	1350	WIOU-IN	1550	WLTI-IN
860	WMRI-IN	1280	WGBF-IN	1370	WGCL-IN	1570	WNDA-IN
1070	<u>WFNI-IN</u>	1320	WBRT-KY	1440	WPGW-IN	1600	WLRS-KY
1090	WCRA-IL	1340	WBIW-IN	1460	WJCP-IN		

92.1	WROI-IN	95.9	WEFM-IN	98.7	WASK-FM-IN	105.7	WHBE-FM-KY
	WZDM-IN	96.1	WQLK-IN	102.3	WSMM-IN	105.9	WJOT-FM-IN
92.7	WZBD-IN	96.7	WORX-FM-IN	102.7	WAOR-IN	106.5	WWBL-IN
93.5	WMXQ-IN	97.1	WLHK-IN	103.3	WAXL-IN	106.7	WYFX-IN
94.3	WREB-IN	97.7	WSSM-IN	103.9	WIMC-IN	107.3	WRZQ-FM-IN
94.5	WRZR-IN	97.9	WSLM-FM-IN	105.3	WJLT-IN	107.5	<u>W298BB-IN</u>
94.9	WYNG-IL	98.1	WIBN-IN	105.5	WWVR-IN	107.7	WMRS-IN

Jacksonville Jaguars 2015 -Frank Frangie, Jeff Langeman, Tony Boselli, Brent Martineau

<http://www.jaguars.com/media-gallery/media-affiliates/index.html> (8/14/2015)

1010	<u>WJXL-FL</u>	1550	WNZF-FL	94.3	WNFB-FL	105.5	WIFO-FM-GA u
1060	WIXC-FL	1590	WPSL-FL q	97.7	WYYX-FL	106.3	WKBX-GA
1080	WHOO-FL			99.9	WGNE-FM-FL	107.3	WMCD-GA
1420	WAOC-FL	92.5	<u>WJXL-FM-FL</u>	104.3	W282AR-GA	107.7	WHFX-GA
		93.3	WVFT-FL q				

Kansas City Chiefs 2015 Mitch Holthus, Len Dawson, Kendall Gammon

<http://www.kcchiefsradio.com/affiliate-team/> (8/19/2015)

680	KFEQ-MO	1350	KMAN-KS	92.1	KKOZ-FM-MO	98.5	K253BP-KS
690	KGGF-KS		KRAP-MO		KMOE-MO	99.9	KSKG-KS
790	KXXX-KS	1360	KSCJ-IA	92.3	KSDL-MO		KIRK-MO
860	KKOW-KS	1370	KIOL-KS	92.7	KSJQ-MO	100.1	KKWK-MO
870	KAAN-MO	1380	KUVR-NE	93.5	KLKC-FM-KS		KBBM-MO
910	KINA-KS	1400	KSIM-MO	94.3	KAMO-FM-AR	100.3	KRDQ-KS
960	KZIM-MO k	1420	KJCK-KS	94.5	K233CF-KS		KDVV-KS
990	KRMO-MO		KBTN-MO		KRXL-MO	100.9	KCLY-KS
1070	KHMO-MO	1430	KKOZ-MO		K233AU-OK	101.1	K266AN-IA
1130	KLEY-KS		KRGI-NE	94.9	K235CA-IA		<u>KCFX-MO</u>
1150	KRMS-MO	1450	KWBW-KS	95.1	KAMS-AR	101.7	KVOE-FM-KS
1220	KJAN-IA		KYNT-SD		KTKS-MO	102.9	KMMO-FM-MO
1230	KTNC-NE	1530	KMAM-MO	95.5	KAAN-FM-MO	103.9	KPGG-AR
1240	KFOR-NE	1540	KLKC-KS	96.3	KZDY-KS		KOMB-KS
1250	KBTC-MO	1550	KKLE-KS	96.9	KFIX-KS	104.3	KVGB-FM-KS
1290	KMMM-KS		KYAL-OK	97.1	KYAL-FM-OK	104.5	KUMR-MO
	KOIL-NE	1600	KMDO-KS	97.3	KKJQ-KS	104.9	KXEA-MO
1300	KMMO-MO	1650	WFSM-AR		KXUS-MO	107.3	KTHR-KS
		1700	KBGG-IA	97.9	KICK-FM-MO		

Miami Dolphins 2015 (EE) -Jimmy Cefalo, Bob Griese, Joe Rose, Keith Sims, Kim Bokamper

Miami Dolphins 2015 (SS) -Raul Striker, Jr., Stefano Fusaro

<http://prod.www.dolphins.clubs.nfl.com/finatics/radio-network.html> (8/7/2014)

The 2014 list is still online.

Minnesota Vikings 2015 Paul Allen, Pete Bercich, Greg Coleman

<http://www.vikings.com/media-vault/radio.html> (8/14/2015)

550	KFYR-ND	1270	KFAN-MN	92.5	KKWQ-MN	100.9	WCMP-FM-MN
570	WNAX-SD	1310	KGLB-MN	93.1	K226CA-MN	101.1	KBHP-MN
620	KMNS-IA	1340	KDLM-MN	93.3	KBLB-MN		WHSM-FM-WI
650	WNMT-MN		KRBT-MN	94.1	KXLP-MN	101.7	KRCH-MN
660	KEYZ-ND		KWLM-MN	94.3	KKIN-FM-MN	101.9	KRWK-ND
730	KWOA-MN	1380	KLIZ-MN	94.5	KPLO-FM-SD	102.9	KBWS-FM-SD
740	KVOX-ND		KAGE-MN	94.9	KQDS-FM-MN	103.3	KZCR-MN
880	WMEQ-WI	1390	KXSS-MN	95.3	WXXZ-MN	104.1	KSDM-MN
930	KSDN-SD		KRRZ-ND	95.7	KKOK-FM-MN	105.1	KARL-MN
1130	<u>KTLK-MN</u>	1440	KKXL-ND	96.1	KQPR-MN	105.7	KRAQ-MN
1230	KFSP-MN	1450	KBUN-MN	96.7	KKCQ-FM-MN	105.9	KKWS-MN
	KTRF-MN		WELY-MN	96.9	KMFY-MN		KHRS-MN
	KWSN-SD	1460	KXNO-IA	98.1	KBEW-FM-MN	106.1	K291BT-ND
1240	KICD-IA		KLTC-ND	98.3	KQYB-MN	106.3	KVHT-SD
	WJON-MN	1490	KQDS-MN	99.1	WKFX-WI	106.5	KRJB-MN
	KDLR-ND		KOVC-ND	100.3	<u>KFXN-FM-MN</u>	106.9	KARP-FM-MN
1260	KROX-MN	1600	KDAK-ND	100.7	KIKV-FM-MN	107.3	KNUJ-FM-MN
					KMLO-SD		

New England Patriots 2015 Bob Socci, Scott Zolak
<http://www.patriots.com/media-center/radio-stations> (8/17/2015)

DO NOT REPRODUCE.

