

# DX News

Serving Medium Wave DXers since 1933

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## Inside this issue . . .

- |                                |                              |
|--------------------------------|------------------------------|
| 2 ... AM Switch                | 25 ... Rockwork DXPedition   |
| 5 ... Domestic DX Digest West  | Oct 2020 – to Asia!          |
| 17... Domestic DX Digest East  | 31 ... Graveyard DX Update   |
| 21 ... International DX Digest | 32 ... Pro Sports Nets (NBA) |
| 24 ... Musings of the Members  |                              |



**RIP:** We are sad to report the passing of Dave Schmidt, longtime NRC member, editor of *Musings of the Members* for the last 30 years, and a member of the NRC Board of Directors. Dave was an accomplished radio engineer who served many stations (and conducted many DX tests) and a true friend to many NRC members.

From the Facebook page of the Keystone Record Club, of which Dave served as president, comes this photo of Dave (at right) with NRC member Frank Merrill:



For the time being, please send any material for the *Musings of the Members* column directly to the publisher at [NRCDXNews@gmail.com](mailto:NRCDXNews@gmail.com) (or 9412 Ferry Landing Ct., Alexandria VA 22309). Remembrances of Dave are more than welcome.

**DX Tests: WNJC-1360 Washington Township NJ** continues to run weekly DX tests Saturday evenings/Sunday mornings from 2000 to 0600 ELT through at least January 31. Night pattern with 800 watts to 0000 ET, and day pattern with 5 KW after. CE Duke Hamann will post updates on the special Facebook group <https://www.facebook.com/groups/wnjc1360dx>

**From NRC HQ:** Please note that it may take 30 days or more for any renewal checks that you send to the NRC PO Box via the USPS to be picked up and reflected on your *DX News* label. The PO Box is only checked once a week – and both your check and *DX News* are being slowed by the USPS,

so it takes some time for your check to be reflected in the labels sent to the *DXN* printer and that wind up on your copy. For faster turnaround, you can renew using Paypal.

**From the Publisher:** Still holding lots of good stuff, but we're working our way through the backlog. Still lots of good DX out there, keep our column editors busy with your submissions! And please stay safe and healthy.

## Membership Report

"The APB arrived today. It's really well done and has some interesting directional patterns I had no idea were in use! 73" – Matt Sittel.

"I joined NRC in January 1970, 51 years ago!" – Nancy Johnson.

"Another year for the *DX News*. A big help in trying to find stations." – Steve Sprague.

"Many thanks for the work you all do for us. It is appreciated. I still think 75% of the programming on the AM band is awful! The hobby is still fun..." – David Jansky.

"You fellows continue to do a superb job supplying resources for our DX activities. We would be at a disadvantage without them. 41 years in the NRC for me! Our hobby has changed so much. Some East Coast DXer's reported hearing 5000-watt stations from California years ago when daytime stations were daytimers. Radio stations for the most part liked to hear from us! Today one would be sending a report to a computer!" – Tony Fitzherbert.

**New Members:** Welcome to Mark Perlmutter, Billerica, MA.

**Rejoining Members:** Welcome back to Richard Bradley, Chelmsford, MA, and Evan Newlon, Albuquerque, NM.

**Renewing Members:** Thanks for the ongoing support of Kenneth Brookner; Larry Cook; Bruce A. Conti; Shaun Curry; Ken Dupere; Richard D. Hansen; Kurt Johansson; Nancy & John Johnson; Dave Jones; Albert J. Mariani; Mauricio Molano; Wesley Pierce; Edmund H. Smith; Steve Sprague; Brent Taylor; and Joseph G. Ursini.

# AM Switch

David Yocis, 9412 Ferry Landing Ct., Alexandria VA 22309, [NRCDXNews@gmail.com](mailto:NRCDXNews@gmail.com)  
Canadian info – Compiled by Shawn Axelrod, Dan Sys, and Jon Pearkins  
NRC AM Log updates from Wayne Heinen, [amlog@nationalradioclub.org](mailto:amlog@nationalradioclub.org)  
NRC AM Log data mining provided by Shawn Axelrod and Bill Hale

## FCC and CRTC Decisions and Applications



### CALL CHANGES

- 1240 KNRY CA **Monterey** – Call change to KNBI (Dec. 8, 2020).  
1400 WBQL TN **Clarksville** – Call change to WNZE (Jan. 8 and now silent, see below) – this station has had 6 different callsigns in the last three years!

### STATIONS GOING DARK

- 1560 WQLR MI **Portage** – License cancelled Jan. 5, 2021 at licensee's request.

### ALL-DIGITAL OPERATIONS

- 1470 WMGG FL **Egypt Lake** – Informed the FCC that it began all-digital operations Jan. 12, 2021.

### CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CP fully licensed and on the air:

- 860 WTZX TN **Sparta** – Granted license to cover CP with U1 950/10, new site (diplexed with WSMT-1050) at 37-57-16/85-28-37.

CPs built, awaiting final licensing (and likely being used on the air):

- 660 WESC SC **Greenville** – Granted program test authority for CP with D1 5000.  
1370 KHXM HI **Pearl City** – Applies for license to cover CP with U1 250/250, existing site.  
KFRO TX **Longview** – Applies for license to cover CP with U1 1000/100, existing site.  
1440 KEYS TX **Corpus Christi** – Applies for license to cover CP with U1 1000/69, existing site.

CPs granted:

- 660 KSKY TX **Balch Springs** – Granted CP with U4 7200/600, adjusted coordinates to 33-02-26/96-56-45.  
690 KFXN MN **Minneapolis** – Granted CP with U1 1700/5, adjust coordinates to 45-01-24/93-22-53.  
710 KSPN CA **Los Angeles** – Granted CP with U4 34000/2500, new site (diplexed with KRDC-1110) at 34-06-50/117-59-51.  
950 KPRC TX **Houston** – Granted CP with U2 7000/4300, new site (diplexed with KBME-790) at 29-54-55/95-27-46.  
1210 WJNL MI **Kingsley** – Granted CP with D1 10000 (ch2500), existing site.  
1260 WFTW FL **Fort Walton Beach** – Granted CP with new tower, existing site.  
KWYR SD **Winner** – Granted CP with U1 5000/150, correcting coordinates to 43-23-08/99-54-38.  
1270 KBZZ NV **Sparks** – Granted CP with U2 10000/5000, modified night pattern, coordinates adjusted to 39-32-02/119-39-46.  
1400 WNZE TN **Clarksville** – Granted CP with U1 380/380, new site (diplexed with WKFN-540) at 36-32-31/87-19-32.  
1520 WTHE NY **Mineola** – Granted CP with D1 10000 (ch 500) on 1530 kHz, existing site.

Applications for CPs received:

- 600 WBOB FL **Jacksonville** – Applies for CP with U1 20000/80, adjusted coordinates to 30-18-00/81-45-24.  
950 WORD SC **Spartanburg** – Applies for CP with U1 5000/65, adjusted coordinates 34-58-52/81-59-11.

### SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 820 KGNW WA **Burien-Seattle** – Granted STA, night parameters at variance, new nearby tower causing pattern problems (also affects KJR-950, see STA extensions below).



920 KYFR IA **Shenandoah** – Granted STA, U4 3500/2500.  
 990 WJCF IN **Muncie** – Granted STA, U1 62/1, 254' LW at 40-11-20/85-23-44.  
 1160 WBQN PR **Barceloneta-Manati** – Granted STA, U1 120/120, 195' LW at 18-25-37/66-29-07.  
 1660 WCNZ FL **Marco Island** – Granted STA, U1 1000/1000, silent station needs to broadcast.

Application for STA received:

1440 WNPV PA **Lansdale** – Applies for STA, U1 124/22 and PSRA 124, new owners of silent station need to broadcast soon.



Extensions granted to existing STAs:

600 WYEL PR **Mayagüez** – Granted STA extension, U1 1250/1250.  
 620 WZON ME **Bangor** – Granted STA extension, U1 5000/500.  
 830 KNCO CA **Grass Valley** – Granted STA extension, parameters at variance.  
 860 WOAY WV **Oak Hill** – Granted STA extension, U1 7000/11 (ch 5000).  
 910 WSRP NC **Jacksonville** – Granted STA extension, U1 500/1250 or less.  
 1040 KLHT HI **Honolulu** – Granted STA extension, reduced power during rail construction.  
 1290 WXKL NC **Sanford** – Granted STA extension, U1 150/39, 200' LW at licensed site.  
 1300 WKQK FL **Cocoa Beach** – Granted STA extension, U4 5000/250, day pattern 24 hours.  
 WMTN TN **Morristown** – Granted STA extension, parameters at variance.  
 1310 KIQQ CA **Barstow** – Granted STA extension, U1 420/110.  
 1330 WINT OH **Willoughby** – Granted extension to experimental authority, surface-wave only technology with 5 kW at licensed site.  
 1350 WWVL LA **New Orleans** – Granted STA extension, U1 5000/48 as in CP.  
 WCHI OH **Chillicothe** – Granted STA extension, parameters at variance.  
 1380 WLRM TN **Millington** – Granted STA extension, U1 1000/9.  
 1390 WPLM MA **Plymouth** – Granted STA extension, U3 2500/2500 or less, night pattern 24h.  
 1430 KRGI NE **Grand Island** – Granted STA extension, U1 5000/250.  
 1440 WGVL SC **Greenville** – Granted STA extension, parameters at variance.  
 1460 WBRN MI **Big Rapids** – Granted STA extension, U2 1000/1000.  
 1480 WNKW KY **Neon** – Granted STA extension, D1 1000, 61m LW at 37-11-08/82-43-02.  
 1490 WVGB SC **Beaufort** – Granted STA extension, U1 500/500.  
 1520 KMPG CA **Hollister** – Granted STA extension, D1 3400.  
 1550 KKCL CO **Golden** – Granted STA extension, U1 200/87½, 120' LW at 39-45-59/105-14-12.  
 1560 WCNW OH **Fairfield** – Granted STA extension, D4 1000.  
 1590 KVTA CA **Ventura** – Granted STA extension, parameters at variance.  
 WFBR MD **Glen Burnie** – Granted STA extension, parameters at variance.  
 1600 KOHI OR **Saint Helens** – Granted STA extension, U1 50/5, 120' LW at 45-51-59/122-49-02.

Applications to extend existing STAs received:

610 WIOD FL **Miami** – Applies to extend STA, U4 10000/10000, Cuba QRM.  
 730 KDAZ NM **Albuquerque** – Applies to extend STA, D1 250.  
 950 KJR WA **Seattle** – Applies to extend STA, parameters at variance.  
 970 KUFO OR **Portland** – Applies to extend STA, parameters at variance.  
 1110 WOMN LA **Franklinton** – Applies to extend STA, D1 170, 224' LW at 30-44-13/90-12-07.  
 1240 KDEC IA **Decorah** – Applies to extend STA, ST1 250/250, dipole at 43-17-13/91-53-03.  
 KRAL WY **Rawlins** – Applies to extend STA, U1 50/50, LW at 41-47-04/107-15-47.  
 WALO PR **Humacao** – Applies to extend STA, U1 1000/5000, Dom. Rep. QRM.  
 1310 WICU PA **Warren** – Applies to extend STA, U1 1000/94.  
 1320 WDIZ FL **Venice** – Applies to extend STA, U4 5000/250, day pattern 24 hours.  
 WDMJ MI **Marquette** – Applies to extend STA, U1 200/135, 186' LW at 46-32-40/87-26-42.  
 1550 WRHC FL **Coral Gables** – Applies to extend STA, U1 1800/125 from STA site (Doral FL).

### SILENT STATIONS

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

990 WJEH OH **Gallipolis** – Silent Jan. 1, 2020; on the air with STA Dec. 30, 2020.  
 1310 KEIN MT **Great Falls** – Silent Nov. 8, 2020; on the air Dec. 30, 2020.  
 KZXR WA **Prosser** – Silent Apr. 23, 2020; on the air Dec. 21, 2020.  
 1480 WKGK FL **Southport** – Silent Nov. 14, 2019; on the air Nov. 2, 2020.

Stations informing the FCC that they are silent:

660 KGSV CA **Oildale** – Silent Jan. 11; has lost lease on licensed transmitter site.  
 1400 WNZE TN **Clarksville** – Silent Jan. 8; new owners will move to CP site (see above).  
 1660 WBCN NC **Charlotte** – Silent Dec. 31; has lost licensed transmitter site.

## NRC AM Log Updates

Hi all- Pay attention in your Log to the "Grp=" entries on individual stations! These refer you to the Groups listings beginning on page 292. These group multiple // operations together under one "Grp=" name. The log rule is one // station per entry either a //AM or a //FM in the station listings. If a station has more than one // station it defaults to a "Grp=" group. The same rule applies to *NRC AM Log Updates*.

600	KGEZ	MT	Kalispell – Slogan to "The Flathead's Full Service Radio Station." (WH)
630	KHOW	CO	Denver – Networks to A/P/CMP/RER. (WH)
650	KENI	AK	Anchorage – Slogan to "News Radio 650." (StIntel)
680	WDBC	MI	Escanaba – Format to AC/OLD (ex-NOS). (DXMid)
690	KTSM	TX	El Paso – Slogan to "690 AM News Radio." (StIntel)
830	WMMI	MI	Shepherd – Format to C&W (ex-NWS/TLK); slogan to "Buck 92," drop nets. (DXMid)
880	KKMC	CA	Gonzales – Format to SS:REL (ex-REL); slogan to "El Sembrador Radio," drop nets. (StIntel)
900	WYPZ	GA	Macon – Slogan & Group to Grp= Praise 99.5. (StIntel)
950	KFSA	AR	Fort Smith – Format to TLK (ex-C&W); networks to SRN, adds // K226BS-93.1; delete Grp= Hog Country. (RI)
	WPET	NC	Greensboro – Format to GOS (ex-GOS/REL); slogan to "The Light." (StIntel)
960	WATS	PA	Sayre – Format to CLR (ex-AC). (RI)
	KGKL	TX	San Angelo – Format to SPT (ex-NWS/TLK/SPT); slogan to "ESPN San Angelo," networks to ESPN. (WoR)
970	WFLA	FL	Tampa – Group to Grp= News Radio WFLA (ex-Grp= Tampa Bay's News Radio). (StIntel)
980	KQUE	TX	Rosenberg-Richmond – Slogan to "Radio Aleluya," adds // K264CN-100.7; delete Grp= Radio Aleluya. (WH)
1010	KBBW	TX	Waco – Group to Grp= Life Changing Radio-KBBW (ex-Grp= Keep Boldly Believing the Word). (WH)
1040	KPPF	CO	Monument – Format to Rock (ex-HipHop); Group to Grp= Power 95.7 (ex-Grp= Blazin' 98.5). (WH)
1050	WLIP	WI	Kenosha – Networks to Fox/JBo/WW1. (JJR)
1090	WBAF	GA	Barnesville – Group to Grp= MyFoxFM (ex-Grp= Georgia's Hot Hits). (RI)
	WCAR	MI	Livonia – Networks to FSR/SMR. (DXMid)
1110	KRDC	CA	Pasadena – Format to AC/OLD (ex-C&W); slogan to "Radio Disney." (RI)
1120	WHOG	AL	Hobson City – Slogan to "The Hog." (StIntel)
	KCRN	CO	Limon – Slogan to "Catholic Radio." (DXM)
1150	WAVO	SC	Rock Hill – Slogan & Group to Grp= The Light FM (ex-Grp= WAVO-1150). (PS)
1170	KJXX	MO	Jackson – Format to UC:AC (ex-NOS/REL); slogan to "101-9 the Block." (JJR)
1200	WTLA	NY	North Syracuse – Slogan & Group to Grp= ESPN Syracuse (ex-Grp= ESPN Central New York). (GL)
1220	KDDR	ND	Oakes – Networks to Fox/dkn/PRN. (DXM)
1230	KCUP	OR	Toledo – Format to CLR (ex-NWS/TLK); slogan to "100.7 The Otter," drop nets. (StIntel)
	KOZI	WA	Chelan – Networks to Fox/WW1/CMP/DR/RER. (WH)
1240	KNBI	CA	Monterey – Format to CLR (ex-OLD), drop slogan. (RI)
	WMSO	MS	Southaven – Format to UC:AC/GOS (ex-UC:HipHop); slogan to "The Trend on WAVN." (RI)
	WOBT	WI	Rhineland – Format to SPT (ex-C&W); slogan to "101.3 The Game," networks to FSR/Game. (RI)
	WJMC	WI	Rice Lake – Adds // W243ED-96.5. (FCC)
1290	KMMM	KS	Pratt – Format to C&W (ex-CLR); slogan to "The Mighty 1290 True Country," networks to Fox. (WH)
1330	KVOL	LA	Lafayette – Slogan to "The Rewind," adds // K249EY-97.7; delete Grp= The Rewind. (StIntel)
1340	KCBL	CA	Fresno – Networks to FSR. (StIntel)
	KGKG	CO	Salida – Format to CLR (ex-OLD); slogans to "The Valley 102.9," "Awesome 80's." (RI)
1350	WBML	GA	Warner Robins – Group to Grp= Fox 1350 AM & 94.7 & 95.5 (ex-Grp= Georgia's Greatest Hits Fox 94.7). (StIntel)
1360	KSCJ	IA	Sioux City – Deletes CBS News network, adds Fox News. (WH)



