

DX News

Serving DXers since 1933



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Inside this issue . . .

2 ... AM Switch	13 ... Graveyard DXA Update	18 ... DX Toolbox
6 ... Domestic DX Digest East	13 ... Confirmed DXer	19 ... The August 21 Eclipse
10 ... From the Archives	14 ... International DX Digest	19 ... Space Weather Forecast
11 ... Domestic DX Digest West	17 ... Geomagnetic Indices	

Joint Convention 2017: The joint IRCA-NRC-DecaloMania convention is August 17-20 in Reno, Nevada. The location will be the Best Western Airport Plaza Hotel, 1981 Terminal Way, Reno NV 89502. For reservations, call (775) 348-6371 and request the International Radio Club of America room rate of \$100/night (plus tax).

Registration fee (not including the banquet) is \$25 payable to Mike Sanburn, P.O. Box 1256, Bellflower, CA 90707-1256, or by PayPal (add \$1 fee) to mikesanburn@hotmail.com. Include contact info and club affiliations.

This year's convention in Reno will be an excellent chance to re-connect with old friends and to share DX stories. Speaking of sharing, we issue our annual *call to action* for those who wish to present a talk or paper during the convention. As you know, this can be as *formal* or *informal* as you want. To make it easier, we can provide you with audio-visual support, including slide-preparation and display. If you're interested in sharing your experiences ... or if you want to present questions for discussion that might lead to a better understanding of a particular aspect of your own DXing, please contact Mark Durenberger at Mark4@durenberger.com.

It is the tradition of both IRCA and NRC to have a Saturday Night auction at their annual conventions. This August is no exception. If you are planning on attending Reno, if you are able to find any interesting and preferably radio/DX related items that can be donated it is always greatly appreciated. Best if you can bring them directly to the convention hotel, but Mike can accept smaller and mid-sized items mailed via USPS to his PO Box (as above). Auction proceeds will be divided between the clubs and hopefully all attendees can leave with a little item or two for their shack.

AM Radio Log 38th Edition Preorders: The National Radio Club is proud to announce the publication of the 38th edition of the *AM Radio Log*. The *AM Radio Log* is a source for information on AM Radio Stations in the United States and

Canada. The 38th edition of the Log contains more than 300 pages of data and cross references and 12 pages of instructions in 8-1/2" x 11" size, 3-hole punched, U.S. loose leaf format. This publication fits nicely into a 1" three-ring binder. 9,000+ updates since last year's 37th Edition of the log! Cross references include by State/Provinces in frequency order. This list is ideal for targeting needed areas. Additional reference lists include call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups section (separate section of the log book) and a cross reference of those stations that are licensed to use IBOC (In Band On Channel) digital audio and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

Order by snail mail by check or money order in U.S. funds to National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251 or order using your Pay Pal account at <http://www.nrcdxas.org>.

For U.S. delivery (Priority Mail) \$26.95 to members, \$32.95 to non-members.

For delivery to Canada (Global Priority Mail) US\$39.25 (members/non-members).

For delivery elsewhere (Global Priority Mail) US\$49.75 (members/non-members).

From the Publisher: Holding some things for a nice big August issue. Some additional Page 1 items on page 10 – and don't forget the Eclipse!

Volume 84 DX News Schedule

No	D'dline	Print	No	D'dline	Print
19	Aug. 18	Aug. 28	20	Sept. 8	Sept. 18

Membership Report

New Members: Welcome to Fernando Cano, Kissimmee, FL; Lester Dubin, Dresher, PA; Thomas Dudek, Grand Rapids, MI; and Terry Koch, Glenpool, OK.

Renewing Members: Thanks for the ongoing support of Kenneth L. Diehl; Richard C. Evans; Barry S. Finkel; William R. Hale; Guy Kudlemyer; Christopher Melugin; Walter Nissen; John Rieger; Robert Rush; James T. Weber; and J. Weinbrum.

AM Switch

David Yocis, 9412 Ferry Landing Ct., Alexandria VA 22309, NRCDXNews@gmail.com
 Canadian info – Compiled by Shawn Axelrod and Dan Sys
 NRC AM Log updates from Wayne Heinen, amradiolog@nrcdxas.org

No NRC AM Log updates this issue, as Wayne and team are working their way through the full update of the Log for the 38th Edition.

Correction: Last issue I gave CFQR as the call letters for the new 600 kHz station in Vancouver BC – in fact those are the calls for the new station in Montréal QC, which has been testing. No calls yet for the new Vancouver station.

Official updates from the FCC and the CRTC

CALL CHANGES

1200 WMIR SC **Atlantic Beach** – Call change to WJXY (June 23).
 1230 KBCQ NM **Roswell** – Call change to KSFY (July 20).
 KBNH OR **Burns** – Call change to KYQT (July 4; station is silent).
 1320 KAWC AZ **Yuma** – Call change to KOFA (July 13).
 1340 KVRH CO **Salida** – Call change to KGKG (June 29).
 1490 KQDS MN **Duluth** – Call change to KJOQ (June 30).



NEW STATION WATCH

600 CFQR QC **Montréal** – New station is on the air.
 1190 APPs ON **Brampton** – Two applications for new stations denied.
 1630 APP ON **Ottawa** – Application for new station denied.

STATIONS GOING DARK (OR NOT)

Licenses cancelled:

630 WJDB AL **Thomasville** – License cancelled June 29; silent more than one year.
 1150 KCKY AZ **Coolidge** – License cancelled June 29; unpaid debts to FCC; station has applied for STA to resume broadcasting and will appeal license cancellation.
 1260 WCSA MS **Ripley** – License cancelled July 18; apparently due to unpaid FCC debts.
 1380 WPLA NH **Portsmouth** – License cancelled June 29; silent more than one year.
 1450 WPAM PA **Pottsville** – License cancelled June 29; silent more than one year.
 1500 WASN OH **Youngstown** – License cancelled June 29; silent more than one year.
 1520 WLGC KY **Greenup** – License cancelled Feb. 1; no explanation on FCC site.
 1520 WGTM NC **Spindale** – License cancelled June 29; silent more than one year.

Licenses reinstated:

1070 WKMB NJ **Stirling** – License reinstated June 30; had been deleted June 14 due to debts.
 1460 KHRA HI **Honolulu** – License reinstated June 30; had been deleted June 1 at licensee's request, but licensee found a buyer. Station remains silent.

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CP fully licensed and on the air:

990 WGSO LA **New Orleans** – CP for U1 600/310, new site 29-57-25/90-09-33, is on the air.

CPs built, awaiting final licensing:

690 WQNO LA **New Orleans** – Applies for license to cover CP to U2 9100/2100.
 790 KABC CA **Los Angeles** – Applies for license to cover CP to U2 6600/7900, new site.
 870 KPRM MN **Park Rapids** – Applies for license to cover for CP to U2 50000/2500 and granted program test authority.
 920 WDMC FL **Melbourne** – Applies for program test authority, CP U4 8000/4000, new site.
 1330 WNIX MS **Greenville** – Application for license to cover CP for U1 3800/55 dismissed.
 1380 KKKO OR **Ontario** – Applies for license to cover CP to U1 5000/25.
 1400 WFLA FL **Fort Lauderdale** – Granted program test authority for CP at new site.
 1470 KYYW TX **Abilene** – Applies for license to cover CP for U1 5000/110.
 1560 WBYM PR **Bayamon** – Applies for license to cover CP for U1 4000/740, new site.

CPs granted:

- 610 CKYL AB **Peace River** – Granted CP to move to 94.9 MHz FM.
 710 CBF-19 QC **Parent-La Tuque** – Granted CP to move to 99.9 MHz FM.
 980 WWKY KY **London** – Granted CP for U1 300/17 on 990 kHz, CoL to Winchester KY, moving to 38-00-46/84-09-40.
 990 CBDW NT **Norman Wells** – LPRT granted CP to move to 99.9 MHz FM.
 1070 CBUU BC **Clinton** – LPRT granted CP to move to 98.9 MHz FM.
 1210 VOAR NL **St. John's** – Granted CP to move to 96.7 MHz FM.
 1350 KRLC ID **Lewiston** – Granted CP for U1 5000/158, existing site with coordinates corrected to 46-23-35/116-59-28.
 1440 KEYS TX **Corpus Christi** – Granted CP to U1 1000/69.
 1490 KCFC CO **Boulder** – Granted CP to U1 290/290 from STA site at 39-57-53/105-14-07.
 1530 WMCE PA **North East** – Granted CP for D1 4800 (ch 250), CoL to Union City PA, moving to 41-56-27/79-50-42.

Modification to pending CP granted:

- 1120 KLIM CO **Limon** – Has CP for D1 50000 (ch 3000); granted modification to D3 50000 from a different site (39-16-28/104-09-52).



Applications for CP filed:

- 690 CBU BC **Vancouver** – Applies for U3 25000/25000.
 760 KFMB CA **San Diego** – Applies for U2 5000/10000.
 880 WAMI AL **Opp** – Applies for D1 8000 (ch 1000), CoL to Maplesville AL, moving to 32-47-48/86-41-25.
 1020 KVNT AK **Eagler River** – Applies for U1 10000/10000.
 1300 WTIL PR **Mayaguez** – Applies for U4 5000/800 from old WI2XSO-1260 site at 18-09-17/67-09-08; has lost part of licensed site.
 1350 KLHC CA **Bakersfield** – Applies for U1 1000/12, new tower at 35-20-59/118-58-49.
 1400 WWTM AL **Decatur** – Applies for U1 250/250, moving to 34-40-09/86-49-11, CoL to Mooresville AL.

CP application dismissed:

- 1400 WLLH MA **Lowell** – Application to drop main operation in Lowell and move to current licensed synchronized transmitter in Lawrence voluntarily dismissed.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 560 WHBQ TN **Memphis** – Granted STA, U3 1000/1000 with night pattern 24 hours.
 620 WDNC NC **Durham** – Granted STA to use CP facilities (U1 1500/41, new site).
 660 WORL FL **Altamonte Springs** – Granted STA for U1 875/250, lightning damage.
 690 KHNR HI **Honolulu** – Granted STA for reduced power (using U1 8000-9000).
 1040 KLHT HI **Honolulu** – Granted STA, same site as KHKA-1500 (as below).
 1110 KBND OR **Bend** – Granted STA, U1 10000/1000, unauthorized dirt bike track has damaged ground system.
 1130 KPHI HI **Honolulu** – Granted STA, U1 550/550, transmitter problems.
 1150 KGDD OR **Portland** – Granted STA, U1 10/10, whip antenna at 45-31-09/122-36-32; has lost licensed site.
 1290 KWFS TX **Wichita Falls** – Granted STA, reduced power (using about 60% now), transmitter problems.
 1300 WTIL PR **Mayaguez** – Granted STA, U1 1000/1000 from CP application site, above.
 1330 WITM VA **Marion** – Granted STA for D1 1000 from WUKZ-1010 tower; lost site.
 1440 WCDL PA **Carbondale** – Granted STA, parameters at variance, antenna is shorter.
 1460 WATD MA **Brockton** – Granted STA, D1 1000, temporary antenna at 42-02-50/71-03-41.
 1470 WTZE VA **Tazewell** – Granted STA, reduced power, using D1 555 to D1 573 now.
 1500 KHKA HI **Honolulu** – Granted STA, U1 5000/5000, has lost licensed site due to light rail project but will use temporary tower just 75 feet away, 21-20-09/157-53-33.
 1540 KXPA WA **Bellevue** – Granted STA, U1 5000/1250, construction near transmitter site will disrupt night pattern.