New Orleans Saints 2015 (EE) -Jim Henderson, Hokie Gajan, Kristian Garic
<http://www.wvl.com/pages/17028622.php?> (8/19/2015)

540	KMLB-LA	1400	KAOK-LA	94.1	KRLQ-LA	98.1	KTAL-FM-TX
620	WJDX-MS	1450	WASK-IN	95.3	KQKI-FM-LA	98.3	WJDR-MS
870	<u>WWL-LA</u>			96.7	KCIL-LA	99.3	KAPW-TX
920	WBOX-LA	92.5	KVPI-FM-LA	96.9	KZMZ-LA	105.3	<u>WWL-FM-LA</u>
1370	WCOA-FL	92.9	WBOX-FM-LA	97.3	KMDL-LA	107.7	WAZA-MS

New York Giants 2015 (EE) Chris Carrino, David Diehl, Paul Dottino

New York Giants 2015 (SS) Nestor Rosario, Fancis Adames

<http://www.giants.com/broadcast-info.html> (8/17/2015)

DO NOT REPRODUCE.

New York Jets 2015 (EE) -Bob Wischusen, Marty Lyons, Larry Hardesty

New York Jets 2015 (SS)

<http://www.newyorkjets.com/news/radio-info.html> (8/17/2015)

1050	<u>WEPN-NY</u> S	98.7	<u>WEPN-FM-NY</u>	104.5	WTMM-FM-NY	105.7	WCHR-FM-NJ
------	------------------	------	-------------------	-------	------------	-------	------------

Oakland Raiders 2015 Greg Papa, Tom Flores, Lincoln Kennedy

<http://www.raiders.com/media-vault/radio-network.html> (8/17/2015)

DO NOT REPRODUCE.

Philadelphia Eagles 2015 Merrill Reese, Mike Quick

<http://www.philadelphiaeagles.com/videos/94wip-info.html> (8/17/2015)

830	WEEU-PA	1490	WBCB-PA	96.1	WCTO-PA	106.9	WEZX-PA
1150	WDEL-DE				WSOX-PA	107.3	W297AV-PA
1360	WPPA-PA	93.3	WBZD-FM-PA	97.3	WENJ-NJ		WEGH-PA
1450	WPGG-NJ	94.1	<u>WIP-FM-PA</u>	97.7	WAFL-DE		

Pittsburgh Steelers 2015 Bill Hillgrove, Tunch Ilkin, Craig Wolfey

<http://www.steelers.com/news/radio-info.html> (8/17/2015)

Broadcasting in Spanish exclusively on Steelers.com

560	WFRB-MD	1320	WGET-PA		WSWW-WV	99.3	WZXR-PA
580	WCHS-WV	1390	WNIO-OH			102.1	WOWQ-PA
590	WMBS-PA	1400	WJET-PA	92.1	WOHF-OH	102.3	WMQX-PA
630	WJAW-WV	1410	WHAG-MD	92.3	WVSL-FM-PA	102.5	<u>WDVE-PA</u>
680	WISR-PA	1430	WVAM-PA		WXCR-WV	103.7	WCXR-PA
800	WCHA-PA	1450	WTBO-MD	92.7	WCCR-FM-PA	104.1	WPXZ-FM-PA
920	WMMN-WV		WQWK-PA	94.3	WUZZ-PA	104.3	WKNB-PA
930	WFMD-MD		WJPA-PA		WRLF-WV	104.9	WRKY-FM-PA
970	<u>WBGG-PA</u>	1460	WMBA-PA	95.1	WWGY-PA	106.3	WHUN-FM-PA
990	WLLI-PA	1480	WCNS-PA	97.3	WRVV-PA	107.1	WRXZ-SC
1160	WCCS-PA	1490	WESB-PA	98.9	WTOH-OH	107.5	WBVE-PA
1230	WBVP-PA		WNTJ-PA	99.1	WRKW-PA	107.7	WUUZ-PA

Saint Louis Rams 2015 Steve Savard, D'Marco Farr

<http://www.stlouisrams.com/videos/radio-shows.html> (8/17/2015)

930	WTAD-IL	1560	KTUI-MO	97.9	WXEF-IL	107.1	WEAI-IL
960	KZIM-MO k	1580	KTGR-MO	101.1	<u>WXOS-IL</u>	107.3	KLPW-FM-MO
1180	WLDS-IL			103.5	WXLT-IL		
1470	KMAL-MO	92.9	KLSC-MO	104.3	KDBB-MO		

San Diego Chargers 2015 (EE) Josh Lewin, Curtis Conway, Nick Hardwick

San Diego Chargers 2015 (SS) Jorge Villanueva

<http://www.chargers.com/schedule/radio-network> (8/17/2015)

DO NOT REPRODUCE.

San Francisco 49ers 2015 (EE) Ted Robinson, Tim Ryan

San Francisco 49ers 2015 (SS) Erwin Rolando Higueros, Jesus Zarate

<http://www.49ers.com/media-gallery/radio-network.html> (8/17/2015)

DO NOT REPRODUCE.

Seattle Seahawks 2015 Steve Raible, Warren Moon

<http://www.seahawks.com/gameday/broadcasting/radio> (8/17/2015)

560	KVOK-AK	1150	CKFR-BC	1450	KLAM-AK	96.9	K245BC-OR
	KPQ-WA	1170	KPUG-WA		KGRZ-MT		KYYO-WA
580	KTMT-OR	1230	KIFW-AK		KONP-WA	97.3	<u>KIRO-FM-WA</u>
610	KONA-WA		KCUP-OR	1470	KBSN-WA	98.5	KEYG-FM-WA
660	KAPS-WA	1240	KOFE-ID	1490	KFKB-WA	98.7	K245BA-AK
670	KBOI-ID		KTIX-OR	1580	KGAL-OR	99.1	K256AC-OR
690	KRCO-OR		KXLE-WA			99.3	KIT-FM-WA
700	KBYR-AK	1280	KIT-WA	92.1	KCRK-FM-WA	102.1	KTMB-AK
710	<u>KIRO-WA</u>	1340	KYLT-MT	92.3	KGON-OR		K271AH-WA
800	<u>KINY-AK</u>	1400	KEDO-WA	92.7	K224AA-MT	102.3	KCRX-FM-OR
840	KMAX-WA	1410	CFTE-BC		KNCW-WA	104.1	K281BM-WA
950	KCAP-MT	1420	KUJ-WA	93.5	KOZI-FM-WA	104.3	KMNT-WA
1030	KMAS-WA	1430	KCLK-ID	94.5	KHTQ-ID	104.7	KDUX-FM-WA
1070	CFAX-BC	1440	KODL-OR	95.3	KKBC-FM-OR	105.9	KRJT-OR
1080	KFXX-OR				KUJZ-OR		

Tampa Bay Buccaneers 2015 Gary Deckerhoff, Dave Moore, T. J. Rives

<http://www.buccaneers.com/team-and-stats/media-guide/media-guide-2015.html> (p. 462) (8/17/2015)

620	<u>WDAE-FL</u>	1070	WKII-FL	1590	WPSL-FL q		<u>W237CW-FL</u>
740	WYGM-FL	1230	WGGG-FL			99.3	WWCN-FL
770	WJBX-FL	1430	WLKF-FL	93.3	WVFT-FL q	103.5	<u>WFUS-FL</u>
900	WMOP-FL	1450	WWJB-FL	95.3	WXCV-FL		

Tennessee Titans 2015 Mike Keith, Frank Wycheck, Jonathan Hutton

<http://www.titansradio.com/stations-in-tennessee> (8/17/2015)

<http://www.titansradio.com/stations-in-alabama> (8/17/2015)

<http://www.titansradio.com/stations-in-kentucky> (8/17/2015)

<http://www.titansradio.com/stations-outside-the-mid-south/> (8/17/2015)