- 1370 WFDR GA Manchester – Group to Grp= MyFoxFM (ex-Grp= Georgia’s Hot Hits). (RI)  
 1380 KHEY TX El Paso – Slogan to “Fox Sports 1380 AM.” (StIntel)  
 1390 WYXI TN Athens – Slogan to “The Talk of the Town,” networks to A/Ru/P/DR/SRN. (WH)  
 1400 WEST PA Easton – Slogan & Group to Grp= Loud 106.9/99.5 (ex-Grp= Mega 99.5). (RI)  
 1410 WKKP GA McDonough – Slogan to “Country KKP.” (TK)  
 1420 WKWN GA Trenton – Slogan to “1420 KWN,” adds // W267CX-101.3; delete Grp= 1420 KWN). (RI)  
 WVJS KY Owensboro – Delete slogan. (StIntel)  
 1440 WSGO NY Oswego – Slogan & Group Grp= ESPN Syracuse (ex-Grp= WTLA Group). (GL)  
 1450 WTKI AL Huntsville – Format to AC/EZL (ex-TLK); slogan “Easy 105.3,” drop nets. (RI)  
 WCTC NJ New Brunswick – Slogan to “Talk Radio 1450” (StIntel)  
 1460 KKOY KS Chanute – Slogan to “My Country 99.9 & 1460.” (StIntel)  
 1470 WMGG FL Egypt Lake – Format to SS:MEX (ex-SS:REL); slogan & Group to Grp= Caliente 96.1. (RI)  
 KLCL LA Lake Charles – Format to TLK (ex-UC:AC); slogan to “Talk 1470,” networks to Fox/DR/P/SRN. (StIntel)  
 1480 WJTW AL Bridgeport – Slogan & Group to Grp= Mix 106.1/95.7. (RI)  
 1490 WCOR TN Lebanon – Slogan & Group to Grp= FM 98.9 Real Country. (FCC)  
 1500 WSMX NC Winston-Salem – Format to REL (ex-GOS); slogan & Group to Grp= The Light FM (ex-Grp= The Cross). (PS)  
 1510 WXCY NJ Salem – Slogan & Group to Grp= Jammin’ 96.9. (RI)  
 WEAL NC Greensboro – Slogan to “The Light.” (StIntel)  
 WGKB WI Waukesha – Slogan to “101-7 The Truth.” (TN)  
 1520 KFXZ LA Lafayette – Networks to CMP/P/JBo/WW1; Group to Grp= The Talk of Acadiana. (StIntel)  
 WPAY OH Rossford – Format to CCR (ex-REL); slogan to “K-Love 90s.” (DXMid)  
 1550 WAZX GA Smyrna – Format to OLD (ex-ETH), drop slogan. (nrc-am)  
 1570 WWCK MI Flint – Format to CLR (ex-TLK); slogan to “K107.3,” drops nets (DXMid)  
 1590 KLFE WA Seattle – Networks to THN/Fox/DR. (JP)  
 1600 WHOL PA Allentown – Format to UC:HipHop (ex-SS:Tropical); drop nets; slogan & Group to Grp= Loud 106.9/99.5 (ex-Grp= Mega 99.5). (RI)  
 1660 WTOU MI Kalamazoo – Slogan to “The Touch,” adds // W238AL-95.5. (DXMid)

### New Groups

- Grp= Caliente 96.1 – WTMP-FM-96.1, W270DU-96.3, WMGG-1470 (*AM is all Digital -wh*) (RI)  
 Grp= FM 98.9 Real Country – WCOR-1490, WANT-98.9, W252DU-98.3 (FCC)  
 Grp= Jammin’ 96.9 – WXCY-1510, W245CJ-96.9, WXCY-103.7 (RI)  
 Grp= Loud 106.9/99.5 – WEST-1400, W258DV-99.5, WHOL-1600, W295CR-106.9 (RI)  
 Grp= Mix 106.1/95.7 – WJTW-1480, W291CF-106.1, W239CO-95.37 (RI)  
 Grp= Praise 99.5 – WYPZ-900, W258AP-99.5, W286CE-105.1 (StIntel)  
 Grp= The Light FM - WMIT-106.9, WSMX-1500, WAVO-1150, W235CY-94.9, W268DM-101.5 (PS)

### Group Name Changes

- Grp= Blazin’ 98.5 becomes Grp= Power 95.7 (WH)  
 Grp= ESPN Central New York becomes ESPN Syracuse (GL)  
 Grp= Georgia’s Greatest Hits Fox 94.7 becomes Grp= Fox 1350 AM & 94.7 & 95.5 (StIntel)  
 Grp= Georgia’s Hot Hits becomes Grp= MyFoxFM (RI)  
 Grp= Keep Boldly Believing the Word becomes Grp= Life Changing Radio-KBBW (WH)  
 Grp= Tampa Bay’s News Radio becomes News Radio WFLA (StIntel)

### Group Changes

- Grp= Fox 1350 AM & 94.7 & 95.5 drops W258AP-99.5 Macon and adds W238CG-9 5.5 Warner Robins (StIntel)  
 Grp= MyFoxFM adds W271CV-101.9 Atlanta (RI)



### Deleted Groups

- Delete Grp= Hog Country (RI); Grp= 1420 KWN (RI); Grp= Radio Aleluya (WH); Grp= The Cross (StIntel); Grp= The Rewind (StIntel); Grp= The Touch (FCC).

**Our Thanks to our Contributors and Various Media Sources:** (DXMid) DX Midamerica; (FCC) FCC; (GL) Ginnie Lupi; (JJR) John J Rieger; (JP) Jon Pearkins; (nrc-am) NRC Google Group; (PS) Paul Snider; (RI) Radio Insight; (StIntel) StationIntel.com; (TK) Terry L Krueger; (TN) Tim Noonan; (WH) Wayne Heinen; (WoR) Glenn Hauser.

# Domestic DX Digest – West

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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. 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)!! In some instances, minor editing may occur. Remember, this column reports DX Achievements and is not a platform for political or social commentary/remarks. Your cooperation is much appreciated. Reports older than 30 days may be excluded at the editor's discretion.

Please observe the following . . .

Upcoming deadlines for DDXD-West: **Issue 10: January 29**; **Issue 11: February 12**

## --- REPORTERS ---

- SB-BC **Stephanie Battaglino** DXing from the Haida Gwaii Masset, British Columbia  
KiwiSDR with 750-foot north-facing BoG
- SB-CA **Stephanie Battaglino** Palm Desert, California Perseus w/Jaguar Pro, Wellbrook ALA  
1530 LNP mounted on a Hy-Gain AR-500 rotor at 22 ft. RPA-2 Preamp, ANC-4 Phaser
- RD-NE **Rick Dau** South Omaha, Nebraska Sangean ATS-909X receiver, Grundig AN-200  
passive antenna 980 domestics heard here, 1031 overall
- SD-MN **Skip Dabelstein** KØSBV Maple Grove, Minnesota Icom R75 and Drake SW8  
Receivers, Ratzlaff Active Whip and Radio Plus Quantum Loop Antennas
- WH-CO **Wayne Heinen** Aurora, Colorado SDRPlay RSP2Pro, E/W Flag, N/S Flag TG-1  
Termination Gizmo and WA1ION/Quantum Phaser
- MJ-QUO **Mike Jeziorski** Juriquilla, Queretaro, Mexico ICF-2010
- TK-FL **Terry Krueger** Niceville, Florida IC-R75, NRD-535, ICF-7600GR, active loop, random  
wire, miscellaneous junk
- JP-AB **Jon Pearkins** Edmonton, Alberta Sangean PR-D15 & HDR-18 barefoot
- JJR-MI **John J Rieger** L'Anse, Michigan Grundig Satellit 750 -Terk AM1000 loop, Sangean  
ATS-909X stock (The Terk loop can/does phase the Grundig antenna)
- JJR-WI **John J Rieger** South Milwaukee, Wisconsin Icom IC-R75, MFJ-959B tuner/preamp,  
Kiwa loop, Sangean ATS-909X stock
- BT-AL **Bryan Turner** Athens, Alabama :a – Airspy HF + Discovery and approximately 66 feet  
of wire; :b – Tecsun PL-880; :c – Panasonic RF-2200 & Select a Tenna
- JW-CO **John Wilkins** Wheat Ridge, Colorado Drake R-8, 4-foot box loop

## --- STATION NEWS ---

- 1040 KPPF CO Monument – 1/08 1159 – Out of Rock with KPPF and two translators ID.  
Slogans appear to be “Power. . .” with various phrases added on “Power 95.7” and  
“Power for Colorado Springs. . .”. Taped call change (ex-KCBBR). (WH-CO)

## --- DX TESTS ---

- 1220 WCPH TN Etowah – 12/26 0201 – Very good, with "WCPH" in Morse Code, 1000 Hz TTs,  
and sweep tones at the start. Heard again on the re-airing on 1/2, although both  
WLPO in Illinois and KLPW in Missouri were butting in on the action the second  
time around. TN #38 at this location. (RD-NE)
- 1220 WCPH TN Etowah – 1/2 0200-0400 – Tentative – A few tentative snippets of code copy  
mixed with local KLDC and KKDR Oakes ND. Awaiting CPC confirmation. (WH-  
CO)

## --- UNIDS ---

- 1450 unID – 1/2 0831 – Someone with Oldies. Cyndi Lauper, Stevie Wonder, The  
Proclaimers and Ramsey Lewis. Weak, pointing Northeast. Not parallel  
streams for WDIG Dothan, Alabama, or Georgia stations WKEU, WCON or  
WVLD. Weak and presumed WBSR, Pensacola with Fox Sports eventually  
dominating, though the last gasp was at 0932 with ‘Here Comes the Rain  
Again’ by Eurythmics. (TK-FL) [Heard again . . . ]



- 1450 unID - 1/10 0702 – The mystery Oldies here again. Tune-in to end of weather by man (“... for Monday, 46 the high . . .”) into Marshall Tucker Band’s ‘Fire On the Mountain’ and fade. Briefly back at 0716 with The Beatles’ ‘Fool On the Hill’ and maybe the same one 0722 with a ‘Buffalo Wild Wings’ spot. **Bryan Turner** in north Alabama says WTKI, Huntsville flipped from News/Talk to Oldies on 12/31, and is also running low power into a longwire on STA. This points NNE, and the temperature high would match, so maybe them. **(TK-FL)**
- 1570 unID - 1/3 0843-0948 – Very poor-to-poor. “AM 1570 the Patriot (?)”, “Two and three in a row”. Nothing jibes. In, out and lost in L'Anse! Poor. **(JJR-MI)**

--- DX LOGGINGS ---

- 540 WKFN TN Clarksville – 1/10 0810 – ESPN Sports, ad for ‘GEICO’, ID as “ESPN Clarksville”, local commercials (‘Clarksville Now’, ‘Trucking Academy’, ‘911 Bail Bonds’, a local coffee roaster). **(BT-AL :c)**
- 550 KRAI CO Craig – 1/3 0222-0225 – Poor. Faded up briefly against KFYY’s C2C with Country music tunes that solidly matched the station's webstream. 500 Watts nights at 674 miles. **(SB-CA)**
- 550 KTRS MO St. Louis – 1/16 07:15 – Heard slogans: “KTRS Talk of St. Louis” and “Big 550 KTRS”. **(BT-AL :b)**
- 560 KMON MT Great Falls – 12/19 1931-1935 – Good. ABC News report into local spots for a local shoe store featuring ‘Dryshod’ boots and a going out of business sale at ‘Eklund's Fine Furniture’ in downtown Great Falls. Followed by a “5-60, KMON First Alert Weather Center” report with Mike Donaldson mentioning very windy conditions: 50-70 mph wind gusts. Into ‘White Christmas’ by Bing Crosby. 5 kW at 980 miles. First time copying them around sunset. Re-log. **(SB-CA)**
- 560 KMON MT Great Falls – 1/3 0839 – Poor, though alone, with calls said twice between Country songs. **(JJR-MI)**
- 570 KCFJ CA Alturas – 12/19 1931-1941 – Fair, with no sign of nulled KLAC, with spots about talcum powder and pregnancy litigation, ‘Pioneer Auto Body’ with Alturas mention, and ‘Rabbit Traxx’ gas station/convenience store offering self- and full-service (!) gasoline. Mention of “. . . off of Hwy 299” and back into ‘Jill on Money Show’ with Jill Schlesinger on CBS Radio. Consistent with program schedule on station’s website. 5 kW days/42 Watts nights. Copied essentially right at their local sunset. 568 miles. **(SB-CA)**
- 580 CHAH AB Edmonton – 1/5 0857 – Ads in Punjab language; nice English ID at 0900: “You're listening to CHAH myradio580am Edmonton, bringing Albertans together”. This website and slogan were repeated often. Punjabi news followed the ID. Good signal and all alone for several minutes. Covered by KUBC’s early power-up at 0912. **(JW-CO)**
- 590 KQNT WA Spokane – 1/1 0759 – “Rush Limbaugh . . . on News Radio 590 KQNT”. Fair in QRM. **(JW-CO)**
- 590 KQNT WA Spokane – 1/3 0159-0202 – Good, with iHeart Radio spot for something called Popcorn Radio, featuring movie music – the spot featured Rocky Horror's Time Warp into nice Top-of-hour ID by male: “News radio 5-90 KQNT, Spokane, an iHeart radio station . . . At 590kqnt.com . . . Powered by Sturm Heating and Air Conditioning”, into Fox News. 5 kW at 958 miles. **(SB-CA)**
- 620 KJOL CO Grand Junction – 1/13 1900 – “KJOL” and multi station ID. **(WH-CO)**
- 620 WRJZ TN Knoxville – 1/16 0727 – Caught ID in mix of several station “Joy 620 WRJZ” – later briefly faded up to a decent signal. **(BT-AL :b)**
- 630 KFXD ID Boise – 1/3 0401-0403 – Good against KHOW, with Hip-hop music into Top-of-hour ID by male: “Power 105 Boise.com . . . 105 – 5 app . . . KXFD, Boise, this is the all-new 105-5”. 5 kW at 673 miles. Re-log with new format and new FM. **(SB-CA)**
- 630 WLAP KY Lexington – 1/12 2104 – Basketball Game. Tuned in just in time for the pause for station ID. Strong Signal. **(BT-AL :b)**
- 630 KFYY MO St. Louis – 1/11 0000 – Instrumental Music, ID. **(BT-AL :b)**
- 630 KPLY NV Reno – 1/3 0320-0324 – Fair-to-poor, even with – then quickly under – KHOW and KFXD’s Hip-Hop with Fox Sports promo by male mentioning host Mike Harmon featuring his discussion of Trevor Lawrence. A number of ‘Fox Sports’ and ‘Fox Sports Radio’ mentions as well. 1 kW nights at 445 miles. **(SB-CA)**
- 630 CHED AB Edmonton – 1/16 0800 – Poor in WREY null. First Nations, Alberta “. . . speaking with 6-30 Ched”. **(JJR-MI)**
- 630 CHED AB Edmonton 1/16 0800 – Poor in WREY null. First Nations, Alberta “. . . speaking with 6-30 Ched”. **(JJR-MI)**

- 660 WXQW AL Fairhope – 1/10 0757 – ‘Language app’ commercial three times in a row, Community News, ID for this station and WGOK Mobile. Gospel Music. (BT-AL :b)
- 660 WFAN NY New York – 1/12 2108 – Basketball game with ID at end of quarter. Unusually strong tonight for a New York station at my location. (BT-AL :b)
- 670 KLTT CO Commerce City – 1/14 0926 – Poor, with calls, in WSCR null. WLUI faded out. “David Jeremiah next”. (JJR-MI)
- 670 WLUI PA Lewistown – 1/14 0923 – Poor, with ‘Starting Over’ by John Lennon and ‘These Eyes’ by The Guess Who. Slogan: “Big Louie”. (JJR-MI)
- 680 WCNN GA North Atlanta – 1/2 0800 – Sports talk. (BT-AL :b)
- 680 KKGR MT East Helena – 12/18 2152 – Fair-to-good, under KFEQ, with Orleans’ ‘Still The One’ and Bonnie Raitt’s ‘Something To Talk About’ wrapped around a quick “Helena’s KGR” jingle ID. Confirmed via streaming audio. Somebody at the station had the hamsters running inside the wheel a little long tonight. Montana #9 here. (RD-NE)
- 690 KGGF KS Coffeyville – 1/16 0756 – Poor. “Chevy. . . Coffeyville” after two or three national ads. Lost to CKGM. (JJR-MI)
- 690 WQNO LA New Orleans – 1/13 0540 – Catholic programming. Faded in, and then faded back out, but good for a few minutes. (BT-AL :b)
- 690 WNZK MI Dearborn Heights – 1/15 0835 – Poor, but alone. “. . . on 15 Mile Road in Sterling Heights” and calls. (JJR-MI)
- 720 KFIR OR Sweet Home – 1/15 0056-0059 – Very strong, running 10 kW day power, though mostly nullable enough to hear WGN. Syndicated conservative talk ending with ad for ‘Survivalist’ equipment, then KFIR ID at 0058 local ID and “KFIR Weather””. (JP-AB)
- 750 WNDZ IN Portage – 1/14 0816 – With SSB, sign-on as: “AM 750 WNDZ Portage-Chicago”. Into music. Poor. (JJR-MI)
- 750 KOAL UT Price – 1/09 0800 – “KOAL Price” to ABC News. (WH-CO)
- 760 KCCV KS Overland Park – 1/14 0857 – Poor, with “Bott 92.3, 101.5, 96.9, 760” Legal ID as such. REL. (JJR-MI)
- 780 WJAG NE Norfolk – 1/14 0920 – “News-Talk WJAG Sportscasters Club” upon tuning in. WBBM nulled. Poor. (JJR-MI)
- 800 CKOR BC Penticton -12/31 0300-0307 – Fair-to-poor, underneath KINY, with Berlin’s ‘Take My Breath Away’ and The Wallflowers’ ‘6th Avenue Heartache’. “EZ Rock” and “iHeart Radio” mentions noted as well. 500 watts at 623 miles. (SB-BC)
- 820 KUTR UT Taylorsville – 12/19 1957-2002 – Fair, with religious talk with a male host into Top-of-hour ID by male: “KUTR, Taylorsville – Salt Lake City and K237FG, Pleasant Grove” followed by news which contained several ‘TownHall.com’ mentions. On the other side of local sunset – 2.5 kW at 511 miles. (SB-CA)
- 830 WQZQ TN Goodlettsville – 12/27 2354 – Fair, under WCCO ,with Billy Joel’s ‘My Life’, Billy Idol’s ‘Mony Mony’ and Rick James’ ‘Super Freak’. Confirmed via playlist on the station’s website. Someone else forgot to flip the switch. I had to consult Rand McNally to find out where in the Volunteer State’s Goodlettsville is located -- it’s in the north central part of the state, east of Clarksville and just to the north of Nashville. My 6th logging on 830 at this QTH. (RD-NE)
- 890 KYWN ID Meridian – 1/10 0140 – Undoubtedly on 50 kW day power with Spanish language music, burying any sign of CJDC, and very listenable through CHQT slop. (JP-AB)
- 920 KYST TX Texas City – 1/02 0000 – Out of SS Talk in accented EE: “K-Y-S-T Texas City” in SS “Esta es 920 AM” atop the channel fighting KPOF-910 IBOC. (WH-CO)
- 920 WOKY WI Milwaukee – 1/3 0829 – Legal ID @ 0831: “Big 920”. Poor, with WMPL on OC, as usual on Sunday morning! (JJR-MI)
- 920 CFRY MB Portage-la-Prairie – 1/3 0831 – “Real Country Radio – CFRY”. Still in two hours later with WMPL on OC. Poor. (JJR-MI)
- 960 WHAK MI Rogers City – 1/4 0828 – Poor, with “. . . call 517-XXX-XXXX for Michigan Economic news. ‘Steve Gruber Show’. Rare! (JJR-MI)
- 970 KIXL TX Del Valle – 1/01 2300 – “KIXL Del Valle Relevant Radio 970 AM” to Relevant Radio News. (WH-CO)
- 980 KMBZ MO Kansas City – 1/15 0850 – Very poor, with mentions of “435” – “on the Missouri side” and “on the Kansas side”. No calls heard. (JJR-MI)