Application for STA received:

- 970 KNIH NV **Paradise** – Applies for STA, U1 1250/125, one tower (out of 5) has collapsed.

Extensions of previously granted STAs granted:

560	WHYN	MA	Springfield	– Granted STA extension, U1 1250/250 or parameters at variance.
660	WXQW	AL	Fairhope	– Granted STA extension, parameters at variance.
690	WQNO	LA	New Orleans	– Granted STA extension, U1 2500/1250 or CP facilities.
720	WHYF	PA	Shiremanstown	– Granted STA extension, longwire at 40-12-58/76-58-08.
790	WAEB	PA	Allentown	– Granted STA extension, U5 3600/375.
930	WYFQ	NC	Charlotte	– Granted STA extension, minor parameters at variance.
980	WOFX	NY	Troy	– Granted STA extension, minor parameters at variance.
	KTZR	WA	Selah	– Granted STA extension, U1 1000/125 from KRSE-105.7 tower.
990	WRFM	IN	Muncie	– Granted STA extension, U1 62/1, folded unipole at 40-09-39/85-25-54.
1030	WOSO	PR	San Juan	– Granted STA extension, D1 300, unipole at 18-26-55/66-04-37.
1050	KORE	OR	Springfield-Eugene	– Granted STA extension, U1 1500/105 to prevent QRM to KSCR-1320.
1080	WHIM	FL	Coral Gables	– Granted STA extension, U4 50000/20000, Cuba QRM.
1230	KTRF	MN	Thief River Falls	– Granted STA extension, parameters at variance.
1280	WSAT	NC	Salisbury	– Granted STA extension, parameters at variance.
1320	WOBL	OH	Oberlin	– Granted STA extension, parameters at variance.
1340	WTRN	PA	Tyrone	– Granted STA extension, reduced power (using U1 900/900).
1360	WGBN	PA	McKeesport	– Granted STA extension, U2 1000/1000 from night site.
1390	WROA	MS	Gulfport	– Granted STA extension, parameters at variance.
1420	KRIZ	WA	Renton	– Granted STA extension, U1 250/125 from KYIZ-1620 tower.
1470	KYYW	TX	Abilene	– Granted STA extension, using CP for U1 5000/110.
1490	KCFC	CO	Boulder	– Granted STA extension, U1 290/290 from CP application site.
1520	WINW	OH	Canton	– Granted STA extension, D1 250, temp LW at 40-48-32/81-22-35.
1580	WNTF	FL	Bithlo	– Granted STA extension, D1 2500.
	WVZN	PA	Columbia	– Granted STA extension, U1 500/5, temp LW at 40-01-28/76-28-31.
1590	WKTP	TN	Jonesborough	– Granted STA extension, U1 5000/1250.
1600	WLXE	MD	Rockville	– Granted STA extension, U1 1000/125.

Applications to extend previously granted STAs filed:

570	WTBN	FL	Pinellas Park	– Applies to extend STA, U4 5000/10000, Cuba QRM.
	WSYR	NY	Syracuse	– Applies to extend STA, minor parameters at variance.
600	WREC	TN	Memphis	– Applies to extend STA, minor parameters at variance.
760	KFMB	CA	San Diego	– Applies to extend STA, reduced power at night.
790	WMC	TN	Memphis	– Applies to extend STA, U1 5000/1250 or parameters at variance.
860	KTRB	CA	San Francisco	– Applies to extend STA, U1 50000/12500 from day site.
890	KDXU	UT	St. George	– Applies to extend STA, U1 10000/2500 during diplexing.
920	WDMC	FL	Melbourne	– Applies to extend STA, U4 5000/1000 from CP site.
	KKLS	SD	Rapid City	– Applies to extend STA, reduced power, pattern problems.
970	KSYL	LA	Alexandria	– Applies to extend STA, parameters at variance.
1010	KXEN	MO	St. Louis	– Applies to extend STA, U5 50000/125, alternate night site.
1070	WCSZ	SC	Sans Souci	– Applies to extend STA, D1 2000.
	WBKW	WV	Beckley	– Applies to extend STA, D1 1000.
1150	KNMM	NM	Albuquerque	– Applies to extend STA, D1 1000.
1190	WPSP	FL	Royal Palm Beach	– Applies to extend STA, U4 2200/410, Cuba-1180 QRM.
1230	WDWR	FL	Pensacola	– Applies to extend STA, U1 250/250, temporary antenna.
1260	WSHU	CT	Westport	– Applies to extend STA, temporary tower.
1300	WIBR	LA	Baton Rouge	– Applies to extend STA, U1 1250/250, temporary antenna.
1360	WPPA	PA	Pottsville	– Applies to extend STA, parameters at variance.
	KWWJ	TX	Baytown	– Applies to extend STA, minor parameters at variance.
1370	WLLN	NC	Lillington	– Applies to extend STA, reduced day power (unspecified).
1420	KSTN	CA	Stockton	– Applies to extend STA, U1 1250/250.
1470	KAIR	KS	Atchison	– Applies to extend STA, U1 250/250.
1520	KOKC	OK	Oklahoma City	– Applies to extend STA, U1 10000/10000, temporary tower.
1530	WJDM	NJ	Elizabeth	– Applies to extend STA, D1 250, temporary site.
1540	WYCL	OH	Niles	– Applies to extend STA, D1 125.
1560	KGOW	TX	Bellaire	– Applies to extend STA, U4 11500/15000 from night site.
	WBYM	PR	Bayamon	– Applies to extend STA, CP facilities of U1 4000/740.
1570	WHTX	OH	Warren	– Applies to extend STA, U1 125/40.
1590	WFTH	VA	Richmond	– Applies to extend STA, parameters at variance, top of tower fell.

SILENT STATIONS

Formerly silent stations informing the FCC that they are back on the air:

- 1050 WSEN NY Baldwinsville – Silent Sept. 18 (2016); on the air July 9.
 1310 KZYP AR Malvern – Silent Apr. 29; on the air July 11.
 1450 KSKE CO Buena Vista – Silent Nov. 30 (2016); back on the air June 10.
 1460 WRRE PR Juncos – Silent Oct. 20 (2016); on the air July 8.
 1480 WRCK NY Remsen – Silent July 15 (2016); on the air June 22.
 1550 WUSP NY Utica – Silent July 15 (2016); on the air June 22.

Stations informing the FCC that they are silent:

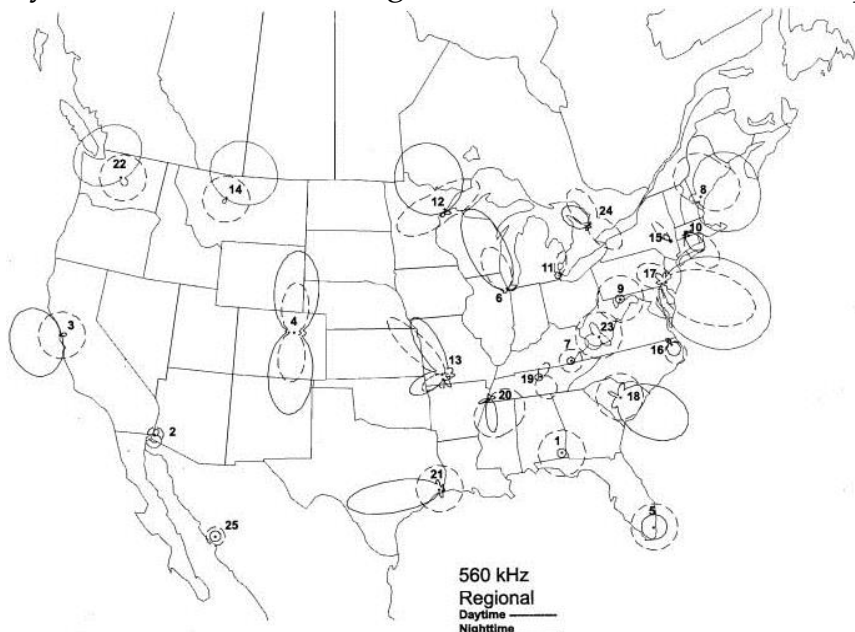
- 630 KLEA NM Lovington – Silent June 30; pending sale after owner's death.
 790 KKON HI Kealahou – Silent June 30; problem with programming source.
 850 KHLO HI Hilo – Silent June 30; problem with programming source.
 880 WAMI AL Opp – Silent June 23, lightning damage.
 1210 WLRO LA Denham Springs – Silent (again) June 16, ongoing damage from 2016 floods.
 1220 WSTL RI Providence – Silent June 30; financial difficulties.
 1240 WJLX AL Jasper – Silent July 1; transmitter problems.
 WNBZ NY Saranac Lake – Silent June 17, transmitter failure.
 1290 WJBI MS Batesville – Silent July 7; financial difficulties.
 1480 KPHX AZ Phoenix – Silent June 30; needs a new satellite dish.
 WVOI FL Marco Island – Status changed to silent June 26; no explanation on FCC site.
 (See TLK-FL logging of the station with distorted audio on July 3 in DDXD.)
 WRCK NY Remsen – Silent (again) June 28, pending sale.
 1510 WMEX MA Boston – Silent June 30; has lost transmitter site.
 1550 WUSP NY Utica – Silent (again) June 28, pending sale.
 1600 WXYM VA Saltville – Silent June 2; multiple technical problems.

COORDINATE CORRECTION

- 950 KJTV TX Lubbock – CP to correct coordinates to 33-34-56/101-49-32 is on the air.

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: Same as for the *NRC AM Log* (see page 1). Colorado residents, please add 3.5% sales tax.