540	WKFN-TN	1280	WMCP-TN	95.7	WCCK-KY	102.3	WZDQ-TN
730	WUMP-AL	1320	WNGO-KY	95.9	WRJB-TN		WGOW-FM-TN
770	WVNN-AL		WMSR-TN	96.7	WNKX-FM-TN	104.5	<u>WGFX-TN</u>
790	WMC-TN	1340	WCDT-TN	97.1	WXCM-KY	105.3	WPTQ-KY
860	WSON-KY	1370	WDXE-TN	97.7	WWKY-KY	105.5	KWAK-FM-AR
950	WAKM-TN	1420	WVJS-KY	98.3	WDXE-FM-TN		WYTM-FM-TN
1060	WQMV-TN	1560	WPAD-KY	98.7	WOKI-TN	105.7	WQAK-TN
1150	WGOW-TN			98.9	WANT-TN	106.5	WKDZ-FM-KY
	WCRK-TN	92.9	WMFS-FM-TN	100.1	WASL-TN	106.7	WKSR-FM-TN
1220	WFWL-TN	93.7	WBXE-TN	100.7	W264CK-TN	107.3	WQLT-FM-AL
1240	WPBQ-MS	94.3	WJMM-FM-TN	101.3	WCMT-FM-TN		
		94.5	WJOX-FM-AL	101.5	WTHX-KY		

Washington Redskins 2015 Larry Michael, Sonny Jurgensen, Rick "Doc" Walker, Chris Cooley,

Brian Mitchell <http://www.redskins.com/media-gallery/radio-network.html> (8/23/2015)

550	WSVA-VA	1050	WBRG-VA				WXGM-FM-VA
580	WLVA-VA ch	1260	WCHV-VA c	92.7	WWXT-MD	99.3	WFQX-VA
690	WELD-WV	1270	WCBC-MD	93.7	WXJY-SC	100.5	WZEZ-VA
740	WRNR-WV	1400	WSMY-NC	93.9	WJXY-FM-SC	102.1	WXTG-FM-VA
750	WAUG-NC		WKAV-VA	94.1	W241CE-VA c	103.9	W280ED-NC
900	WKDW-VA	1450	WGNC-NC	94.3	WWXX-VA	104.5	W283AZ-VA
950	WXGI-VA		WMVA-VA c	95.9	WGRQ-VA	105.5	WRAR-FM-VA
960	WFIR-VA	1490	WWNB-NC	98.1	WOBX-FM-NC	106.9	WWEQ-MD
970	WKCI-VA	1570	WECU-NC	98.5	WGBG-DE	107.7	WKHI-MD
980	<u>WTEM-DC</u>	1660	KRZI-TX r	99.1	K256BW-TX r		

* Announcers from a previous season

a This station is on the published station list but does not exist in the FCC databases.

- b The Cowboys' list has "Hot Springs, AR KHGZ-KBEU 98.9". KHGZ is 670 Glenwood; KBEY is 92.7 Beardon.
- c In cast of conflicts
- d RESERVED, NOT USED
- e This season the Cowboys have partnered with Compass Media Networks to deliver Cowboys' fans living in markets not covered by the Cowboys Radio Network access to games on terrestrial radio.
- f The Buccaneers' list has "TBA" for stations in Ft. Lauderdale, Melbourne, Miami, and West Palm Beach.
- g Dallas Cowboys Compass Media and Oakland Raiders and San Diego Chargers
- h Dallas Cowboys Compass Media and Washington Redskins and Carolina Panthers
- i Denver Broncos and San Francisco 49ers
- j Dallas Cowboys Compass Media and Oakland Raiders
- k Kansas City Chiefs and Saint Louis Rams
- l New York Giants and New England Patriots
- m Oakland Raiders and San Francisco 49ers
- n RESERVED, NOT USED
- o Dallas Cowboys and Houston Texans
- p New Orleans Saints and Chicago Bears
- q Jacksonville Jaguars and Tampa Bay Buccaneers
- r Dallas Cowboys and Washington Redskins
- s RESERVED, NOT USED
- t Dallas Cowboys and Houston Texans
- u Atlanta Falcons and Jacksonville Jaguars

College Sports Networks

Editor: **Rick Dau**, 2302 South 14th Street, Omaha NE 68108 drummer1965us@hotmail.com

Here are the first of the college football networks for the 2015 season. 73 de RWD.

Arkansas State Red Wolves Matt Stolz, Bill Keedy, Tom Castilaw

http://www.astaredwolves.com/pdf9/3672706.pdf?DB_OEM_ID=7200

1260	KCCB-AR	100.7	KEAZ-AR	102.3	KTRQ-AR	105.5	KWAK-FM-AR
1320	KRLW-AR	101.7	KCTT-FM-AR		KQEW-AR	106.9	KXIO-AR
1400	KWYN-AR			102.5	KOTN-AR	107.9	<u>KFIN-AR</u>
				104.7	KOOU-AR		

Boise State Broncos Bob Behler, Pete Cavender

http://grfx.cstv.com/photos/schools/bosu/sports/m-footbal/auto_pdf/2015-16/misc_non_event/2015FBMediaGuide.pdf

670	<u>KBOI-ID</u>	1340	KACH-ID	92.7	KORC-OR	98.3	KDZY-ID
960	KSRA-ID	1450	KLBM-OR	94.9	KPKY-ID		KSNQ-ID
1240	KOFE-ID	1490	KBKR-OR	96.1	KID-FM-ID	102.1	KCHQ-ID
				96.9	KKGL-ID	104.5	KZKY-ID

Boston College Eagles Jon Meterparel, Pete Cronan, Scott Mutryn

<http://bcfootballguide15.imgcollege.com/#?page+206>

620	WVMT-VT	1250	WGAM-NH			105.5	WWEI-MA
680	WRKO-MA	1280	WPKZ-MA	93.7	<u>WEEI-FM-MA</u>	107.7	WTPL-NH
850	WEEI-MA	1440	WVEI-MA	95.9	WPEI-ME		
900	WGHM-NH	1490	WMRC-MA	103.7	WVEI-FM-RI		

California Golden Bears Joe Starkey, Mike Pawlawski, Todd McKim

https://admin.xosn.com/attachments1/423534.pdf?DB_OEM_ID30100

790	KFPT-CA	830	KLAA-CA	950	KAHI-CA	1700	XEPE-BCN
810	<u>KGO-CA</u>	940	KFIG-CA	970	KESP-CA		

East Carolina Pirates Jeff Charles, Kevin Monroe, Marty Feuerer

http://grfx.cstv.com/photos/schools/ecu/m-footbl/auto_pdf/2015-16/misc_non_event/section1-intro.pdf

560	WGAI-NC	1050	WHSC-SC	1450	WFBX-NC	98.1	WOBX-FM-NC
900	WIAM-NC	1230	WFAY-NC	1660	WBCN-NC	105.5	WFJA-NC
980	WAAV-NC	1250	WKDX-NC			107.9	<u>WNCT-FM-NC</u>

Florida State Seminoles Gene Deckerhoff, William Floyd

http://www.seminoles.com/fls/32900/pdf/FSUMediaGuide15.pdf?SPSID=917027&SPID157113&DB_LANG=C&DB_OEM_ID=32900

