

DX News

Serving DXers since 1933



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NRC AM Log #40 Accepting Pre-Orders!

Here's the latest news from Wayne:

"As everyone is aware, we've tried to keep the price of the *Log* down over the years so that it would be affordable. Unfortunately, the 40th edition will be a little pricier than in the past.

"There are two factors in play. A few years back we added some features. We started adding cross references for translators and as more and more simulcasts expanded to three or more stations our "Groups" lists expanded. Back in the 37th edition, Terry Krueger suggested a "By State" cross-reference which made it easier for DXers to set up lists of targeted stations. All these additions over time increased the amount of pages and the printing costs.

"This past year the USPS handed us another rate increase to Priority Shipping. While the old book rate was cheaper, we were faced with poor service, damaged books and, if we wanted reimbursement for these items, we would have to buy insurance, which negated the savings. Priority shipping saves us in the long run as delivery is 2-3 days, not 8-10 days, and reliability is guaranteed with \$50 in insurance included in the cost. In January 2019, Priority Mail increased 65¢ from \$6.70 to \$7.35! We absorbed that until the end of the run for the 39th Edition but it would be unsustainable moving forward. I don't have to mention anything to our foreign customers. Every year the USPS has raised the Global Priority rates for Overseas and Canada.

"This year the US Member Price rises to \$28.95. Non Members in the USA is now \$35.95. Orders from Canada are US\$41.15 and Overseas orders are US\$52.65. These same rates will apply as well to the 8th edition of the Antenna Pattern Book.

"You may pre order the 40th edition at www.nationalradioclub.org using Pay Pal or by snail mail check or money order to NRC HQ, PO Box 473251, Aurora CO 80047-3251."

Madison-Milwaukee 2019 Get-Together:

From Tim Noonan: "The Madison-Milwaukee Get-Together returns to Oak Creek, Wisconsin this year, on Saturday, August 17. This 26th annual event will be held at our home at 801 E Park Blvd, the same as in recent odd-numbered

years." For more information e-mail Tim at DXing2@aol.com or call 414 813-7373.

2019 IRCA Convention: The 2019 IRCA Convention will be held on September 5, 6, and 7 at the Courtyard by Marriott Seattle Southcenter, 400 Andover Park West, Tukwila WA 98188. Registration is free to IRCA members, \$25 to non-members. Phone number(s) for room reservations are 800-321-2211 or 206-575-2500. You must mention International Radio Club of America Convention to get this rate. For more info: Mike Sanburn: mikesanburn@hotmail.com.

Membership Report

"Although I haven't DXed BCB since the mid-60s, when I got back in the listening hobby last December -- after a 30+ year absence -- I rejoined all the radio clubs I was once a member of. I was happy to find NRC was still in business. Unfortunately, SW clubs like SPEEDX are long gone. Despite not listening to AM, I read *DXN* from cover-to-cover. It's nice to see names that have been in the radio hobby as long as I have. Sadly, the list of names gets shorter each year. Thank you and members of the BOD and column editors for dedication to NRC and the hobby." – Terry Colgan WD5GWC. (Terry was listed as new back in March and sent this follow-up to HQ. Thanks for the kind words! wwh)

"Thank you and keep up the good work." – Stan Greenwood.

New Member: Welcome to Bob Rickelman, Gordon Lee, Del City, OK.

Rejoining Member: Welcome back to Philip Boersma, Spring Lake, MI.

Renewing Members: Thanks for the ongoing support of Samuel T. Brainerd; William Bowers; Francesco Clemente; Mike Cooper; Michael J. De Roo; Billy Echols; Kenneth Eddy; Barry S. Finkel; Dave Freeman; Stan Greenwood; William R. Hale; Russell A. Lay; John Mosman; Walter Nissen; Albert V. Prete; Andy Ross; O.J. Sagdahl; Rickey Singleton; Lexington Smith; and John R. Wallace.

Volume 86 DX News Schedule

No	D'dline	Print	No	D'dline	Print
19	Aug. 11	Aug. 20	20	Sept. 8	Sept. 17

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, amlog@nationalradioclub.org

FCC and CRTC Decisions and Applications

CALL CHANGES

- 630 WMAL DC Washington – Call change to WSBN (July 1).
- 760 KDSP CO Thornton – Call change to KDFD (June 25).
- 790 WVWK TN Ashland City – Call change to WBWR (June 26).
- 1140 WURF FL Orlando – Call change to WURB (June 19).
- 1160 WIWA FL St. Cloud – Call change to WRLZ (July 3).
- 1270 WRLZ FL Eatonville – Call change to WIWA (July 3).
- 1290 KJEF LA Jennings – Call change to KKRC (June 28).
- 1430 WGFS GA Covington – Call change to WYKG (June 20).



STATIONS GOING DARK (OR NOT)

Licenses cancelled, calls deleted:

- 1380 KBXN OR Ontario – License voluntarily surrendered by licensee Apr. 4.
- 1590 WAIK IL Galesburg – License voluntarily surrendered by licensee Feb. 5.

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs fully licensed and on the air:

- 1480 WGFY NC Charlotte – CP for U4 12000/5000 is on the air.
- 1500 WMNT PR Manati – CP for U1 1200/290, new site (18-26-01/66-28-39) is on the air.

CPs built, awaiting final licensing:

- 1010 KIQI CA San Francisco – Applies for license to cover CP for U4 10000/10000.
- 1330 KKOL WA Seattle – Applies for license to cover CP for U4 50000/3200 from new site (47-39-19/122-31-06).
- 1500 KHKA HI Honolulu – Applies for license to cover CP for new tower at 21-20-06/157-53-37 and applies for program test authority.

CPs granted:

- 567 KGUM GU Agaña – Granted CP for new tower, 13-23-28 N/144-45-42 E.
- 910 WLTP OH Marietta – Granted CP for U4 5000/13, consolidating at current day site.
- 1200 WAXA FL Pine Island Center – Granted CP for U4 750/750.
- 1520 WTHE NY Mineola – Granted CP for D1 1000 (ch 278), new site 40-41-06/73-36-36.

Modification to previously granted CP granted:

- 1510 KGA WA Spokane – Has CP for U2 50000/6000 (ch 45000), granted modification of CP to U1 50000/540 (ch 45000).

Applications for CP filed:

- 770 WEW MO St. Louis – Applies for CP for U4 10000/200, new site 38-38-33/90-01-50; replacing previous CP for the same which has expired.
- 1110 WVJP PR Caguas – Applies for CP to rebuild tower lost in Hurricane Maria.
- 1240 KELK NV Elko – Applies for CP to move to old KTSN-1340 tower at 40-51-56/115-43-10, remaining U1 1000/1000.
- 1340 WTYS FL Marianna – Applies for CP for U1 780/780, reduced tower height, corrected coordinates 30-45-48/85-13-52.
- 1370 WLTH IN Gary – Applies for CP for U1 1000/9, consolidating operations at day site.
- 1400 WLLH MA Lowell – Applies for CP to move to existing synchronous site at Lawrence MA with U1 1000/1000, eliminating main site at Lowell; CoL to Lawrence.
- 1440 KPUR TX Amarillo – Applies for CP for U2 1000/1000, reducing day power.
- 1490 KPCQ ID Chubbuck – Applies for CP for U1 750/1000, moving to current (not CP) tower of KPTO-1440 at 42-56-43/112-24-57.

- 1510 WCAZ IL **Macomb** – Applies for CP for D1 335, CoL to Carthage IL, new site 40-24-31/91-10-12,
 1570 WHTX OH **Warren** – Applies for CP for U1 370/170.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 590 KSSK HI **Honolulu** – Granted STA, U1 1000/1000, 379' LW at 21-18-51/157-52-14 during CP work on licensed tower.
 830 KHVH HI **Honolulu** – Granted STA, U1 1000/1000, 254' LW at 21-18-35/157-53-17 during CP work on licensed tower.
 930 WKBM IL **Sandwich** – Granted STA, U4 2500/730, day pattern 24 hours; can't switch patterns.
 KROE WY **Sheridan** – Granted STA, U1 500/135, from old KYWO-1410 tower; has also applied for a CP to make this a permanent auxiliary facility.
 940 WXNK WI **Shell Lake** – Granted STA, D1 50, damage to towers from utility brush clearing accident.
 980 WONE OH **Dayton** – Granted STA, minor parameters at variance.
 990 KIKI HI **Honolulu** – Granted STA, U1 1000/1000, 254' LW at 21-18-35/157-53-17 during CP work on licensed tower.
 1080 KWAI HI **Honolulu** – Granted STA, U1 200/200, silent station needs to broadcast.
 1110 WVJP PR **Caguas** – Granted STA to use temporary (shorter) replacement tower, going back to licensed U1 2500/500; original tower lost in Hurricane Maria.
 1160 WCXI MI **Fenton** – Granted STA, U1 250/250 from CP site; main transmitter at licensed site has failed.
 1270 WIWA FL **Eatonville** – Granted STA, U1 6250/1250, can't switch patterns.
 1280 WODT LA **New Orleans** – Granted STA, parameters at variance or U1 1250/1250; pattern failure.
 1300 WMVO OH **Mount Vernon** – Granted STA, reduced power (using U4 102/13), failure of antenna monitor.
 1310 WNAE PA **Warren** – Granted STA, reduced day power (using U1 1000/94), transmitter problems.
 1410 KWYO WY **Sheridan** – Granted STA, U1 500/350 from old tower at 44-46-15/106-55-39.
 1480 WPWC VA **Dumfries-Triangle** – Granted STA, U1 1250/125, two towers have collapsed.
 1500 WQMS MS **Quitman** – Granted STA, D1 100, 164' LW at 32-02-22/88-43-49; has lost licensed site and needs to resume broadcasting.

Application for STA filed:

- 1300 KKOL WA **Seattle** – Applies for STA to use CP parameters and site.