Unreported Domestic Stations

One new station – KGEN-1370 – was reported to DDXD this issue for the first time since at least 1999-2000 (Volume 67). Another station on the list, WCSA-1260, had its license revoked. So now there are only 414 currently licensed stations in the United States and Canada that haven't been reported in DDXD during this period. If you can report one next issue, let's get the number down even further!

Domestic DX Digest – East

Mike Brooker, 99 Wychrest Avenue, Toronto ON M6G 3X8 (Canada), patria1818@yahoo.com

For loggings of U.S. and Canadian stations by DXers in Eastern/Atlantic time zones

All times are Eastern Local Time (ELT)

REPORTERS

- BC-NH** **Bruce Conti, Nashua** – Excalibur SDR, MWDX-5, variable termination SuperLoop antennas 50 x 60-ft at 60° northeast and 50 x 75-ft at 180° south.
- KK-VA** **Kraig Krist, Manassas** – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop
- TLK-FL** **Terry Krueger, Clearwater** – NRD-535, 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/Oyster Point** – Grundig S350
- MKB-ON** **Mike Brooker, Toronto** – Grundig YB-400PE, Sony SRF-39FP, C Crane CC Skywave, Panasonic RF-2200.

Follow me on Twitter! @patria1818 DX-related tweets will be hash-tagged #MWDX.

Friend me on Facebook! www.facebook.com/keval.mike

UNID

- 1070 unID** -- - 6/30 0548 – In multi-station mix (WGOS, WFNI, WINA, WKOK and UNID oldies station), Morse code noted at 0548:41. Not able to hear complete code message, but did hear “KM”. Only “KM” I can find on 1070 is 250-watt daytimer WKMB Stirling, NJ. Unsure what I am hearing or who would be sending the code. **(KK-VA)**
- 1130 unID** -- - 7/3 0540 – Someone occasionally popping through with emphatic Spanish male sermon. WLBA, Gainesville, GA in the mix with the usual Mexi-tunes “La Mejor” so not them. Same one heard the day before at 0554, pointing about N/S. **(TLK-FL)**
- 1150 unID** -- - 7/8 0635 – “Don’t Let Me Be Misunderstood” by The Animals, lost in super tight WTMP null, and Radio Bayamo, WNDB and WJEM co-channel. Again 0606 July 9 with “Baker Street” by Gerry Rafferty, fade, “Sing A Song” by Earth Wind & Fire at 0616. Points NNW, and suspect either WJRD Tuscaloosa AL or WCRK Morristown TN. **(TLK-FL)**
- 1320 unID** -- - 6/25 0619 – Someone poking through with NOAA alert opening DTMF tones, closing tones at 0621. Then again at 0622 and the closing alert tones at 0624. Googling, flood watch alerts at this hour in parts of interior Alabama, Mississippi and Louisiana and indeed pointing that way. A few possibilities, but we’ll never know who. **(TLK-FL)**
- 1390 unID** -- - 6/24 0626 – Female modern Bluegrass, male announcer briefly and into male Bluegrass/banjo. Quickly lost to sunrise fade and co-channel. WROA and WAJD the only ones audible the following morning, same time. Presumably something TN, NC, KY, pointing that way. Best candidate may be WMCT, Mountain City, TN, last heard September 13, 2015 with Bluegrass gospel. **(TLK-FL)**
- 1460 unID** -- - 7/3 0712 – Buzzing blob sounding like a plasma TV, but right on 1460 only, so someone malfunctioning. Not WNPL or WZEP, both of which occasionally faded up in the dominant buzz. Seemingly ground and skywave pieces at this hour. Not there at 0728 recheck. WQXM, Bartow, FL? **(TLK-FL)**

TIS/HAR

- 1650 WQQJ297** **FL Tampa** – 7/14 1000 – Pretending to be WQVF594, noted rather poorly on the lousy sensitivity Hyundai car radio in the office parking lot on the Pinellas side of the Howard Frankland Bridge, where WQQJ297 (the I-275 FDOT HAR transmitters at Exits 39 and 44) are normally heard. Same generic compu-male loop as used everywhere in the state, but opening with these calls. I initially assumed they flipped or uploaded an old call. But back at the house, I still hear WQQJ297 calls. So, where is this? It is not listed in the FCC dB, but was once assigned to the I-75 Wesley Chapel area transmitter on 1630 kHz, which along with another nearby one on 1650, are confirmed active as on late May in a drive past. But they were

using WQQJ297 calls on both 1630 and 1650 then, those being generic calls used by various mobile FDOT transmitters. And on July 17 back at the office, it's the same signal level as on July 14, and identifying again as WQQJ297. So I can only tentatively conclude the wrong ID loop was uploaded at some point and reverted back to the correct one between my listens. (TLK-FL)

PIRATE/BOOTLEG

1620 ---- FL **Orlando** – 7/1 0800 – “Radio Keenam” off-channel (het from either last gasp of a 1620 X-band, Cuba or the local 810 harmonic), and very weak signal plus badly distorted. Audible on I-4 near the South Orange Blossom Trail/US-441 exit, and lost shortly after while eastbound. (TLK-FL)

CATCH THE DRIFT

1270.1 WACM MA **Springfield** – 7/9 0500 – Loud het against 1270 WTJZ; oldies music, Kool news update. Measured 1270.102 kHz. (BC-NH)

LOGGINGS

540 WWCS PA **Canonsburg** – 6/27 2215 – Game Night with Matt Perrault, plenty of SB Nation promos and mentions, ads, ToH (2300) ID “...WWCS Canonsburg...” and more SB Nation mentions. Fair to very poor over probably WLIE with plenty of slop from CIAO-530 and WGR-550. (PS-ON)

790 WTNY NY **Watertown** – 7/16 1158 – Steady signal on waterpath-assisted groundwave (I took my C Crane to Toronto's Lake Ontario waterfront) with Meals on Wheels PSA, “WTNY 790” jingle into Fox news. (MKB-ON)

WPIC PA **Sharon** – 7/18 2250 – While listening to WAEB and others battling it out, heard a clear “...790 WPIC” ID, then into Fox news. Poor to very poor in station mix. (PS-ON)

850 WKGE PA **Johnstown** – 7/8 2201 – Under local WEEI Boston; ID into “Sing” by the Carpenters. On all night with the same ID and Carpenters song every top of the hour. Also noted 7/18 2201 – Under WEEI; still the same ID and Carpenters song every hour through the night. (BC-NH)

+++ 7/9 2155 – Heard this station occasionally over the last few weeks, but was unable to ID because their audio is horribly distorted. Better signal tonight with oldies, “850 WKGE...” at 2156, “Volare” by Dean Martin, 2158 “850 WKGE...Johnstown” ID into “Lady in Red” by Chris DeBurgh. Fair at times over WKNR to very poor. (PS-ON)

900 WGHM NH **Nashua** – 7/6 1640 – Local format change; “WGAM, where all the good songs come to play,” pop/rock oldies music, 1700 canned ID for 1250 WGAM Manchester and 900 WGHM Nashua, ex-ESPN sports. (BC-NH)

940 WGRP PA **Greenville** – 7/3 0602 – Over noise floor with “Silly Love Songs” by McCartney & Wings, “WGRP Greenville and WLOA Youngstown-Farrell” legal ID. CFNV in Montreal apparently stopped testing so they can focus on CFQR-600. (MKB-ON)

960 WFGL MA **Fitchburg** – 7/4 2250 – Christian music, “Renew FM...” slogan at 2251, brief talk about marriage, “Storms” by V. Rose, “Faith to Believe” by Shane & Shane, possible ToH ID, into Songtime Radio show. Fair at times to very poor over WFIR. // renewfm.org stream. (PS-ON)

970 WFUN OH **Ashtabula** – 7/16 2256 – Medical Center ad, ad for credit company, “...970 WFUN Ashtabula” ID at 2258. Poor to very poor mostly under partially nulled WDCZ. (PS-ON)

WBGG PA **Pittsburgh** – 7/13 0102 – While still trying to ID mystery Fox Sports station (WBLF?) under WDCZ-Buffalo, mostly nulled WDCZ and heard ESPN promo, online flowers ad, “970 WBGG” ID. Poor to very poor under WDCZ. (PS-ON)

1010 WSPC NC **Albemarle** – 6/25 0559 – In multi-station mix with female news or weather-caster: “... it's 71...at the WSPC and WZKY weather center. I'm...” (KK-VA)

WWMC NC **Kinston** – 6/25 0523 – In multi-station mix (WPMH, WINS, WTZA, CFRB, WSPC, UNID oldies and ESPN) with “24 hours a day... we are ‘Gospel 10-10’ and 92.9 FM...” station promo. (KK-VA)

1020 WRIX SC **Homeland Park** – 7/14 2301 – Been trying to ID this one for a few weeks after hearing religious and bluegrass music under KDKA. Choir music, possible full legal ID with mention of WHQA, “The Life FM” slogan, possible promos with



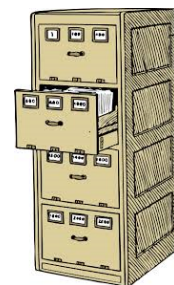
"The Life FM" mentions, Christian C&W music, country version of "Jesus Loves Me" by Joey + Rory. Poor to extremely poor under KDKA. // to WHQA stream on Tune In. **(PS-ON)**