580	WDBO-FL	1240	WFWN-FL	1460	WZEP-FL	96.7	WXOF-FL
590	WDIZ-FL	1270	WNOG-FL	1590	WPSL-FL	100.9	WJAQ-FL
790	WSFN-GA	1330	WEBY-FL	1600	WZNZ-FL	101.3	WAGF-FM-AL
850	WFTL-FL	1370	WOCA-FL	1620	WNRP-FL	101.9	WBGE-GA
900	WSWN-FL	1400	WFDM-FL			102.3	W272CQ-FL
1040	WHBO-FL		WZHR-FL	94.3	W232CF-FL	103.1	<u>WVOF-FL</u>
1060	WIXC-FL	1430	WLKF-FL	94.5	WFLF-FM-FL	106.5	WOCY-FL
				96.5	WJTK-FL		

Illinois Fighting Illini Brian Barnhart, Martin O'Donnell, Carey Davis

http://sidearm.sites.s3.amazonaws.com/fightingillini.com/documents/2015/8/3/ILL_RecordBook_Full_noCovers_7_30.pdf

670	WSCR-IL	1420	WINI-IL				WHQQ-IL
930	WTAD-IL	1440	WROK-IL	92.5	WKXQ-IL	100.1	WJBD-FM-IL
1190	KQQZ-MO	1450	WKEI-IL	92.9	WRPW-IL	100.5	WSJD-IN
1230	WFXN-IL		WFMB-IL		WSEI-IL	101.7	WTYE-IL
	WHCO-IL	1480	WJBM-IL	94.1	WGFA-FM-IL	102.1	WDNL-IL
1340	WSOY-IL	1490	WDAN-IL	96.5	WZPN-IL	102.3	WRMJ-IL
1350	WJBD-IL	1550	WJIL-IL	96.7	WCVS-FM-IL	104.9	WPXN-IL
1390	WFIW-IL	1560	WBYS-IL	97.5	WHMS-FM-IL	106.1	WSMI-FM-IL
1400	<u>WDWS-IL</u>	1570	WBGZ-IL		WBBA-FM-IL		
	WGIL-IL	1580	WDQN-IL	98.9	WJEZ-IL		

Indiana Hoosiers Don Fischer, Buck Suhr

<http://sidearm.sites.s3.amazonaws.com/iuhoosiers/documents/2015/7/30/2015MediaGuide.pdf>

930	WHON-IN	1400	WEOA-IN	93.3	WQTY-IN	103.1	WHME-IN
1070	WFNI-IN		WBAT-IN	94.5	WRZR-IN	103.9	WRBI-IN
1140	WAWK-IN	1450	WXVW-IN	95.9	WEFM-IN	104.7	WITZ-FM-IN
1220	WSLM-IN	1540	WBNL-IN	96.7	WORX-FM-IN	104.9	WAXI-IN
1230	WTCJ-IN	1600	WLRS-KY	97.9	WSLM-FM-IN	105.1	<u>WHCC-IN</u>
1250	WGL-IN			100.1	WFLQ-IN	105.5	<u>WQRK-IN</u>
1270	WXGO-IN	92.1	WZDM-IN	102.7	WAOR-IN	106.7	WYFX-IN
1350	WIOU-IN	92.7	WXKU-FM-IN	102.9	WXCH-IN		

Kansas Jayhawks Bob Davis, David Lawrence, Josh Klingler

http://sidearm.sites.s3.amazonaws.com/kuathletics/documents/2015/7/17/2015_Kansas_Football_Media_Guide.pdf?id=3494

610	KCSP-MO	1440	KMAJ-KS	92.7	KWME-KS	98.7	KFH-FM-KS
990	KRSL-KS *	1490	KKAN-KS *	93.5	KLKC-FM-KS	99.3	KWIC-KS
1240	KFH-KS	1540	KLKC-KS	93.9	KZRD-KS	99.9	KWKR-KS
1270	KSCB-KS	1550	KKLE-KS	94.7	KSKU-KS	102.9	KBIK-KS
1320	<u>KLWN-KS</u>	1600	KMDO-KS	94.9	KNCK-FM-KS	103.9	KOMB-KS
1370	KIOL-KS			95.5	KNDY-FM-KS	105.5	KKOY-FM-KS
1400	KVOE-KS	92.1	KREP-KS	96.3	KZDY-KS	105.9	<u>KKSW-KS</u>
	KAYS-KS	92.5	KQMA-KS *	97.9	KWGB-KS	106.9	KBGL-KS
				98.5	KSAJ-FM-KS		

Kansas State Wildcats Wyatt Thompson, Stan Weber, Matt Walters

http://issuu.com/k-statesports/docs/2015_k-state_football_media_guide?e=1198840/14318043

690	KGGF-KS	1480	KQAM-KS	93.1	KHMY-KS	101.5	<u>KMKF-KS</u>
810	WHB-MO	1490	KKAN-KS *	93.5	KKDT-KS	101.7	KVOE-FM-KS
990	KRSL-KS *		KTOP-KS	94.5	KSKL-KS	102.5	KBLS-KS
1150	KSAL-KS	1530	KQNK-KS	95.3	KINZ-KS	102.9	KTOP-FM-KS
1340	KSEK-KS	1570	KNDY-KS	95.5	KAHE-KS	103.9	KNZA-KS
1350	<u>KMAN-KS</u>			98.3	K252EY-KS	105.5	KVSV-FM-KS
1390	KNCK-KS	92.1	KMZA-KS		KQZQ-KS	106.7	KQNK-FM-KS
1420	KJCK-KS	92.5	KQMA-KS *	100.3	KRDQ-KS	107.9	KZRS-KS
1470	KSMK-KS			100.9	KCLY-KS		KWLS-KS

* These stations carry both KU and K-State games.



Visit the NRC on Facebook:

<https://www.facebook.com/groups/509246815818550/>

June 2015 Rockwork 4 Ocean Cliff DXpedition

Chasing South Pacific DX with Nature's Finest Enhancement
By Gary DeBock, Chuck Hutton and Tom Rothlisberger July 2015

Introduction: Four years ago a wacky theory related to the development of FSL antennas was introduced to the medium wave DXing community – that an ocean side cliff's flat shape should be able to greatly enhance the reception of transoceanic DX signals. The theory was based upon the potent signal boosts observed on a car radio when it goes up a hill, away from a distant DX station. At first the theory sounded like little more than science fiction, especially because traditional DXpedition antennas had never been deployed at such narrow ocean cliff venues. But what if small antennas augmented by such ocean cliff propagation boosts proved



to be more than potent enough to compete with much larger antennas at sea level? Or even more fascinating, what if the use of a small broadband antenna at one of these ocean cliff sites enabled a hobbyist to break an all-time transoceanic DXing record established over many decades?

As most west coast DXers already know, during last year's July DXpedition Chuck Hutton's use of a small 15' x 15' flag antenna at the Rockwork 4 DXpedition site enabled him to far exceed the best New Zealand results ever achieved in North America, including decades of DXpeditions to the flat ocean beach site of Grayland, Washington. With 87 Kiwi stations received over a two day trip, Chuck's results astonished the entire TP-DXing community. The theory of enhanced ocean cliff propagation was for real! As such, there was great anticipation for another summer DXpedition to the Rockwork 4 ocean cliff site just north of Manzanita, Oregon – with its trademark 400' (122m) plunge, straight down to the Pacific

The DXpedition Team: Returning for this trip would be Chuck and myself, and we would be joined by another Perseus-SDR DXpeditioner, Tom Rothlisberger, with interest in both Longwave NDB and Medium Wave transoceanic broadcast reception. Both Chuck and Tom would set up small broadband antennas (an 18' x 18' corner-fed loop for Chuck, and a 3-sided center-fed loop for Tom, with about 12 feet per side, having one end anchored to a pine tree just beyond the cliff edge). Chuck and Tom would set up at the narrow Highway 101 turnoff site for Perseus-SDR spectrum capture, while I would be live DXing with Ultralight radios [boosted by two of the largest Ferrite Sleeve Loop (FSL) antennas on the planet, 17" and 15" models].