- 980 KMIN NM Grants – 1/9 0446-0451 – Good, coming out of a Country tune, with “This is Grants Radio, KMIN. We’ll have more of your favorite country after these messages” by male. Followed by a spot by female that ID’ed herself as a graduate of New Mexico State, station promo for a Sunday morning religious program which included a “. . . on KMIN, 9-80” mention and a “You’re in K-Mine Country” canned ID by male and back into Country music. Listed at 230 Watts nights at 492 miles. **(SB-CA)**
- 980 KQUE TX Rosenberg-Richmond – 1/1 0800 – Tuned in at the tail-end of the ‘Radio Aleluya’ multi-station legal ID list; the last two stations mentioned were KQUE and KVJY-840. Briefly fair. **(JW-CO)**
- 980 WPFPP WI Park Falls – 1/4 0917 – Poor, though alone. Weather: Marv Holewinski (Hol-o-win-ski) on “Jack FM”. **(JJR-MI)**
- 1000 KKIM NM Albuquerque – 1/01 2000 – REL program sponsored by an Albuquerque Church. **(WH-CO)**
- 1000 KSOO SD Sioux Falls – 1/3 0908 – Poor, in WMVP null, with “The Beacon” show // website. Softer AC. **(JJR-MI)**
- 1030 KVOI AZ Cortaro – 1/3 0310-0316 – Popped up from mix of KTWO and XESDD, with Jim Bohanon intro’ing his guest, legendary rock keyboardist Chuck Leavell. // stream. 1 kW at 321 miles. **(SB-CA)**
- 1040 WHBO FL Pinellas Park – 1/9 0355-0415 – Even for a bit, then under WHO, with a spot for structured settlements, several RER mentions by both a male and female, ABC News at the Top-of-hour and a partial ID that mentioned “Newstalk Florida”. Many thanks to **Tim Hall** and **Bruce Conti** on the NRC FB group for their assistance with the ID. **FL #1 from the SoCal desert!** 3.6 kW at 2,025 miles. **(SB-CA)**
- 1060 KNLV NE Ord – 1/14 0810 – Poor. 308 area code given twice. Ag news. No “Funny 1060” in, hi. Lost to WILB. **(JJR-MI)**
- 1070 KFTI KS Wichita – 1/02 0900 – Out of C&W: “KFTI Classic Country”. **(WH-CO)**
- 1080 KRLD TX Dallas – 1/14 0833 – Poor, with CBS News stuff, “KRLD’s Allen . . .”. No sign of usual KYMN. **(JJR-MI)**
- 1090 KAAV AR Little Rock – 1/3 1948 – Two weak call IDs caught while mixing with two Mexicans. Poor. AR #1 and state #16. Arkansas was never heard here before my local on 1090 moved to FM. **(MJ-QRO)**
- 1130 KSDO CA San Diego – 1/3 0759 – Spanglish ID at 0759:50: “Esta es KSDO Once Treinta AM San Diego”, plus a “Radio Inspiracion” slogan; SS religion followed. Generally fair. **(JW-CO)**
- 1130 KTMR TX Converse – 1/14 1915 – Religious music in Spanish, “La Nuestra” slogan with “92.5 FM and 1130 AM”. Fair. TX #32. **(MJ-QRO)**
- 1150 WEAQ WI Chippewa Falls – 1/14 0914 – Poor, with “Alexa, play 95-9 Jamz Eau Claire”. Alone. **(JJR-MI)**
- 1150 CJSL SK Estevan – 1/16 0935 – Very poor, with “CJ 1150” in tons of stations. Have heard it way better than this. **(JJR-MI)**
- 1180 WGUE AR Turrell – 1/5 1936 – Poor ,with uptempo SS music and “LaJefa”. No sign of WHAM at all. **(JJR-WI)**
- 1180 KOFI MT Kalispell – 1/10 0245-0300 – Poor, underneath KERN’s Ben Shapiro program with C2C. At Top-of-hour, KOFI’s ABC News could be heard 1-2 seconds behind KERN’s ABC News. // C2C’s website feed and station schedule on their website. 10 kW at 1,003 miles. **(SB-CA)**
- 1230 KWG CA Stockton – 12/20 0300 – Poor. Briefly bubbled up out of the mix with Top-of-hour ID by male: “KWG . . . Relevant Radio . . . 12-30 AM”. 900 Watts at 399 miles. **(SB-CA)**
- 1240 KBIZ IA Ottumwa – 1/16 0158 – Program promo for ‘The Dave Ramsey Show’ into Top-of-Hour ID: “1240 AM and 102.7 FM. KBIZ”, followed by Fox News. **(SD-MN)**
- 1240 WATT MI Cadillac – 1/5 0100 – Top-of-Hour ID: “This is your home for Rush Limbaugh, the All-new 106.1 FM and 1240 AM, WATT Cadillac” then FOX News. **(SD-MN)**
- 1240 WCBY MI Cheboygan – 1/15 0943 – Very poor, but heard “231” over and over in Tradio show. Did hear “Big Country Gold WCBY . . .” at :03. Might have missed Legal ID on that. **(JJR-MI)**
- 1240 KFOR NE Lincoln – 1/16 0059 – PSA for ‘AARP’ into Top-of-Hour ID: “This is Lincoln’s station with breaking news, area weather, and Chief’s football, 103.3 FM 1240 AM KFOR Lincoln” followed by ABC News. **(SD-MN)**
- 1250 WJMK MI Bridgeport – 1/15 0845 – Very poor, with “KBRF on Me-TV FM” and still in two hours later! **(JJR-MI)**
- 1260 KWYR SD Winner – 1/14 0953 – Poor, but alone, with weather for central South Dakota: “very windy”. South Dakota-area temps. **(JJR-MI)**

- 1280 KXTK CA Arroyo Grande – 12/20 0301-0305 – Poor, against KFRN's choral holiday music, with several "Sportscenter All Night", "ESPN" and "ESPN Radio" mentions by male host along with college football highlights featuring the Clemson-Notre Dame game. 2.5 kW at 256 miles. (SB-CA)
- 1290 KZSB CA Santa Barbara – 12/19 1958-1959 – Poor. Popped up over KCUB's coverage of University of Arizona basketball with female discussing fundraising for a local food pantry and mention of 'Israel' and 'The Federation' with an 805 area code number noted which coincides with the Jewish Federation of Santa Barbara. 500 Watts days/122 Watts nights at 196 miles. Noted on the other side of their local sunset. (SB-CA)
- 1320 WILS MI Lansing – 12/29 0810 – Heard call letters only wafting through the mix. (JW-CO)
- 1320 KHRT ND Minot – 12/25 0859 – Legal ID at 0859:15. Poor copy in QRM. (JW-CO)
- 1320 KXYZ TX Houston – 1/14 2144 – With programming from 'The Black Information Network'. ID: "Houston's BIN 1320. Ex: Spanish 'Radio Garcia'. (MJ-QRO)
- 1340 WLEW MI Bad Axe – 1/15 1018-1052 – Very poor, heard a local(!) Top 20 countdown. Always fading, of course, when calls were said. But, at 1052: "Your Number One for country, 1340 WLEW". After all these years, I still like countdowns. Local to boot! (JJR-MI)
- 1340 KDLM MN Detroit Lakes – 1/2 1741 – Poor, with "Classic Hits KDLM" between songs by the Monkees and Steve Miller Band. First time this season! (JJR-MI)
- 1380 WAOK GA Atlanta – 1/12 0855 – "1380 WAOK". Was logged in Jine of '71. Very poor, though very clear. Rare! (JJR-WI)
- 1380 WBEL IL South Beloit – 1/2 1825 – Poor, with "Real 92-3 98-9, Ace of Base with 'The Sign'. WOTE more common. (JJR-MI)
- 1380 KLIZ MN Brainerd – 1/7 0838 – Poor, with "... the Fan network"... "Jefferson Bus Lines is hiring". No WOTE or WKJG. (JJR-WI)
- 1380 WKJV NC Asheville – 1/12 0839 – Poor, with various references to local Ministry. Calls, PO Boxes. (JJR-WI)
- 1380 KOTA SD Rapid City – 1/14 0907 – Poor. "Rapid City Morning News". Almost loud later on! (JJR-MI)
- 1380 CKPC ON Brantford – 1/2 1823 – "Christian Radio 1380" with Contemporary Christian music. Not heard in while. Poor. (JJR-MI)
- 1400 KRLN CO Cañon City – 1/08 2000 – Local spot: "... in downtown Canon City. AM 1400 KRLN" to Fox News. (WH-CO)
- 1400 KMNV MN St. Paul – 1/3 0821 – Poor, with SS "LaRaza" in WCCY null. First time this season! (JJR-MI)
- 1400 KIUN TX Pecos – 1/09 0600 – Out of C&W: "KIUN Pecos Serving West Texas since 1935". (WH-CO)
- 1410 WKKP GA McDonough – 1/3 0334 – Near local level, obviously not at 58 Watts night power, with tight nulling on WNGL. Country vocals, woman: "... right here on Classic Country WKKP" and later, man: "100.9 FM and 1410 AM, WKKP" into Crystal Gayle. (TK-FL)
- 1410 WHLN KY Harlan – 1/3 1721 – National quack ads for hair thickener, IRS evasion, self-publishing kit, then man canned "... WHLN, we're playing the best of the 80s, 90s and ..." into TLC's 'Waterfalls' McCartney ripoff. Appears to be first time log for this one for me. Briefly very good just before local sunset. (TK-FL)
- 1410 KOOQ NE North Platte – 1/14 0947 – 'Come Sail Away' by Styx, "98-1, 1410 70s 80s 90s". Poor, lost to WIZM. (JJR-MI)
- 1410 KDKT ND Buelah – 1/16 0942-0956 – "CBS Sports Radio"... in/out/lost. Finally at 0956: "KDKT Sportsradio". Very poor-to-poor, over WIZM. (JJR-MI)
- 1420 WRCG GA Columbus – 1/2 1731 – Urban vocal, string of PSAs, couple local ads, "All hits, all ... Columbus's R&B 92.1" and back to vocals. (TK-FL)
- 1420 KULY KS Ulysses – 1/02 0700 – Out of Classic Rock: "KULY Ulysses ..." to ABC News. (WH-CO)
- 1420 KGIM SD Aberdeen – 1/14 1009 – Dan Patrick replacing KTOE. web match. Poor, but alone. (JJR-MI)
- 1420 KUJ WA Walla Walla – 1/4 0859 – Rough copy, but pulled out the ID: "You're listening to KUJ Walla Walla AM 1420 and 98.7 FM K254DK Walla Walla"; not sure what followed. I heard the CBS News sounder but this could have been another station. Love those 3-letter calls! (JW-CO)



- 1430 WCMY IL Ottawa – 1/6 0826 – Poor, with “Full service 1430 WCMY”, weather tagged with “1430 WCMY”. KZQZ gone, so can hear others now, hi. (JJR-WI)
- 1430 WXNT IN Indianapolis – 1/11 2156 – Several PSAs and ID. Sports program . . . decent signal where I usually hear WPLN Nashville. (BT-AL :b)
- 1430 KRGI NE Grand Island – 1/14 0944 – “308-398-XXXX” in ad. KRGI jingle, into Elton John. Poor-to-fade out. (JJR-MI)
- 1430 WFOB OH Fostoria 1/9 0832 – Poor- ESPN. . . ‘Ohio State Buckeyes’ mention . . . lost to WION. Assumed. (JJR-WI)
- 1440 WVGG MS Lucedale – 1/2 1750 – Fake C&W, man: “This is WVGG, Lucedale” top of hour. (TK-FL)
- 1440 WCDL PA Carbondale – 1/8 1842 – “The Mothership”. OLDies by the Supremes and Marcie Blane. Poor, but alone. (JJR-WI) [“Mothership”: they feed a translator, and WICK-1400, which has two translators – Ed]
- 1440 WZYX TN Cowan – 1/9 1910 – Poor, but heard detailed web info, weather and calls. Same played again t 1940. Alone. (JJR-WI)
- 1450 WKLA MI Ludington – 1/10 0916 – Poor. “Super Hits 97.7” slogan popped through. OLDies format. It’s been a while. If ‘1450’ was said, I missed it. Very weak, due to usual 1460-WJTI splash. Rare. (JJR-WI)
- 1450 KBUN MN Bemidji – 1/4 0936 – Poor, but Poor, above others with “Twelve chances to win on The Fan”. Then ‘Weatherology’. (JJR-MI)
- 1450 KBMW MN Breckenridge – 1/16 0900 – Poor, with Legal ID for AM + FM translator, then Fox News. More common years back. (JJR-MI)
- 1450 WRCO WI Richland Center – 1/10 0905 – Very poor, but heard “Great Songs, Great Radio. . . 7.7 and 1450”. Might have been station at Top-of-hour with “Locally owned . . .” into news. Rare! (JJR-WI)
- 1460 WXEM GA Buford – 1/9 0555 – Mexi-tunes, English man canned ID for WLBA, WXEM, WAOS and mention of “Your home of the Atlanta Braves” then back to Mexi-tunes. Occasional fair peaks, parallel to the usual excellent WAOS pest. (TK-FL)
- 1460 WKAM IN Goshen – 1/10 0817 – Poor, with SS “LaRaza”. Began popping in louder as time went on. WZTI with Open Carrier. (JJR-WI)
- 1460 KXNO IA Des Moines – 1/10 0809 – With Sunday morning shows, thanks to WJTI’s Open Carrier. (JJR-WI)
- 1460 KDWA MN Hastings – 1/14 0906 – “Since 1963, 97.7, 1460 KDWA” into newscast. No KXNO. Poor. (JJR-MI)
- 1460 KLTC ND Dickinson – 1/15 0936 – Very poor, with “Jamestown Civic Center” and “North Dakota” heard. Country music. No calls heard. (JJR-MI)
- 1460 KBRZ TX Missouri City -1/4 1832 – Nonstop subcontinental Bolly-pop vocals, parallel sangeetradio.com stream. Briefly very good, then rapid fade post-sunset. Some co-channel from unidentified domestic Spanish talker. (TK-FL)
- 1460 KUTI WA Yakima – 12/27 0330 – Fair-to-poor, with sports talk with a female host and a “14-60 espnyakima.com” mention. 3.7 kW at 727 miles. (SB-BC)
- 1480 WABF AL Mobile – 1/3 0422 – Argent’s ‘Hold Your Head Up’ and man: “Great music, great memories . . . wabfradio-dot-com” and ‘Pick Up the Pieces’ by Average White Band. Parallel station stream and song scroll display. (TK-FL)
- 1480 KLMS NE Lincoln – 1/12 0256 – ESPN Sports into Top-of-hour ID: “ESPN Lincoln, 101.5 FM and 1480 AM. This is K268DF and KLMS”. (SD-MN)
- 1490 WZOE IL Princeton – 1/7 0826 – “Congratulations . . . WZOE . . .” and lost. (JJR-WI)
- 1490 KRIB IA Mason City – 1/8 0759 – Calls popped up/down just as fast. ‘Sea Cruise’ by Frankie Ford. Poor. (JJR-WI)
- 1490 WANG MS Biloxi – 1/3 0452 – “106.3 Casino Radio” slogan in continuous tourist info loop. Same as on WTNI 1640 kHz. Fair-to-poor on peaks. (TK-FL)
- 1490 WHOC MS Philadelphia – 1/3 0553 – End of some canned Country music program (“Thanks for listening”), several WHOC liners and mention of “. . . 1490 AM and 93.7 FM. . .” by man. Over/under WANG. (TK-FL)
- 1490 KOVC ND Valley City – 1/16 1000 – Very poor, but woman’s voice really cut through. Legal ID including AM and translator, then Fox News. (JJR-MI)
- 1490 KWMC TX Del Rio – 1/4 0048 – Caught “The Mighty ?? in Del Rio” with Classic Rock song ‘Only the Lonely’ and matched it to web stream. Poor. First catch on 1490. 598 miles. TX #31. (MJ-QRO)
- 1500+/*v* KCLF LA New Roads – 1/10 0633 – Overnight cheating again, and also still drifting (upward, up to 1500.015 and back down) with nice mix of Motown, Stax, R&B, Soul. Man with canned ID occasionally. (TK-FL)

- 1510 KIFG IA Iowa Falls – 1/15 1036 – Poor, alone, with closings in Iowa. “Thank you for listening to KIFG”. (JJR-MI)
- 1520 KMSR ND Northwood – 12/29 0846 – Area ads, weather, COVID testing info, girls basketball scores. Fair, in KOKC null, and mixing with KKZZ. No ID heard. (JW-CO)
- 1520 WQCT OH Bryan – 1/9 0818 – Poor, with ads for ‘Metamucil’ and ‘MyComputerCareer’. Then “WQCT 96.5” into Paul McCartney song. Alone, steady. Logged as WBNO in June of 1970. Been a while, hi. Rare. (JJR-WI)
- 1520 KQRR OR Oregon City – 12/26 0348-0353 – Poor, way under KKZZ, with a song in Russian by a man and woman duet, followed by ‘Silent Night’ by a woman in Russian. // stream. 15 kW pointed west and north at 869 miles. (SB-CA)
- 1530 KQSC CO Colorado Springs – 12/26 0326-0331 – Poor, but steady under KFBK’s C2C, with Kylie Frey and Jon Wolfe tunes and a brief mention of Pueblo, which is the latest addition to their FM station network. // stream. Listed at 15 Watts nights at 732 miles. Re-log. (SB-CA)
- 1550 K KOV WA Vancouver – 1/15 0055 – Almost as strong as KRPI, with Vietnamese talk. Had been reported off the air recently, but obviously back on now. (JP-AB)
- 1560 KNZR CA Bakersfield – 1/2 0604 – “KNZR” ID and subsequent mention of Bakersfield. On top, with the antenna to the SSW. Surprised me since KVAN is normally so strong here. (JP-AB)
- 1560 KLNG IA Council Bluffs – 1/15 0930 – With calls after REL show. ‘WilkinsRadio’. Poor, with KCAA and WTOU gone. . . ! (JJR-MI)
- 1560 KGOW TX Bellaire – 1/11 0315 – Presumably the Vietnamese talk in strong to the SSE. (JP-AB)
- 1570 WWCK MI Flint – 1/3 0930 – Very poor, though “Classic Hits 107.3” cut through. Not common. Ex: talk. Heard later on 1/16 at 0805 as “K107.3” into ‘My Sharona’ by The Knack. (JJR-MI)
- 1570 WKBH WI Holmen – 1/16 0805 – Poor, with ‘Relevant Radio’ content. With others, then lost. Only affiliate on frequency. (JJR-MI)
- 1580 KBLA CA Santa Monica – 1/2 0556-0601 – Dominant, with some slight fades and occasional KGAL under KBLA, with antenna to the SSW. Playing Spanish- language light pop vocals then Top-of-Hour ID and less than 30 seconds of talk with one Production Sound element before going back to the music. ID was heavily accented English male voice: “KBLA Los Angeles”. Despite checking 1580 regularly, only third time heard and first time ID’ed. (JP-AB)
- 1580 WWSJ MI Saint Johns – 1/3 0900 – Bible classes, times. Legal ID, as such, into REL. Poor – no CKDO. (JJR-MI)
- 1590 KVGB KS Great Bend – 1/2 0611 – Undoubtedly the one, with repeated “ESPN Radio” IDs, as their 5 kW night pattern to the NNW favours my location, and has been IDed before when both KLFE and KTIL can be completely nulled. (JP-AB)
- 1590 KLFE WA Seattle – 1/10 0130 – Fox News during a break in the syndicated program ‘Hollywood 360’, which was running ‘Have Gun Will Travel’ from 1959. (JP-AB)
- 1590 KLFE WA Seattle – 1/11 0300 – News from townhall.com, a conservative news web site that also provides five minute hourly newscasts for radio stations. (JP-AB)
- 1590 WIXK WI New Richmond – 1/8 0803 – Very poor, with Hmong chatter, over WTVB. Not rare, but not common. (JJR-WI)
- 1600 KEPN CO Lakewood – 1/11 0305-0308 – Sports report, all alone to the SSE before fading out to KTUB, but then coming back at 0316:30 with “ESPN Denver” ID. (JP-AB)
- 1600 WKYI KY Eminence – 1/8 2000 – Poor, in fade up for LID! Country, “The New WKYI . . . “. Daytimer on late. Logged as WSTL in '85. Rare. (JJR-WI)
- 1600 KTUB UT Centerville – 1/11 0308-0312 – Mexican AC faded up fast as KEPN faded out, with stronger signal than KEPN had been. (JP-AB)
- 1600 WZZW WV Milton – 1/8 0834 – Poor, with “News Radio . . . WVHU”. ‘I-Heart Radio’ promo. Over others. (JJR-WI)
- 1640 KDZR OR Lake Oswego – 12/27 0225 – Fair, with the ‘Town Hall Review’ program, “AM 16-40, The Patriot” mention by male into SRN news. 1 kW at 729 miles. (SB-BC)
- 1640 WSJP WI Sussex – 1/13 0529 – Relevant Radio promo, short religious message, Relevant Radio promo, song, “Today's Gospel”. (BT-AL :b)
- 1650 KCNZ IA Cedar Falls – 12/27 0212-0217 – Good, with sports talk by a male host. Discussion of Dolphins game, Tua and Ryan Fitzpatrick. ‘Geico’ ad by female at 2317. Listed at 1 kW at 1,964 miles. (SB-BC)