- 1040 WURN FL **Boynton Beach** – 6/25 0459 – In multi-station mix (WSGH, WPBS, WZSK, UNID religious talk and C&W stations) with Spanish programming, Latina female with "This is WURN Boca Raton..." ID in EE. **(KK-VA)**
- WZSK PA **Everett** – 6/25 0559 – In multi-station mix with "... stories of the hour, with news when you want, weather on the 10's. This is Bedford County's news station. News talk 10-40 WZSK..." station promo and ToH ID into ABC news. **(KK-VA)**
- 1050 WWGP NC **Sanford** – 6/30 0505 – In multi-station mix (WBQH and various UNIDs: religious talk, oldies/1970's songs and Spanish singing) with C&W songs, male "...Florida Georgia line right here on WWGP..." ID. Another "10-50 AM WWGP Sanford" ID at 0525 and "Proud to be serving central North Carolina since 1946 with today's best country...WWGP 10-50 AM..." station promo at 0540. **(KK-VA)**
- 1070 KNX CA **Los Angeles** – 7/4 0600 – Nice level, albeit for only two minutes, with male canned ID seconds before top of hour, into CBS News. Smashed by WNVY at 0602, presumably up on critical hours power, though it was certainly on big prior to 0602 the day before. **(TLK-FL)**
- WNVY FL **Cantonment** – 7/3 0526 – "Hope in the Night" Christian talk church lady. Matches their block program daily online schedule. Doubt 28 watts night power, probably on 2300 watts critical hours at this reception. **(TLK-FL)**
- WGOS NC **High Point** – 6/30 0600 – In multi-station mix with female "Esta es (rest is SS speaking female speaking EE) WGOS 10-70 AM High Point, Greensboro" ID. **(KK-VA)**
- WKOK PA **Sunbury** – 6/30 0550 – In multi-station mix (WFNI, WINA, WGOS and UNID oldies) with male "News radio 1-70 WKOK" ID. **(KK-VA)**
- 1080 WWDR NC **Murfreesboro** – 6/30 0506 – Mixing with WTIC, WWNL, NBC Sports radio (probably WHOO) and Spanish singing, "WWDR 10-80 classic R&B and Gospel for Murfreesboro" ID. **(KK-VA)**
- 1090 WHGG TN **Kingsport** – 6/1 2305 – On after sunset with Christian music, show promo, "...97.3 Love FM" slogan at 2314 and 2317, "Home" by Chris Tomlin very recognizable on air and // to loveradio.fm. Fair at times to very poor under WBAL. **(PS-ON)**
- 1100 WHLI NY **Hempstead** – 7/8 0530 – In WTAM mix with oldies, 0535 station promo: "All the hits you won't hear anywhere else, 11 hundred WHLI. In the office, in the car, download our app. We're the hits of a lifetime, 1100 WHLI". **(KK-VA)**
- 1110 WTOF AL **Bay Minette** – 7/8 0553 – In WBT mix with gospel songs, male DJ/program host: "There's never a day passes that what I said for every one of you listening to WMOB..." WMOB 1360 is // WTOF. New station and nice surprise on frequency usually dominated by WBT. **(KK-VA)**
- 1120 WSME NC **Camp Lejeune** – 7/3 0532 – Urban-ish vocal, quite simple "WSME" by male, into another Urban-ish vocal. D1 6000 watts, probably on CH 4200 watts at this time. Slight KMOX co-channel. **(TLK-FL)**
- 1130 WHHW SC **Hilton Head Island** – 7/3 0542 – Dido's depressing "Thank You" into commercial for someone "... celebrating 10 years with over 175 craft beers..." Male canned "A special blend of music, 93-5, The Island" into equally depressing "The Luckiest" by Ben Folds. To be more accurate, Adult Album Alternative format, not Oldies. Mostly dominating over lots of co-channel. **(TLK-FL)**
- 1140 WRNA NC **China Grove** – 7/8 0624 – Came up under dominant WRVA just long enough to catch station promo: "Your home for the best and most southern Gospel station. AM 1140 WRNA and AM 1460 WRKB." New station and nice surprise. **(KK-VA)**
- 1150 WLOC KY **Munfordville** – 7/5 2305 – C&W music including "All Summer Long" by Kid Rock, "Studio 101" mentions, more music by Jon Pardi, Dustin Lynch, Luke Bryan etc, mention of 4th of July special, another "Studio 101" mention at 2316. Very poor under CKOC with possibly WAVO, an oldies station and others. **(PS-ON)**
- WGBR NC **Goldsboro** – 7/12 2135 – Been trying to ID this one for almost a week, but finally got it. Classic hits, "Goldsboro's Greatest Hits" mention at 2139, songs

including "Goodbye Stranger" by Supertramp, "Heart of Gold" by Neil Young. Very poor under CKOC with also WHBY. **(PS-ON)**

- WAVO SC Rock Hill** – 6/22 2132 – Nostalgia music under CKOC including a Frank Sinatra tune, WAVO mention at 2138, "...we are 1150 WAVO" ID by female announcer at 2139, possible ads, into more music. Poor to very poor, sometimes audible under CKOC. **(PS-ON)**
- 1160 WIWA FL St. Cloud** – 7/3 0614 – Presumed the one, fair with Spanish male preaching, and pointing that way. **(TLK-FL)**
- 1190 KQQZ IL Fairview Heights** – 7/4 0608 – "Scarlet Fever" by Kenny Rogers and other classic Country songs, singing females "11-90 KQQZ" at 0620. Ex-De Soto, MO transmitter site. Parallel station stream. **(TLK-FL)**
- 1240 WMMB FL Melbourne** – 7/3 0433 – "...cabinetry, showrooms in Enterprise and Melbourne..." local ad and Brevard County summer camp internment ad, back to C2CAM. **(TLK-FL)**
- WJEJ MD Hagerstown** – 7/3 2258 – "The Things I Love" by Jeri Southern, ToH ID "...this is WJEJ Hagerstown MD", then time pips and "It's 11:00" into CBS news, later at 2312 heard a version of "Smoke Gets In Your Eyes" and "That's The Way I've Always Been" by Carly Simon. Very poor to poor in station mix. // to Tune In stream. **(PS-ON)**
- WVTS WV Dunbar** – 7/6 2205 – Possible news, heard WVTS mention, clear "News Talk 1240 WVTS" ID at 2211, "...News Source...WVTS" at 2222. Very poor in station mix. **(PS-ON)**
- 1320 WDER NH Derry** – 7/11 0345 – Fair signal (radio oriented east/west) with sermon on David, mentions of "Turning Point" and "Life Changing Radio", ID at 0406. **(JW-PA)**
- WJAS PA Pittsburgh** – 7/11 0345 – Coast to Coast AM in well up to the hour with north/south radio orientation. ID came through well during the 0400 news break. **(JW-PA)**
- 1330 KVOL LA Lafayette** – 6/25 0609 – Richard Starkey's "It Don't Come Easy" then male canned "The greatest hits of all time is right here on KVOL" into "Your Precious Love" by Tammi Terrell and Marvin Gaye. Very good level. **(TLK-FL)**
- WRCA MA Watertown** – 7/8 2300 – Over/under WWRV; "WRCA Watertown, WBOS HD2 Brookline-Boston, W291CZ and WJMN HD2 Boston, WXKS Newton, Bloomberg 106-1 Boston," ex-ethnic. **(BC-NH)**
- WTRX MI Flint** – 6/29 2248 – Ferrall On The Bench, national ads (Little Caesars, Rocket Mortgage, Granger, Gap/Banana Republic stores, Geico etc.), "WTRX Flint, A Cumulus station..." ID at 2259. Fair to very poor in station mix including WSPQ and WWRV. // www.wtrxsports.com stream. **(PS-ON)**
- WESR VA Onley-Onancock** – 7/14 0357 – Nice "Coastal Country" slogans with Virginia news on the hour. I doubt they were at 51 watts. **(JW-PA)**
- 1340 WLEW MI Bad Axe** – 7/3 0012 – C&W songs, matched "Words Can Break Your Heart" by Don Henley to Tune In Stream, able to hear ID at 0033: "The Thumb's Hottest Country WLEW" before fading into the mix again, possible jingle, "Cowboys Like Us" by George Strait. Poor to very poor in station mix. **(PS-ON)**
- WEXL MI Royal Oak** – 7/6 2128 – Urban gospel music, show promo "on Glory 1340", "we are WEXL 96.7 FM, 1340 AM..." ID at 2137. Very poor under WLVL. // to Tune In stream. **(PS-ON)**
- 1380 WABH NY Bath** – 7/21 2200 – Fair; Yankees baseball parallel flagship 660 WFAN. **(BC-NH)**
- 1400 WINC VA Winchester** – 6/26 0400 – Clear ID for WINC Winchester after PSA for a migraine association and right before the news on the hour. **(JW-PA)**
 +++ – 6/30 2331 – Washington Nationals post-game show with mentions of the Washington Nationals radio network, ads with mentions of Virginia, sports scores. No ID heard, but WINC is the only station on 1400 that is an affiliate of Nationals radio network. Poor to very poor in station mix. **(PS-ON)**
- 1450 WLEC OH Sandusky** – 6/25 2358 – "Loving You" by Kenny G, ToH ID "Broadcasting from...WLEC Sandusky", into news. Very poor briefly above station mix. **(PS-ON)**
- 1460 WRVK KY Mount Vernon** – 6/28 0018 – Country and Bluegrass music, ID at 0021 between songs "1460 WRVK". Poor to very poor mostly under WHIC in the station mix with CJOY. // to Tune In stream. **(PS-ON)**

- 1480 WVOI FL **Marco Island** – 7/3 0624 – Sloppy signal with Marvin Gaye and Tammi Terrell “Ain’t No Mountain High Enough”. Bad hum, and audio with an off-frequency sounding distortion, though clearly on channel. (TLK-FL)
- 1490 WMRN OH **Marion** – 7/16 2157 – While trying to ID an oldies station, heard “1490 WMRN” ID by female announcer at 2157 and lost it in the slop. Very poor. (PS-ON)
- 1510 WRNJ NJ **Hackettstown** – 7/21 0400 – Good over WLAC; “Northwest Jersey’s own ‘RNJ, 92.7 FM, 104.7 FM, 1510 AM, WRNJ dot com,” and singing “WRNJ Hackettstown,” into ABC news. The dominant signal since WMEX Boston went off the air. (BC-NH)
- 1600 WZNZ FL **Atlantic Beach** – 7/3 0622 – Net business talk, weekend box office stats, Michigan business recruitment spot (good luck with that), Home Depot ad. (TLK-FL)
- 1650 KSVE TX **El Paso** – 7/15 0601 – Two Spanish guys with sports bantering, female mentioning ESPN Deportes at 0631. Co-channel WHKT, XEARZ, WQQJ297. Presumed the one as still listed as ESPND on the station’s website as well as ESPN Deportes site, but other sites claim José FM 93.9 KINT-FM simulcast. (TLK-FL)



From the *DX News* archives

Compiled by Ron Schiller.

75 Years Ago – From the August 8, 1942 issue of *DX News*: New club Treasurer announced that renewing members would receive their membership card along with the bulletin “thus saving 3 cents postage”! (Ah, our thrifty ancestors!). Carroll Seth contributed the “Convention Poem”, most of a page long. NRCers involved in the war (WWII) included: Cpl WH Stone (ONT), Pvt Ted Borchardt, Pvt Melvin Steen & Thomas Grey, USN.

50 Years Ago – From the June 17, 1967 issue of *DX News*: Roy Millar, stalwart WA DXer, offered an HQ129X for sale for \$100 prepaid in US. He reported two excellent catches on 1120 at 5 AM sign-on: KCLE, Cleburne, TX (250w) & WWOL, Buffalo, NY. Miami’s Bill Brubaker logged & verified a week later WGBY-1340 Guantanamo Bay, Cuba Armed Forces Radio as well as the very rare ACA-20 790, from the Canal Zone, Panama. Gordon Nelson edited the IDXD column: CA’s Don Kenney noted 9 AU/NZ stations heard this summer plus ZCO-1020 Tonga. Jamaica’s Michael Silvera heard ZP7-895 Paraguay, while CA’s Don Reynolds added VTVN-650 South Vietnam.