Extensions to existing STAs granted:

- 730 KDAZ NM **Albuquerque** – Granted STA extension, D1 250.
 790 WJRB WA **Spokane** – Granted STA extension, night parameters at variance.
 810 WRSO FL **Orlovista** – Granted STA extension, U1 5000/100.
 WKVM PR **San Juan** – Granted STA extension, parameters at variance.
 820 WWFD MD **Frederick** – Granted STA extension, digital-only operation.
 870 WQBS PR **San Juan** – Granted STA extension, U1 1250/1250.
 910 WRKL NY **New City** – Granted STA extension, U1 250/200.
 940 WMIX IL **Mount Vernon** – Granted extension, U4 5000/20, licensed day site/pattern.
 1130 WRRL WV **Rainelle** – Granted STA extens., D1 100, ISO-400HP whip, 37-58-09/80-46-44.
 1240 KRAL WY **Rawlins** – Granted STA extension, U1 50/50, LW at 41-47-04/107-15-47.
 1260 WCHV VA **Charlottesville** – Granted STA extension, U1 1250/625.
 1270 KZTQ NV **Sparks** – Granted STA extension, night parameters at variance.
 1410 WHBT FL **Tallahassee** – Granted STA extension, D1 30, 165' LW at 30-27-47/84-21-28.
 1420 KUJ WA **Walla Walla** – Granted STA extension, reduced day power (unspecified).
 1440 WPRD FL **Winter Park** – Granted STA extension, U1 5000/250.
 KPUR TX **Amarillo** – Granted STA extension, reduced day power (unspecified).
 1480 WVOI FL **Marco Island** – Granted STA extension, U1 250/250.
 1510 KGA WA **Spokane** – Granted STA extension, U4 50000/14000 (ch 45000).
 1550 WRHC FL **Coral Gables** – Granted STA extension, U1 1800/125 from CP site.
 KKOVA WA **Vancouver** – Granted STA extension, U2 8000/8000.
 1590 WSMN NH **Nashua** – Granted STA extension, U1 770/58, from WGHM-900 tower.

Applications to extend existing STAs filed:

560	WNSR	TN	Brentwood	– Applies for STA extension, U1 1125/75 from licensed night site.
590	KUGN	OR	Eugene	– Applies for STA extension, U4 1400/5000, night pattern 24 hours.
620	WDAE	FL	St. Petersburg	– Applies for STA extension, U2 11200/11000, Cuban QRM.
640	WMEN	FL	Royal Palm Beach	– Applies for STA extension, U4 25000/4500, Cuban QRM.
730	WMNA	VA	Gretna	– Applies for STA extension, U1 250/7.
790	WAXY	FL	South Miami	– Applies for STA extension, U4 25000/25000, Cuban QRM.
940	WINZ	FL	Miami	– Applies for STA extension, U2 50000/25000.
1230	WDWR	FL	Pensacola	– Applies for STA extension, U1 250/250, 145' LW at licensed site.
1240	KLOA	CA	Ridgecrest	– Applies for STA extension, U1 205/205.
1260	WRIE	PA	Erie	– Applies for STA extension, parameters at variance.
1280	KFRN	CA	Long Beach	– Applies for STA extension, parameters at variance.
1320	KNIT	UT	Salt Lake City	– Applies for STA extension, U1 500/500, 40-39-57/111-54-26.
1450	KHIT	NV	Reno	– Applies for STA extension, reduced power (unspecified).
1460	WKHZ	MD	Easton	– Applies for STA extension, parameters at variance.
1540	WYCL	OH	Niles	– Applies for STA extension, D1 125.
1570	WHTX	OH	Warren	– Applies for STA extension, U1 125/29.
	WKHJ	PA	Latrobe	– Applies for STA extension, reduced day power (unspecified).
1580	WVZN	PA	Columbia	– Applies for STA extension, U1 500/50, 30' LW at licensed site.
	WPJK	SC	Orangeburg	– Applies for STA extension, D1 500 from CP tower.

SILENT STATIONS

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

950	KFSA	AR	Fort Smith	– Silent May 26; on the air June 13.
1030	WNOW	NC	Mint Hill	– Silent Apr. 16; on the air June 17.
1040	KGGR	TX	Dallas	– Silent Feb. 1; on the air May 20.
1080	KWAI	HI	Honolulu	– Silent June 26, 2018; on the air June 25 with STA.
1310	KIQQ	CA	Barstow	– Silent June 19, 2018; on the air June 17 with STA.
1350	WOAM	IL	Peoria	– Silent July 25, 2018; on the air June 13 with STA.
1440	KTUV	AR	Little Rock	– Silent May 28; on the air June 17.

Stations informing the FCC that they are silent:

790	WLBE	FL	Leesburg-Eustis	– Silent June 19, financial difficulties.
880	WAMI	AL	Opp	– Silent July 4; damage from lightning strike.
900	WABY	NY	Watervliet	– Silent June 26, pending sale.
1270	WMLC	MS	Monticello	– Silent June 6, transmitter damage from lightning strike.
1320	WTOW	NC	Washington	– Silent July 10, failure in antenna tuning unit.
1350	WCBA	NY	Corning	– Silent June 21, financial reasons.
	KCOX	TX	Jasper	– Silent July 1, lack of staffing.
1440	KPTO	ID	Pocatello	– Silent May 17 to prepare for move to Hailey, ID as per CP.
1460	WXRQ	TN	Mount Pleasant	– Silent July 1, has lost transmitter site.
1550	KNSH	TX	Canyon	– Silent June 12, transmitter failure.

COORDINATE CORRECTION

1490	WIKE	VT	Newport	– Applies for CP to correct coordinates to 44-56-20/72-13-20.
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NRC AM Log Updates

This will be the last NRC Log update for the AM Switch Column until after the 40th edition of the Log goes to press. We won't be issuing interim reports while the files are being updated – 73 Wayne

620	WDAE	FL	Saint Petersburg	– Adds // W244BE-96.7; delete // W237CW-95.3. (TK)
660	WAMO	PA	Wilkesburg	– Format to UC:AC (ex-UC); Group to Grp= 107.3 The Beat.
710	WEGG	NC	Rose Hill	– Format to C&W (ex-UC:OLD Reported Silent); slogan to "Kix-FM."
730	WDOS	NY	Oneonta	– Group to Grp= Fox Sports NY.
	WMNA	VA	Gretna	– Networks to CS/Jr; Group to Grp= CBS Sports in VA (ex-Grp= ESPN in VA).
760	KDFD	CO	Thornton	– Format to Stunting (ex-SPT); delete slogan and networks.
820	WWBA	FL	Largo	– Format to C&W (ex-NWS/TLK); delete networks; Group to Grp= WWBA Group. (TK)
840	KTIC	NE	West Point	– Slogan & Group to Grp= Classic Country 98.3. (FCC)

- 890 WYAM AL **Hartselle** – Adds // W234AD-96.5. (FCC)
- 940 WCPC MS **Houston** – Adds // W289CJ-105.7. (FCC)
- WCIT OH **Lima** – Format to C&W (ex-SPT); slogan to "98.5 The Legend," adds // W253CM-98.5; delete networks.
- 970 WCHN NY **Norwich** – Group to Grp= Fox Sports NY.
- WDNT TN **Spring City** – Format to CLR (ex-C&W); slogan to "The Eagle 101.1."
- 980 KCAB AR **Dardanelle** – Adds // K246CT-97.1; delete // K246BY-97.1. (FCC)
- WTEM DC **Washington** – Networks to FSR/ESPN.
- 990 KATD CA **Pittsburg** – Slogan to "San Francisco's Spanish Radio."
- 1010 KCHJ CA **Delano** – Format to SS:Ranchera (ex-SS:OLD); delete // KCHJ-FM-92.1.
- KIQI CA **San Francisco** – Slogan to "San Francisco's Spanish Radio."
- WHFS FL **Seffner** – Slogan & Group to Grp= Money Talk 1010. (TK)
- 1030 WYCZ TN **White Bluff** – Format to C&W (ex-GOS); slogan to "YoCo 96.7."
- 1080 WWDR NC **Murfreesboro** – Format to SPT (ex-UC:OLD/GOS); slogan to "Sports Radio 1400," adds // WSMY-1400; networks to CS.
- 1150 WHUN PA **Huntingdon** – Group to Grp= WOWY-FM (ex-Grp= Hunny 103.5 & 97.7).
- 1160 WRLZ FL **Saint Cloud** – Format to REL (ex-SS:TLK/REL); slogan to "The Shepard."
- WSSV NY **Mechanicville** – Adds // W227DW-93.3; delete // W291BY-106.1.
- 1170 WCTF CT **Vernon** – Adds // W282AD-104.3. (FCC)
- WKFL FL **Bushnell** – Format to OLD (ex-C&W); slogan & Group to Grp= Boss Hog Radio; networks to C. (TK)
- 1200 KPSF CA **Cathedral City** – Format to REL (ex-BIZ/TLK); slogan to "Pure Radio," networks to SRN.
- 1210 KEVT AZ **Sahuarita** – Format to SS:MEX (ex-C&W); delete slogan, // KAVV-97.7. (CD)
- 1230 KTRF MN **Thief River Falls** – Adds // K227DF-93.3. (FCC)
- WCRO PA **Johnstown** – Format to AC/EZL (ex-NOS); networks to C/WW1.
- KVOC WY **Casper** – Adds // K240EW-95.9. (FCC)
- 1240 WGMN VA **Roanoke** – Format to TLK (ex-SPT); Group to Grp= Talk Radio for Roanoke (ex-Grp= ESPN in VA); delete networks.
- 1270 WIWA FL **Eatonville** – Format to REL (ex-SS:TLK/REL); slogan to "The Shepard."
- WTLY FL **Tallahassee** – Format to UC:HipHop (ex-UC); slogan to "Throwback 96.5."
- 1280 WRHA TN **Dayton** – Format to C&W (ex-CLR); slogan to "River Country 97.1."
- 1320 WVGM VA **Lynchburg** – Networks to CS/Jr; Group to Grp= CBS Sports in VA (ex-Grp= ESPN in VA).
- 1330 WWAB FL **Lakeland** – Format to OLD (ex-UC:GOS); slogan & Group to Grp= Boss Hog Radio; networks to C. (TK)
- 1340 KGGG KS **Garden City** – Format to CLR (ex-SPT); delete slogan and networks.
- WTRN PA **Tyrone** – Slogan & Group to Grp= Easy Favorites 96.9/100.7 (ex-Grp= Hometown Radio).
- 1350 WBML GA **Warner Robins** – Slogan & Group to Grp= Middle Georgia's New Inspiration Station (ex-Grp= Praise 95.5).
- KABQ NM **Albuquerque** – Slogan to "iHeartPodcast 1350," delete networks.
- WBLT VA **Bedford** – Format to TLK (ex-SPT); Group to Grp= Talk Radio for Roanoke (ex-Grp= ESPN in VA), delete networks.
- 1360 WHNR FL **Cypress Gardens** – Format to OLD (ex-C&W); slogan & Group to Grp= Boss Hog Radio, networks to C. (TK)
- 1390 WMER MS **Meridian** – Slogan to "Your Home Town Good News Radio Station." (TK)
- 1400 KBLJ CO **La Junta** – Format to NWS/TLK (ex-CLR); slogan to "News Talk 1400," networks to A/SRN/DR/LCL.
- WSMY NC **Weldon** – Slogan to "Sports Radio 1400," adds // WWDR-1080.
- 1420 KPOC AR **Pocahontas** – Format to C&W (ex-AC); slogan to "Max Country."
- 1430 WNFO SC **Sun City-Hilton Head** – Slogan to "1430 Ke Buena."
- 1440 KETX TX **Livingston** – Format to CLR (ex-SPT); delete slogan, networks to Tx.
- 1450 WOXO ME **South Paris** – Format to AC (ex-C&W); Group to Grp= Maine's Big Z (ex-Grp= 96.9/100.7 The Ox).
- WKLA MI **Ludington** – Slogan to "Superhits 1450 & 92.7 FM," adds // W224CA-92.7; delete Grp= Good Time Oldies.
- WLEC OH **Sandusky** – Adds // W228EN-93.5. (FCC)
- 1460 KKAQ MN **Thief River Falls** – Adds // K253CL-98.5.
- WBOG WI **Tomah** – Adds // W267CO-101.3.
- 1490 KYZS TX **Tyler** – Format to SPT (ex-SS:SPT); slogan to "ESPN East Texas," nets to ESPN.
- 1490 WBKE WV **Fairmont** – Format to CLR (ex-TLK); slogan to "Buzz 98.3."