- 1690 KDMT CO Arvada – 1/14 0937 – Poor, with RElevant Radio, replacing WVON, which was in earlier. (JJR-MI)
- 1700 KBGG IA Des Moines – 12/27 0240 – Fair-to-poor, with “central Iowa” mention along with talk of Raiders NFL game. 1 kw at 1,955 miles. (SB-BC)
- 1700 KBGG IA Des Moines – 1/11 2203 – Panthers / Braves basketball. ID after end of game at 2210. Surprisingly good signal, with no sign of WEUP in the next county. (BT-AL :b) [That’s, more than likely, University of Northern Iowa Panthers and Bradley Braves – Ed.]

BORDER INN DXPEDITION (TIM HALL)

[continued from last issue]

- 740 KIDR AZ Phoenix – 10/30 2159 – Spanish Contemporary Christian music and call-letter ID in Spanish. 407 miles. Relog.
- 740 KBRT CA Costa Mesa – 10/30 2100 – Faded up over KCBS, with multi-station ID (including my local KNSN-1240 San Diego and a few FMs) and “God and Country Station” slogan. KNSN-1240 has been a relay of KBRT for many years now. 462 miles. Relog.
- 740 KVOR CO Colorado Springs – 10/29 0815 – Political ads for Colorado ballot propositions, time check: “6:16 at 7-40 KVOR”. 500 miles. Relog.
- 740 KVFC CO Cortez – 10/30 0759 – Appeared suddenly on top of channel (possibly the strongest I’ve ever heard them), with ID: “Southwestern Colorado’s voice for the Sean Hannity Show – this is News Talk 7-40 KVFC, Cortex, Colorado”. Listed 250 Watts nights (no PSRA). Seems they went to day rig at 6 AM local time, over an hour before their FCC sunrise time for October. 321 miles. Relog.
- 740 KNFL ND Fargo – 10/30 0559 – “The fifth-largest daytime signal in the country, it’s 7-40 The Fan, KNFL-AM Fargo”. 1037 miles. Relog.
- 740 KRMG OK Tulsa – 10/29 2358 – Under KCBS and one or two other stations, with local news, ID and “102.3 FM” mention. 991 miles. Relog.
- 740 KTRH TX Houston – 10/30 0757 – On top of channel (until KVFC powered up early), with local news and ad for a candidate for Texas Railroad Commissioner (I can’t believe how many ads I heard for this specific office on several Texas stations). 1251 miles. Relog.
- 750 WSB GA Atlanta – 10/29 0005 – Under KOAL and KAMA, with ad and ID “WSB, depend on it”. 1684 miles. Relog.
- 750 KAMA TX El Paso – 10/31 0058 – As usual, blasting in on almost every recording on almost every wire, with soft Mexican AC and the same 70s-style jingles they have used for years. I think they have been running 10 kW day rig 24/7 for a long time. Relog.
- 750 CKJH SK Melfort – 10/29 0814 – Weather for Saskatchewan, time check on “Saskatchewan’s new Beach Radio”, and ad for a Saskatchewan Harley Davidson dealer. 1040 miles. Relog.
- 760 KTBA AZ Tuba City – 10/30 0058 – Religious program // KHAC. Listed 60 Watts nights. 253 miles. Relog.
- 760 KGB CA San Diego – 10/28 2100 – Faded up for ID: “KGB, San Diego’s Talk”. 460 miles. Relog.
- 760 WJR MI Detroit – 10/29 0004 – On top of channel, with Fox News, ad, weather, and ID. 1620 miles. Relog.
- 770 WABC NY New York – 10/30 0000 – ID way under KKOB. 2100 miles. Relog.
- 770 KTTH WA Seattle – 10/28 2058 – Over CHQR, with ID by male announcer, ad for ‘Repipe Specialists’. 712 miles. Relog.
- 780 WJAG NE Norfolk – 10/29 0814 – Steady signal under WBBM, with local farm prices. 890 miles. Relog.
- 790 KNST AZ Tucson – 10/29 0559 – Legal ID, mention of “An iHeartRadio station”, and Fox News under KFYO. Fairly rare here. 500 miles. Relog.
- 790 KXXX KS Colby – 10/29 0816 – Steady signal under KABC, with “Country 7-90 K-triple-X” slogan and country music. 697 miles. Relog.
- 790 KGHL MT Billings – 10/29 0817 – Faded up under KABC and KXXX, with ad for “Bobcat of Big Sky 2125 Old Hardin Road in Billings”. 548 miles. Relog.
- 790 KFYO TX Lubbock – 10/29 0559 – On top of channel, with ID: “News Talk 95.1 and 7-90, KFYO Lubbock”. 776 miles. Relog.
- 800 KBRV ID Soda Springs – 10/29 0814 – Steady signal under CHAB, with Country music and ID: “KBRV, The Bear”. Listed 150 Watts nights (no PSRA). 272 miles. Relog.
- 800 KQAD MN Luverne – 10/29 2033 – Nice signal, with girls’ high school volleyball: Marshall Tigers at Luverne Cardinals. Listed 80 Watts nights. 976 miles. Relog.

- 800 CHAB SK **Moose Jaw – 10/29 0814** – CHAB Morning Show with Classic Hits and “Discover Moose Jaw” weather forecast. 888 miles. Relog.
- 810 KLVZ CO **Brighton – 10/29 0558** – Under KGO, with oldies and ID mentioning translators on 94.3 and 95.3. Listed 430 Watts nights. 495 miles. Relog.
- 810 WSJC MS **Magee – 10/29 0802** – Fighting with KGO, eventually faded up for nice clear ID: “Christian Talk Radio, WSJC 8-10 AM, Magee, Mississippi”, followed by the ‘Bible Answers’ program with Pastor Doug Batchelor. Another example of carefully targeted sunrise DX. Heard again the next morning at the same time, about level with KGO, with ID and station phone number. 1451 miles. New, MS #3.
- 810 WHB MO **Kansas City – 10/29 0600** – Way under KGO and KLVZ, with slogan: “Sports Radio KC” and ID. 1040 miles. Relog.
- 810 WGY NY **Schenectady – 10/30 0007** – Weather forecast, ID: “News Radio 8-10 WGY and 103.1 FM”. 2084 miles. Relog.
- 810 KTBI WA **Ephrata – 10/28 2058** – Religious programming, “ACN” jingle, multi-station ID and promo for KYAK-930’s not-so-recent increase to 10,000 Watts. // KYAK- 930, KFIO-1050. 634 miles. Relog.
- 820 WWBA FL **Largo – 10/28 2230** – Putting a dent in WBAP, with CBS Sports Radio programming. 10/30 0559 – Noted again with legal ID. 1945 miles. Relog.
- 840 WHAS KY **Louisville – 10/29 0004** – Steady signal under KXNT, with local news and ID: “News Radio 8-40 WHAS”. 1537 miles. Relog.
- 850 KICY AK **Nome – 10/29 2236** – Mike Atkins religious teaching program // web stream. 2686 miles. Relog.
- 850 KHHO WA **Tacoma – 10/28 2059** – Over KOA, with ID and promos for ‘Black Information Network’ and ‘iHeartRadio’. 702 miles. Relog.
- 860 KKOW KS **Pittsburg – 10/29 0759** – ID “Bringing you the latest farm and ranch news, this is KKOW Pittsburg and FM 97.5 in Joplin” followed by CBS news. 1056 miles. Relog.
- 860 KPAM OR **Troutdale – 10/28 2059** – Faded up over KTRB, with web site promo, ID and slogan “AM 8-60 The Answer” (KTRB is “8-60 AM The Answer”). 626 miles. Relog.
- 870 KJMP CO **Pierce – 10/29 0558** – On top of WWL, with disgusting hip-hop “music” with curse words removed. Listed 320 Watts nights. 507 miles. Relog.
- 870 KFLD WA **Pasco – 10/28 2058** – On top of channel, with local political ads and ID mentioning translator K254DP – 98.7. 558 miles. Relog.
- 880 KRVN NE **Lexington – 10/30 2059** – Huge signal, with high school football playoff Gothenburg Swedes @ Lincoln Christian Crusaders. 782 miles. Relog.
- 880 WCBS NY **New York – 10/30 0005** – Way under KRVN, and presumed CKLQ, with news, followed by “Traffic and weather together” beginning with a report of a traffic delay in Long Island. 2114 miles. Relog, but always a difficult catch because they are only 4 degrees away from KRVN.
- 880 CKLQ MB **Brandon – 10/29 0814** – Steady signal, under KRVN, with jingle; “Q Country 91.5” and Country music. 1009 miles. Relog.
- 890 KDXU UT **St. George – 10/30 2159** – Over WLS and presumed KYWN, with high school football playoffs: Washington Crimson Cliffs Mustangs @ Pine View Panthers, with updates from another playoff game Dixie Flyers @ Cedar City Reds (team name recently changed from Redmen). Relog.
- 900 KFLP TX **Floydada – 10/29 0558** – Usual farm programming, with slogan “The Farm Station, all ag all day”, weather and multiple IDs, followed by SRN news. Listed 7 Watts nights. 786 miles. Relog.
- 900 CHML ON **Hamilton – 10/29 0004** – Global News, slogan “Global News Radio Nine-Hundred,” and back to old radio programs starting with “Gunsmoke”. 1774 miles. Relog.
- 900 CKBI SK **Prince Albert – 10/29 0814** – On top of channel, with CKBI news read by a female announcer. 1046 miles. Relog.
- 910 KECR CA **El Cajon – 10/30 0159** – Under KGME, mixing with unidentified Spanish station. Family Radio programming and musical theme // KEAR-610. 454 miles. Relog.
- 910 KMPS CA **Hesperia – 10/30 2100** – Mixing with KPOF, with regional Mexican music, FM/AM ID and “La X” slogan. 371 miles. Relog.
- 910 KCJB ND **Minot – 10/29 0814** – On top of channel, with KCJB morning show: “The Morning Caffeine with Kyle Dean” with features including The Old Farmer’s Almanac and Words of Wisdom. 894 miles. Relog.
- 910 KATH TX **Frisco – 10/29 0600** – ID: “KATH Frisco-Dallas-Fort Worth, part of the Guadalupe Radio Network”. Listed 500 Watts nights. 1036 miles. Relog.

- 920 KLMR CO Lamar – 10/29 0800 – Appeared suddenly over KVEL with a loud signal. Promo for Agritalk program on “Ag radio 9-20 KLMR,” ID “the voice of the high plains, news radio 9-20 KLMR Lamar, Colorado” into ABC news. Listed 500w nights with no PSRA, so it definitely appears that they switched to day rig at 6am local time instead of their October FCC sunrise time of 7am. Other nights they were often on top of the channel, which is not normal for them. 619 miles. Relog.
- 920 KRLV NV Las Vegas – 10/29 2300 – Over KQBU, with local ads, ID; “Raider Nation Radio 9-20 AM KRLV Las Vegas”. Programming from “The Sports Betting Network”. Relog.
- 920 KSVA NM Albuquerque – 10/31 0059 – Under KQBU, with ID including FM translator K282CD-104.3 Los Lunas. 490 miles. Relog.
- 920 KQBU TX El Paso – 10/31 0059 – ID with slogan: “Lonestar Sports Radio, powered by CBS Sports Radio” and promo for both the ‘Radio Centro’ and ‘iHeartRadio apps’. (KQBU is owned by the forever-troubled Mexican ownership group Grupo Radio Centro). 664 miles. Relog.
- 920 KXLY WA Spokane – 10/28 2058 – Over KVEL, with ads for ‘Foothills Mazda’ and local politicians and ID. Switch to night rig followed by ABC News. 613 miles. Relog.
- 920 CFRY MB Portage La Prairie – 10/30 2059 – About equal with KLMR on top of channel, with Country hits and ID: “This is CFRY, 9-20 AM, Portage La Prairie, a Golden West Radio Station”. 1074 miles. Relog.
- 930 KIUP CO Durango – – Not-quite-legal ID: “Your ESPN radio connection for the Four Corners, 97.3 and 106.3 FM KIUP FM, Durango”. They forgot to mention the AM in this pre-recorded ID. 357 miles. Relog.
- 930 KSEI ID Pocatello – 10/30 2256 – Mixing with KIUP and KRKY, with high school football playoffs: Caldwell Vallivue Falcons @ Blackfoot Bobcats. 281 miles. Relog.
- 930 KOGA NE Ogallala – 10/28 2103 – Wednesday night high school volleyball: Ogallala Indians @ Sidney Red Raiders, sponsored by ‘Banner Health’ and ‘Adams Bank and Trust’. – 10/30 2059 – Halftime show for high school football playoffs Sumner-Eddyville-Miller Mustangs @ Paxton Tigers, interviewing a Tigers girls' volleyball player. Listed 500 Watts nights. 666 miles. Relog.
- 930 KCCC NM Carlsbad – 10/30 0157 – Good signal, with classic hits and ID: “Thank you for listening to K-C-C-C radio, 9-3-0 on your radio dial, Carlsbad, New Mexico”. 717 miles. Relog.
- 930 KSDN SD Aberdeen – 10/29 0659 – Weather, followed by ID: “Hub City Radio's flagship station, News Talk 9-30 KSDN Aberdeen”. Probably still on 250 Watts non-directional night STA. 905 miles. Relog.
- 930 KYAK WA Yakima – 10/28 2059 – Under CJCA, with religious programming, “ACN” jingle, multi-station ID and promo for KYAK's not-so-recent increase to 10,000 Watts. // KTBI-810, KFIO-1050. 614 miles. Relog.
- 930 KROE WY Sheridan – 10/29 0814 – Over KRKY, with weather sponsored by ‘Bighorn Security’ (locksmith) 1950 N. Main St. in Sheridan. Listed 117 Watts nights (no PSRA). 539 miles. Relog.
- 930 CJCA AB Edmonton – 10/28 2059 – Over KYAK, with end of Canadian version of David Jeremiah's “Turning Point” and ID “Serving Edmonton, Calgary, and Red Deer, CJCA Edmonton, AM 9-30, The Light”. Relog.
- 940 KGMS AZ Tucson – 10/29 0600 – Under KIXZ and Spanish language station, with ID “Your Good News Station, KGMS Tucson”. Listed 250 Watts nights. 568 miles. Relog.
- 940 KPSZ IA Des Moines – 10/29 0817 – Faded up over KVSH and KIXZ (which was running a promo for advertising on KIXZ), with a promo for advertising on KPSZ. 1099 miles. Relog.
- 940 KVSH NE Valentine – 10/29 0814 – On top of channel (over KIXZ), with local ad string including ‘Town and Country Insurance’ in Valentine 376-1427. Listed 500 Watts PSRA. 751 miles. Relog.
- 940 KIXZ TX Amarillo – 10/30 2159 – Over KGMS, with ID: “Serving the Texas Panhandle for over 80 years, KIXZ Amarillo” into USA News. 727 miles. Relog.
- 940 CJGX SK Yorkton – 10/31 0659 – Under KPSZ, with ID: “A Harvard Radio Station, serving Saskatchewan and Manitoba, we are GX-94”. 1011 miles. Relog.
- 950 KCAP MT Helena – 10/28 2059 – Under XEKAM and one other station, with usual top-of-hour furniture store jingle, ID and ABC news. 536 miles. Relog.
- 960 KFLN MT Baker – 10/29 0814 – On top of channel, with Country music, ID by live male announcer, and string of local political ads. Listed 373 Watts PSRA. 706 miles. Relog.
- 960 KNEB NE Scottsbluff – 10/29 0659 – Usual ID, including mention of translator on 100.3. Listed 350 Watts night power, 500 Watts PSRA. 579 miles. Relog.