25 Years Ago – From the August 3, 1992 issue of *DX News*: NRC Board in a legal squabble with one Mike Knitter (an ex-column editor) who claims “ownership” of the membership list & refuses to return it. Attorneys handling! Spanish Morocco-1359 logged by Jean Burrell in NF, Canada as well as Bolivia-1550! NZ DXers: Laurie Boyer has verified 3,789 stations in 136 countries; the legendary Arthur Cushin has 2925 stations from 166 countries (all-time record?), and Keith Robinson is at 2731 from 151 countries. Large FM DX section as edited by KS’ Todd Brandenburg.

10 Years Ago – From the July 16, 2007 issue of *DX News*: Robert Forsman of Escatawpa, MS contributed ten Graveyard (GY) DX records, among them: CMGW-1240 Cuba; XEOM-1340, & HIAU-1240 Dominican Rep. Barry Finkel’s much appreciated Prof. Sports Networks column was updated. Luxembourg-234 LW in at Bristow’s MA shack. Other notable loggings: Corsica-1494 (Connelly-MA), Guadeloupe-640 (Conti, from ME), & 2AP-540 Samoa (Dale Park in HI).

Continued from Page One ...

2017 Madison-Milwaukee Get-Together: Via Tim Noonan: Our get-together returns to Oak Creek, Wisconsin this year, on Saturday, August 19. This 24th annual event will be held at our place at 801 E. Park Blvd., the same as in recent odd-numbered years. We hope you’ll be at the Reno convention the same weekend if you can, and we offer an alternative if you can’t. If you’re travelling to view the eclipse, take in the get-together as part of your trip. E-mail Tim at <DXing2@aol.com> or phone him at 414 813-7373 if you’d like more information.



Help Wanted: We are still looking for a successor to Kraig Krist as e-DXN and nrcdxas.org webmaster. For more details, please contact Wayne Heinen (contact info on the back page).

Domestic DX Digest – West

Jim Tedford, 20310 Bothell-Everett Hwy. B4, Bothell WA 98012-8133, Radio_Enthusiast@hotmail.com

For loggings of U.S. and Canadian stations by DXers in Central/Mountain/Pacific time zones

All times are Eastern Local Time (ELT)

REPORTERS

- GH-OK** **Glenn Hauser, Enid, OK.** Mostly DX-398 with internal antenna only; NRD-545 with ALA-330S E-W inside or N/S random wire; IC-R75 with E-W longwire; also available: PL-880 with internal or random wire; Nissan stock car radio when specified. Glenn's complete reports, with extensive commentary, are originally published in *DX Listening Digest*. <http://www.worldofradio.com/dxldmid.html>
- JS-MN** **John Sampson, Grand Rapids, MN.** Drake R8B with 100 foot long wire (oriented east)
- JW-CO** **John Wilkins, Wheat Ridge, CO.** Drake R-8, 4-foot box loop.
- NJ-AZ** **Nancy Johnson, Mesa, AZ.** Drake R8B, Wellbrook ALA1530LNP
- RD-IA** **Rick Dau on the road in Davenport IA.** Sony ICF-2010 + Grundig AN-220 (306 domestics, 313 overall loggings at this QTH)

DX LOGS

- 560 **WHBQ TN Memphis** – 6/27 0259 – Good with mentions of "Memphis" and "Mississippi" in legal ID. **(RD-IA)**
- 640 **WCRV TN Collierville** – 6/27 0258 – Fair with mention of "100.7" during local Bott Radio Network ID. **(RD-IA)**
- 680 **WMFS TN Memphis** – 6/27 0215 – Good with ads for Frontier Western Wear in Olive Branch (MS) and Gossett Mitsubishi on Covington Pike in Memphis. **(RD-IA)**
- 860 **KNAI AZ Phoenix** – 7/7 0659 – Mexican music; FM/AM legal ID (88.3 FM, 860 AM) at 0700:30 by male voice, then right back to music. Fair at best with fading and QRM from XEMO. Ex-KMVP here. **(JW-CO)**
- 860 **KKOW KS Pittsburg** – 6/27 2138 – Weak with Kansas City Royals BB. **(RD-IA)**
- 870 **WTIM IL Assumption** – 6/28 1052 – Fair with ad for local grocery store, then ID. **(RD-IA)**
- 870 **WPWT TN Colonial Heights** – 6/27 2212 – Weak in WWL null with Cincinnati Reds BB postgame show //WLW-700. Only 870 listed on the Cincinnati Bell Reds Radio Network for 2017. **(RD-IA)**
- 890 **KTLR OK Oklahoma City** – 7/14 1200-1214 – With reactivated *Broad Spectrum Radio*. Easily heard here in daytime coverage area, but not on alleged FM // 103.7, which is really K279CR: how can that exist with 100 kW rim shotter from Anadarko KVSP on 103.5? James Branum of BSR notified us yesterday he was resuming production starting with this weekly quarter-hour on KTLR, so I make a point of listening. He plans to resume SW with a monthly one-hour show by end of July. No details yet but previously employed WBCQ, WINB, and two mini-stations in Germany and Australia. And also on KTLR! **(GH-OK)**
- 900 **KJSK NE Columbus** – 6/25 0159 – An English station looping N/S, "Newstalk 900," fade for call letters, 0200 bong and CBS news, soon losing out to Spanish, probably XEOK Monterrey. The *only* fit by direction, network and slogan is per NRC AM Log. No fade back up toward end of news. Perhaps they were really on 65 watts and I was lucky. None of the TX stations, nor Minnesota, Saskatchewan match. **(GH-OK)**
- 970 **WDAY ND Fargo** – 6/28 0005 – Weak to fair with Fargo-Moorhead area weather forecast. **(RD-IA)**
- 1020 **KCKN NM Roswell** – 7/14 0157 – Gospel in Spanish making 5-6 Hz SAH with nearby KOKP, no doubt usual KCKN, relaying Radiovisión Cristiana, WWRV 1330 NYC, and also as usual failing to null its 50 kW(?) toward KDKA and us. I recently saw a listing in some MW DX publication showing KCKN as "silent"; it comes and goes, and may well have been silent at some previous date not specified. **(GH-OK)**
- 1030 **WNVR IL Vernon Hills** – 6/27 1351 – Fair with programming in Polish //webstream. **(RD-IA)**
- 1070 **WFNI IN Indianapolis** – 6/27 2056 – Good in WTSO null with mention of "Monument Circle" during local sports talk program. **(RD-IA)**



- 1140 KSOO SD **Sioux Falls** – 6/27 2208 – Good under WRVA with Minnesota Twins BB. **(RD-IA)**
- 1150 WCRK TN **Morristown** – 6/27 2159 – Fair with "...105.7 WCRK-FM" ID heard, then into Gordon Lightfoot's "Sundown. **(RD-IA)**
- 1170 KCBQ CA **San Diego** – 6/24 0858 – With talk, ID at 0900 "AM 11-70 The Answer (KCBQ jingle), a service of Salem Communications on the NASDAQ as SALM" into news from townhall.com. Strong signal with no usually dominant KYET and KFAQ had already faded out for the day. New logging. **(NJ-AZ)**
- 1180 KLPF TX **Midland** – 7/6 0859 – Loud at 0859 with end of religious program, 0900 ID "Thank you for listening to our local Catholic radio station on 11-80 AM, KLPF Midland-Odessa, here on the Guadeloupe Radio Network. Radio for your soul," into EWTN's "Catholic Connection" program. Very strong signal, no sign of KERN. New logging. **(NJ-AZ)**
- 1210 KPRZ CA **San Marcos** – 7/7 0859 – PSA's followed by 0900 ID "This is AM 12-10, your Christian station...KPRZ San Marcos." Fair mixing with KEVT and KHKR. New logging. **(NJ-AZ)**
- 1210 KOKK SD **Huron** – 6/27 2206 – Fair with ID during 10-second network break on the Treasure Island Minnesota Twins Network. **(RD-IA)**
- 1240 WTAX IL **Springfield** – 6/28 0101 – Good with promo for the Morning News watch weekdays on WTAX. **(RD-IA)**
- 1240 KBIZ IA **Ottumwa** – 6/28 1341 – Weak under WSDR with Radio Iowa news update. **(RD-IA)**
- 1310 WTTL KY **Madisonville** – 6/29 2222 – Ad for Madisonville, also mentions Hopkins County, which match in KY. Madisonville is in western KY, halfway between Evansville IN and Clarksville TN. Not to be confused with Hopkinsville KY which is in a different county to the south. **(GH-OK)**
- 1310 WDXI TN **Jackson** – 6/27 2352 – Good with St. Louis Cardinals BB, ad for R&J Small Engine Repair in Jackson. **(RD-IA)**
- 1310 CIWW ON **Ottawa** – 6/27 2355 – Good with ad for Frisby Tire in Ottawa. **(RD-IA)**
- 1330 WNTA IL **Rockford** – 6/27 2117 – Good with Chicago White Sox BB. **(RD-IA)**
- 1340 KICK MO **Springfield** – 6/28 2354 – Fair in the mud with "...AM 1340 KICK" heard in promo. **(RD-IA)**
- 1350 WOAM IL **Peoria** – 6/27 1259 – Fair with adult standards music, ID: "WOAM 1350...now on 107.5 in..." **(RD-IA)**
- 1370 KGEN CA **Tulare** – 6/27 0500 – Legal ID with mentions of 1370 AM, 94.5 FM and "La Ley" slogan, then back to Mexican music. Fair/poor in QRM. First new catch of 2017, CA #122. **(JW-CO)**
- 1370 WLLM IL **Lincoln** – 6/28 1322 – Weak under KDTH with REL program *Through The Bible* with J. Vernon McGee, confirmed by WLLM's website as being on at this time. **(RD-IA)**
- 1370 KXTL MT **Butte** – 7/8 0258 – Ads and PSA's; LID at 0259:50 by male voice: "Southwest Montana's Talk Radio Leader 1370 KXTL Butte, 94-7 FM K234AT McQueen;" news followed. Fair, mixing with KSOP. **(JW-CO)**
- 1370 KAWL NE **York** – 6/27 0504 – Call letter ID and a mention of "Cool 103.5 FM"; played Oldies music. Poor in QRM. **(JW-CO)**
- 1370 KWTL ND **Grand Forks** – 6/27 0700 – ID: "AM 1370 KWTL Grand Forks..." and mention of Real Presence Radio. Fair/poor. **(JW-CO)**
- 1370 KSOP UT **South Salt Lake** – 6/27 0701 – Legal ID at 0701: "The only station in Utah that plays Classic Country 24/7 KSOP-AM South Salt Lake". Fair with the loop pointed in the wrong direction. **(JW-CO)**
- 1370 WCCN WI **Neillsville** – 6/27 0600 – "America's best music right here on 1370 AM WCCN Neillsville," then back to Nostalgia tunes. Barely heard thru QRM. **(JW-CO)**
- 1400 WRDB WI **Reedsburg** – 6/28 1024 – Weak under WGIL with 608 area code phone # heard in local ad. **(RD-IA)**
- 1410 WING OH **Dayton** – 6/27 2346 – Very good in WOC splash with ID: "This is Wing 1410, ESPN Radio." **(RD-IA)**
- 1440 KTUV AR **Little Rock** – 6/28 2309 – Very good with mention of "Little Rock" in SS liner, then Tejano music. **(RD-IA)**
- 1450 KFIZ WI **Fond du Lac** – 6/28 2220 – Good with clear "KFIZ" ID during stopset on the Brewers Radio Network. **(RD-IA)**
- 1480 KPHX AZ **Phoenix** – Now silent pending sale. They went off the air due to loss of satellite feed of programming. **(NJ-AZ)**