Preparation: This would be the first attempt to accommodate three serious DXers with separate antennas at the narrow ocean cliff site, and although we had no guarantee that the Highway 101 real estate would be open and available for our use, we did attempt to work out an advance plan of where we would set up.

Unfortunately we didn't figure on a collection of sleeping squatters over the weekend, which made matters quite interesting at times.

Ultralight Radios, SSB Spotting Receiver and FSL Antennas: During this DXpedition both a new 17" FSL and the new 7.5" loopstick C.Crane Skywave Ultralight model would face their first ocean cliff tests. A newly modified Sony ICF-2015 SSB spotting receiver was also prepared for the trip, along with backup portables to compensate for Murphy's Law adventures. The rare chance to take a solo trip to Oregon made it possible to cram additional FSL antennas (a 15", two 12" MW and one 12" LW), PVC stands and remote recording devices into the Toyota Corolla – which probably ended up with the greatest collection of ferrite this side of the Ukraine.

Unplanned Overnight Departure: After loading up my car on June 24th for an early morning departure from my home in (the South Pacific DXing wasteland of) Puyallup, Washington, I noticed that severe auroral effects were still in effect on MW after the latest solar tantrum. As such, I began to wonder how this auroral propagation could affect the South Pacific signals at the Rockwork 4 ocean cliff in Oregon. Since my car was packed by 11:30 PM and I knew that a quick trip to Rockwork 4 would take about 3.5 hours, I concocted a wild plan to leave for the cliff immediately, and arrive there around 3:00 AM (1200 UTC) for an extra sunrise DXing session. My wife didn't seem very amused by this fanatical idea, especially after she discovered that I had no motel room booked until 3:00 PM the next afternoon. But I assured her that this overnight trip to Oregon would be conducted safely – and that the special aurora propagation was a rare opportunity, and not to be missed (somewhat of an exaggeration, I'll admit).

DAY ONE: (Thursday, June 25) As my crammed Toyota Corolla rolled down I-5 during the bizarre early morning hours I kept a special watch for Washington and Oregon state highway patrolmen – very leery of having to explain what the multiple subversive-looking items in my car were. As I rolled up to the Rockwork 4 turnoff at 3:20 AM (1030 UTC) I gave the band a quick check

with my SSB spotting receiver, and discovered that South Pacific signals were still fairly subdued – or was this the negative effect of auroral propagation? At the first sign of daylight around 1140 UTC propagation on 531 kHz began to pick up, though, and I noticed the first strange effect of the aurora – the usual regular 531-PI (5 kW Samoan language station in Auckland, NZ) wasn't managing a trace, and an unknown Australian station (which turned out to be 4KZ) had the frequency all to itself. The rest of the band opened up around 1200, with the usual Kiwi regulars on 567, 594, 603, 675 and 765 all having average signals – but with Australia doing better than average at this “Kiwi Cliff.”



531-4KZ was riding the auroral trend, along with 576-2RN, and a mystery Australian station on 585 (either 2WEB or 7RN). The primary beneficiary of the aurora was another DX country, though – 738-Tahiti. At first listen around 1216 the station's R & B music sounded freakishly strong and garish, no matter how much I reduced the receiver volume. By 1228 the station's African music was pounding in at a front-end-crunching level, making the Ultralight radio sound like it was having audio problems. But when tuned away from Tahiti, everything sounded normal. Besides the freakishly strong signal from 738 the Kiwi big gun 567-RNZ also hit a huge level around 1236, but without the Tahiti-like distortion. Overall propagation on the first morning was interesting, but kind of a mixed bag because of the aurora. Nothing really rare or exotic had shown up, although this was the first appearance of 531-4KZ at this cliff – which almost always features 531-PI at an overwhelming level.

DAY TWO: As I rolled up to the Rockwork 4 turnoff at the bizarre hour of 0400 local time (1100 UTC) my July DXpedition partner Chuck Hutton was already setting up his 18' x 18' corner fed loop antenna for Perseus-SDR spectrum capture in the total darkness – at the southeast end location where I usually set up my FSL antennas. One of the weekend's UnID sleeping motorists had parked his car right in the prime antenna setup spot, forcing Chuck and I to set up our DXing stations wherever we could find space. The sleeping motorist was soon surrounded by three subversive-looking FSL antennas at fairly close range – probably motivating him to stay in his vehicle, and leave us alone. Last July Chuck had stumbled across two exceptional days of New Zealand propagation to set his all-time Kiwi reception record, but the propagation on this morning turned out to be somewhat of a mixed bag. The band was in a transition from auroral to normal summer propagation, and although the Kiwi big guns had their usual strong signals, very few exotic stations were showing up. Unlike the day before 738-Tahiti was back to normal strength under the San Francisco splatter, and all the Australian stations had dropped off. 531-PI was dominating its frequency without any Aussie competition. A search for the more obscure Kiwi stations on 558, 576, 585 and 936 came up empty, though, and even the new 702-Magic was playing hard to get. Best signals of the morning for me were on 567, 603, 684, 765 and 1008, but these were all fairly regular NZ catches at this ocean cliff site. Chuck's antenna had been designed to match an equivalent one on the flat ocean beach at Grayland, Washington, and at least on this pedestrian morning it probably was a fairly even contest. Propagation, luck and population at the ocean cliff site were all about to improve dramatically on the third day, however.

DAY THREE: Even at 0400 local time the Rockwork 4 turnoff site looked like the center of commotion as I drove up in my Toyota Corolla, with both Chuck and Tom Rothlisberger setting up sizable (for this narrow site) broadband loops in the total darkness, complete with flashlights and other gear. They were in the middle of the turnoff, while a couple of UnID sleeping motorists were parked at each end of Rockwork 4. As I surveyed this impossible situation and contemplated an FSL antenna setup at Rockwork 3 (about 500 feet down Highway 101 to the northwest), I decided to push my luck, and attempted to set up the FSL antennas at my usual spot at the extreme southeast corner of Rockwork 4 – hoping that the sleeping motorist would stay asleep, despite the fact that setting up three FSLs is not an easy or quiet operation. Unfortunately this activity seemed to be the last straw for the “gentleman” in the vehicle, who had apparently already viewed the two broadband antenna setups without much appreciation. After a few parting words he drove off in a huff – leaving me with enough FSL antenna space to enjoy what turned out to be a dream session.