- 960 KLAD OR Klamath Falls – 10/29 0558 – PSA for ‘Oregon High School Athletics Association’, ID: “Sports Radio 104.3 and 9-60 Sports, KLAD, K282CB Klamath Falls” into Fox Sports. 452 miles. Relog.
- 960.05 KNDN NM Farmington – 10/29 0759 – Traditional sign-on announcement by male announcer, followed by instrumental version of Star Spangled Banner, English PSA about voting in New Mexico, and various announcements and ads alternating between English and Navajo. Still off-frequency after several years. Listed 445 Watts PSRA. 355 miles. Relog.
- 970 KKRK ID Rupert – 10/28 2058 – Over KBUL, with rock music, “97.5 and 100.5 Balanced Rock” slogan (but no legal ID) at top-of-hour. 245 miles. Relog.
- 970 KBUL MT Billings – 10/30 0159 – ‘Dave Ramsey Show’, “News Talk 95.5” slogan, ID and Fox news. 540 miles. Relog.
- 970 WDAY ND Fargo – 10/30 0004 – ABC News followed by “WDAY Storm Tracker Weather” and promo for ‘AM Fargo-Moorhead’ morning show. 10/30 2102 – Weather break, then returned to high school football: Moorhead Spuds vs. Rogers Royals. 1033 miles. Relog.
- 980 KICA NM Clovis – 10/29 0559 – Way under KMIN, with promo for program airing Monday to Friday mornings 6 to 7 AM: “Only on the giant of the High Plains, the new KICA Clovis” (this slogan was once used by sister station KLVT-1230), followed by ABC News. I believe KICA has been mostly silent for at least five years. HPRN seems to have been struggling for the last several years, combining pairs of their stations into single operations and taking some stations off the air for very substantial periods of time (see note on KVOP-1090 below). Every few months for the past five years or so, they have announced that KICA was simulcasting a different one of their other stations, but I doubt that KICA was even on the air for most of that time. A local DXer also seemed to think this was true when I asked him last year. Listed 172 Watts nights. 675 miles. New, New Mexico #62.
- 980 KSVC UT Richfield – 10/30 1937 – Pregame show for high school football: Richfield Wildcats @ Delta Rabbits 6 PM (playoffs). 108 miles. Relog.
- 980 CJME SK Regina – 10/29 0814 – On top of channel, with the “Greg Morgan Morning Show, On CJME”. Canadian-themed news and talk. 905 miles. Relog.
- 990 KRSL KS Russell – 10/30 0748 – Country music and usual slogan: “Your Classic Country station”. Listed 30 Watts nights (no PSRA). 814 miles. Relog.
- 990 KSVP NM Artesia – 10/30 2159 – Was stumped to find Bulldogs high school football here. XECL airs the Calexico Bulldogs, and KSVP airs the Artesia Bulldogs, but California and New Mexico have both postponed their high school football schedules into next year. It turned out to be a rerun of an Artesia Bulldogs playoff game from December 5, 2015, against the Las Cruces Centennial Hawks, a game in which the Bulldogs secured the state championship. Listed 250 Watts nights. 689 miles. Relog.
- 990 KFCD TX Farmersville – 10/29 0558 – Strong signal, way over KRKS, with Spanish hymns, interrupted in progress at the top of the hour for legal ID including translator K260CX – 99.9 McKinney. Seemed too strong for listed 920 Watts nights. 1070 miles. Relog.
- 1000 WMVP IL Chicago – 10/29 0814 – Local morning sports talk show with phone number in area code 312. “Chicago's home for sports, ESPN 1000”. Ad for ‘Draft Kings’ said to mention promo code WMVP. 1377 miles. Relog, but much less common than the other large Chicago stations.
- 1010 KTNZ TX Amarillo – 10/30 2159 – Here we go again . . . blasting on day rig well after dark with EWTN chatter. Like many EWTN stations, this station has an absolutely terrible engineering track record, frequently running day rig all night over a period of several years. 730 miles. Relog.
- 1020 KCKN NM Roswell – 10/29 0558 – These guys are definitely back to full power, clobbering everything else on the channel on every wire. At least they're back on frequency after several years of being off-frequency. Spanish Contemporary Christian music, “Radio Visión” jingles, and very long multi-station ID at top-of-hour starting with WWRV-1330 New York City, with laser bursts after each station. 656 miles. Relog.
- 1020 KDKA PA Pittsburgh – 10/30 0100 – ID and CBS News, way under KCKN. They had been a fairly regular catch the past two years, but now with KCKN back at full power it's hard to hear them again. 1799 miles. Relog.
- 1020 KDYK WA Union Gap – 10/28 2100 – Faded up under KCKN and KTNQ, with ID by easily-recognizable female announcer: “This is KDYK 10-20 AM, translating on K229AD – 93.7 FM, Union Gap-Yakima”. 611 miles. Relog.

[continued next issue]



# 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

- RA-MA **Ray Arruda, Acushnet** – Drake R8A, SW8, Quantum Loop, 130' center-fed inverted V.  
 LB-NY **Linda Brodsky, Malverne** – Sangean PR-D5, SDRPlay RSPDx  
 BC-NH **Bruce Conti, Nashua** – Excalibur SDR, variable termination 50 x 75-ft SuperLoop at 60° northeast.  
 TF-NH **Tony Fitzherbert, Campton** – C Crane CC Radio 2E, Terk Advantage loop  
 HJH-PA **Harry Hayes, Wilkes-Barre** – C Crane Skywave, ALA-1530 loop  
 GL-NH **Ginnie Lupi, Concord** – CCRadio 2E + Select-A-Tenna  
 RL-NC **Russell Lay, Nags Head** – Sony ICF-SW7600GR, C Crane Skywave, internal loops.  
 DHM-PA **Don Moore, Zion** – Elad FDM-S2, Airspy HF+ Discovery; 220 meter BOG at 40 degrees, 200 meter BOG at 165 degrees.  
 PS-ON **Paul Snider, London** – Elad FDM-S2, Wellbrook ALA 1530 LN loop, MFJ-1020C tuner  
 RJS-OH **Bob Schroeder, Cincinnati** – SDRPlay RSP DX with random long wire  
 JW-PA **Jim Weber, Oyster Point** – Grundig S350, Sony ICF2010  
 MKB-ON **Mike Brooker, Toronto** – Grundig YB-400PE, XHDATA D-808, Sony SRF-39FP, C Crane Skywave, Panasonic RF-2200

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

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## DX TESTS

- 1220 WCPH TN **Etowah** – 1/2 0207 – Morse and sweep tones audible from test, mixing with WHKW, which was dominant. No music or spoken word segments audible. Poor. (RL-NC)  
 +++ - 1/2 0240 – Sweep tones, Morse Code IDs (“VVV,VVV,VVV WCPH,WCPH,WCPH”) on Special NRC test under UNID station running Focus on the Family. Code and tones still going until 0358. (LB-NY)  
 +++ - 1/3 0200 – DX test tried for but not heard, just WHKW and an UNID. (RA-MA)  
 1360 WNJC NJ **Washington Township** – 1/2 2338 – in to well past 0130 with slow code IDs, variety of tones: phone off hook, ascending, sweep, 1000 Hz. Weak under WDRC. (RA-MA)  
 +++ - 1/17 0503 – Sweep tones coming in faintly at this time. I think these guys are overdoing it a bit. (JW-PA)

## UNID

- 1120 unIDs -- - 1/7 0654 – Station with oldies fades in under KMOX. At 0659 another UNID station with man reading scriptures fades in. At 0701 KMOX back up with CBS news. Another UNID noted at 0720 with Mexican music under KMOX and at 0725 a station with C&W music. (LB-NY) *The oldies station could be WKAJ St. Johnsville, NY or WSME Camp Lejeune, NC. Mexican music might be WPRX Bristol, CT. KMOX used to own this frequency in the 1970s, but now not so much. Mike.*  
 1220 unID -- - 1/2 0240 – Over WCPH test with Focus in the Family; news at 0300 into conservative political discussion about upcoming election in Georgia; “1220 The Answer” slogan at 0308; at 0319 ad for Pepperdine University and investment fund that deals in “hard asset real estate” with 800 number given. (LB-NY) *I’m 99% sure this is the Cleveland blowtorch WHKW. Mike.*  
 1290 unID -- - 1/13 0437 – Someone here with Coast to Coast hosted by George Noury. In for a few minutes then faded. (LB-NY)  
 1720 unID -- - 1/17 1659 – Fair; signal popped up as if a sign-on, “Eye of the Tiger” by Survivor. At 1715 fair; still playing “Eye of the Tiger.” (BC-NH)

## TIS/HAR

- 1710 WQFG689 NJ **Hudson County** – 1/15 2240 – COVID and traffic information, ID'ed every few minutes as “WQFG689 owned and operated by Hudson County, New Jersey.” Faded in and out over several hours of checking. (LB-NY)

LOGGINGS

- 560 WFIL PA Philadelphia – 1/15 0728 – Over CFOS groundwave with "here's your forecast on WFIL" local weather, ad for Optima Tax Relief. (MKB-ON)
- 650 WSRO MA Ashland – 1/4 1618 – Adult standards, ads for "rock bottom air fares" and National Health Insurance, station promo: "If you would like to hear your own program on this station, call the station manager at 1-508-----, and it will be on 650-WSRO and 1410-WZBR" and into more adult standards, with deep fades. WSRO and WZBR are evidently simulcasting. (TF-NH)
- 730 WJTO ME Bath – 1/11 1620 – Oldies "Daydream Believer" and "Mr. Bojangles" way over usual WACE before fading under CKAC, through which I could hear WJTO owner Bob Bittner's distinctive voice. Hearing WJTO here is unusual, I have heard it only once before, the call stands for "Where Jets take Off" referring to the nearby Brunswick Naval Air Station. (TF-NH)
- WPIT PA Pittsburgh – 1/4 1704 – Over CKAC and CFZM-740 slop with ad for Help at Home, giving 412 Pittsburgh area code, local weather. (MKB-ON)
- 740 CFZM ON Toronto – 1/15 1743 – In strong with oldies format and numerous IDs and mentions of "Zoomer Radio." (LB-NY)
- 750 WQOR PA Olyphant – 1/12 1600 – Way atop with Silent Night, somewhat late for Christmas, followed by other holiday music before fading. (TF-NH)
- 790 WQXI GA Atlanta – 1/6 1708 – Presumed fighting WAEB and other talkers with news by woman in Korean. (MKB-ON)
- 870 WTIM IL Assumption – 1/6 2207 – On after sunset tonight. Tuned in to what sounded like a WTIM ID, Jim Bohannon Show with coverage of Georgia votes and protest in Washington DC, various ads (Newsmax, Zip Recruiter), "News Talk WTIM" IDs at 2234 and 2244. Good at times to very poor with WWL. (PS-ON)
- 910 WTOS ME Bangor – 1/13 2120 – ID's for WTOS, the "Mountain of Pure Rock" and "download the WTOS app", into more rock music. First time heard with this call, station was once WABI ("We're all behind it"), one of Maine's first two radio stations. (TF-NH)
- WPFB OH Middletown – 1/12 2153 – Heard the unmistakable Holy Rosary being said by female, EWTN mentions/promos, a few Sacred Heart Radio mentions at 2159, missed ToH ID though. Poor at times to very poor with WFDF, maybe WLAT and UNID oldies station. // to sacredheartradio.com stream. First time heard at this location. (PS-ON)
- 920 WBAA IN West Lafayette – 1/5 0034 – BBC World Service news program talking about US election results and Senate run-off election in Georgia, metal pollution in the Seine River, sports. Fair for a bit then lost to station mix including WMNI, WHJJ, WOKY, CKNX and others. // to Tune In stream. First time heard at this location. (PS-ON)
- WYBY NY Cortland – 1/13 1642 – Presumed with hymns and preaching, no ID but only religion formatted station on 920 in proximity to New England. Way over WHJJ for six minutes, first time heard here. (TF-NH)
- CKNX ON Wingham – 1/12 1640 – C&W music, local ad for "Market Shares" and "CKNX New Country Radio" promo, into more C&W, soon lost under WHJJ. (TF-NH)
- 940 WCPC MS Houston – 1/16 1731 – Local ad for mobile home business in Tupelo, MS, Pentecost Hour program. Fair to very poor. // to Tune In stream. First time heard at this location. (PS-ON)
- 960 WTGM MD Salisbury – 1/7 0605 – iHeartRadio mention and sports talk // stream, mixing with WEEL, WEAV and WATS. Very poor. (GL-NH)
- 980 WXLM CT Groton – 1/7 0632 – "WXLM" and several "News/Talk 980" IDs. Very poor amid QRM. (GL-NH)
- WCAP MA Lowell – 1/7 0636 – "On WCVB NewsCenter 5 at 11" followed by news by male announcer, including Governor Charlie Baker's condemnation of violence at the US Capitol. Sports scores, then an ad with a phone number with 978 area code. // stream. Very poor with lots of fading and QRM. (GL-NH)
- 990 WDCX NY Rochester – 1/13 0418 – Promo for Truth for Life "right here on WDCX. Promo for Insight for Living program with Pastor Chuck Swindall "on WDCX Rochester noted before they faded out. (LB-NY)
- CBW MB Winnipeg – 1/14 1705 – Totally creaming WDCX groundwave with local news, talk on Winnipeg Jets season opener. (MKB-ON)
- 1000 WLNL NY Horseheads – 1/10 0800 – Fighting nulled WMVP with mention of "Twin Tiers... New York" into USA Radio news. (MKB-ON)

- 1040 WHO IA **Des Moines** – 1/12 2145 – Under now regular WCHR with discussion about the federal government's role in distributing the COVID vaccine. Reception on this frequency has changed greatly with the demise of formerly regular CJMS here in northern New Hampshire. **(TF-NH)**
- WYSL NY **Avon** – 1/13 1625 – Dominant with local ad for Scotty's Auto Body repair, political news by woman, ad for a fire arms manufacturer, ID for the "Voice of Freedom – WYSL" and other stations including one on 95.5, WYSL Weather, local ads for Victor Chevrolet in Victor, NY, a law firm, a beer distributor at 3859 Buffalo Road and a musical sounder for WYSL, followed by more talk. **(TF-NH)**
- 1070 WFNI IN **Indianapolis** – 1/15 1601 – Over usual CHOK with promo for Pacers basketball "on 93.5 and 107.5 The Fan". No mention of AM frequency. **(MKB-ON)**
- 1110 WMBI IL **Chicago** – 1/16 1706 – Spanish language religious music, 1724 heard a Radio Moody mention in SS, more music. Fair at times to very poor with WJML. // to Simple Radio stream. First time heard at this location. **(PS-ON)**
- WMVX NH **Salem** – 1/14 1607 – Rock music, "Valley 98.9, the most fun on radio with the most fun music 24-7" station promo, into more rock music. Unusual to hear in Campton, although the super directional signal is only 85 miles south of home, WUPE in Pittsfield is regularly heard here. **(TF-NH)**
- 1150 WELC WV **Welch** – 1/15 2215 – FM-only station promo: "Your favorites play all weekend long on 98-7 Easy FM", 80's oldies. New. **(HJH-PA)**
- 1200 WTLA NY **North Syracuse** – 1/8 0630 – ID "This is ESPN R. 97.7 Syracuse and...?" Ad for electrician. Mention of Syracuse at 0633 into ad for mycomputercareer.edu. 0635 Sports Center update and promo for Al Michaels Show. **(LB-NY)**
- +++ - 1/16 0626 – Sports talk (mention of playoffs), series of ads and then a vehicle care ad mentioning Baldwinsville, a Syracuse suburb. At 0631 an ID of sorts by man: "ESPN Radio ...100.1". Very poor amid intense QRM. **(GL-NH)**
- 1230 WMML NY **Glens Falls** – 1/8 0714 – Deduced from a local ad that popped out of the slop, for Lily & David Fine Jewelers in the "Center Court of Wilton Mall" (Wilton Mall is in Saratoga Springs). Signal disappeared right after the ad. Very poor with lots of QRM and static. **(GL-NH)**
- 1240 WWCO CT **Waterbury** – 1/16 0713 – Music with female vocalist singing in Spanish popped up very briefly, // stream. Barely audible at 0715 with male vocalist, then faint "Viva" ID by woman at 0718. Very poor in QRM. **(GL-NH)**
- 1270 WLIK TN **Newport** – 1/7 0559 – Faded up with "...eastern Tennessee and western North Carolina since 1954, WLIK. Newport". Then jingle and into CBS news. Strongest in jumble. **(DHM-PA)**
- 1290 WWTX DE **Wilmington** – 1/8 1659 – Mixing with WNBF, station promo "Fox Sports Radio 12-90. Your home for Delaware high school sports" into presumed Townhall news but maybe it was another station coming up in the jumble. **(DHM-PA)**
- CJBK ON **London** – 1/13 0433 – Ads for Assisted Living and local Italian restaurant, ID as "It's -1 Celsius at 1290 CJBK" into song "Stand by Me" before fade-out. **(LB-NY)**
- 1300 WJMO OH **Cleveland** – 1/8 0723 – Fighting usual WOOD-Grand Rapids with "Praise 94.5...Cleveland's Inspiration Station all the time" promo. **(MKB-ON)**
- 1340 WYCB DC **Washington** – 1/5 0422 – Intermittently audible Gospel music with nice "WYCB" call sign ID at this time. **(JW-PA)**
- 1370 WXXI NY **Rochester** – 1/12 1649 – Weather report for lake effect snow west of Rochester, then lost in the mix for a while. Back faintly at 1655 with NPR's All Things Considered. // stream, very poor. **(GL-NH)**
- WKMC PA **Roaring Spring** – 1/12 1644 – Clint Black's "A Better Man" under local WFEA and another talker, very poor. // stream. **(GL-NH)**
- 1390 WLCM MI **Holt** – 1/11 1722 – Religious talk (End of the Age program), various religious promos/ads, "Victory 1390 WLCM" ID at 1729. Fair to poor with WFBL and WNIO. // to Simple Radio stream. **(PS-ON)**
- 1410 WPOP CT **Hartford** – 1/5 0802 – Alone on frequency with local traffic "on News Talk Radio WPOP and Fox 61". **(MKB-ON)**
- WLSH PA **Lansford** – 1/14 0721 – "Baby I Need Your Lovin'" and other oldies under WPOP, including instrumental version of "The Girl from Ipanema", then singing ID that started with the song "So Happy Together" but faded before I could hear a callsign. Reception very poor with lots of fading. Communication with Chief Engineer Chris Crumbliss via Facebook confirmed reception. **(GL-NH)**