- 1510 KCKK CO Littleton – Slogan to "The Rock," adds // K225CZ-92.9; delete Group.
 1540 KLKC KS Parsons – Adds // K294DE-106.7. (FCC)
 1560 KEBC OK Del City – Adds // K277DD-103.3. (FCC)
 1570 WUBG MA Methuen – Format to CCR (ex-CLR); slogan to "K-Love," delete networks.
 1590 KDJS MN Willmar – Adds // K289CO-105.7.
 1680 WPRR MI Ada – Format to TLK/UC:AC (ex-TLK); networks to Pac/WW1.

New Groups

- Grp= CBS Sports in VA – WMNA-730, WVGGM-1320, W227BG-93.3
 Grp= Classic Country 98.3 – KTIC-840, K252EG-98.3, K254CX-98.7 (FCC)
 Grp= Fox Sports NY – WDOS-730, WDLA-1270, WCHN-970
 Grp= Money Talk 1010 – WHFS-1010, W276CX-103.1, W275AZ-102.9, W221DW-92.1 (TK)
 Grp= Talk Radio for Roanoke – WGMN-1240, W270CU-101.9, WBLT-1350

Group Name Changes

- Grp= Hometown Radio becomes Grp= Easy Favorites 96.9/100.7
 Grp= Hunny 103.5 & 97.7 becomes WOWY-FM
 Grp= NewsTalk Florida becomes Grp= WWBA Group (TK)
 Grp= Praise 95.5 Becomes Grp= Middle Georgia's New Inspiration Station
 Grp= Whamo-100 becomes 107.3 The Beat
 Grp= WOXO Country becomes Maine's Big Z

Group Changes

- Grp= The Information Station adds WYPV-94.5 Mackinaw City (GH)
 Grp= La Poderosa adds W237FF-95.3 San Juan
 Grp= NewsRadio 1100 adds K246CC-97.1 Delta
 Grp= WAKY FM adds W292FS-106.3 Louisville
 Grp= WOWY-FM adds WOWY-97.1 University Park

Revised Group

- Grp= Tampa Bay's News Radio - WFLA-970, W290BJ-105.9, W256CT-99.1, W233AV-94.5 (TK)

Deleted Groups

- Grp= 93.7 The Rock; Grp= Good Time Oldies; Grp= ESPN in VA



From *Radio Insight*:

Univision will rebrand its multi-platform Spanish Sports Univision Deportes as TUDN on Saturday, July 20. Standing for "Tú Deportes Network" or "Your Sports Network", the rebranding follows a partnership with Grupo Televisa to expand the platform into Mexico. The move will also affect the company's Univision Deportes Radio network whose programming is heard on Univision AMs in New York, Los Angeles, Chicago, Dallas, Houston, and McAllen as well as on SiriusXM's streaming app. With the upcoming demise of the competing ESPN Deportes Radio, the network could be in line to add some additional affiliates.

Thanks to Shawn Axelrod, Bill Hale, FCC Database (FCC), Terry Krueger (TK), Glenn Hauser (GH), and Carl "Skip" Dablestein (CD).

GRAVEYARD DX UPDATE

Tim Hall, 1244 Crystal Springs Dr., Chula Vista CA 91915-2123
 TimHall1@gmail.com

<u>DXer</u>	<u>DX Location</u>	<u>1230</u>	<u>1240</u>	<u>1340</u>	<u>1400</u>	<u>1450</u>	<u>1490</u>	<u>Total</u>
Paul Thomas	(mostly) Proctorville OH	23	37	37	36	53	41	227

Welcome to Paul Thomas, who recently rejoined NRC after a 60-year absence! Paul's loggings are from the "good old days," 1948-1958. His initial submissions are based on a review of his verie collection, and are enough to put him in the top 20 on the GYDX totals list. 73 Tim

Domestic DX Digest – West

Bill Hale, 6124 Roaring Springs Drive, North Richland Hills TX 76180-5552

w_r_hale@sbcglobal.net

Loggings of U.S. and Canadian stations by DXers in the Central, Mountain, Pacific, Alaska, and Hawaii-Aleutian time zones – All times are Eastern Local Time (ELT)

PLEASE SUBMIT ALL REPORTS IN THE FORMAT SEEN BELOW

Please submit all reports in the format seen below. Send either within an email, or as an attachment in plain text or RTF. No Excel, Word or PDF documents, please. All times are Eastern Local Time (ELT)!! Your cooperation is much appreciated. Reports older than 30 days will be excluded at the editor's discretion.

Upcoming deadlines for Issues 19 and 20: Thursdays, August 19 and September 5, respectively.

REPORTERS

NB-WI Neil Bartlett Mt. Horeb, Wisconsin Sony ICF SW-7600GR barefoot
JW-CO John Wilkins Wheat Ridge, Colorado Drake R-8, 4-foot box loop

We want your tips!
Money? NO!
DX Loggings!!



DX LOGGINGS

- 550 KCRS TX Midland – 6/26 0659 – Guy with legal ID: “News Talk KCRS Midland- Odessa, locally owned, an ICA broadcasting station”. Fox News was up next. Fair, with KLZ-560 IBOC mostly nulled. (JW-CO)
- 980 KFWB CA Los Angeles – 7/9 0709 – “Laboratorios Camacho” program in Spanish in progress. This vitamin-peddling program has been around for at least three decades. Presumed, as KFWB runs this program at this time. Fair peaks, in the QRM. (JW-CO)
- 1080 WNWI IL Oak Lawn – 6/27 0300 – “You're listening to WNWI”, then into foreign language song; sounded like SS. (NB-WI)
- 1140 KXRB SD Sioux Falls – 6/27 0250-0254 – Good, with “old” country music and ID with mention of 100.1 FM. (NB-WI) [That “old” country music is now commonly referred to as “Classic Country”, hi – Ed.]
- 1290 KOWB WY Laramie – 6/19 0835 – Ad for 'Flaming Gorge Days' in Green River; another tourism ad for 'Carbon County', listing upcoming rodeos, concerts, etc., then back to Glenn Woods (local talk). Fair-to-good. (JW-CO)
- 1330 KGAK NM Gallup – 6/18 0804 – Navajo announcements, into chanting/drumming sequence at 0810; ad for 'Sky City Casino', then more announcements. Fair-to-good, but fadey. (JW-CO)
- 1330 KOVE WY Lander – 6/18 1136 – Local ads; call letter ID and C&W music. Fair. (JW-CO)

Unreported Domestic Stations

One station – WJSB-1050 – was reported to DDXD this issue for the first time since at least Volume 67 (1999-2000). We are now down to 350 stations on the list of currently active, full service AM stations in the United States and Canada that have not been reported in that time. The full unreported list was last printed in issue 85-19 (and we'll print an updated one soon). Can you hear and report one next time, and get us down below 350?