This was Tom's first visit to the ocean cliff site, and with creativity he had taken advantage of a small pine tree about 20 feet beyond the rock wall to anchor one leg of his triangular broadband loop. Unlike the previous day Chuck was able to set up his 18' x 18' corner-fed loop at his preferred spot, and after my occupation of the SE corner only one “sleeping squatter” was left at Rockwork 4. The DXing session started off without much success as both Tom and I noticed that 1017-Tonga was still on with a moderate carrier at 1155, but neither of us could make a decent recording with the Spanish pest splatter. The Kiwi propagation seemed fairly routine early on around 1205, and after setting up his Perseus and making a short remark about “you pay your money and take your chances,” Chuck started a short nap in his vehicle before the long drive home to Seattle. Tom and I

kept checking the band repeatedly, and at 1219 the new Kiwi station 702-Magic made its first decent appearance at the cliff with its oldies format. Shortly after this some real Kiwi Magic started to hit the cliff site, as the rare, low-powered New Zealand stations on 558, 576, 585 and 936 suddenly came into play around 1230. I was fascinated by the signal from 936-Chinese Voice (1 kW) from Auckland, much stronger than I had ever heard it during any DXpedition. 558-Radio Sport was another extremely rare Kiwi station that managed decent signals at 1235, and the new 576-Star (2.5 kW, ex-The Word) was finally strong enough to parallel with 657-Star at 1240. New Zealand propagation had hit the floodgates! This was the same kind of Kiwi Magic that had given Chuck his best-ever New Zealand results last July, and Tom was experiencing it on his first day at the cliff. Finally around 1250 we woke up Chuck, and informed him that he was once again in the middle of a Kiwi propagation bonanza. Just before dismantling his antenna and making the trip back to Seattle, he and I wondered whether the Grayland group (Nick and Bruce) had received the same kind of Kiwi fireworks that we had enjoyed during this session.

DAY FOUR: Upon arrival at Rockwork 4 in total darkness at 1130 I was dismayed to find one of the largest RVs on the planet parked right in the middle of the turnoff, oblivious to the antenna setup hassle that this created for Tom and myself. After a brief discussion we decided to set up on opposite ends of the turnoff, although we would not be able to communicate with each other around the large RV. To make matters more interesting there was a fairly stiff wind at the ocean cliff



site, making it necessary to secure the FSL antennas to large rocks using plastic tie wraps. South Pacific propagation more than compensated for the hassle, though, as Tom and I enjoyed another exceptional session dominated by Aussie-Kiwi snarls on several MW frequencies, and dream propagation to chase Longwave NDBs from the South Pacific. Although Tom had set up his Perseus-SDR to record Longwave frequencies I had figured that the chance of tracking down South Pacific NDBs was practically nil, and

left my 12" Longwave FSL in the car. It wasn't until long after the session that I found out that Tom had made out like a bandit, receiving multiple low-power NDBs from New Zealand, Australia, Tahiti and other areas at strong volume. He had done this by recording during the period from 1210-1235 (bright daylight at the cliff), when I had figured that Longwave propagation should have collapsed. In any case the MW propagation was also exceptional, with wild Aussie-Kiwi snarls on 567, 774, 792 and 828 the order of the session. The overachieving Maori station 765-Radio Kahungunu (2.5 kW) managed its usual S9 signal at 1205, and 963-Star made its first appearance at 1225. Although Tom and I were separated by the huge RV we both independently noticed a decent carrier on 558 around 1233, which seemed to feature the typical Polynesian choral music of Radio Fiji One. This was quite a surprise, since neither the WRTH nor Bruce's Pacific-Asian Log (updated just before the DXpedition) showed this station to be active on the frequency.

After completing another "fantastic" session Tom did come around the large RV to share his DXing impressions with me, obviously very happy with both the ocean cliff propagation and his South Pacific results. He very much wanted to spend another morning session at Rockwork 4, but unfortunately wasn't able to find a motel room on the ocean coast during the busy summer weekend. His two-day DXpedition results were probably about the best that anyone could have hoped for during their first trip to Rockwork 4, however – similar to the Kiwi propagation bonanza that Chuck had enjoyed last July.

DAY FIVE: As I drove up to Rockwork 4 at 1130 on this Monday morning I was amazed to find the turnoff completely free of sleeping motorists – who apparently cleared out after the weekend. There was a slight drizzle on the ocean cliff as I set up my FSL antennas in the total darkness, but the South Pacific propagation more than compensated for this slight inconvenience.

On this final day all the Australian MW signals seemed to fall into a black propagation hole, and none of them managed a trace from 531-1701 kHz. New Zealand signals seemed as potent as ever, though, and this was the cue to go after the really weak Kiwi signals on the Australian "big gun" frequencies. After a decent signal from 702-Magic at 1214 confirmed that New Zealand propagation was again on a roll, the really weak 576-Star (2.5 kW, ex-The Word) and 585-Radio Ngati Porou (2 kW) became prime targets. These had both shown up during the enhanced propagation on the third day, but they were slightly stronger during this session. From 1224-1240 a close watch was kept on both 576 and 585, and both weak Kiwi stations did finally cooperate to provide MP3 recordings parallel with their network mates on 657 and 603, respectfully. For some unknown reason 936-Chinese Voice (1 kW) never did reach the same vibrant level that it had managed on the third morning, and unlike the third morning the ultra-rare 558-Radio Sport never did make an appearance. Despite this the MP3 recordings on 576 and 585 added to the success of the Ultralight radio part of this DXpedition in tracking down all of the exotic Kiwi targets on the low band, with

the appearance of 558-Radio Fiji as a bonus. After consideration of the best-ever signals received from 558-Radio Sport and 936-Chinese Voice during the third session, the overall success of recording exotic Kiwi signals during this 5-day trip slightly exceeded even the excellent results obtained during the 7-day July DXpedition with Chuck last year. The 17" FSL antenna had finally shown that it was right at home on the plunging ocean cliff, although the focus on tracking down exotic Kiwi targets had left many upper band frequencies uninvestigated during the live DXing sessions. My Perseus-SDR DXpedition partners Chuck and Tom will certainly have no such limitation, and I look forward to their overall results after their file review process is complete.

Summary: As mentioned previously, a concurrent DXpedition was being conducted in Grayland at the time by Nick and Bruce, complete with an 18' x 18' corner-fed loop identical to the one that Chuck was using at the Rockwork 4 site. This was the first serious A/B reception test between the two west coast DXpedition locations, which I'm sure will yield fascinating results for all concerned. The 5-day trip to Rockwork 4 was a thrilling experience for me, and I feel honored to have shared the ocean cliff site with my DXpedition partners Chuck and Tom. We plan to meet up again at Rockwork 4 in early August, eager to once again enjoy the unique thrill of cliff-enhanced South Pacific propagation!

The loggings below represent the Ultralight radio live-DXing results of the 5-day trip. Once again the plunging cliff site provided some exceptional New Zealand propagation, with obscure Kiwi stations showing up all over the band. South Pacific signals which pegged the CC Skywave's pedestrian bar graph are marked with **bold underline** in the frequency. Sincere thanks is given to David Ricquish, Merv Joyce, Dene Lynneberg, Theo Donnelly, Derek Vincent and all others who assisted in the identification and processing of these recordings.