- WSCW WV **South Charleston** – 1/15 2059 – Clear callsign ID at this time with mention of 14-10. **(JW-PA)**
- 1430 WNAV MD **Annapolis** – 1/8 1659 – “Multiple news awards winners from the Chesapeake AP Broadcasters Association – WNAV” in jumble. **(DHM-PA)**
- WNSW NJ **Newark** – 1/11 1630 – Way atop frequency with Relevant Radio ID's and program feed, discussion about Catholic genocide in Rwanda. WNSR is not usually heard here, signal is SSE from Newark area, but is over usual WENE. **(TF-NH)**
- +++ – 1/11 0025 – Religious talk by female and male announcers, Relevant Radio mentions. Fair at first to very poor with WXNT and CHKT. // to Relevant Radio stream. **(PS-ON)**
- 1470 WNYN NY **Ithaca** – 1/9 0120 – Under WSAN with oldies, “94.1 AM 1470” slogan and mention of Owasco Lake. **(LB-NY)**
- WSAN PA **Allentown** – 1/9 0101 – News and sports, iHeart Radio promos, ad for arthritis meds from myrescueproducts.com, ID as “WAEB AM 1470 iHeart Radio” (the real WAEB is actually on 790) into “Brainstuff program on eyesight. “iHeart Podcast 1470” slogan noted at 0142. **(LB-NY)**
- 1480 WDJO OH **Cincinnati** – 1/15 0703 – Under WSAR, playing oldies, including Beach Boys' "Barbara Ann" and The Blues Image's "Ride Captain Ride". Reception very poor but // to stream. **(GL-NH)**
- 1510 WLAC TN **Nashville** – 12/30 2350 – Fair with Healthy Living program, AM & FM ID: “this is talk radio 98.3 and 1510 WLAC”, Fox News at 0000. **(RA-MA)**
- WGKB WI **Waukesha** – 1/12 2136 – Man and woman discussing social media, mixed with WRNJ, both soon lost to WLAC. **(TF-NH)**
- +++ – 1/11 2250 – On after sunset with unidentified talk show, at 2359 heard "101.7 The Truth" slogan. May have signed off at 2301 or so as I could not hear them after that time. Fair to poor with WLAC. On January 4, 2021 WRRD changed to WGKB and to a format that supports Milwaukee's black community. **(PS-ON)**
- 1530 WLCO MI **Lapeer** – 1/4 2306 – On after sunset with "Another One Bites the Dust" by Queen, "US 103.1" slogan at 2309, "Cat Scratch Fever" by Ted Nugent, "Ultimate Classic Rock" slogan, more music. Good to poor with WCKY. // to us103.com stream. First time heard at this location. **(PS-ON)**
- 1550 WAZX GA **Smyrna** – 1/4 2325 – On day power/pattern with oldies, classic rock and some C&W music from such artists as Gerry Rafferty, Fats Domino, Elvis etc. Heard a couple of time announcements at 2340 and 2359, finally heard a quick "WAZX" ID at 0003, into "Dancing Queen" by Abba. Mostly dominating the frequency, good to poor at times with CBEF mostly buried. **(PS-ON)**
- WQCD OH **Delaware** – 1/7 0600 – ToH ID under CBC station: “WDLR....broadcasting from the Heartland Bank studio, this is central Ohio's...” then “CD 92.9” slogan. Into oldies. **(DHM-PA)**
- 1560 WGLB WI **Elm Grove** – 1/7 0559 – ID for this and W241CI 96.1 Milwaukee then into gospel music. About equal with New York. **(DHM-PA)**
- 1570 WUBG MA **Methuen** – 1/13 1710 – Unusual to hear after drop to 140 watts night power, with contemporary Christian music, and "download the K-Love app", over and under usual CJLV. **(TF-NH)**
- WVTL NY **Amsterdam** – 1/13 2243 – C&W music, “104.7, 1550 AM WVTL” ID at 2245, more music. Poor to very poor in station mix including WWCK. First time heard at this location. **(PS-ON)**
- 1580 WWCD OH **Columbus** – 1/6 1720 – Mentions of Columbus and Columbus Arts Council. Into rock format. No full ID heard but ad for Seventh Son Brewery, which is in Columbus, OH. Followed by mention of "CD Ninety-two Nine." **(RJS-OH)**
- 1600 WULM OH **Springfield** – 1/8 2301 – Choral music with brief talks by announcer. No ID heard, but // to Radio Maria stream on Simple Radio. Poor to very poor. **(PS-ON)**
- KRVA TX **Cockrell Hill** – 1/6 1750 – Music/Talk in Vietnamese; mostly female singers. Poor, in mix with other stations but clear, unaccented ID at 1804. New! **(RJS-OH)**
- 1620 WTAW TX **College Station** – 1/6 1818 – O'Reilly update on at 1818, continued through 1833, followed by "This date in Texas History." Clear ID at 1835. **(RJS-OH)**



# International DX Digest

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

All times are Universal Coordinated Time (UTC)

## TRANS-ATLANTIC DX

- 531 **ALGERIA** *Jil FM*, F'kirina Wilaya d'Oum El Bouaghi JAN 16 2200 – Good; techno pop music. [Conti-NH]
- 549 **ALGERIA** *Jil FM*, Sidi Hamadouche JAN 16 0558 – Fair; choral marching band national anthem. [Conti-NH]
- 684 **SPAIN** *RNE1* Sevilla JAN 12 0712 – Some audio seems Castilian, woman talking, no doubt *RNE1* Sevilla, one of our best split TA frequencies. WRTH 2021 shows 600 kW on page 367, 200 kW on page 527; which? [Hauser-OK]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. JAN 16 0100 – Good; "This is BBC Radio 5 Live," and BBC news at 1 o'clock with Justine Greene. [Conti-NH]
- 702 **IRAN** *VOIRI* Kiashahr JAN 9 0358 – Fair; man talking in Farsi, brief instrumental marking the hour, then the same man continued talking. [Conti-NH]
- 747 unID JAN 6 0627 – 80 fades per minute = a 1.333 Hz SAH between two TA signals. Nothing greater than 25 kW from Western Europe; *RNE5* Canary Islands, and/or synchro 10 kW from Cádiz, Iberia. Beyond that are Iran, Saudi, Sudan and Nigeria. (Once the major Netherlands channel, now only very low powers.) Also possible by now, the 500 kW NHK in Sapporo, where sunset will be 0716; easily heard before sunrise here. MWOffsets shows Canary .9982; Spain .9999; Japan .9999; Saudi .0008, Iran .0194. So nothing really fits exactly. Helpful as it may be, the trouble with mwoffsets is that many of the readings are years old, like 2017 for Canary, 2014 for Spain. [Hauser-OK]
- 837 **IRAN** *IRIB R.Isfahan*, Habibabad JAN 16 2200 – Constant subaudible het against 837 COPE; male speaker continued through the hour. Measured 837.118 kHz. [Conti-NH]
- 855 **ROMANIA** *R.România Actualitati*, Tâncabesti JAN 16 2200 – Good, over Spain; "Aici Bucurest, Radio Romania Actualitati, ora exacta," ID and time marker into news. [Conti-NH]
- 954 **TURKEY** *TRT Trabzon* JAN 9 0258 – Fair; interval signal and choral national anthem. [Conti-NH]
- 954 unID JAN 6 0625 – 72 fades per minute = a 1.2 Hz SAH between two TA signals as I am looking for such beats this time instead of logging every single 9-kHz carrier. Notable that this is only 6 kHz from my 960 local KGWA, which is not yet deadairing. Possibilities include Spain *Onda Cero* 50 kW, Czechia 200 kW, and *TRT1* Turkey 300 kW; a little late for the latter but maybe not too late at the year's latest sunrise date. MWOffsets shows 3 synchros from Czechia at .0000, .0001 and .0003, while Spain is .9996, and Turkey .997. But what about Czechia; have those MW already closed down? At this early hour we don't think of TP's, but maybe also possible is 100 kW from JOKR Tokyo where sunset will be 0743 UTC, offset .0000 kHz. [Hauser-OK]
- 1089 **UNITED KINGDOM** *TalkSport* synchros JAN 17 0600 – Fair; ad string ending with "One Way or Another" by Blondie bumper music into *TalkSport* promo and Sky News. [Conti-NH]
- 1179 **ROMANIA** *R.România Actualitati*, Galbeni/Vascau JAN 15 2200 – Fair; ora exacta ID and time marker into news. [Conti-NH]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros JAN 16 0500 – Good; "Jump" by Van Halen. [Conti-NH]
- 1305 unID JAN 6 0629 – Double-SAH, meaning at least 3 signals, primary beat counting as about 4 Hz. Nothing significant in Western Europe besides four *RNE5* synchros of 20/20/10/25 kW. MWOffsets accounts for three of them from 2015, 2018 and 2011 as at .9950, .9999, .000. This does imply that the one at minus 5 Hz be mainly responsible, which is the 25 kW, at Ourense. [Hauser-OK]
- 1422 **ALGERIA** *R.Algérienne*, Algiers JAN 9 0300 – Good; Radio Koran ID and brief announcement into Koranic recitation. [Conti-NH]
- 1548 **UNITED KINGDOM** *Gold*, London JAN 16 2200 – Poor; "This is Gold" jingle, and woman with news. [Conti-NH]

*Transatlantic carrier search:* JAN 8 0703-0707 – 603, 621, 639, 684\*, 729, 747(2), 774(2), 837, 882(2), 891\*, 909, 999, 1044, 1107, 1125, 1215 kHz. \*=strongest; (2) at least two carriers beating. Notable for its absence is 846, which used to appear even earlier after TP sunset at Kiritimati; is it off the air? JAN 16 0241-0244 – This time I am tuning the MW band in AM mode, 10 kHz steps, merely noting where

I can detect a 1 kHz het, and not bothering to ascertain whether it's above or below the domestic frequencies, but well-assuming these: 711, 819, 891, 909, 981, 1089, 1179 kHz. I would also have expected at least 531 and 621, but bottom of band suffers high line noise level peak. [Hauser-OK]

### PAN-AMERICAN DX

- 539.86 **NICARAGUA** YNA3OW *R.Corporación*, Managua DEC 30 0623 – Offset at 539.860, had to tighten my filter to get rid of WFLF a bit until they faded out. Caught a few mentions at times of Managua. Nicaragua #1 lifetime and country #19 for me from Charleston! Clip of some of the received audio at [www.youtube.com/watch?v=K8KUdb1G2kk](http://www.youtube.com/watch?v=K8KUdb1G2kk). [Van Horn-SC]
- 550 **COLOMBIA** HJHF *R.Nacional*, Marinilla DEC 30 0358 – Mixing with *Mundial*. Parallel 570 and online stream with Spanish pop music, straight out of the club! [Van Horn-SC]
- 550 **VENEZUELA** YVKE *Mundial*, Caracas DEC 30 0345 – Vibrant music in Spanish. In and out a bit but managed to match it up with the KiwiSDR at TWR – Dominican Republic. [Van Horn-SC]
- 570 **COLOMBIA** HJND *R.Nacional*, Bogotá DEC 30 0354 – Distinct "Radio Nacional de Colombia" ID. Upbeat music in Spanish, parallel online stream. Aircheck of ID is available at [www.youtube.com/watch?v=jeemKGLK8Oc](http://www.youtube.com/watch?v=jeemKGLK8Oc). [Van Horn-SC]
- 580 **MEXICO** XELRDA Piedras Negras, Coah. JAN 3 0836-0846 – Poor but steady underneath KMJ with ranchera music and several "La Rancherita de Aire" mentions by male. Parallel stream. Mexican log lists at 2.5 kW nights at 991 miles. [Battaglino-CA]
- 600 **NICARAGUA** YNA3MD *La Nueva Radio Ya*, Managua JAN 3 0339 – With both Cubans missing, this one dominated briefly with multiple "La Nueva Radio Ya" ID's. Caught a few mentions of Managua and Nicaragua before catching the ID's in the aircheck at [www.youtube.com/watch?v=io07R7\\_GG1M](http://www.youtube.com/watch?v=io07R7_GG1M). [Van Horn-SC]
- 610 **MEXICO** XEGS Guasave, Sin. JAN 3 0959-1001 – Fair with no sign of KAVL; children's choir Mexican national anthem – long version, multiple verses – sailed straight through the top of the hour. 1 kW at 739 miles. [Battaglino-CA]
- 640 **CUBA** *R.Progreso*, La Habana-Guanabacoa//Las Tunas-Jobabo JAN 11 1030 – Good signal using just a Tecsun PL-880; ID on the half hour after Cuban music. [Turner-AL]
- 640 **MEXICO** XEJUA Cd. Juárez, Chih. JAN 3 1101-1107 – Steady underneath KFI; grupera music and several "La Lupe" mentions between songs also "seis cuarenta" mentioned as well. 5 kW at 590 miles. [Battaglino-CA]
- 650 **COLOMBIA** HJKH, *RCN Antena Dos*, Bogotá JAN 9 1048 – Regional music and frequent canned "Antena Dos" ID's. Very strong signal with sunrise at transmitter site peak. [Beu-TX]
- 680 **DOMINICAN REPUBLIC** HI838 *R.Zamba*, San Ignacio de Sabaneta JAN 3 0635 – Upbeat, accordion-based Spanish music, then a nice ID before more music. Call letters based on what is listed at MWlist. Caught an aircheck of the ID at [www.youtube.com/watch?v=iCC4tNSNNg8](http://www.youtube.com/watch?v=iCC4tNSNNg8). [Van Horn-SC]
- 750 **CUBA** *R.Progreso*, Palmira DEC 30 0404 – Parallel 640 and others, lots of flutter on the signal. Have heard them distantly in the past but this southern Kaz antenna really brings them to the surface. [Van Horn-SC]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá JAN 9 1035 – News talk with man and woman announcers. Good signal. [Beu-TX]
- 870 **ARGENTINA** LRA1 *R.Nacional*, Buenos Aires JAN 12 0559 – Tentative. Signature 5+1 pips during extended "dead air" from co-channel WWL. Several Spanish language stations in the mix, so not 100% sure of ID. Thanks to Tim Hall's DX'pedition log published in IDXD for time pips info on *R.Nacional*. [Beu-TX]
- 870 **CUBA** *R.Reloj*, Baracoa-Van Van//Bueycito//Sancti Spiritus JAN 16 0559 – News format and "RR" code ID's. Fair signal. [Beu-TX]
- 930 **CUBA** *R.Reloj*, Cienfuegos-Malecón//La Jaiba//Santiago de Cuba DEC 29 0138 – News format. Good signal. [Beu-TX]
- 1000 **MEXICO** XEFV Cd. Juárez, Chih. JAN 9 0735-0745 – Poor under KOMO and against splash from local KXPS; multiple ranchera musical selections and "La Rancherita" mentions. Parallel stream. 1 kW at 594 miles. [Battaglino-CA]
- 1250 **MEXICO** XEDK, *DK 1250*, Guadalajara, Jal. JAN 7 0259 – "DK 1250," then Radiorama news; good in brief fade up; Jal. #6. [Jeziorski-QRO]
- 1270 **MEXICO** XERPL *La Poderosa*, León, Gto. JAN 11 0557 – La Poderosa, 93.9, earlier mention of Guanajuato; poor though alone; Gto. #8. [Jeziorski-QRO]
- 1290 **BRAZIL** ZYH888 *R.Timbira*, São Luis JAN 4 0801 – Very weak audio but steady carrier at offset of 1290.2850 kHz. Tightened up my filtering in the Jaguar software and was able to pull some weak audio. From this I was able to run it up against their stream and able to get



a parallel off of some very distinct vocal melody lines in one particular song. Based on the widely reported offset and what I was able to parallel feel good to put them in the logbook, but I will be going back to this one repeatedly until I am able to pull enough audio to upload a worthy aircheck to YouTube. Still, this is my first ever Brazilian and country #20 in Charleston! Oddly enough, the carrier had stronger peaks on my northeast-facing (70°) Kaz than my southern facing (170°) Kaz which had been a flamethrower and received all of my other logs in this submission. Will keep checking though! [Van Horn-SC]

1340 **MEXICO** XENV Monterrey, NL JAN 2 0458 – Call ID, 1 kW, and "Nuevo León"; briefly fair; NL #11; 342 mi/551 km. [Jeziorski-QRO]

1360 **MEXICO** XEZON Zongolica, Ver. JAN 12 2359 – News on voting and COVID, call ID, children's choral anthem, then off air with carrier remaining over KKTU; faded up to very good at signoff; estado #19. Veracruz has gone from 66 AM stations in 2000 to about 10, making a once easy estado more of a challenge. [Jeziorski-QRO]

*Loyd Van Horn speaks:* Recently put up a new Kaz here in the yard and with the termination at the 350° end, have been pulling in Latin Americans like I have never even dreamed of being able to do! Two lifetime new countries for me this week: Nicaragua and Brazil, plus added more from countries such as Dominican Republic and Venezuela where I only had one station logged previously! As a side note, I will be doing a little DX'pedition to the Outer Banks the first week of February. Going to be putting up a DKaz pointed towards the Canadian Maritimes and Europe along with various loops, etc. Hoping to have lots of loggings to send your way after that one (though it might take a while to go through all of the recordings).

#### TRANS-PACIFIC DX

693 **JAPAN** JOAB, NHK2, Tokyo DEC 31 0815-0820 – Good; female host speaking in Japanese. 500 kW at 4,186 miles. [Battaglino-BC]

945 **CHINA** CNR1 Jiaohe DEC 31 0915-0925 – Good; male and female speaking in Chinese between musical interludes. 400 kW at 4,239 miles. [Battaglino-BC]

954 **JAPAN** JOKR, TBS Radio, Tokyo DEC 31 0925-0940 – Solid signal; the After 6 Program featuring a male host and female guest host speaking in Japanese between uptempo music breaks. 100 kW at 4,198 miles. [Battaglino-BC]

972 **SOUTH KOREA** HLCA, KBS, Dangjin DEC 31 0941-0945 – Armchair level copy of a male and female having a discussion in Korean. 750 kW at 4,610 miles. [Battaglino-BC]

1205.96 **CHINA** Yanbian RGD Korean News, Yanji/Longjing DEC 31 0830-0846 – Armchair copy with male and female hosts having a discussion in Korean. 200 kW at 4,206 miles. [Battaglino-BC]  
JAN 17 1200 – Only 10 dB above noise floor or adjacent interference, not enough to produce audio, but most certainly this measured at the unique 1205.96 kHz offset frequency. [Continu-  
NH]

1242 **JAPAN** JOLF, NBS Nippon Hoso, Tokyo DEC 31 0900-0910 – Good; talk show featuring what sounded like 3-4 males speaking in Japanese. Time pips noted at top of hour. 100 kW at 4,207 miles. [Battaglino-BC]

1278 **JAPAN** JOFR Fukuoka DEC 27 0911 – Fair with lots of fading. Male and female host conversing. 50 kW at 4,651 miles. On Google maps antenna is located on a base that is in the tidal flat waters ~50 yards from the shoreline. [Battaglino-BC]

1287 **JAPAN** JOHR, HBC Hokkaido Hoso, Sapporo DEC 27 0905 – Good fading to fair; music program hosted by two female presenters conversing between songs. 50 kW at 3,765 miles. [Battaglino-BC]

1296 **JAPAN** JOTK, NHK1, Matsue DEC 27 0853 – Armchair copy; play-by-play of Emperor's Cup soccer match with two male announcers. Clearly copied the time pips at the top of the hour over the PXP. 10 kW at 4,477 miles. [Battaglino-BC]

1314 **JAPAN** JOUF R.Osaka, Osaka DEC 27 0845 – Very good; male and female hosts conversing about – who knows? – wishing I spoke Japanese at this point. 50 kW at 4,418 miles. [Battaglino-BC]

1503 **JAPAN** NHK1 Akita//Aso DEC 27 0814 – Fair to good; play-by-play of a soccer match (Emperor's Cup). JOUK Akita 10 kW at 3,982 miles. [Battaglino-BC]

1566 **SOUTH KOREA** HLAZ, FEBC, Jeju Island DEC 27 0803 – Armchair copy; O Come Emmanuel and other choral hymns with a female host. 250 kW at 4,807 miles. [Battaglino-BC]

*Transpacific carrier search:* JAN 9 1350 – Quite a while since I have done this as a night-owl sleeping past sunrise here; but I happen to be awake so I check anyway although the sun has just arisen at 1343, which is just past the latest of the year at 1344 UTC. On the hand-held DX-398 with internal antenna only and battery power, I do hear plenty of carriers as 9-kHz tuning is slightly offset minus, audiblizing each where they exist, not exactly in the order tuned: 594, 693, 729, 747, 774, 828, 873, 972,

1044, 1053, 1089, 1134, 1242, 1287, 1566 kHz. All checked loop northwest from East Asia rather than west/southwest from Down Under, as apropos for mid-winter/summer. Likely sources are: 594, 693, 747, 774, 828, 873, NHK Japan superpowers; 972, 1134, 1566, Korea South; 729 Japan 50 kW, or China and Vietnam each 200 kW; 1044, China 600 kW; 1053, Japan or China 50 kW; 1089, China 600 kW; 1242, Japan 100 kW; 1287, Japan 50 kW. All glancing thru the WRTH 2021 frequency listings where the powers are outstanding. As 1400 approaches I am still getting 747 and 774 carriers, so I hope to detect NHK time pips for a tad more certainty, but this is not to be as nearby 780 KSPI Stillwater starts clanging music at 1359; for Pete's sake! [Hauser-OK] JAN 16 1100 – 693, 747, 774, 945 kHz. Then at 1200 UTC observed 747, 774, 837, 945, 1134, and 1143 kHz. JAN 17 1200 – 639, 693, 747, 774, 945, 972, 1188, 1206 kHz. [Conti-NH]

### CONTRIBUTORS

Stephanie Battaglino, Palm Desert CA; Perseus with Jaguar Pro, Wellbrook ALA 1530 LNP mounted on a Hy-Gain AR-500 rotor at 22 ft, RPA-2 Preamp, ANC-4 Phaser.