Domestic DX Digest – East

Mike Brooker, 99 Wychrest Avenue, Toronto ON M6G 3X8 (Canada)

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Loggings of U.S. and Canadian stations by DXers in the Eastern & Atlantic time zones

All times are Eastern Local Time (ELT)

REPORTERS

- HJH-PA** Harry Hayes, Wilkes-Barre – Grundig S350, C Crane Skywave, ALA-1530 loop, Kiwa Pocket Loop.
- KK-VA** Kraig Krist, Manassas – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop
- TLK-FL** Terry Krueger, Clearwater – NRD-535, IC-R75, active loop
- PS-ON** Paul Snider, London – Elad FDM-S2, Pixel Pro 1B loop, MFJ-1020C tuner
- JW-PA** Jim Weber, Oyster Point – Grundig S350
- MKB-NY** Mike Brooker, Brooklyn (Coney Island) – XHDATA D-808
- MKB-ON** Mike Brooker, Toronto – Grundig YB-400PE, XHDATA D-808, Sony SRF-39FP, C Crane Skywave, Panasonic RF-2200

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TIS/HAR

- 550 **WQTS628** NJ **Rahway** – 7/5 1410 – Good with usual TIS/HAR automated traffic announcements, as well as Ad Council don't drink and drive PSAs. (MKB-NY)
- 1670 **WQWC946** PA **West Grove** – 6/6 2058 – Mixing with WMGE, singing and a baseball game. HAR, female "Welcome to Avon 16-70...". (KK-VA)
- 1680 **WQOQ596** VA **Gloucester** (or **Yorktown**) – 6/6 1958 – Mixing with WTTM, WQOQ385 and singing/religious talk (probably WOKB), male "This is WQOQ596...". Two antenna locations. I didn't hear any position definitive location so unsure if the Gloucester or Yorktown antenna. (KK-VA)

LOGGINGS

- 560 **WGAI** NC **Elizabeth City** – 6/14 2130 – Mixing with WJLS (with West Virginia Miners baseball game), UNID singing, religious talk, oldies and CBS Sports stations, station promo: "You found the best mix of new and classic Gospel. Gregory Gospel.com. Email us here at gregorygospel56@yahoo.com". (KK-VA)
- WFIL** PA **Philadelphia** – 7/5 1457 – Over WMCA-570 slop with gospel show, wfil.com promo. (MKB-NY)
- 630 **WBMQ** GA **Savannah** – 6/22 2159 – In multi-station mix with male: "Your home for... football on Savannah's WBMQ". Different male: "News talk 6-30 WBMQ" ID. (KK-VA)
- WMFD** NC **Wilmington** – 6/22 2157 – In multi-station mix (WMAL, WBMQ, UNID singing and Cuban R. Reloj) with "ESPN Wilmington is now live at espnwilmington.com" station promo. (KK-VA)
- 640 **WWJZ** NJ **Mount Holly** – 7/5 1500 – Good with "Relevant Radio 640 WWJZ Mount Holly-Philadelphia" ToH ID. (MKB-NY)
- 790 **WVCD** SC **Bamberg-Denmark** – 7/14 0043 – Urban oldies including "I Call Your Name" by Switch, Autism PSA, Voorhees College promo, "You are listening to...WVCD..." at 0049, more music. Fair to very poor // to stream on voorhees.edu. (PS-ON)
- 800 **WTMR** NJ **Camden** – 7/5 1445 – Fair-good with "Marian Magic" program, "Station of the Cross" slogan. Did they flip from Protestant gospel to Catholic EWTN? (MKB-NY)
- 860 **WWDB** PA **Philadelphia** – 7/5 1441 – Fair with "Talk 860" slogan, talking about lower prescription drug prices in Canada. (MKB-NY)
- 880 **WMDB** TN **Nashville** – 7/14 0010 – Spanish language music, "La Ranchera" slogan by male announcer at 0011, more music. Fair at times almost over WCBS to poor. // to Tune In stream. Definitely running day power. (PS-ON)

- 900 WURD PA Philadelphia – 7/5 1431 – Fair signal, presumed with black-focused talk. (MKB-NY)
- 910 WLAT CT New Britain – 7/5 1437 – Fair-poor, presumed with Spanish talk and hot hits. (MKB-NY)
- 920 KDHL MN Faribault – 6/27 0105 – Caught local weather read by female announcer "...for the Mighty 920...", then lost to station mix including CKNX and WMNI. Poor. (PS-ON)
- WNJE NJ Trenton – 7/5 1430 – Fair-good, presumed with sports talk, mostly about Kawhi Leonard. (MKB-NY)
- 930 WLLL VA Lynchburg – 7/7 0054 – Urban gospel, ads at 0100 (Sherwin Williams, O'Reilly Auto Parts), "WLLL" ID at 0102 with mention of Lynchburg, local ads including announcer reading various sale items and Lynchburg mentions. Fair at times to very poor with WBEN, WGAD and WRVC. First time heard at this location. (PS-ON)
- 950 WNTD IL Chicago – 7/14 0103 – Religious talk, multiple Relevant Radio mentions. Poor to very poor under WWJ. (PS-ON)
- WHVW NY Hyde Park – 7/7 2201 – Good signal with "WHVW" jingle. Format is a mix of blues and blusey country. Minor QRM from WKDN. (HJH-PA)
- WKDN PA Philadelphia – 7/5 1354 – Good with "Walk with the King" Family Radio program, // WFME-1560. (MKB-NY)
- 990 WNTY CT Southington – 6/27 0403 – IDs at this time and 0408 with "Kool Radio" slogan and AM and FM frequencies. Then, "Taking Care of Business" by BTO and more Kool Radio IDs. A decent logging if 80 watt night power. (JW-PA)
- 1050 WJSB FL Crestview – 7/11 1038 – C&W and annoying hybrid Country rap, canned female "WAAZ-FM, The Good Country." D1, 3100 watts. Indeed simulcast 104.7 MHz. Logged in Crestview. Curious how well this one may get out to those of you well south of me in flat Florida. (TLK-FL)
- 1090 WHGG TN Kingsport – 6/23 0101 – Christian rock, "...97.3 Love FM" slogan at 0105, more music. Fair to very poor with WCAR. // to Tune In stream. (PS-ON)
- 1160 WSSV NY Mechanicsville – 6/28 2236 – ID as "Saratoga Star Radio". Oldies music format. Many others were mixing in. (HJH-PA)
- 1170 WWTR NJ Bridgewater – 7/5 1350 – Fair-poor with South Asian pops, local ads in mix of Hindi and English. (MKB-NY)
- WDEK SC Lexington – 6/27 0040 – On after sunset with "Under the Boardwalk" by the Drifters, "This is music from the 60's, 70's...Jammin Hits, music for grownups" station promo also mentioning 1170 and 97.9 FM at 0043, more music. Poor to very poor under WWVA. // to Tune In stream. (PS-ON)
- 1230 WMPC MI Lapeer – 7/6 0004 – Gospel music, religious talk between every couple of songs, "We're the praise and worship channel" slogan. Poor to very poor in station mix including CBS Sports station (WFAS?), urban gospel station and oldies/music of your life station. // to Tune In stream. (PS-ON)
- 1240 WGBB NY Freeport – 7/3 0416 – Poking through with callsign ID at this time. (JW-PA)
Also presumably heard during my (MKB-NY) Coney Island daytime bandscan. Mike.
- 1270 WQTT OH Marysville – 6/18 0455 – "WQTT Marysville" ID at this time, briefly audible; verified by internet feed with rock guitar music. (JW-PA)
- WLIK TN Newport – 7/1 2357 – "Girls Just Want to Have Fun" by Cyndi Lauper, "Serving...WLIK Newport, 97.9 and 1270, The Smokies Oldies" ID, into news. Poor to very poor under WXYT. // to Simple Radio stream. First time heard at this location. (PS-ON)
- 1280 WGBF IN Evansville – 6/26 2350 – Noted talk show chatter while trying to ID country station (WMCP), heard Coast to Coast after 0000, clear WGBF ID at 0006. Fair to very poor in station mix with WMCP. (PS-ON)
- WMCP TN Columbia – 6/26 2350 – C&W songs, unable to get ToH ID, "1280 WMCP" ID at 0007 after station promo, more music. Fair occasionally to very poor in station mix including WGBF. First time heard at this location. (PS-ON)
- 1320 WBRT KY Bardstown – 6/28 2233 – C&W music, "I'm Already There" by Lonestar, talk about Nathan's hot dog eating contest, more music, national ads (Lowe's, Ford etc.), PSA mentioning Kentucky police, weather with mentions of WBRT. Fair occasionally to very poor with WJAS and CJMR. // to Tune In stream. (PS-ON)
- WRJW MS Picayune – 6/54 0619 – Man "...WRJW 1320..." at tune-in, into C&W vocal, overtaken by WLQY Hollywood, FL in Haitian kreyol babble. (TLK-FL)

- KXYZ TX Houston** – 6/19 0639 – Nonstop slow, soft Vietnamese lounge jazz vocals by same female, parallel station stream. Required fade at top of the hour, but back in at 0702 with male Viet soft vocals, also all by the same singer. **(TLK-FL)**
- 1330 KVOL LA Lafayette** – 6/24 0611 – Man "...97-7, 104-1 Lake Charles, and 1330 everywhere" into unidentified early 60's Oldie rock. Presumed WJNX Spanish vocals co-channel. **(TLK-FL)**
- 1350 WHWH NJ Princeton** – 7/5 1420 – Blasting in with Spanish talk, mentions of 2020 US Census. **(MKB-NY)**
- 1360 WTOC NJ Newton** – 7/5 1425 – Poor, presumed with Spanish gospel talk. **(MKB-NY)**
- 1400 WFLL FL Fort Lauderdale** – 6/26 0540 – Braso-Portuguese man and woman babble, soft Portuguese ballad, mostly dominating the channel. **(TLK-FL)**
- 1410 WHTG NJ Eatontown** – 7/5 1425 – 500 watts blasting in with oldies, "Great Gold 1410" slogan. **(MKB-NY)**
- 1440 WAJR WV Morgantown** – 6/29 2100 – Good signal with slogan, "Your Station for Pirates Baseball in the University City, WAJR Morgantown". **(HJH-PA)**
- 1450 WBSR FL Pensacola** – 6/26 0547 – Bubbled up with "Wow 101.1" promo into contemporary Christian vocal. **(TLK-FL)**
- WPGG NJ Atlantic City** – 7/5 1355 – Fair with local weather "for the WPG listening area". **(MKB-NY)**
- WCTC NJ New Brunswick** – 7/5 1357 – Presumed in null of WPGG with Fox Sports. **(MKB-NY)**
- 1460 WBUC WV Buckhannon** – 6/26 2248 – "Stuck Like Glue" by Sugarland, restaurant/station lunch promo, "The River 93.1" and "True Country The River 93.1" FM-only slogan at 2251, Steve Earle concert promo. Poor to very poor in station mix including WKDV. **(PS-ON)**
- 1490 WGCH CT Greenwich** – 7/5 1409 – Presumed in WBCB null with Wall Street business talk. **(MKB-NY)**
- WBTA NY Batavia** – 6/19 2115 – Over UNID Fox Sports talker with Batavia Muckdogs baseball v. Auburn Doubledays. **(MKB-ON)**
- WBCB PA Levittown** – 7/5 1407 – Dominant with local news and weather "on Magnolia Drive". (per NRC log WBCB's address is 200 Magnolia Dr., Levittown, PA 19054). **(MKB-NY)**
- 1570 WFUR MI Grand Rapids** – 6/26 2210 – Religious music, ID at 2212 "...since...WFUR", into more music. Poor in station mix. **(PS-ON)**
- 1600 WKYI KY Eminence** – 6/25 2220 – On after sunset with C&W music in station mix, caught an ad with 502 area code, "...My 94.1" clearly heard at 2228, into music. Fair briefly to very poor in station mix including WPDC, WAOS and WAAM. **(PS-ON)**
- 1680 WTTM NJ Lindenwold** – 6/6 2000 – Mixing with WQQQ596, WQQQ385 and singing/religious talk (probably WOKB) with ESPN Deportes. Apparently WTTM switched format. **(KK-VA)** *Look for another format change later this year, as ESPN announced they are killing the ESPN Deportes Spanish network. WEPN-1050 in New York will go back to the EE ESPN network. Mike.*