- 531 **AUSTRALIA**, 4KZ, Innisfail, 5 kW. All alone and fairly strong at 1159 on 6-27 with weather report for various Queensland cities. This station often was all alone on 531 – unknown why the usually dominant 531-PI was frequently missing in action.
<https://app.box.com/s/fz9n021qv0cjmkdtkvhit6b1p8yyemq>
- 531** **NEW ZEALAND**, PI, Auckland, 5 kW. Down somewhat from its peak summer strength, this Samoan language station was still quite capable of potent signal runs. It was dominant on three of the five days, but otherwise had trouble with 4KZ.
<https://app.box.com/s/jwzzk6hhs3s75m74vjdido98s2n1exmq>
- 531 **UnID**, Australia. Mystery station with unclear ID in between pop music songs at 1217 on 6-25; possibly 2PM? <https://app.box.com/s/sku5mwfmpwi6zfza2am0t0v80bh5ste0>
- 558 **FIJI**, Radio Fiji. Presumed the one with weak choral music by male singers just above the noise level at 1238 on 6-28; both WRTH and PAL say Radio Fiji One is inactive, but both Tom and I have independent recordings of its typical choral music – received within 5 minutes of each other. Pretty conclusive evidence that something is on the frequency!
<https://app.box.com/s/2duychbkpv1wgso4lmg270d3jtrxs730>
- 558 **NEW ZEALAND**, Radio Sport, Invercargill, 5 kW. Rare Kiwi catch which (to my knowledge) has only been heard once before on the west coast (at Cape Perpetua). Modest level sport talk mentioning Herschel Walker at 1234 on 6-27.
<https://app.box.com/s/bugr0a21ib8wca8x172hxwxbaqe2nqiv>
- 567 **AUSTRALIA**, 4JK, Julia Creek, 10 kW. Obviously the DU English station losing out to RNZ in this wild mix recorded at 1242 on 6-28; MIA for the other four mornings of the DXpedition. <https://app.box.com/s/wqfvhvfoie65t2kp1tb9ro09y12xbttr>
- 567** **NEW ZEALAND**, RNZ, Wellington, 50 kW. Far and away the strongest Kiwi signal during the DXpedition, and a convenient parallel signal to check the multiple relays. This huge signal started the trend on the first day (6-25) at 1236.
<https://app.box.com/s/tndc6maw6m1q2ux2oupurj2wthrr94ad>
- 576 **AUSTRALIA**, 2RN, Sydney, 50 kW. Aussie big gun with modest signal on the first day of the trip with male interview at 1253 on 6-25; MIA during the other four days.
<https://app.box.com/s/i0p6cfz50wc8btkk7hvb4w70syjhjkvp>
- 576 **NEW ZEALAND**, Star, Hamilton, 2.5 kW. Ex-The Word, this new low-power Christian hymn broadcaster made a few weak appearances //657 during exceptional NZ propagation. The best signal was at 1235 on 6-29; parallel to the 657-Star signal at the time (which is posted at <https://app.box.com/s/2f2inzsnuayn14umrp7t0m8iv12w92cj>). Rhema Media's new station isn't exactly vibrant – maybe a "dwarf Star?"
<https://app.box.com/s/yp1nf8iut2b1fztlgibda0yx0cmi1wf1>
- 585 **NEW ZEALAND**, Radio Ngati Porou, Ruatoria, 2 kW. Another rare Kiwi catch with legendary weakness, it can only be confirmed by matching its ghostly Maori-language programming with that of 603 or 765. This was barely possible at 1226 on 6-29 (first ten seconds on 585, last 14 seconds on 603).
<https://app.box.com/s/se6jepkcvqmsgper5qje658w58vkiyzv>

- 585 **UnID-Australian.** Weak signal not //603 at 1246 on 6-25, so not the underperforming Kiwi. Either 2WEB or 7RN, but unable to find an Aussie RN network // at the time to sort them out. Probably only David Sharp (2WEB's programming director) knows for sure.
<https://app.box.com/s/7gdlh48wuao2l4oty5teqr57ywowo55n>
- 594 **AUSTRALIA**, 3WV, Horsham, 50 kW. Aussie big gun didn't sound very big during this 5 day trip, managing only an occasional anemic signal under NZ's Rhema network on 6-25. MIA on the other four days.
- 594 **NEW ZEALAND**, Rhema, Timaru/Wanganui, 5 kW/2 kW. Sermon at modest level at 1224 on 6-25, this Rhema frequency was generally weaker than its 684 parallel, although stronger than the Australian big gun 3WV on the frequency.
<https://app.box.com/s/wxrs4z3lljz47bxn7ur58q56l8pdcdp6>
- 603** **NEW ZEALAND**, Radio Waatea, Auckland, 5 kW. Strong Maori language music and speech on most mornings, //765-Radio Kahungunu. Although of higher power than its 765 parallel, signals were generally about the same.
<https://app.box.com/s/ga6x6urw6h6vcesck2zqdy950vafr5ck>
- 657** **NEW ZEALAND**, Star, Wellington/Tauranga, 50 kW/10 kW. Christian hymn broadcasting network generally had good signals but was often troubled by domestic splatter. Parallel to the 576 and 963 relays received during the DXpedition.
<https://app.box.com/s/6tt2fljdpum1me4q93sulr6yn083c03l>
- 675 **NEW ZEALAND**, RNZ, Christchurch, 10 kW. Usually not as strong as its 567 parallel, but typically quite vibrant during sunrise propagation. This female interview was recorded at 1256 on 6-25. <https://app.box.com/s/opbfwtneodoxsfi2vs6kl31swxbgk40a>
- 684 **NEW ZEALAND**, Rhema, Gisborne, 5 kW. The strongest station in the Christian contemporary music network (//594), its music typically picked up strength just before 1300 each morning. <https://app.box.com/s/tnxl79si61helgpxgsf6egwz8rg1gi7y>
- 702** **NEW ZEALAND**, Magic, Auckland, 10kW. New oldies music station (ex-Radio Live), its signals were occasionally quite vibrant, but often MIA. This was better than the Aussie big gun 2BL, though, which failed to show at all. This MP3 features a somewhat muffled "Magic" ID between the two oldie songs.
<https://app.box.com/s/ox7uxl55so19140cohmV8ti68vsxcp0m>
- 738** **TAHITI**, Radio Polynesie, Mahina, 20 kW. This blistering-level African music signal was the strongest MP3 made during the DXpedition – seriously testing the "crunch resistance" level of my Ultralight radio during freakish auroral propagation at 1228 on 6-25. Extreme strength made the signal sound distorted, even at low receiver volume. Tahiti was less powerful on the other four days, however.
<https://app.box.com/s/sfu8epugr2w0x2ut215nfmd90vxnw6ra>
- 756 **NEW ZEALAND**, RNZ, Auckland, 10 kW. On a very noisy frequency because of the 50 kW Portland IBOC monstrosity only 6 kHz (and 75 miles) away, the solid rock cliff still attenuated enough Portland splatter for this weak signal to squeak through at 1247 on 6-26, //567. <https://app.box.com/s/1u4aoxdnbeqkszd7rrrc3j3waed3x0f1>
- 765** **NEW ZEALAND**, Radio Kahungunu, Napier-Hastings, 2.5 kW. The potent signals from this low-power Maori broadcaster were nothing short of amazing. Acting very much like a Kiwi big gun, it dominated the frequency completely with its Maori and American R & B music //603. <https://app.box.com/s/fqio3aim333olwznp66hmp0fger0wj6u>
- 774** **AUSTRALIA**, 3LO, Melbourne, 50 kW. The LR network big gun managed this potent pop music signal very briefly //828 at 1215 on 6-28. This was the strongest Australian signal of the entire DXpedition, and the only time the Oz big gun had the frequency to itself.
<https://app.box.com/s/hqfe4uonf1orypgap8og99nr8fnjaxvc>
- 774** **AUSTRALIA/NEW ZEALAND**, 3LO/Radio Sport, Melbourne. Wild, S9+ mix of these two fighting it out at 1215 on 6-28. Usually the cliff favors Kiwi signals, but it can turn fickle at a moments notice. The Aussie big gun was MIA on the other four days of the trip.
<https://app.box.com/s/va4ryxkxjg2uwx9fenzxxjolyf5ttvzb>
- 774 **NEW ZEALAND**, Radio Sport, New Plymouth, 5 kW. Around on most mornings at a fair level, this network stands out from other NZ broadcasters by its frequent use of recorded American English. It had the frequency to itself except for a wild fight and mix with Aussie 3LO on 6-28. <https://app.box.com/s/owejzzzeqomtvdlmddtc9e0l4te1ss0t>
- 783** **NEW ZEALAND**, Access Radio, Wellington, 10 kW. Broadcaster of diverse ethnic programming, this apparent Hindi speech and music was received at a potent level on 6-28 at 1217. <https://app.box.com/s/6d04xu2w8w9yghiny6uqurb4l9f1yowj>
- 792 **AUSTRALIA**, 4RN, Brisbane, 25 kW. Aussie big gun was a poor second to Radio Sport, only showing up at a weak level with vocal music in this fair mix at 1256 on 6-28. MIA on the other four days. <https://app.box.com/s/urcl4b9gz5iify9ru2nxb9fckge0dv1b>