Stephanie Battaglino, Masset BC; Haida Gwaii KiwiSDR with 750-ft north-facing BoG.

Mike Beu KD5DSQ, Austin TX; Drake R8B, terminated Delta antenna (17-ft apex and 28-ft base) northeast, mini-Flag antenna (7 by 15-ft) southeast.

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

Mike Jeziorski, Juriquilla, Querétaro, México; Sony ICF-2010, no external antenna.

Bryan Turner, Athens AL; Airspy HF+ Discovery and approx. 66-ft wire, Tecsun PL-880, Panasonic RF-2200 and Select a Tenna.

Loyd Van Horn W4LVH, Charleston SC; Perseus with Jaguar Pro v6, 12 x 48-ft Kaz oriented at 170° with a Wellbrook FLG100LN amplifier.

73 and Good DX!

# Musings of the Members

Please send material for *Musings* to [NRCDXNews@gmail.com](mailto:NRCDXNews@gmail.com)

## Wayne Heinen – Aurora CO

“You have the honor of being the weakest reception of WCPH for either week...” from an email from Les Rayburn NRC/IRCA CPC Chairman. for the WCPH-1220 DX Test. I’ll take it! My 14<sup>th</sup> new one on the 2020-2021 season. My listening has been to newer recordings and all the pertinent info is in DDXD-W this week. My log moved from 511 to 523, I need 115 more logs to get to the 2019-2020 total of 638. It still gives me a challenge. Over the Holiday I found a Wellbrook ALA1530LN being offered on a Ham radio swap list He started at \$275 and I waited a bit and when he went to \$225, I offered \$180 and we settled for \$200. It’s in pristine condition and as the weather improves, and the snow on the north facing back side of the house melts off, I’ll get a small rotor and mount it on a 15-foot pipe I have. This will make a great addition to the flags! I have an idea for a small house mounted vertical antenna as well... These should round out the antenna farm. I’ve spent some time working on the shack and getting things back in service. A friend will be coming over to help me with getting coax connectors on some feedlines, the old hands don’t quite crimp like they used to! I have the new battery backup system in place (an Optima SSM battery) and a now discontinued West Mountain Radio PwrGate charging controller. That allows me to run the trustee Drake R8B and portions of the ham station when we lose power. Always something to keep a retiree busy. I still have audio files from December to wade through. I just brought a copy of SDRConsole (V3) to use with the SDRPlay units on line. My thanks to Loyd Van Horn for some help with getting that downloaded and installed! I’m working on the “learning curve” and it does seem to have a few advantages over SDRUno which I have been using. SDRConsole is free to download and the developer takes donations, where as SDRUno is written by the SDRPlay folks and totally free. That’s it til next time 73 & Good DX!

## Unreported Domestic Stations

Only one station was reported to DDXD this issue for the first time since at least Volume 67 (1999-2000): KWMC-1490. Down to 270 stations (not counting LPRT and HAR/TIS stations of less than 100 watts). in the United States and Canada not reported to DDXD at all during this period. Can you log and report one for next issue? The most recent list was published in issue #1 – if you’d like an updated list by e-mail, send a request to the publisher at [NRCDXNews@gmail.com](mailto:NRCDXNews@gmail.com).



# October 2020 Rockwork 2 Asian DXpedition

## The "Asia Cliff" Provides an Unforgettable Debut Experience

Gary DeBock, Puyallup WA – December 2020

For the past 9 years Mount Neahkahnie on the Oregon coast has offered west coast DXers the chance to chase superb DU-DX in the summer from highly elevated Highway 101 turnoffs, breaking west coast New Zealand MW and South Pacific NDB DXpedition records, as well as becoming an ideal testing ground for compact broadband and FSL antennas. These "Rockwork" turnoffs have always been identified with DU-DXing in summer weather – since the ocean cliff environment was thought to be too risky for DXing in other seasons, and since all the cliffs seemed to be facing toward the South Pacific. Or are they?

As it turns out Mount Neahkahnie does have a western face, and one of the largest Rockwork turnoffs is located right at the point where the cliff's southwestern face becomes a western face (see photo below). When you view the salt water beach below this turnoff, however, you will see that it has an ideally shaped cove facing due west toward the Asian direction – exactly how the most popular DU-DXing turnoff (Rockwork 4) has an ideally shaped cove facing in the South Pacific direction. But serious Asian DXing had never been attempted at this Asia-oriented Rockwork 2 turnoff. Was this another transoceanic signal-boosting venue waiting to be discovered, offering TP-DXers the chance to enjoy cliff-boosted Asian signals far stronger than what would seem likely with their small antennas?

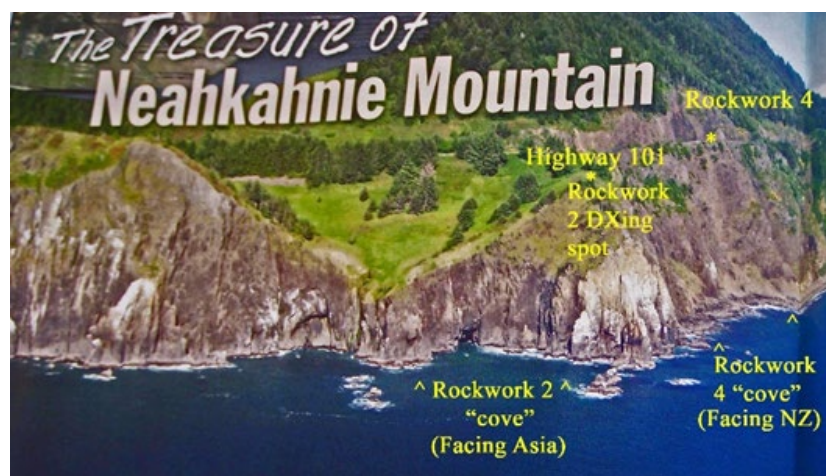
To answer this question I decided to visit this Asia-oriented Rockwork 2 turnoff with a tiny antenna indeed – a 6 inch (15cm) diameter FSL that can be held in one hand. As for the receiver, a modified pocket radio (7.5 inch loopstick C.Crane Skywave) would be used in a live DXing format, and a Sony ICD-SX57 digital recorder would keep a record of any interesting catches. As for the "Asia Cliff" investigative mission, I knew that simple reception of only Japanese, Korean and Chinese signals wouldn't impress anybody, since all of these can easily be received at most TP-DXers' home locations. "Big gun" reception of stations like 738-Taiwan and 1575-Thailand also wouldn't convince anyone that the cliff was boosting Asian signals, even with a 6 inch antenna. In my opinion, what would be some pretty

convincing evidence would be the reception of any MW station from Bangladesh, Cambodia, Myanmar or India. The concept of a 6 inch antenna tracking any of these down would seem to border on science fiction, and had never been seriously attempted or completed on the west coast of the continental U.S. So why not give the Asia-oriented Rockwork 2 cliff this "acid test," and see if it could pull off such a shocker?

Well, the Rockwork 2 cliff did indeed pull off such a shocker in mid-October, providing reception of not only 576-Myanmar, 594-Myanmar and 675-AIR (India), but probable reception of 729-Myanmar and 918-Cambodia as well. Hawaiian DXing experience was helpful in going after these exotic Asian stations, but with apologies to Winston Churchill, never had such a small antenna tracked down so much long range transoceanic DX under such thin odds.

As a live DXer with only two modified pocket radios and two small FSL antennas I had no hope of covering the entire MW band during the four day trip, so I concentrated on investigating any "Asian Cliff" transoceanic signal boost, especially in the reception of obscure long range stations. An ocean side cliff is unlikely to win any comfort awards in October, but if DXers could be convinced that Rockwork 2 has special Asian propagation to offer as compensation, it could provide a fascinating new option for peak season long range DXing in the Pacific Northwest.

So here are the "boosted" recordings made on the ocean cliff with modified pocket radios (CCrane Skywave and XHDATA D-808) and 6 inch (15cm) diameter FSL antennas. This modest gear was never



really designed to go after long range transoceanic DX, but in addition to great Asian propagation during the trip it definitely seemed to have something else going for it. Could the same tiny gear pull in the same exotic results on a flat ocean beach? Readers are welcome to make their own judgment – I've already made mine!

In the loggings below, click on the date and time for each reception to hear a recorded clip (in the e-DXN version only). An S-9 reception is indicated by a **bold underline** on the frequency.



- 530** ALASKA ADK Adak, 5 kW – [OCT 14 1143](#) – This potent aeronautical beacon became an S9 pest at times with heavy splatter on 531, especially in the predawn darkness.
- 531** JAPAN JOQG, Morioka, 10 kW – [OCT 16 1445](#) – This was a reliable S9 performer during sunrise sessions (such as at 1445 on 10-16), but an apparent Philippine station often matched it in strength.
- 531 UnID Chinese – [OCT 16 1354](#) – Chinese intonation under JOQG, but too weak to identify.
- 531** UnID Philippines? – [OCT 16 1315](#) – This powerful station played old American classic music, and could often exceed JOQG in strength; the only time an apparent ID showed up was at 19 seconds into this recording. [OCT 16 1235](#) – Another example of this unID station's potent strength.
- 540** CHINA CNR-1 synchros – [OCT 14 1345](#) – Uncoordinated but dominating over NHK1 with potent strength, these synchros occasionally were strong enough to be heard under 540 domestic stations.
- 540 JAPAN NHK-1 synchros – [OCT 14 1346](#) – Briefly equal with CNR-1, these stations usually had a rough time getting out from under the Chinese echoes.
- 567** JAPAN JOIK, Sapporo, 100 kW – [OCT 14 1157](#) – One of the most reliable Japanese big guns, such as here in the predawn darkness.
- 576 JAPAN NHK-1 synchros – [OCT 14 1453](#) – Never really very strong, the anemic signals from these stations were perfect for reception of Myanmar on the frequency. These signals were typical.
- 576 MYANMAR Myanma Radio, Yangon, 100 kW – [OCT 17 1435](#) – Because of the weak signals from NHK-1 this exotic station was actually received on all four days at the cliff, but never before 1420 (which was pretty late in sunrise enhancement). Peak signals ranged from fair to good, although usually it was just as anemic as NHK-1, and C.K. Raman's language identification (on Real DX) was necessary to determine identity. This was perhaps its strongest signal, with Burmese male speech. [OCT 16 1442](#) – This was a typical mix of Myanma Radio (male speaker in Burmese) and NHK1 (female speaker in Japanese) late in sunrise enhancement. [OCT 16 1429](#) – Here Myanmar's male pop music on 576 was edging out NHK-1's female-male conversation, resulting in a successful 594 parallel check during the last 17 seconds of the recording (with the same male vocal music showing up under JOAK). [OCT 15 1427](#) – Female Burmese speech at a moderate level was mixing with NHK-1 interval music; the recording includes an unsuccessful parallel check with 594 (from 27 seconds to 31 seconds) and some Burmese male speech at the end of the recording (thanks to C.K. Raman for language identification).
- 585 JAPAN JOPG, Kushiro, 10 kW – [OCT 14 1205](#) – Dominant over unID Chinese co-channel with moderate strength.
- 585 UnID Chinese – [OCT 14 1205](#) – Unknown station with female Chinese speech under JOPG; only showed up rarely.
- 594** JAPAN JOAK, Tokyo, 300 kW – [OCT 16 1456](#) – Overall this was one of the strongest Japanese big guns but co-channels could still make an appearance. Even though it was on a romp at this time, some female Chinese from an unID station still snuck in underneath.
- 594 MYANMAR Myanma Radio, Naypyidaw, 200 kW – [OCT 16 1429](#) – JOAK's loud signal made reception of this exotic station very tough, but after multiple unsuccessful 576-594 kHz parallel checks (because of JOAK's strength) one of them finally brought up the same Myanma Radio content on both frequencies. At this time some male vocal music on 576-Myanmar was gradually edging out NHK-1's Japanese female-male conversation (from 1 to 30 seconds in the recording) when I switched to 594, and found the same male vocal music under JOAK (from 31 to 47 seconds). [OCT 16 1430](#) – A few seconds after this successful parallel check, 576-Myanmar's signal (during the first 5 seconds of the following MP3) was

almost gone, but 594-Myanmar's signal with the vocal music (under JOAK) was stronger than ever. This was the exotic station's strongest appearance during the trip. After some communication with Walt in Masset he was also able to hear the 576-594 Myanmar parallel at a different time, with both of us enjoying exceptional conditions during our attempts.

- 594 **UnID** Chinese – [OCT 16 1456](#) – The unknown station with female Chinese under JOAK must have had some serious strength to be heard, since the Japanese big gun was way over S9 at the time.
- 603** **SOUTH KOREA** HLSA, Namyang, 500 kW – [OCT 16 1335](#) – Dominant over NHK-1, and usually strong throughout sunrise enhancement.
- 603 **JAPAN** NHK-1 synchros – [OCT 16 1335](#) – Usually hanging around under HLSA, such as at this time, but rarely competitive with it.
- 639 **CHINA** CNR-1 synchros – [OCT 17 1432](#) – Poorly synchronized signals dominant over JOIP (// 594) at this time. This was the usual dominant station on the frequency.
- 639 **JAPAN** JOIP, Oita, 5 kW – [OCT 17 1432](#) – Male-female Japanese conversation //594 under CNR-1 at 1432.
- 639 **JAPAN** JOPB, Shizuoka, 10 kW – [OCT 14 1442](#) – English lessons dominant over unID (probably CNR-1).
- 648 **JAPAN** JOIG, Toyama, 5 kW – [OCT 14 1410](#) – Dominant with male Japanese speech // 594; there are two co-channels – an unID music station (AFN?) and female Asian speech later in the clip.
- 648 **UnID** Chinese – [OCT 14 1408](#) – Female Chinese speech at the beginning of this recording, with JOIG.
- 657** **NORTH KOREA** Pyongyang BS, Kangnam, 1500 kW – [OCT 15 1317](#) – Stern male Korean speech, over weak music (Henan?). [OCT 17 1342](#) – Distinctive female vocal music.
- 675 **CHINA** Nei Menggu synchros – [OCT 14 1415](#) – Multiple female speech echoes at strong strength, mixing with NHK-1 at this time. This was one of the more memorable recordings from the trip, since these synchros don't usually seem to be so uncoordinated in West Coast recordings.
- 675 **JAPAN** NHK-1 synchros – [OCT 16 1408](#) – Dominant with good strength during the final part of this recording.
- 675 **INDIA** All India Radio, Itanagar, 100 kW – [OCT 16 1408](#) – A real mystery was female English speech mixing with NHK1 at this time, there was no DU propagation during the exceptional Asian propagation on that day, and there didn't seem to be any reports of 675-English programming from Asia at this time in the Northwest. After a very detailed investigation (described in the Appendix) the female voice was identified as that of Ms Morgam Bagra on AIR Itanagar, who confirmed that it was her voice in the recording.
- 675 **UnID** Asian – [OCT 14 1414](#) – Female speech, mixing with NHK-1 and not following the Nei Menggu synchros – KBS?
- 684 **JAPAN** JOAG, Nagasaki, 5 kW – [OCT 14 1420](#) – Good strength with vocal music and a female "NHK" ID at 34 seconds.
- 684 **UnID** Philippines? – [OCT 14 1421](#) – Tagalog-sounding -sounding female speech after some instrumental music from 1:20 to 1:40, in a mix with JOAG.
- 693** **JAPAN** JOAB, Tokyo, 500 kW – [OCT 16 1440](#) – Although the Japanese big gun was a real blaster, this frequency got a lot of attention because of a certain exotic station located in SE Asia. Some co-channels were received under the NHK2 pest but usually its English lessons were S9+, as in this clip.
- 693 **UnID** Asian – [OCT 16 1418](#) – A co-channel is clearly audible under JOAB here, featuring a male voice in a mystery language, and then some music. Since two Myanmar stations were received during the same sunrise session on the cliff, this unID station could possibly have been the "exotic target."
- 702** **JAPAN** NHK-2 synchros – [OCT 15 1403](#) – Excellent strength with English lessons over China (and off-frequency KCBS-generated hum).
- 702 **UnID** Chinese – [OCT 15 1403](#) – Female speech under NHK-2 at the beginning of this recording; Jiangsu is usually received on this frequency in Hawaii.
- 729** **CHINA** Jiangxi RGD synchros – [OCT 17 1442](#) – This a major pest on the frequency (along with JOCK), making it very tough to go after an exotic target station (Myanmar). At this time, the Chinese and Japanese pests were in an S9 mix, completely locking down the frequency.
- 729 **JAPAN** JOCK, Nagoya, 50 kW – [OCT 14 1418](#) – This NHK-1 station was a serious pest, jumbling up the frequency during possible reception of Myanmar at this time, with male Japanese speech over female speech from the mystery station.
- 729 **UnID** Asian (Myanmar?) – [OCT 14 1418](#) – Female speech in a mystery language mixing with JOCK's Japanese male speech; doesn't sound like any common east Asian language. The

voice, intonation and language seem to match a female speaker on 729-Myanmar recorded in Hawaii ([NOV 4 \(2018\) 1542](#), with a mention of Myanmar at 11 seconds). [OCT 14 1417](#) – An extended Rockwork cliff recording of the same female speaker features a little more of her distinctive speech, prior to the segment recorded above (which starts at 38 seconds).