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. Next deadline: **09/06/19 1 PM PLT.** pb

- 1350 KPWK CA, Riverside.** PPC in 12 days for f/up report. V/S illegible. **(JW-CO)**

John Wilkins, Wheat Ridge CO
(JW-CO)



International DX Digest

Bruce Conti, 46 Ridgefield Drive, Nashua NH 03062-1174

contiba@gmail.com

For loggings of stations outside the U.S. and Canada

All times are Universal Coordinated Time (UTC)

TRANS-ATLANTIC DX

- 549 **ALGERIA** *Jil FM*, Sidi Hamadouche JUN 8 0100 – 2+2+1 pips, *Jil FM* ID and jingle, modern Arabic dance club music; fair. JUN 19 0052 – Soft Arabic talk by man, pop vocal. [Connelly-MA]
- 612 **MOROCCO** *SNRT Sebaa-Aioun* JUN 19 0053 – Arabic talk by man; through static. [Connelly-MA]
- 684 **SPAIN** *RNE1 Sevilla* JUL 1 0359 – Poor in 680 WRKO splatter; woman in Spanish, time pips and familiar intro music to news. [Conti-NH]
- 855 **SPAIN** *RNE1 Murcia et al.* JUN 19 0057 – Woman and man in Spanish; some 850 WEEI slop. [Connelly-MA]
- 936 **MOROCCO** *SNRT Agadir* JUN 15 0100 – Arabic pop vocal; fair. [Connelly-MA]
- 1044 **SPAIN** *SER San Sebastián//Valladolid* JUN 20 0300 – Spanish news; to fair peak. [Connelly-MA]
- 1089 **UNITED KINGDOM** *TalkSport* synchros JUN 5 0301 – *TalkSport* discussion; poor to fair. [Connelly-MA] JUL 1 0158 – Poor with synchro echo; telephone talk. [Conti-NH]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros JUN 29 0159 – Poor; "Nothing Ever Happens" by Del Amitri, sounder with ID. [Conti-NH]
- 1512 **SAUDI ARABIA** *SBC R.Quran*, Jeddah JUN 29 0058 – Poor; Koran. [Conti-NH]
- 1530 **SAO TOME** *VOA Pinheira* JUN 5 0259 – VOA sign-on with Yankee Doodle march and announcement "This is the Voice of America, Washington, DC signing on." Generally over WCKY.{A} [Connelly-MA] JUL 1 0259 – Poor, under WCKY; Yankee Doodle sign on. JUL 5 0259 – Under WCKY. JUL 13 0259 – Yankee Doodle under WCKY and unID. [Conti-NH]

PAN-AMERICAN DX

- 550 **COLOMBIA** *HJHF R.Nacional*, Marinilla JUN 9 0300 – Parallel 570 HJND with tropical jazz; to fair peak over WDEV. JUN 20 0100 – Woman "Radio Nacional de Colombia" ID; fair/dominant.{A} [Connelly-MA]
- 570 **COLOMBIA** *HJND R.Nacional*, Bogotá JUN 9 0300 – Parallel 550 HJHF with tropical jazz; mixed with WMCA. Reloj and CFCB under. [Connelly-MA]
- 580 **PUERTO RICO** *WKAQ San Juan* JUN 9 0300 – WKAQ ID; over jumble. JUN 10 0401 – WKAQ cinco ochenta AM San Juan ID, affiliates list; well over WTAG.{A} [Connelly-MA]
- 590 **MEXICO** *XEFD Reynosa, Tamps.* JUN 26 1100 – Couple of local ads (Rio Bravo, Reynosa); heard "La Ley" mentioned but don't think this is their slogan. No ID heard. Barely thru interference. [Wilkins-CO]
- 600 **PUERTO RICO** *WYEL Mayagüez* JUN 10 0400 – Man gave WKAQ network affiliates for San Juan, Ponce, and Mayagüez; over Cuba.{A} [Connelly-MA]
- 610 **BRAZIL** *ZYL268 R.Itatiaia*, Belo Horizonte JUN 12 0050 – *R.Itatiaia* ID in fast talk by man; fair. JUN 15 0101 – Electronic wolf whistle and sweep, "Martian voice" Itatiaia ID; over WIOD, WGIR, others. JUN 20 0100 – Man with excited Portuguese talk, electronic wolf whistle and sweep, high squealy voice robotic Itatiaia ID; dominant.{A} JUN 20 0300 Man in Portuguese; to good peak. [Connelly-MA]
- 610 **MEXICO** *XEGS Guasave, Sin.* JUN 26 1117 – Selections of banda music, punctuated by an occasional "GS" slogan, e.g. "Escuche Chavez Radio GS." Poor under KNML. [Wilkins-CO]
- 630 **PUERTO RICO** *WUNO San Juan* JUN 15 0100 – NotiUno seis treinta ID, cellphone app sound effect; over WPRO. JUN 20 0100 – Affiliates list, NotiUno seis treinta ID; over WPRO and Progreso Cuban.{A} [Connelly-MA]
- 650 **COLOMBIA** *HJKH, RCN Antena Dos*, Bogotá JUN 20 0100 – Man with sports talk about Copa América, then Antena Dos ID; good.{A} [Connelly-MA]
- 650 **MEXICO** *XETNT Los Mochis, Sin.* MAY 25 1131 – ID's as "Radio Sesenta y Cinco" and "Somos Grupo Chavez"; national anthem at 1131, followed by music. Not strong but all alone for a few minutes. [Wilkins-CO]
- 660 **CUBA** *R.Progreso*, Jovellanos JUN 20 0159 – Vocal parallel 640, 650 et al.; under WFAN. [Connelly-MA]

- 690 **COLOMBIA** HJCZ, *W Radio*, Bogotá JUN 20 0101 – "W Radio Colombia" ID in Spanish talk by man and woman; fair.{A} [Connelly-MA]
- 700 **ARGENTINA** LV3 *R.Cordoba*, Cordoba JUN 12 0100 – Tentative; 5+1 pips clear, not so much for other audio. [Connelly-MA]
- 700 **BRAZIL** ZYK686 *Nossa Radio*, São Paulo JUN 15 0100 – Portuguese religious talk; weak. [Connelly-MA]
- 720 **BRAZIL** unID JUN 12 0056 – "Jambalaya" by Creedence Clearwater Revival, man in Portuguese; to fair peak, then faded out. Guaiba or Recife. [Connelly-MA]
- 740 **CUBA** *R.Angulo*, Sagua de Tánamo JUN 10 0401 – End of Cuban anthem, *R.Angulo* ID by woman; over jumble.{A} [Connelly-MA]
- 750 **BRAZIL** unID JUN 20 0057 – Woman in Portuguese, dramatic music; poor. Brasilia or Belo Horizonte. [Connelly-MA]
- 760 **BRAZIL** ZYH588 *R.Uirapuru*, Fortaleza JUN 12 0045 – Man and woman with Portuguese religious talk; fair. 0100 *R.Uirapuru*, Fortaleza ID in Portuguese talk by man; over WJR.{A} [Connelly-MA]
- 760 **COLOMBIA** HJAJ, RCN, Barranquilla JUN 15 0100 – Sporting event coverage; over Brazil, WORA. [Connelly-MA]
- 770 **COLOMBIA** HJXX, RCN, Bogotá JUN 15 0100 – Talk parallel 760 HJAJ; under WABC. JUN 20 0103 – Fast Spanish sports talk; over WABC. [Connelly-MA]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk JUN 9 0100 – Woman with "Radio Transmundial, desde Bonaire, isla holandesa" ID; over CJAD. JUN 12 0101 – Preaching by man in Spanish; to good peak. JUN 15 0100 – Radio Transmundial ID by woman, religious talk by man; good. JUN 16 0200 – Man in Spanish with Radio Transmundial and Bonaire mentions, scripture about Macedonians; loud.{A} [Connelly-MA]
- 810 **BRAZIL** ZYH589 *R.Verdes Mares*, Fortaleza JUN 12 0100 – Woman in Portuguese; slightly over jumble. [Connelly-MA]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá JUN 20 0105 – Colombia sports; dominant. [Connelly-MA]
- 820 **CUBA** *R.Reloj*, Ciego de Avila JUN 10 0400 – Dominant. [Connelly-MA]
- 860 **CUBA** *R.Reloj*, Jovellanos//Bolondrón JUN 10 0400 – Reloj program; over CJBC. [Connelly-MA]
- 860 **ST. KITTS & NEVIS** VON Bath Village JUN 15 0100 – Man with "all the power from the tower" and "VON Radio" mentions; poor to fair.{A} [Connelly-MA]
- 870 **CUBA** *R.Reloj*, Baracoa-Van Van//Bueycito//Sancti Spíritus JUN 10 0400 – Reloj program; over WLVP. [Connelly-MA]
- 890 **CUBA** *R.Progreso*, Chambas JUN 10 0359 – Progreso theme vocal and ID; mostly over WAMG.{A} [Connelly-MA]
- 900 **CUBA** *R.Progreso*, San Germán-Urbano Noris JUN 10 0359 – Parallel 890 et al. with theme vocal, man "Radio Progreso, cadena nacional" ID, more theme vocal, then anthem; huge.{A} [Connelly-MA]
- 910 **CUBA** *R.Cadena Agramonte*, Camagüey-Tagarro JUN 20 0300 – Man with ID "Transmite Radio Cadena Agramonte, Camaguey, Cuba"; to good peak, dominant.{A} [Connelly-MA]
- 940 **BRAZIL** ZYJ453 Rio de Janeiro JUN 20 0127 – Male preacher in Portuguese; briefly over WIPR. [Connelly-MA]
- 940 **COLOMBIA** HJTL, RCN, Cucuta JUN 15 0100 – 5+1 RCN pips parallel 760 HJAJ; in jumble with WIPR, Brazil, others. JUN 20 0200 – Sports parallel 1000 HJAJ; mixed with others. [Connelly-MA]
- 940 **PUERTO RICO** WIPR San Juan JUN 20 0100 – Tropical vocal, woman with WIPR nueve cuarenta AM, San Juan, Puerto Rico ID, web link; good.{A} JUN 20 0125 – Woman with WIPR ID, festive music; dominant. [Connelly-MA]
- 950 **CUBA** *R.Reloj*, Arroyo Arenas//Camagüey-Isábel Hortensia//Santiago de Cuba-Frente JUN 20 0300 – Reloj program; over WKDN. [Connelly-MA]
- 960 **CUBA** *R.Reloj*, Guantánamo-La Piña JUN 20 0300 – Reloj ticks, talk, RR beeps; mixed with domestics. [Connelly-MA]
- 990 **COLOMBIA** HJCH, RCN, Medellín JUN 20 0200 – Sports parallel 1000 HJAJ; briefly over CBY, WDCX, WNTP jumble. [Connelly-MA]
- 1000 **COLOMBIA** HJAJ, RCN, Cartagena JUN 15 0100 – Sporting event, 5+1 pips parallel 760 HJAJ; in IBOC hash, Brazil under. [Connelly-MA]
- 1000 **CUBA** *R.Granma*, Media Luna JUN 12 0100 – Woman "Transmite Radio Granma," 9-note tinkly chimes; dominant.{A} [Connelly-MA]
- 1000 **MEXICO** XEFV Cd. Juárez, Chih. JUL 2 1059 – Full ID and "La Rancherita" slogan, followed by ranchera music, of course. Generally fair. [Wilkins-CO]