- 1480 KLEE IA Ottumwa – 6/28 1341 – Weak under WLMV with only "...here on KLEE" heard. (RD-IA)
- 1530 WLIQ IL Quincy – 6/28 1422 – Faint with NAPA Know-How ad, then "Kick AM 1530" ID. (RD-IA)
- 1550 WJIL IL Jacksonville – 6/28 1005 – Fair with "1550 AM WJIL" ID by female, then local weather. (RD-IA)
- 1550 KESJ MO St. Joseph – 6/27 2131 – Fair with St. Louis Cardinals BB pregame show. (RD-IA)
- 1580 KHGG AR Fort Smith – 6/29 2217 – Ad string including area code 479, 474-0006 for Able Construction; 2218 a "101.1 Flashback" about a historical gunfight; 101.1sports.com ? Movemart, 646-MOVE, movemartinc.com another ad for Able roofing, mentions Oklahoma, 101.1; 2220 finally some music, a torch song. AC 479 means this is Arkansas, where we have KHGG Fort Smith (almost Oklahoma). (GH-OK)
- 1590 WAIK IL Galesburg – 6/27 1341 – Fair under WPVL with CLs heard during farming news program. (RD-IA)
- 1600 KATZ MO St. Louis – 6/27 2100 – Good with "...St. Louis, Hallelujah 1600, an iHeart Media station."(RD-IA)
- 1640 KDIA CA Vallejo – 7/16 0700 – "You're listening to the all-new KDIA..." is all that was discernible in this noisy band, with KZLS QRM. Was looking for long-time target WTNI. (JW-CO)
- 1660 WQLR MI Kalamazoo – 6/27 2105 – Very good with Chicago Cubs BB. (RD-IA)

Thanks for all your contributions. See you next time. (JDT-WA)

Confirmed DXer

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. Thanks again John. Next deadline: 8/17 4 PM PLT. pb

730 KNFL ID, Boise. PPC and note in 10 days for f/up. V/s Aaron Archuleta, Assistant Engineer. (JW-CO)

John Wilkins, Wheat Ridge CO (JW-CO)

GRAVEYARD DX UPDATE

Kraig Krist, Editor
nrc.edxn@yahoo.com

KLBM OR LaGrande 1450 kHz John Wilkins Wheat Ridge, CO 763

Congratulations to John for beating the prior KLBM distance by 284 miles!

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

Please check the listings before submitting your entries for GYDXA. Verify the station heard actually is a new record.

Proof needed for GYDXA listing. Proof includes a brief audio clip including station ID or other clearly identifiable proof, station log including station ID or other clearly identifiable proof or QSL.

Only submit currently active/listed stations otherwise I'm unable to calculate distance.

If everything is valid, I also need the Lat/Long of reception to calculate distance.

Remember, the only valid email address for submitting GYDXA is nrc.edxn@yahoo.com.

International DX Digest

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

For loggings of outside the U.S. and Canada

All times are Universal Coordinated Time (UTC)

PAN-AMERICAN DX

- 539.859 **NICARAGUA** *R.Corporación*, Managua JUL 8 0458 – Het against 540 WLIE; measured 539.859 kHz, signed off at 0459 UTC. [Conti-NH]
- 590 **MEXICO** XEBH Hermosillo, Son. JUL 19 1133 – Typical Mexican tunes, with versions of "La Mejor" slogan after each song; tuned out at 1145 UTC. Fair at best with fading and interference. [Wilkins-CO]
- 600 **PUERTO RICO** WYEL Mayagüez JUL 4 0100 – WKAQ network ID's; over Cuba. [Connelly-MA]
- 610 **MEXICO** XEGS Guasave, Sin. JUL 19 1127 – Music to 1129, then choral anthem; right back to music at 1131 UTC. Fair signal under KNML. [Wilkins-CO]
- 650 **COLOMBIA** HJKH, *RCN Antena Dos*, Bogotá JUL 4 0100 – Fast Colombia sports talk mentioning Cartagena team; dominant. [Connelly-MA]
- 650 **CUBA** *R.Rebelde*, Santiago de Cuba-Eide JUL 5 0200 – 9-note Rebelde sounder; mixed with more common *R.Progreso*. [Connelly-MA]
- 650 **MEXICO** XETNT Los Mochis, Sin. JUL 7 1123 – Regional music (heavy on the tuba); frequent mentions of program name "Buenos Dias Yardero"; at 1130 a "Radio 65" slogan and national anthem. Noted on other occasions with national anthem at this time (5:30 a.m. local time). Generally fair and alone on the frequency at times. [Wilkins-CO] JUL 14 1117 – Los Mochis ad at tuneby, so XETNT as expected. [Hauser-OK]
- 660 **MEXICO** XECPR *R.Chan Santa Cruz*, Felipe Carillo Puerto, Q.Roo. JUL 16 1020 – Choral anthem in progress at tune-in, male quick time check, into amateur-ish choral rendition of the Quintana Roo state anthem that seemingly would never end, followed by male and female inspirational vocal, then female, "XECPR... Somos Radio Chan Santa Cruz..." and frequency, power, into Mexi-tunes through 1038 tune-out. Approaching local level signal until 1030 UTC. This is the slightly variable Sunday-only early sign-on for this otherwise daytime station, the best shot at a log for east coast USA listeners. [Krueger-FL]
- 690 **COLOMBIA** HJCZ, *W Radio*, Bogotá JUL 4 0100 – Parallel 700 HJCX with *W Radio* ID, 16 pips; good. [Connelly-MA]
- 690 **MEXICO** XEWW Rosarito, BC JUL 4 1128 – Man with ID: "XEWW transmitiendo desde la Playa de Rosarito, Baja California, México, Seis Noventa AM," followed by national anthem; talk followed at 1130, subject unknown; soon began to deteriorate. Playa de Rosarito may be the actual city of license, rather than just Rosarito – sources do not agree. Last logged as XETRA years ago. [Wilkins-CO]
- 700 **COLOMBIA** HJCX, *W Radio*, Cali JUL 4 0100 – Parallel 690 HJCZ with *W Radio* ID, 16 pips; good. [Connelly-MA]
- 700 **MEXICO** XEGD Hidalgo del Parral, Chih. JUL 19 1102 – National anthem followed by AM/FM ID (XEGD 700 AM, XHGD 90.3 FM); address and phone numbers were also given but unreadable; "La Poderosa" slogan. Fair/poor. Mexican stations seem to have more latitude these days as far as when to play the national anthem. Used to be at 6:00 a.m. local time, with virtually no exceptions but XEGD played it at 5:00 and have noted others at 5:30. [Wilkins-CO]
- 710 **MEXICO** XEDP Cd. Cuauhtémoc, Chih. JUL 14 1112 – Low German preacher about Jesus, a dead giveaway for XEDP as logged with him many times before. Now it's on-frequency with no het, while I had noticed the 710-minus het in bedtime bandscan circa 0600 UTC. By 1125 recheck he;s done, over to a female DJ in Spanish, plus "La Ranchera de Cuauhtémoc" jingle. This one is listed as only 100 watts at night; yeah, sure. As previously researched, they switch between two different transmitter sites, one of which is significantly off-frequency. [Hauser-OK]
- 720 **NICARAGUA** *R.Católica*, Managua JUL 16 0300 – Católica mention, folk religious vocal; mixed with WGN. [Connelly-MA]
- 730 **COLOMBIA** HJCU *Cadena Melodia*, Bogotá JUL 18 0059 – Melodia Stereo ID; over others. [Connelly-MA]
- 730 **CUBA** *R.Progreso*, La Fe JUL 16 0300 – Overmodulated female vocal parallel 640; over CKAC. [Connelly-MA]