- 792 **NEW ZEALAND**, Radio Sport, Hamilton, 5 kW. Mentions of the Portland Timbers and the CFL in American English at 1251 on 6-29; usually around each morning at a fair level, and troubled by the Aussie big gun 4RN only on 6-28.
<https://app.box.com/s/wkaajkfd696bc2wz3obltxgavyya3wik>
- 828 **AUSTRALIA**, 3GI, Sale, 10 kW. Dominant in this recording with a typical ABC-LR network interview (//774), this Aussie generally ruled the roost over the weaker 2 kW Kiwi.
<https://app.box.com/s/x9nwjvb3vvs6m0waj48omrcsekyvi4ws>
- 828 **NEW ZEALAND**, TAB Trackside Radio, 2 kW. Losing the horse race to the Aussie 3GI on most days, this is presumed to be the station with the music at the beginning of this MP3, and speech mixing with the dominant 3GI in the middle portion.
<https://app.box.com/s/x9nwjvb3vvs6m0waj48omrcsekyvi4ws>
- 891 **AUSTRALIA**, 5AN, Adelaide, 50 kW. Notable for its unusual weakness all five days, this South Australia big gun was anemic at best. But that was better than the new-format 5 kW Kiwi in Wellington – which completely ran out of Magic.
- 936 **NEW ZEALAND**, Chinese Voice, Auckland, 1 kW. A high-priority target during exceptional Kiwi propagation, this very low powered ethnic station responded with its best signal ever at 1244 on 6-27. A North American Ultralight radio DX distance record (6,855 mi) for this power level. <https://app.box.com/s/qkp31ocifpxvwgtam2e8wqgju89uljw>
- 963 **NEW ZEALAND**, Star, Christchurch, 10 kW. Not one of the stronger Star (Christian hymn network) outlets, but usually hanging around at a fair level //657 just after 1230 each morning. <https://app.box.com/s/2qdrcwnsbkssrxggq7hyyexsrx6tlgc>
- 1008 **NEW ZEALAND**, Newstalk ZB, Tauranga, 10 kW. Pretty good signals with call-in talk program at 1232 on 6-26; this station was occasionally better than its 1035 kHz parallel.
<https://app.box.com/s/825q31ennavi4q4wey73jibf3149swza>
- 1017 **UnID-DU**. Both Tom and I made determined efforts to go after Tonga, but with tough Spanish-language splatter and a variable sign-off time we only came away with a decent carrier around 1200 on 6-27. Unfortunately that carrier dropped out suddenly for both of us before we could dig any audio out of the 1020-Spanish splatter. For me, the brutal Spanish splatter also covered up any other weak DU audio on 1017.
- 1035** **NEW ZEALAND**, Newstalk ZB, Wellington, 20 kW. This DXpedition featured the strongest signals ever from this Kiwi news station //1008, which recently started featuring music as well as news. This signal at 1256 on 6-29 was typical of its more vibrant moments.
<https://app.box.com/s/skbre5ph32329k0o82495dnard5ld3ik>
- 1503 **NEW ZEALAND**, Radio Sport, Wellington/Christchurch, 5 kW/2.5 kW. This was one of several Radio Sport relays with fair signals, easily distinguished by their frequent broadcasts of American English. This signal was received at 1252 on 6-28.
<https://app.box.com/s/ewmko9im8efkp0gmvnowyn9knbs4cbuc>

73 and Good DX, **Gary DeBock** (DXing at the Rockwork 4 Ocean Cliff near Manzanita, Oregon from June 25-29, 2015), 7.5" loopstick C.Crane Skywave Ultralight radio + 17" and 15" DXpedition FSL antennas, <https://app.box.com/s/wi78hlmofflefzd2bd897gy0vvqvvxdu>.

ADDITIONAL RESOURCES

June 2015 Rockwork 4 DXpedition Video (Ultralight Radios & FSL antennas)

<https://www.youtube.com/watch?v=xMajwIVPjuo>

DXpedition FSL antennas <https://app.box.com/s/wi78hlmofflefzd2bd897gy0vvqvvxdu>



DX News is printed by

Peak Printing, Inc.

716 S. 9th Street, Cañon City CO 81212

(719) 275-2136 info@peakprintingonline.com

All your printing needs – including SWL and Amateur QSL Cards

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 Beontree Bay – Winnipeg MB R2N 2X9 Canada; Wayne Heinen <amradiolog@nrcdxas.org>; NRC AM Radio Log Editor – 4131 S. Andes Way – Aurora, CO 80013-3831; Dave Schmidt <NRCMusings@aol.com> – 49 N. Sumner St., York PA 17404; Paul Swearingen <plsbebdxer@aol.com>; Chairman; Dick Truax <K9RT@aol.com>; NRC Treasurer – P. O. Box 39451 – Louisville, KY 40233-9451.

NRC on the World Wide Web: The NRC web site is www.nrcdxas.org; e-DXN is at www.e-dxn.com (Kraig Krist, webmaster).

National Radio Club members may choose to receive our print publication (DX News), e-DXN (including online access to the .pdf version of DX News), or any combination of these.

• **DX News – David Yocis, Publisher/Editor**<NRCDXNews@gmail.com> – 1245 Thirteenth St. NW, #105 – Washington DC 20005; 202-415-3011 [leave voice mail]. (Send only material for publication in DX News.)

• **Subscriptions and Renewals to DX News:** Yearly subscription (20 issues, biweekly in DX season): To a U.S. Address: US\$45.00; to a Canadian Address: US\$55.00; to all other countries: US\$70.00.

• **Subscriptions and Renewals to e-DXN:** Annual registration: \$5.00 for subscribers to DXN; \$15.00 for an e-DXN-only membership. Access the e-DXN web site <www.e-dxn.com> and follow the links.

**Send all payments to NRC Headquarters at:
National Radio Club**

PO Box 473251

Aurora, CO 80047-3251

<sales@nrcdxas.org>

National Radio Club

P.O. Box 473251

Aurora, CO 80047 – 3251

Please send all of the following to NRC Headquarters in Aurora:
• **New subscriptions and renewals** for DX News, the DX Audio Service, and e-DXN.com.

• **Subscription or delivery problems** for DX News or DXAS.

• **Changes of address** for DX News.

• **All NRC Publications orders.**

For multiple items, there's no need to send 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 money order or PayPal only; NO checks.)

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

DX News is printed by Peak Printing – 716 South 9th Street – Cañon City CO 81212 – (719) 275-2136 – <info@peakprintingonline.com>

**First-Class Mail
U.S. Postage
PAID
Cañon City, CO
Permit # 22**