- 1029.73 unID JUN 20 0054 – Weak het on WBZ. [Connelly-MA]
 1040 **COLOMBIA** HJAI *R.Tropical*, Barranquilla JUN 15 0100 – Old style vocal, man with *R.Tropical* ID; fair to good.{A} [Connelly-MA]
 1039.61 **VENEZUELA** YVLB *La Voz de Carabobo*, Valencia JUL 13 0059 – Poor; nostalgic/romantic vocal, long *La Voz de Carabobo* male voice ID. Measured 1039.614 as listed in mwlist offsets. HJAI also observed at 1039.994/5 kHz on the low side of the domestic jumble. [Conti-NH]
 1060 **CUBA** *Radio 26*, Jovellanos JUN 10 0400 – Cuban anthem; evenly mixed with WQOM.{A} [Connelly-MA]
 1060 **MEXICO** XERDO *La Raza*, Reynosa, Tamps. JUN 24 1031 – Screaming "La Raza" man into Mexi-tune. Mixing with XEEP. [Krueger-FL]
 1070 **COLOMBIA** HJCG *R.Santa Fe*, Bogotá JUN 20 0201 – Radio Santa Fe, mil setenta AM ID's; fair.{A} [Connelly-MA]
 1100 **COLOMBIA** HJAT *Caracol Radio*, Barranquilla JUN 15 0101 – Adverts, artificially sped up talk. [Connelly-MA]
 1150 **CUBA** *R.Bayamo*, Bueycito JUN 10 0400 – Cuban national anthem; under WDEL and WWDJ. [Connelly-MA]
 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena JUN 9 0300 – Fast talk, fanfare music, man with "Ultima Hora Caracol" mention; good.{A} JUN 12 0100 – Several *Caracol Radio* ID's; good.{A} [Connelly-MA]
 1200.17 unID JUN 15 0100 – Weak het on WXKS. [Connelly-MA]
 1320 **CUBA** *R.Artemisa*, San Cristóbal JUN 19 1025 – Traditional Cuban folk vocals, parallel 1000 kHz. Some KXYZ co-channel. [Krueger-FL]
 1439.71 unID JUN 12 0100 – Weak het on WRED. [Connelly-MA]
 1499.768 unID JUN 12 0100 – Weak het on WFED. [Connelly-MA]
 1510 **ECUADOR** HCIO2 *Instituto Oceanográfico de la Armada*, Guayaquil JUN 20 0259 – Time signal format with pips each second, announcement by man in Spanish each minute. Thanks to Aart Rouw and Karel Honzik (RealDX forum) for ID help. Dominant.{A} [Connelly-MA] JUN 23 0933 – Thanks Mark Connelly and David Crawford logs, noted on brief fade up here, under powerhouse WLAC, with 1000 Hz/100 ms time signal pulses in AM DSB mode, no male Spanish voice announcements heard in the brief peak but otherwise sounded reminiscent of the old HD2IOA 3810 and 7600 kHz shortwave signals. Must be a new transmitter and/or power. Last MW Ecuadorean logged from here was decades ago when there were a still a couple operating on split channels. [Krueger-FL]
 1510 **MEXICO** XEQI *Opus 1510 AM*, Monterrey, NL JUN 23 0949 – Slow classical piano solos until 1003, then male with call sign (no slogan heard but still listed as such on their website) into screechy kiddie voice with a presumed phone number and mention of Mexico followed by nonstop opera solo by Catherine Bott with "Il Lamento in Morte di Maria Stuarda." Peaking to almost excellent in the 1000-1030 range, then rapidly fading. Thanks David Crawford tip. [Krueger-FL]
 1520.07 unID JUN 15 0059 – Colombian style accordion in fast song; briefly getting by WWKB. [Connelly-MA]
 1530 **MEXICO** XEUR *Extasis Digital*, México, DF JUN 26 0951 – Go Go's "Our Lips Are Sealed" into The Hollies "Air That I Breathe," male canned "Extasis Digital 1530 AM" into Donna Summer "Finger On the Trigger." Co-channel unidentified Spanish. [Krueger-FL]
 1530 **MEXICO** unID JUN 26 0955 – Heard through July 1. Suspect the only other Mexican on 1530, XESD *La Lupe*, Silao, Guanajuato (pointing east/west) but could be something domestic though no obvious ones. However, this one is all news/chatter, not the listed music format for XESD, and slogan is something "...1530 AM" and not to be confused with the also heard and slogan "Extasis Digital 1530 AM." Fades by 1045 along with all the other Mexicans. No trace of WYMM Jacksonville until July 1, when they popped up at 1029, and still in Haitian kreyol. [Krueger-FL]
 1550 **CUBA** *R.Rebelde*, multiple sites JUL 13 0401 – Under WSDK; choral national anthem parallel 1620 kHz. [Conti-NH]
 1569.5 unID JUN 20 0300 – Weak het. [Connelly-MA]

TRANS-PACIFIC DX

- 1503 unID JUL 1 0900 – Spotted weak signal during quiet moment of 1500 WFED; measured 1503.003/4 kHz which would indicate *R.Sport* New Zealand per the mwoffsets on mwlist. Then carefully checking the top of the hour spectrum capture also found 1152 and 1215 kHz. A mid-summer high band south Pacific opening? Receiver sunrise 0912 UTC, New Zealand sunset 0500 UTC, not grayline enhancement. [Conti-NH]

CONTRIBUTORS

Mark Connelly WA1ION, South Yarmouth MA; Elad FDM-S2, cardioid pattern SuperLoop 9m vertical by 20m horizontal (peak 75°, null 255°), cardioid pattern Kaz Delta 6m vertical by 20m horizontal (peak 135°, null 315°), {A} in entry indicates that audio can be accessed at www.qsl.net/wa1ion/doc1/audio_2019.htm.

Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, variable termination Super/Ewe antennas 15 x 23-m at 60° northeast and 180° south.

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

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

INTERNATIONAL NEWS

ANGUILLA: University Network relay of Dr. Gene Scott programs has been discontinued on 1610 *Caribbean Beacon*, confirmed now silent, as well as the former 690 kHz parallel. [Stig Hartvig Nielsen, Ydun's Medium Wave News] So Anguilla is added to the list of dark MW countries. [www.bamlog.com/darkcountries.htm]

ISRAEL: Voice of Hope Middle East is testing 945 kHz as a second frequency for their programs parallel 1287 kHz. [Mauno Ritola, ARC mv-eko]

73 and Good DX!

Pro Sports Networks

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

Here is Canadian Football League (CFL) radio information for the 2019 season, which began June 13. This is from NRC member Stephanie Battaglini on the CFL web site, www.cfl.ca. Some of the announcer names came from Wikipedia but I am not sure that all of those names are current.