- 730 **MEXICO** XEX, *W Deportes*, México, DF JUL 16 1042 – "Stand By Me" by Oasis, female canned "W Deportes" into "Bitter Sweet Symphony" by The Verve, "Free Fallin'" by Tom Petty, "Close To Me" by The Cure, into highly truncated national anthem at 1100 UTC. [Krueger-FL]
- 740 **BRAZIL** unID JUL 20 0001 – Whistling and siren sound effects, brief Portuguese talk by a man with mention "programa do futebol" then lost to other Latin stations. [Saylor-NC]
- 750 **VENEZUELA** YVKS RCR Caracas JUL 6 0100 – ID, "RCR siete cincuenta AM"; good/alone on channel. [Connelly-MA]
- 760 **COLOMBIA** HJAJ, RCN, Barranquilla JUL 4 0100 – RCN news intro. JUL 5 0100 – RCN ID; loud. JUL 19 0100 – Banco Popular advert, pips. [Connelly-MA]
- 770 **MEXICO** XEREV Los Mochis, Sin. JUN 22 1127 – Mexican music; "Grupo Chavez Radio" quasi ID by gal, then jingle mentioning "Los Cuarenta," presumably *Los 40 Principales*, their listed format. Briefly even with KKOB but soon lost to them. [Wilkins-CO] JUL 14 1126 – "Sinaloense" state song, 1127 ID for "Grupo Chávez Radio, su radiodifusora local, la voz de esperanza"; 1128 time check for 5:29; "Los Cuarenta" and rock music. The "40" brand has dropped "Principales" which was really a cumbersome translation for "Top". We should not assume that *La Voz de Esperanza* is a real station name now although they did utter that. [Hauser-OK]
- 780 **BRITISH VIRGIN ISLANDS** ZBVI Road Town, Tortola JUL 18 0100 – ZBVI ID, bit of a country gospel song (Jim Reeves?), then a cover version of "Human Nature" (Michael Jackson song); to fair peak through T-storm static. [Connelly-MA]
- 780 **VENEZUELA** YVMN *R.Coro*, Coro JUL 17 0900 – "Radio Coro presenta..."; fair over WBBM. [Connelly-MA]
- 790 **MEXICO** unID JUL 14 1119 – Spanish news about Nuevo León. One thing for sure, there is no 790 XE in NL, but in a bunch of other states. [Hauser-OK]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk JUL 4 0100 – Transmundial and Bonaire mentions in Spanish talk; over jumble. JUL 19 0100 – Usual hymn, male preacher in Spanish; atop pile-up. [Connelly-MA]
- 800 **BRAZIL** unID JUL 20 0001 – At first I thought it was TWR Bonaire broadcasting in Portuguese, but a woman in Portuguese started to fade up just as TWR was finishing its English top of the hour ID. After a minute it switched to a man who mentioned what sounded like "Radio Sadi" and "nationale" then one of those little sweep jingles that you hear on Brazilian stations. Quick fade back to TWR and an unID domestic country station. *Radio MEC* in Rio is listed at 100 kW but there was no identifying information to know if that was them. [Saylor-NC]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá JUL 4 0100 – ID "en CARACOL Radio" at 0100:40; mixed with WGY. JUL 5 0100 – "CARACOL Radio" ID; over WGY. [Connelly-MA]
- 840 **BRAZIL** ZYK687 *R.Bandeirantes*, São Paulo JUL 20 0001 – Presumed; talk by man, then a breathy woman in Portuguese. In briefly at the same time as the other Brazilians. [Saylor-NC]
- 840 **HAITI** *Radio-Télé 4VEH*, Cap Haitien-Petite Anse JUL 4 0100 – 5-note "Dashing Through the Snow" electronic interval signal at 0100:35; under Cuba. [Connelly-MA]
- 860 **BRAZIL** ZYJ459 *Radio CBN*, Rio de Janeiro JUL 5 0200 – "CBN" network ID, man in Portuguese; through jumble. JUL 18 0100 – Man in Portuguese with fast sports commentary including "gol!" shouts. [Connelly-MA] JUL 20 0000 – Presumed; talk by a man in Portuguese over domestic religious station, mentions of internacional and radio, talked over siren sound effect and other short musical clips. [Saylor-NC]
- 860 **CUBA** *R.Reloj*, Jovellanos//Bolondrón JUL 19 0059 – RR beeps in mess. [Connelly-MA]
- 900 **CUBA** *R.Progreso*, San Germán-Urbano Noris JUL 19 0101 – "Big Girls Don't Cry" by the Four Seasons, deep voice announcer parallel 640; good, alone on channel. [Connelly-MA]
- 940 **PUERTO RICO** WIPR San Juan JUL 18 0101 – "WIPR nueve cuarenta" ID; briefly over pile. [Connelly-MA]
- 980 **CUBA** COCO La Habana-El Sapo JUN 24 1635 – Mexi-tunes program, nice Cuban traditional instrumental exit, no ID and abruptly into Noticiero Nacional de Radio pickup at 1700 UTC. Coming out of ID at 1730, Cuban vocals. [Krueger-FL]
- 1000 **BRAZIL** ZYK522 *R.Record*, São Paulo JUL 19 2356 – Talk by a woman in Portuguese under an easy-listening music station, "Radio Record" ID by a man then by the woman (hers was given with an echo effect) then into a singing version of the ID. Next was presumed program information, then into a Brazilian vocal song. Faded into a Colombian station (with mention "en Bogotá") on the hour but back on top a minute later with more light vocal music. [Saylor-NC]

- 1000 **CUBA** *R.Artemisa*, Artemisa JUN 24 1659 – "Don't Give Up" Peter Gabriel and Kate Bush duet, abruptly cut mid-song for Noticiero Nacional de Radio feed. Clear and fair; parallel 1020 kHz. NNdR exit theme 1730:17, male and female ID, station theme, 1:30 p.m. time check at 1:31:20, into Cuban pop vocal. [Krueger-FL]
- 1000 **CUBA** *R.Granma*, Media Luna JUL 19 0100 – Woman with *R.Granma* ID, 9-note 'tinkly' chimes; through IBOC hash. [Connelly-MA]
- 1020 **CUBA** *R.Artemisa*, Bahía Honda JUN 24 1659 – Very good; music and NNdR parallel 1000 kHz. [Krueger-FL]
- 1040 **BRAZIL** ZYK537 *R.Capital*, São Paulo JUL 19 2356 – Talk by man in Portuguese with mentions of "capital... radio" and "Brazil" fighting with another Latin station broadcasting a fútbol game. [Saylor-NC]
- 1100 **BRAZIL** ZYK694 *R.Globo*, São Paulo JUL 19 2357 – Rapid excited futebol play by play by a man in Portuguese with mentions of "Radio Globo" and singing ID's between plays. [Saylor-NC]
- 1100 **COLOMBIA** HJCN, *BBN Radio*, Bogotá JUL 5 0100 – BBN mention and "desde Bogotá, Colombia"; over the stew. [Connelly-MA]
- 1110 **MEXICO** XERED *Formato 21*, México, DF JUL 17 0900 – Under WBT; talk in Spanish, *Formato 21* jingle and music bed, México mentions. New log. [Conti-NH]
- 1140 **CUBA** *R.Musical Nacional*, Santa Clara JUL 18 0401 – Under WRVA and *R.Surco*; choral national anthem followed by canned ID with classical harp. [Conti-NH]
- 1140 **CUBA** *R.Surco*, Morón JUL 18 0400 – Under WRVA, over *R.Musical Nacional*; choral national anthem followed by canned ID. [Conti-NH]
- 1140 **MEXICO** XEMR *R.Esperanza*, Monterrey, NL JUL 15 1041 – Spanish male preacher, national anthem from 1101, ID, into Spanish gospel vocals. [Krueger-FL]
- 1150 **CUBA** *R.Bayamo*, Bueycito JUL 18 0359 – Over WWDJ; "Radio Bayamo, cadena provincial de Granma..." into choral national anthem, parallel 1620 kHz. [Conti-NH]
- 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena JUL 5 0201 – "En CARACOL Radio"; over WWVA. JUL 19 0100 – CARACOL Radio ID; dominant. [Connelly-MA]
- 1190 **MEXICO** unID JUN 30 0225 – Off-frequency station here, 1190.05 kHz approximately; better on the north/south antenna than the east/west, and employing all the splitoff tuning techniques of the NRD-545 (notch filter, very tight selectivity = narrow bandwidth, passband tuning, on USB), I *think* it's the one in Spanish, such as XECT *Contacto 1190* in Monterrey, 10000/100 watts per IRCA 2015 Mexican Log (when will there be a 2017?), but if I remember correctly when last heard it was not off-frequency. There were six further Mexicans on 1190 kHz. [Hauser-OK]
- 1220 **BRAZIL** ZYJ458 *R.Globo*, Rio de Janeiro JUL 5 0200 – Globo mention, man in Portuguese, sweep tones; in jumble with WQUN, WHKW, WWSF. [Connelly-MA] JUL 19 2356 – Talk between two men in Portuguese with mentions of Brazil, alone on the frequency at first then lost to a Spanish religious station (likely WDYT North Carolina). Back a minute later with Portuguese talk through the hour, then into an interesting singing ID that sounded like a futebol promo – sweeps, crowd chanting, ref's whistles in time with the beat, lyrics included "futebol" and "Globo Radio" on the accented beats. [Saylor-NC]
- 1280 **BRAZIL** ZYJ455 *Super R.Tupi*, Rio de Janeiro JUL 19 2356 – Presumed; Portuguese talk fading up for about a minute over a Spanish teletalk station; two men talking with echo in what sounded like sports play by play with sweeping sound effects. Faded into WCMN Puerto Rico after top of the hour but still audible with a long "gooooaaaalll" under. [Saylor-NC]
- 1310 **CUBA** *R.Enciclopedia*, Nueva Gerona JUL 3 0849 – Briefly bubbling up, parallel 530 kHz. [Krueger-FL]
- 1350 **CUBA** *R.Ciudad del Mar*, Aguada JUN 24 0958 – Cuban vocal, female canned "Esta es CM... (FM?), Radio Ciudad del Mar," followed by live guy ID in to news read by same dude, mostly Cienfuegos-centric items through 1007 tune-out. Very good. [Krueger-FL]
- 1540.5 **PERU** OCU2X *R.Turbomix*, Cajamarca JUL 3 0900 – Carrier, bits of audio, measured 1540.502 kHz. Interference from Indian music on 1540.0, presumably CHIN. [Connelly-MA]
- 1570 **MEXICO** XERF Cd. Acuña, Coah. JUL 16 1101 – National anthem in progress, followed by Coahuila state anthem at 1105; after this long fanfare (with no ID), went into a health (salud) program at 1109 UTC. Signal good/very good, as it usually is, and alone on the frequency. [Wilkins-CO]
- 1610 **ANGUILLA** *Caribbean Beacon*, The Valley JUL 6 0100 – Gene Scott preaching about what to do when everything is going wrong; over two others. [Connelly-MA]

1620 U.S. VIRGIN ISLANDS WDHP Frederiksted JUL 6 0100 – Woman mentioned "on the BBC World Service", 5+1 pips; over Cubans. [Connelly-MA]

CONTRIBUTORS

Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, cardioid-pattern SuperLoop 10m vert. by 11m horiz. (peak 165°, null 345°).

Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, MWDX-5, variable termination SuperLoop antennas 15 x 18-m 60° northeast and 15 x 23-m 180° south.

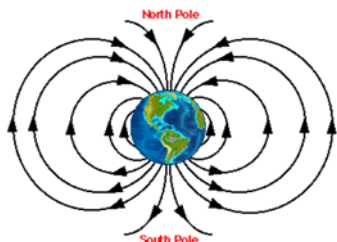
Glenn Hauser, Enid OK; NRD-545 with ALA-330S or north/south not very long wire, DX-398 or PL-880 with internal antenna only, sometimes IC-R75 with ~100-ft east/west longwire.

Terry L. Krueger, Clearwater FL; NRD-535, IC-R75, longwires, active loop.