WEST DIVISION

BC Lions (Vancouver)	1040	CKST-BC	a	Bob Marjanovich, Guilo Caravatta, Farhan Lalji, Chris Burns
Calgary Stampeders	770	CHQR-AB		Mark Stephen, Greg Peterson, Jock Wilson, Dave Rowe
Edmonton Eskimos	630	CHED-AB		Morley Scott, Dave Campbell
Saskatchewan Roughriders	620	CKRM-SK		Derek Taylor, Luc Mullinder
Winnipeg Blue Bombers	680	CJOB-MB		Bob Irving, Doug Brown, Christian Aumell

EAST DIVISION

Hamilton Tiger Cats	1150	CKOC-ON		Marshall Ferguson, Mike Morreale
Montreal Alouettes	690	CKGM-QC		Rick Moffat, Marc-Olivier Brouillette
	800	CJAD-QC		
Ottawa REDBLACKS	1200	CFGO-ON	EE	A.J. Jakubec, Jeff Avery
	104.7	CKOF-ON	FF b	Marc Legault, Denis Piche
Toronto Argonauts	1050	CHUM-ON		Mike Hogan, Jeff Johnson

a – Also listed is CFTE-1410, but according to mwlist.org it is now a Bloomberg station, listed as 'ex-Team 1410'"

b – This additional station was found on the team web site.

MEMBERSHIP RENEWALS

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DX Toolbox

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

First, the Bruce Conti May Day bandscan, continued from last issue:

- 940 WGFP MA Webster – Poor; "Lake 940 dot com, The Lake" and NBC news.
- 950 WROL MA Boston – Good; "AM 950 and 100.3 FM, WROL and W262CV Boston, The Spirit of Boston," and Townhall news.
- 960 WFGL MA Fitchburg – Fair; "Be renewed right here, WJWT Gardner 91.7, WTYN Lunenburg 91.7, WFGL Fitchburg 960 AM, and W291DA Fitchburg 106.1," and Focus on the Family promo.
- 970 WESO MA Southbridge – Fair; "You're listening to Emmanuel Radio, 1230 AM WNEB Worcester, 970 AM WESO Southbridge, and 101.1 FM WESO Southbridge, Emmanuel Radio, truth for life."
- 980 WCAP MA Lowell – Good; promo, "980 WCAP, everyone gets it," and ID, "980 WCAP Lowell, Haverhill, Lawrence, Methuen, Nashua and Salem, New Hampshire, serving the Merrimack Valley."
- 1000 WCMX MA Leominster – Good; contemporary Christian music, "You're listening to WCMX 1000 AM, Leominster."
- 1010 WINS NY New York – Poor, over WCNL Red Sox baseball; "All news, all the time, Ten Ten Wins."
- 1020 WHDD CT Sharon – Poor; classical music.
- 1030 WBZ MA Boston – Excellent; "WBZ Boston, WXKS-FM HD2 Medford-Boston, an iHeart radio station," and local news, "Now more than ever it matters where you get your news, WBZ News Radio."
- 1050 WEPN NY New York – Poor; "WEPN New York, mil cincuenta AM," ESPN Deportes.
- 1060 WQOM MA Natick – Good; "You're listening to The Station of the Cross Catholic Radio Network, WQOM Natick, WHIC and W225AR Rochester, WLOF Elma, WMTQ Elmira, WHVM Owego, WTMI Fleming, WQHE Oil City, WMIH Geneva, W221DI Erie, WLGU Lancaster, and around the world on iCatholic Radio and iCatholic Music."
- 1080 WTIC CT Hartford – Good; Boston Red Sox baseball, Morse code 'V' marking the hour.
- 1090 WILD MA Boston – Good; "This is WILD AM 1090 Boston," and ID in Chinese.
- 1100 WHLI NY Hempstead – Poor; adult oldies.
- 1110 WMVX NH Salem – Good; "WMVX Salem, W255DA Salem, a Costa Eagle Media station," and jingle, "Valley 98.5, the Merrimack Valley," '80s pop music.
- 1120 WBNW MA Concord – Good; "This is the Money Matters Radio Network, WBNW 1120 AM and W275CM FM Concord-Boston, the Money Matters Radio Network."
- 1130 WBBR NY New York – Fair; "From the financial capital of the world, 24 hours a day at Bloomberg dot com, on the Bloomberg Business app, and at Tictoc on Twitter, this is WBBR New York, Bloomberg Eleven-Three-Oh."
- 1150 WWDJ MA Boston – Good; promo, "Radio Luz Boston punto com," and ID, "WWDJ 1150 AM Boston," Spanish contemporary Christian music.
- 1160 WVNJ NJ Oakland – Poor; "Talk radio for Catholic life, WNSW Newark-New York City, and WVNJ Oakland, Relevant Radio 1430 and 1160 AM."
- 1170 WCTF CT Vernon – Poor; Music to Live By on Family Radio, parallel 1560 WFME.
- 1190 WLIB NY New York – Poor; gospel music.
- 1200 WXKS MA Newton – Good; local "Boston's First News" followed by "Talk 1200" slogan into Fox news.
- 1210 WPHT PA Philadelphia – Poor; "WPHT, WPHT HD, WOGL HD3 Philadelphia, a Radio dot com station."
- 1220 WSTL RI Providence – Fair, over WZBK Fox Sports; Spanish tropical music.
- 1230 WNEB MA Worcester – Fair; "You're listening to Emmanuel Radio, 1230 AM WNEB Worcester, 970 AM WESO Southbridge, and 101.1 FM WESO Southbridge, Emmanuel Radio, truth for life," and EWTN.
- 1240 WOON RI Woonsocket – Fair; "Broadcasting live and local daily, from the Navigant Credit Union broadcast studio at the corner of Park Avenue and Kennedy Street, this is WOON Woonsocket Radio, ON AM and FM," into local news.
- 1250 WARE MA Ware – Fair; "WARE Ware-Springfield," and ABC news.
- 1260 WBIX MA Boston – Good; "Nossa Radio" in Portuguese.
- 1270 WTSN NH Dover – Over WACM oldies; Boston Red Sox baseball.
- 1280 WPKZ MA Fitchburg – Good; Boston Red Sox baseball.

- 1290 WKBK NH Keene – Good; "Keene's news station, WKBK Keene, it's 4 o'clock," and CBS news.
- 1300 WJDA MA Quincy – Fair; ID in Spanish, "WJDA 1300 AM Quincy, Massachusetts," and promo, "Radio Super Boston."
- 1310 WORC MA Worcester – Good; Spanish tropical music.
- 1320 WDER NH Derry – Excellent; promo, "...on Life Changing Radio WDER," and ID, "WDER Derry and WDER-FM Peterborough-Manchester-Nashua," and SRN news.
- 1330 WRCA MA Watertown – Good; "WRCA Watertown, WBOS HD2 Brookline, WNBP, W291CC and W221EE Newburyport, W291CZ Boston, Bloomberg 106-1."
- 1340 WGAW MA Gardner – Good; "Greater Gardner's source for local news and information, AM 1340 WGAW Gardner," and ABC news.
- 1350 WINY CT Putnam – Over WEZS; Red Sox baseball, "You've been listening to Boston Red Sox baseball on WINY 1350 AM and 97.1 FM."
- 1360 WDRC CT Hartford – Fair, over WLYN; "WDRC AM, WDRC-FM HD3 Hartford, WSNB Torrington, WMMW Meridan, the Talk of Connecticut," and Fox news.
- 1360 WLYN MA Lynn – Under WDRC; "AM 1360 WLYN Lynn, a multicultural radio station."
- 1370 WFEA NH Manchester – Excellent; "WMLL HD2 Bedford, this is 99.9 FM and 1370 WFEA Manchester, it's 4 o'clock," and CBS news.
- 1380 WNRI RI Woonsocket – Over WSYB; USA network news, "WNRI Woonsocket, W236CW, W260CT(?)" and WNRI jingle.
- 1380 WSYB VT Rutland – Under WNRI; Boston Red Sox baseball.
- 1390 WPLM MA Plymouth – Poor; "Easy 99.1" relay WPLM-FM.
- 1400 WLLH MA Lowell-Lawrence – Good; "WAMG Dedham-Boston, WLLH Lowell-Lawrence, WORC Worcester, de Boston a Worcester, de Worcester a Lawrence, esta es la más grande de Nueva Inglaterra, la Mega," Spanish tropical music.
- 1410 WZBR MA Dedham – Fair; "Broadcasting live from Hyde Park, we are Boston's new home for classic R&B and hip-hop, Urban Heat 98.1 FM and 1410 AM." 98.1 is W251CR.
- 1420 WBSM MA New Bedford – Fair; Boston Red Sox baseball, "The Red Sox on WBSM."
- 1430 WKOX MA Everett – Good; "Rumba 1430," Spanish tropical music.
- 1440 WVEI MA Worcester – Good; Boston Red Sox baseball.
- 1450 WNBP MA Newburyport – Fair; "WRCA Watertown, WBOS HD2 Brookline, WNBP, W291CC and W221EE Newburyport, W291CZ Boston, Bloomberg 106-1," parallel 1330 WRCA.
- 1450 WKXL NH Concord – Under WNBP; "It's time for a WKXL 1450 AM and 103-9 FM news update."
- 1470 WAZN MA Watertown – Good; "AM 1470 WAZN Watertown, a multicultural radio station."
- 1480 WSAR MA Fall River – Good; Boston Red Sox baseball.
- 1490 WCCM MA Haverhill – Good; "Esta es WCCM Impacto 1490 AM, W279DH 103.7 FM Haverhill-Lawrence, otra estación de Costa Eagle Media," and nostalgic Spanish tropical music.
- 1500 WFIF CT Milford – Fair; "Life Changing Radio, 1500 AM WFIF Milford, and 101.9 FM Milford-New Haven, listen online at Life Changing Radio dot com or with the Life Changing radio app," and SRN news.
- 1520 WIZZ MA Greenfield – Good; nostalgia, "Wizz Radio, 1520 WIZZ Greenfield," and AP news.
- 1530 WVBF MA Middleborough – Good; "You are listening to the voice for news, talk, sports, and entertainment in southeastern Massachusetts, AM 1530 WVBF Middleborough-Taunton."
- 1540 WXEX NH Exeter – Good; "92-1 and 97-1 Seacoast Oldies."
- 1550 WNTN MA Cambridge – Good; "You're listening to WNTN 1550 AM," and local news.
- 1560 WFME NY New York – Fair; Music to Live By on Family Radio.
- 1570 WUBG MA Methuen – Good; "The Bay State's biggest hits from the '60s and '70s, WUBG Methuen-Boston, a Costa Eagle Media station," and "Big 105.3" jingle.
- 1590 WSMN NH Nashua – Excellent; '80s pop music, "You're listening to 1590 WSMN Nashua," and USA network news.
- 1600 WUNR MA Brookline – Fair; Spanish tropical music.
- 1610 WQIX458 NH Derry – Poor; public safety information and emergency planning, Robert Frost Park info.
- 1630 WQSS938 MA Westford – Fair; public safety information, "You're tuned to WQSS938 operating on 1630 AM in Westford."
- 1660 WWRU NJ Jersey City – Poor; "WWRU Jersey City-New York, 1660 AM WWRU," Korean.

1680 WTTM NJ Lindenwold – Poor; Spanish tropical music, "WTTM Lindenwold-Philadelphia, la unica, la grande."

1700 WRRCR NY Ramapo – Poor; "WRRCR and WRRCR dot com."

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 117.

So help me understand why my neighbors are upset with my new antenna system....

Bits and Bites from the NRC listserv

From: Bill Whitacre, Alexandria, VA

Re: Lubec Maine DXpedition May 23-28, 2019

Last week I was in Lubec, Maine birding and DX'ing. I stayed at the usual Quoddy House and some of you were able to listen on the KiwiSDR I had hooked up temporarily. The KiwiSDR and my own Perseus were connected to a 160' DKAZ at 105 deg. and the web page describing what I've pulled off wavy files so far is here: http://realmonitor.com/am_logs_qh13.php

Highlights so far are South Africa on 657, 702, 729 and 828 kHz, nearly 20 Brazilians, a half-dozen Argentines and Uruguay on 770. Also of interest to some perhaps is a video I made to show-and-tell a bit about the DKAZ as I construct it: <https://youtu.be/BXuES8THrM>

From May 18 - 21 I was at 'Waters Edge', a rental house on the Chesapeake Bay near Fleeton, Virginia where I erected and DX'ed with a 160' DKAZ aiming @ 135 deg. A birding and radio trip to Maine the following week delayed reviewing Perseus wavy files but that process is now underway and the building results are available here: http://realmonitor.com/am_logs_we10.php

Highlights so far are WSTX-970 in the Virgin Islands and Radio Encarnacion-760, Paraguay.

For anyone interested, I put together short videos illustrating a bit about how the DKAZ I used is constructed and works - labeled 'inside' and 'outside.' They are available at links from the top-middle of the above webpage. Enjoy and good DX!

From: Wayne Heinen

Re: Interesting Article

This might be an interesting thing for the tool box that came from Carl Dabelstein:

<https://www.theguardian.com/tv-and-radio/2019/jun/06/radio-silence-how-the-disappearance-of-rural-stations-takes-americas-soul-with-them>

It starts out "At a time when local newspapers are disappearing, the loss of a radio station leaves a community with another cultural and informational gap."

From: Mark Connelly WA1ION South Yarmouth, MA

Re: 1510 Ecuador

Clip of 1510 Radio Naval time signal station (HCIO2) in Guayaquil, Ecuador.

<https://app.box.com/s/3d09mnqzir1d31ctx97fsrjj0w6qcz8>

Heard here at 0259 UTC / 20 JUN. Thanks to Aart Rouw and Karel Honzik (RealDX forum) for ID help. With its format more like CHU than Cuba's Reloj, it stands out from the crowd. With WMEX off air, nothing on 1510 is very strong here, so this had a good opportunity. It was also on the 0200 UTC capture but better an hour later. As noted below, some of you have also bagged it. I think more logs will follow as it gets more attention. Recently I added a Kaz Delta antenna aimed southeast. In the summer this will be more the DX workhorse than the TA antenna. I haven't heard 750 Ecuador yet but, with Venezuela off, it should be possible. 700 R. Sucre shows up once in a while on that rather busy Latin America channel.

Thanks Sylvain, Bill, Roy, Neil, and Marc for the comments about the recent 1510 Ecuador reception here.

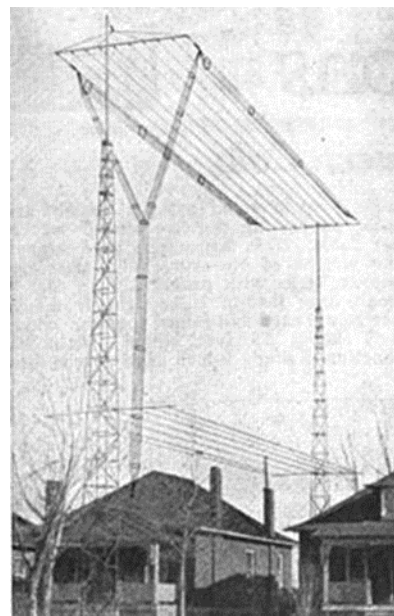
From: Marc DeLorenzo

Re: 1510 Ecuador

Wow! 500 watts! Yikes! Good job, Mark!

73 for this time, Shawn.

Remember On A Clear Day You Can Hear Forever



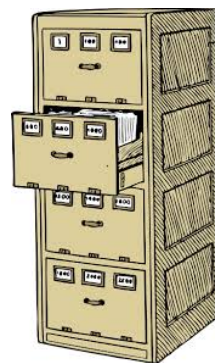
From the *DX News* archives

75 Years Ago – From the July 15, 1944 issue of *DX News*: Norm Kernoodle edged out Frank Wheeler as the winner of the 1943-44 NRC DX contest. First prize was a whopping \$2.00. Dr. John Kirk and the editor had an exchange as to whether reception reports should be sent to foreign stations during the duration of the war.

50 Years Ago – From the July 5, 1969 issue of *DX News*: The annual Courtesy Program Committee report showed that the NRC arranged 35 tests during the last DX season, compared to 24 for IRCA, 10 for NNRC, 1 for ASWLC, and 7 for RLA. Glenn Hauser, DXing from Colorado, reported hearing La Voz de Chile, June 9 at 0600 Eastern time on 760 kHz.

25 Years Ago – From the July 18, 1994 issue of *DX News*: Caribbean “split” frequencies reported to IDXD included St. Kitts and Nevis on 895 and Cayman Islands on 1205. BBC Radio 1 is planning to leave MW soon, including the high-power transmitters on 1053 and 1089. Mike Hawk in Omaha NE edited the FM DX Digest column. Dallas Lankford offered some modifications to increase the dynamic range of the Drake R8.

10 Years Ago – From the July 20, 2009 issue of *DX News*: John Bowker announced his retirement from the Board of Directors, and an urgent call went out for a new DDXD-West editor and a new publisher for *DX News*. The FCC announced that it would permit FM translators to relay AM stations. New station KYES-1180 Rockville MN is now on the air.



NOAA Space Weather Outlook

Issued July 15, 2019 – For the period July 15-August 10, 2019

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

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

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to range from normal background to high levels. High levels are expected from 15-18 Jul and 06-10 Aug; moderate levels are expected on 19-21 Jul; the remainder of the outlook period is expected to be at normal background levels. All enhancements in electron flux are expected due to the anticipation of multiple, recurrent CH HSSs.

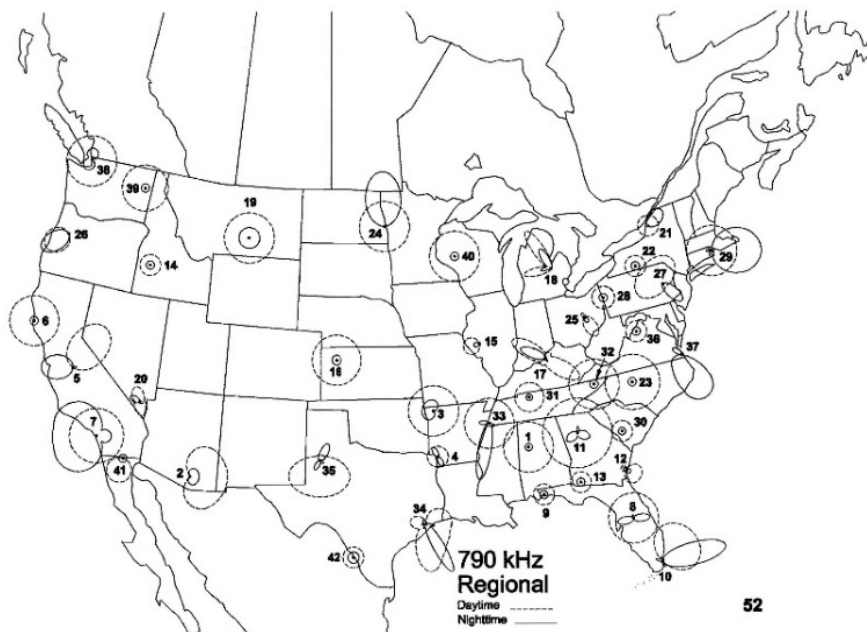
Geomagnetic field activity is expected to range from quiet to active levels. Active levels are expected on 15-16 Jul and 05-06 Aug; unsettled levels are expected on 17 Jul, 28 Jul, 04 Aug and 07 Aug; the remainder of the outlook period is expected to be at quiet levels. All increases in geomagnetic activity are due to the anticipation of multiple, recurrent CH HSSs.

NRC Antenna Pattern Book 8th Edition

The 8th Edition of the NRC *AM Station Antenna Pattern Book* is now available. This all-new edition was prepared by Bill Hale and accompanies the 2018 (39th Edition) of the National Radio Club's *AM Radio Log*. The book comes shrink wrapped in 8½ by 11 three hole punch format for placement in your own three ring binder. The book has maps covering 530 through 1700 kHz showing day and night patterns for U.S., Canadian, and selected Mexican and Caribbean stations.

The book is available from the National Radio Club at PO Box 473251, Aurora CO 80047-3251 and Priority Mail to addresses in the United States for \$28.95 for members and \$35.95 for nonmembers. Canadian orders are US\$41.15 and all other countries are US\$52.65, both shipped Global Priority Mail.

The Pattern book may also be ordered using pay pal from our website <http://www.nrcdxas.org> at slightly higher prices.



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