Brett Saylor, Duck NC; Perseus SDR with 16 x 36-ft broadband loop at 230° south and Vactrol-controlled nulling resistor.

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

73 and Good DX!



Geomagnetic Indices

Geomagnetic Summary June 2017

Via Phil Bytheway – Tabulated from email status daily (K = 0000 UTC).

Date	Flux	A	K	Space Weather	Date	Flux	A	K	Space Weather
6/ 1	76	7	3	no storms	16	74	24	5	minor, G1
2	78	5	1	no storms	17	75	15	3	minor, G1
3	78	9	1	no storms	18	75	10	2	no storms
4	78	3	1	no storms	19	74	5	1	no storms
5	79	5	2	no storms	20	74	3	0	no storms
6	75	5	1	no storms	21	74	4	2	no storms
7	76	4	2	no storms	22	74	6	2	no storms
8	74	5	1	no storms	23	74	5	2	no storms
9	74	5	1	no storms	24	74	9	3	no storms
10	75	4	1	no storms	25	74	11	2	no storms
11	74	17	3	minor, G1	26	74	7	2	no storms
12	75	8	3	no storms	27	75	5	0	no storms
13	75	8	1	no storms	28	72	4	1	no storms
14	74	5	1	no storms	29	72	5	1	no storms
15	77	4	0	no storms	6/30	72	4	2	no storms

Sx – Solar Radiation Storm Level / Gx – Geomagnetic Storm Level / Rx – Radio Blackouts Level.



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DX Toolbox

Shawn Axelrod, 30 Becontree Bay, Winnipeg R2N 2X9 (Canada) amandx@mymts.net

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 94.

The Way Back Machine:

All things CHUM: <http://chumtribute.com/>

This page celebrates all of the great times at CHUM 1050. It states: "This site is a tribute to Allan Waters, the Waters family and everyone who worked at 1050 CHUM as a music station from 1957 until the music era ended in 2009."

If you remember the good old days of CHUM this site is the perfect way to bring back those memories.

DY note – As a kid growing up in Connecticut, I used to hear music under the Mets games on WHN-1050 and wonder where it was coming from. Then one night the music station actually had news that I could understand– about the fall of the Canadian government (which probably dates this to May 1974, right after I turned 12). I didn't know anything about DX then, and I was amazed! Later I figured this must have been CHUM.

Oh Canada!

As we up here in the Great White North celebrate our 150th anniversary of Confederation (the founding of Canada on July 1 1867) it has become apparent that AM radio is on the decline. Over the years I have helped update the NRC AM Log and my "job" of helping to find information and changes in data for Canadian radio stations has become easier. The reason it is easier is that there are less and less stations each year. Many of us in the hobby have lamented the death of AM radio and in Canada it is a very visible event. Below are the annual statistics for the number of AM radio stations on air that I helped proof for the AM Log:

2011	330 stations	2015	262 stations
2012	318 stations	2016	257 stations
2013	303 stations	2017	247 stations
2014	277 stations		

This shows that between 2011 and 2017 Canada had 83 less AM radio stations on the air. Now to those of you in the U.S. of A. 83 stations may seem like a small number, but if you look at it as a percentage that is a drop of just over 25%. If 25% of the AM stations in the U.S. of A. went off air there would be a very noticeable drop in stations.

Also there are 21 application or construction permits outstanding to convert from AM to FM as of June 30 2017. These 21 should be implemented by the end of 2019 if not sooner in many cases. There are all of 9 applications or construction permits for new stations.

The AM band may be in trouble here in Canada and around the world, but I for one will not say it is dying but it is shrinking quickly. In point of fact the Province of Prince Edward Island has no AM broadcast stations on air at all. In the North the conversion from AM to FM is in high gear making it almost impossible to log an AM station from the three territories.

The CBC is converting many of its relay stations to FM at a cost of \$30,000.00 to \$80,000.00 each. They claim it will be cheaper to go to FM than to replace the old AM transmitters and towers with new AM equipment. In my humble opinion you are using the poor condition of some AM equipment as an excuse to convert to FM regardless of the costs.

This may sound bad but it is better than some European countries that have already withdrawn from the AM band completely and only broadcast on FM. Just more signs of the time, but not time to give up on the hobby. There is always something new to DX.

Bits and Bites from the NRC listserv:

From: Mark Durenberger

Re: Eclipse

<http://www.skyandtelescope.com/2017-total-solar-eclipse/how-to-hear-the-solar-eclipse/>

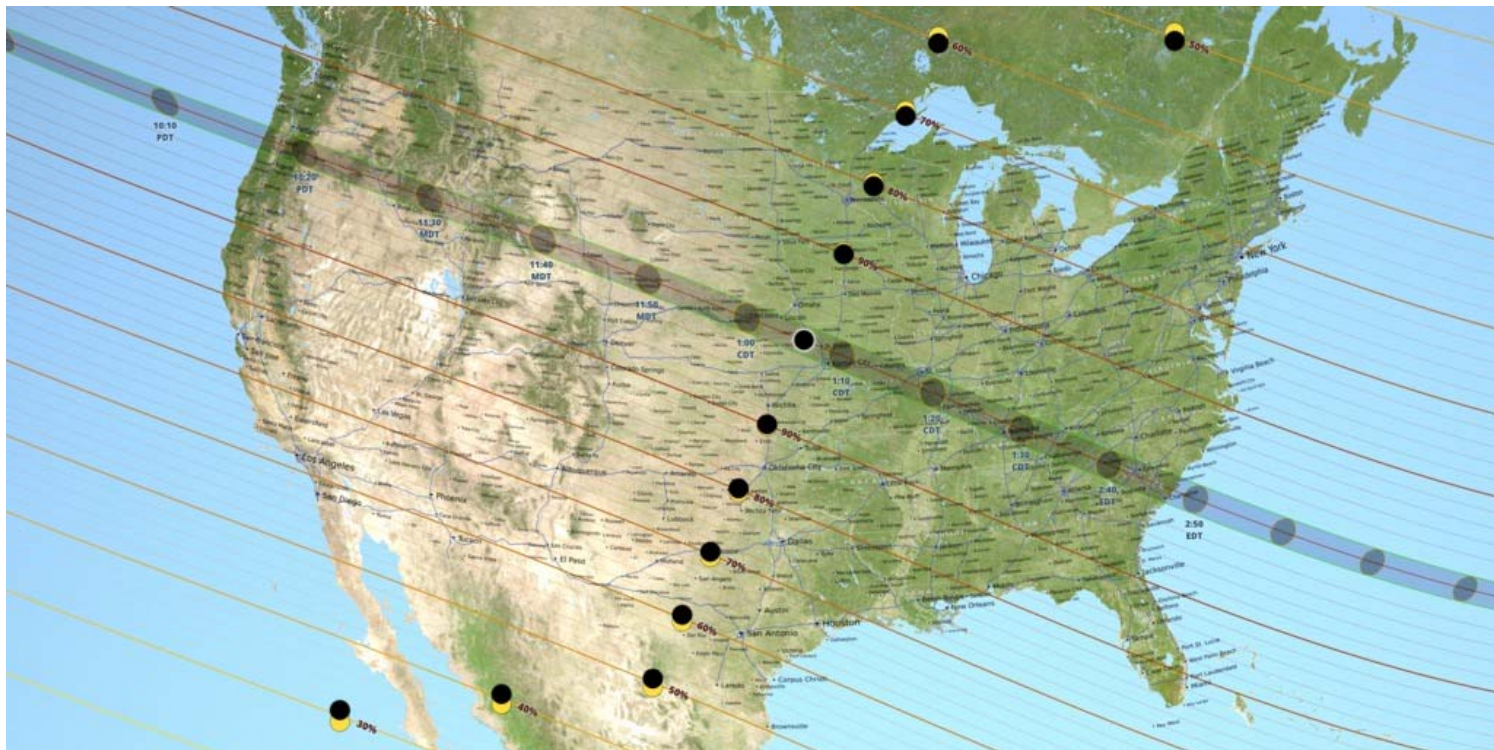
Great site about the eclipse and another place to send loggings you may get during the eclipse.

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

Solar Eclipse – August 21

A total eclipse of the sun will be visible in the United States on Monday, August 21. The path of the total eclipse will first reach land in Oregon's Pacific Coast around 10:15 a.m. local time (1315 EDT or 1715 UTC) and will progress southeast through Salem OR, Casper WY, Lincoln NE, Kansas City KS-MO, Nashville TN, Columbia SC, and Charleston SC, passing into the Atlantic around 2:50 p.m. local time (1450 EDT or 1850 UTC).



Resources:

HamSCI project: <http://www.hamsci.org/basic-project/2017-total-solar-eclipse>

Sky and Telescope article, focusing on AM radio effects:

<http://www.skyandtelescope.com/2017-total-solar-eclipse/how-to-hear-the-solar-eclipse/>

Nuts and Volts article on ham radio and eclipse:

<http://www.nutsvolts.com/magazine/article/the-solar-eclipse-and-ham-radio>

Space Magazine: how to view the eclipse safely:

<https://www.space.com/33797-total-solar-eclipse-2017-guide.html>

NASA official site: <https://eclipse.gsfc.nasa.gov/solar.html>

NOAA Space Weather Outlook

Issued July 17, 2017 – For the period July 17-August 12, 2017

Now at <http://www.swpc.noaa.gov/products/weekly-highlights-and-27-day-forecast>

Solar activity is expected to be at very low levels throughout the outlook period.

Solar activity is expected to be low with a chance for M-class flare activity (R1-R2 / Minor-Moderate) through 19 Jul when Region 2665 exits the visible disk. Very low to low levels are expected from 20-28 Jul. A chance for R1-R2 activity is possible with the return of old Region 2665 from 29 Jul - 12 Aug.

There is a chance for an S1 (Minor) solar radiation storm through 19 Jul due to potential significant flare activity from Region 2665. No proton events are expected from 20-28 Jul. A chance for S1 (Minor) solar radiation storms is possible with the return of old Region 2665 from 29 Jul - 12 Aug.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be reach high levels on 19-20 Jul due to influence from the 14 Jul CME. Normal to moderate levels are expected for the remainder of the outlook period.

Geomagnetic field activity is expected to be at G1-G2 (Minor-Moderate) geomagnetic storm levels on 17 Jul due to continued CME effects. Unsettled to active levels are expected on 21-22 Jul and again on 05-06 Aug, with G1 (Minor) geomagnetic storm levels likely on 05 Aug, due to positive polarity CH HSS influence. Quiet to unsettled levels are expected for the remainder of the outlook period.

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