- 738** **TAIWAN** BEL2, Penghu, 100 kW – [OCT 14 1416](#) – Although DXers had commented that this station's signals seemed to be down this season, you certainly wouldn't know it by hearing this S9+ female Chinese speech. Over HLKG, an UnID Mainland station and the Rumbler.
- 738** **SOUTH KOREA** HLKG, Daegu, 100 kW – [OCT 14 1340](#) – This station was usually in the mix with BEL2 during sunrise enhancement but rarely competitive with it. An exception was in this recording, when it was almost alone at S9 with Korean male vocal music // 864 (during the first part of the recording).
- 738** **RUMBLER** – [OCT 14 1342](#) – This pest station with throbbing noise hitting an S9 peak over BEL2; it was usually hanging around at some level each session.
- 738** **UnID** Chinese – [OCT 14 1415](#) – Female Chinese from a Mainland station mixing with BEL2's female Chinese and HLKG's Korean in a wild mix, finally ending with BEL2 becoming dominant.
- 738** **UnID** Japanese – [OCT 14 1356](#) – One of the Japanese commercial stations with male speech, mixing with apparent Korean pop music from HLKG.
- 756** **CHINA** CNR-1 synchros – [OCT 14 1403](#) – Female speech and (typical) multiple echoes; usually weaker than the Korean Clandestine co-channel.
- 756** **JAPAN** JOGK, Kumamoto, 10 kW – [OCT 17 1400](#) – NHK 3+1 time pips and female Japanese "NHK Hoso" ID at 22 seconds into this recording, in a mix with female Korean from the clandestine station and CNR-1 noise. According to Chris Kadlec, the clandestine station featured a KBS-1 network ID overlapping with the NHK-1 ID during the 1400 TOH routine.
- 756** **SOUTH KOREA** "Radio 756 AM" (Korean Clandestine) Yeonchon, 100 kW. – [OCT 17 1412](#) – Operated by South Korea's National Intelligence Service, this talk-format station (its pattern during our sunrise enhancement hours) acted like a big gun TP on the cliff. This male-female conversation with an interval signal and female speech was over S9 at this time. [OCT 16 1410](#) – S9 female Korean speech over CNR-1 noise. [OCT 17 1405](#) – Female Korean speech and introductory music for a program starting at this time. [OCT 17 1417](#) – Female-male Korean radio drama.
- [OCT 17 1359-1418](#) – This 18-minute segment was recorded primarily for Chris Kadlec, who has interest in the station. Chris said that there is a KBS-1 ID from the clandestine station after the JOGK 3 + 1 pips at the 1400 TOH (something that I never heard), and that the KBS1 programming continued on the Korean Clandestine station for the full 18 minutes.
- 765** **UnID** Chinese – [OCT 14 1243](#) – Female Mandarin speech over weak instrumental co-channel.
- 783p** **CHINA** Hebei RGD synchros – [OCT 15 1439](#) – Female and male Chinese conversation format at good strength; weak co-channel underneath (Voice of Strait?) peaking at around 35 seconds. [OCT 16 1400](#) – ToH routine, once again with a weak co-channel.
- 828** **JAPAN** JOBB, Osaka, 300 kW – [OCT 16 1322](#) – Huge strength with Chinese lessons over weak Chinese co-channel (showing up at 15 seconds into this clip).
- 837** **CHINA** Harbin, 50 kW – [OCT 17 1400](#) – This was one of the strongest Chinese stations during the trip, and usually dominant on the frequency. It was at overwhelming S9+ strength for the TOH ID here, although a Tagalog-speaking lady was still audible underneath. [OCT 15 1359](#) – Another S9 ToH routine with NHK-1, with the Japanese network 3 + 1 pips 20 seconds ahead of Harbin's 5 + 1 pips; a possible third TP is audible toward the end of the clip.
- 837** **JAPAN** NHK-1 synchros – [OCT 14 1358](#) – Hitting S9 peaks with Japanese male speech in a mix with Harbin; oddly enough the NHK1 network 3 + 1 pips (at 1:16) are 20 seconds ahead of the Harbin 5 + 1 pips (at 1:36).
- 837** **UnID** Philippines – [OCT 17 1400](#) – Apparent Tagalog female speech under Harbin's 5+1 time pips (during the first minute of the recording). [OCT 17 1335](#) – Apparent Tagalog female speech mixing with Harbin's music.
- 846** **JAPAN** NHK-1 synchros – [OCT 16 1320](#) – Japanese female speech at fair level.
- 864** **SOUTH KOREA** HLKR, Gangneung, 100 kW – [OCT 15 1305](#) – Interval music and male Korean speech over Japanese co-channel's female speech; often a big gun on the cliff.
- 864** **JAPAN** JOXR, Okinawa – [OCT 16 1258](#) – Usual male conversation format at fair level all alone.
- 873** **NORTH KOREA** Pyongyang BS, Sinuiju, 250 kW – [OCT 17 1406](#) – Distinctive female choral music in a mix with NHK-2 Portuguese-speaking female and UnID female speech station.
- 873** **JAPAN** JOGB, Kumamoto, 500 kW – [OCT 17 1406](#) – The higher pitched female voice at the beginning and end of this recording was identified on Real DX as Portuguese from NHK-2.

- 873 **UnID Asian** – [OCT 17 1405](#) – Mystery female speaker in an unknown language (and somewhat muffled audio) mixing with music from Pyongyang BS and (from 00:30 to 1:00) female Portuguese from JOGB. Consensus seems to be Korean intonation, possibly from Heilongjiang in China, which has a Korean language format.
- 918p **CAMBODIA RNK**, Phnom Penh, 600 kW – [OCT 16 1441](#) – After four trips to Hawaii I was very familiar with this station’s announcers, format and music, since it is a “big gun” in the Aloha State. Shandong and Japan made it very tough to track it down on the cliff, however. At this time it made its one appearance, and I recognized the distinctive female announcer’s Khmer speech and intonation in a mix with Shandong’s male Chinese during the first 10 seconds of this recording. The lady’s voice, intonation and speech all matched RNK’s female announcer in this recording of 918-RNK’s sign off message from [APR 3 \(2019\) 1700](#). [OCT 16 1440](#) – An extended Rockwork cliff recording of the first clip (featuring the same distinctive female speaker starting at 1:27) has Cambodian-genre music mixing with Shandong’s male Chinese both before and after her speech.
- 918 **CHINA Shandong RGD** synchronos – [OCT 16 1427](#) – This network was a major pest on the frequency, almost always blocking reception of RNK (Cambodia). The network stations were poorly coordinated, often resulting in multiple wacky echoes, such as at this time. [OCT 14 1430](#) – The Shandong network has 2 + 1 time pips on the half hour, such as in this recording.
- 918 **UnID Japan** – [OCT 14 1443](#) – On the rare occasions when Shandong would fade a mystery Japanese station almost always took over the frequency, such as here. Unfortunately all of the Japanese commercial stations on 918 apparently run the same program at this time, so there was no way to determine its identity.
- 927 **JAPAN NHK-1** synchronos – [OCT 15 1412](#) – This was a priority frequency on the cliff because of many receptions of AIR-Visakhapatnam in Hawaii, but these Japanese synchronos managed to shut down any such reception, such as at this time.
- 927 **UnID Chinese** – [OCT 15 1412](#) – Chinese co-channel with NHK-1 seemed to have Taiwanese-type male speech at 24 seconds into this recording; BCC in Taiwan is common on this frequency in Hawaii.
- 936 **CHINA Anhui**, 200 kW – [OCT 15 1419](#) – This was the dominant station on the frequency at almost all times, with the usual deep-voiced male using the muffled microphone and playing pop music. The female Chinese announcer is dominant over the Japanese co-channel starting at 20 seconds into this recording, however.
- 936 **UnID Japanese** – [OCT 16 1414](#) – Female Japanese mixing with Anhui’s deep-voiced male; no identity clues to determine which Japanese commercial station is the source.
- 936 **UnID Asia** – [OCT 16 1414](#) – Mystery instrumental music station under Anhui’s deep-voiced male Chinese and Japanese conversation on an unknown commercial station.
- 972 SOUTH KOREA HLCA**, Dangjin, 1500 kW – [OCT 15 1237](#) – The Korean big gun’s signal was usually overpowering, but it has weak competition from a Chinese co-channel here.
- 972 **UnID Chinese** – [OCT 15 1237](#) – Mystery station under HLCA at a modest level.
- 1017 **CHINA CRI**, Changchun, 100 kW – [OCT 16 1347](#) – Chinese lessons for Koreans in a mix with unID co-channel.
- 1017 **UnID Asian** – [OCT 16 1347](#) – Male speaker in an unknown language mixing with CRI’s Chinese lessons; Philippines?
- 1035 **CHINA CNR-1** synchronos – [OCT 14 1314](#) – Multiple echoes from the typically uncoordinated network were at good strength.
- 1035 **SOUTH KOREA HLCP**, Pohang, 10 kW – [OCT 14 1312](#) – Male Korean speech at good level mixing with the equally strong CNR-1 synchronos.
- 1044 **CHINA CRI**, Changzhou, 300 kW – [OCT 16 1404](#) – Japanese service at a fair level on a noisy frequency.
- 1134 **JAPAN JOQR**, Tokyo – [OCT 15 1257](#) – Male Japanese speech at a good level.
- 1170 **UnID KBS?** – [OCT 15 1254](#) – Korean-sounding female speech in a mix with domestic stations.
- 1206 CHINA Yanbian Longjing**, 200 kW – [OCT 16 1306](#) – This Korean language station was one of the strongest upper band TP’s, and was almost always at an S9 level during sunrise enhancement. Its off-frequency signal often generated a throbbing hum, though, such as during the latter part of this recording. [OCT 15 1230](#) – Musical prelude to a Korean language program was at typical S9 strength.
- 1323 CHINA CRI**, Heilongjiang, 200 kW – [OCT 15 1243](#) – Russian service was usually an S9 blaster during sunrise enhancement, such as here with Russian female speech and musical accompaniment. [OCT 17 1344](#) – Chinese was also a staple part of the programming, such as this female vocal music.
- 1323 **UnID Asian** – [OCT 14 1406](#) – Rarely a co-channel could be heard under CRI’s Russian programming such as here, but it was too weak to get any identity clues.

**1566** SOUTH KOREA HLAZ, Jeju, 250 kW – [OCT 16 1307](#) – Japanese Christian service was at its usual S9+ level.

### Additional Resources:

October 2020 Rockwork 2 Asian DXpedition [YouTube video](#): showing the cliff side setup and portable DXing gear.

Satellite view of the location on [Google Maps](#) (45°44'36.5"N 123°57'28.9"W).

### APPENDIX: Reception and Confirmation of 675-AIR in Itanagar, India

675 was not one of the “priority frequencies” in the master plan to search for long range Asian stations on the live-DXing portable gear, and during the October 16 session a single recording was made on that frequency at 1408 UTC, primarily to check if a strong recording of VoV was possible. 675-VoV didn’t show up, but NHK-1 and another mystery station did, neither of which seemed important enough to merit any additional recordings on 675 for the remainder of the DXpedition.

During file review back home the 675 recording from [OCT 16 1408](#) was investigated to determine the identity of the mystery station, and I was surprised to hear a lady speaking in accented English briefly dominant before some male Japanese from the NHK-1 synchros.

There was no DU propagation at all during the exceptional Asian propagation for the entire trip, so I knew that this mystery English on 675 had to come from Asia – but from where? The online records listed only two English possibilities on 675 with a darkness path to the Oregon coast at 1408 UTC – RTHK6 in Hong Kong or AIR in Itanagar, India. Neither one seemed very likely until I remembered that India has a geographically separate area far to the northeast which is significantly closer to our North American west coast, and is very close to the border with Myanmar. Since both 576-Myanmar and 594-Myanmar had been received on that very morning at the cliff, any Indian station in that extreme northeastern corner of the country would presumably share the same enhanced propagation to the Oregon coast as Myanmar. So it was with some serious interest that I investigated the location of Itanagar in India – and found that it was indeed in that extreme northeastern corner of the country, in Arunachal province between Bhutan and Myanmar. So the propagation path from 675-AIR to Oregon did in fact seem possible.



Of course I still didn’t know if 675-AIR was broadcasting in English exactly at 1408, since it broadcasts in various languages. That part of India is extremely remote, and the AIR station in Itanagar had no online programming schedule, and (at the time) no live streaming audio. An online search did turn up a dedicated Facebook page for the AIR station in Itanagar, however – which prominently featured a photo and promotion for the exact program that was being broadcast when my 675 recording was made – featuring a female announcer speaking in English! Oddly enough, that was the only program being promoted on the AIR-Itanagar Facebook page for the entire week – the locally produced “Weekly Sports Roundup” program with the lady announcer Morgam Bagra (which is broadcast every Friday night India time from 1930 to 1945, or every Friday 1400-1415 UTC). So I seemed to be making progress in my investigation of the 675 mystery English-speaking lady – but I still needed to make sure that the voice on my recording matched the voice of AIR’s Morgam Bagra.

I began searching the web for programs with Ms Bagra’s voice, and after quite a bit of investigation managed to locate a single [YouTube](#) video featuring her voice – “Women Entrepreneurs of Arunachal Pradesh.” A sample of Ms. Bagra’s voice during the video is posted [here](#).

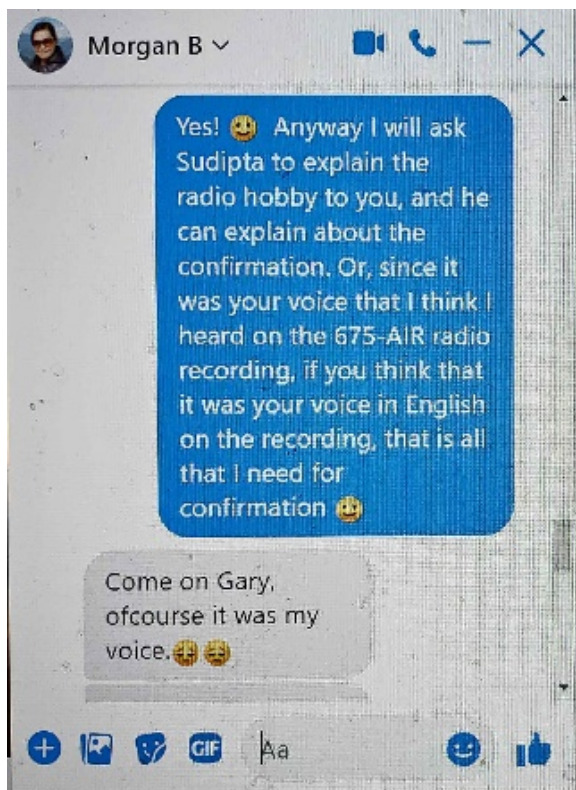
Even without any wishful thinking, the voice, accent, intonation and speaking style of Ms Bagra during the video all seemed to match the mystery lady’s English in my 675 recording! But I knew that my own opinion about this wouldn’t be very convincing to anyone. I needed someone at 675-AIR to confirm that it was her voice, which of course would also confirm that I had indeed received the unusual station. But that would be a tricky challenge, since the only communication method that I had for 675-AIR in Itanagar was its Facebook page – and whoever managed the page wasn’t responding to any of my communication.



Finally, I noticed that one of the Facebook friends of 675-AIR had a name similar to that of Ms Bagra, and that she seemed to have an interest in sports. Lacking any other options, I put in a

Facebook friend request for her – and kind of wondered why she would ever accept such a request from a total stranger 11,074 km (6,881 miles) away. But my luck had not yet run out, and not only did she accept my request, but later on admitted that she was actually the announcer for the Weekly Sports Roundup program on All India Radio! So after a couple of weeks the moment of truth had finally arrived – I needed to ask her if the voice in my 675 radio recording was actually her voice. I posted a link on my Facebook page, and asked her by private message if the female voice in my recording was her voice. She already knew that I had listened to her voice on the YouTube video, so she apparently expected me to be familiar with it, and recognize it. She replied, “Come on Gary, of course it was my voice.”

So after the long investigation the tiny gear at the “Asia Cliff” had finally chalked up its most impressive long range DX catch of all.



# GRAVEYARD DX UPDATE

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

<u>1230 kHz</u>					
KYJC	OR	Medford	Steve Kamp	San Jose, CA	356
KSIX	TX	Corpus Christi	Mike Jeziorski	Juriquilla, QTR	523
<u>1240 kHz</u>					
WATN	NY	Watertown	Larry Van Horn	Brasstown, NC	751
KVLF	TX	Alpine	Tim Hall	US 6/50 at NV/UT Border, UT	839
XERD	MEX	Pachuco, HGO	Mike Jeziorski	Juriquilla, QTR	120
<u>1340 kHz</u>					
WADE	NC	Wadesboro	Larry Van Horn	Brasstown, NC	221
WOUB	OH	Athens	Larry Van Horn	Brasstown, NC	313
KGHM	OK	Oklahoma City	Tim Hall	US 6/50 at NV/UT Border, UT	939
XECR	MEX	Morelia, MICH	Mike Jeziorski	Juriquilla, QTR	85
XEMT	MEX	Matamoros, TAM	Mike Jeziorski	Juriquilla, QTR	402
<u>1450 kHz</u>					
XERY	MEX	Arcelia, GUER	Mike Jeziorski	Juriquilla, QTR	166

<u>Total Stations Heard</u>								
<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>
Tim Hall	- US 6/50 at NV/UT Border, UT	40	38	36	45	38	41	238
Rick Dau	- Iowa City, IA	22	19	22	27	22	25	137
Larry Van Horn	- Various Locations	25	23	19	21	17	24	129
Mike Jeziorski	- Chicago, IL (area)	13	15	12	16	11	11	78
Larry Van Horn	- Brasstown, NC	14	14	15	11	10	12	76
Mike Jeziorski	- Detroit, MI	8	16	13	2	9	15	63
Mike Jeziorski	- Crescent Beach, FL	2	1	2	7	4	7	23

Welcome Larry and Mike! So far I'm not finding many new GY catches in my Border Inn recordings, but KVLF was a very pleasant surprise (e-mail verie received this morning from the

morning show host who recognized his own voice reading the commercial and weather forecast in my audio clip).

Steve's record for KYJC took some research. FCC license records and old newspapers and magazines from the Medford area indicate that this station (which later became KRTA-610, at a new studio and transmitter site) had its studio and transmitter on Barrett Rd. in Medford, seemingly somewhere near the corner of Highland St. 73 Tim

# Pro Sports Networks

Barry Finkel, 10314 S. Oakley, Chicago IL 60643-2409, [bsfinkel@att.net](mailto:bsfinkel@att.net)

Here is 2020/2021 National Basketball Association (NBA) flagship information from the Internet. All of the nba.com web pages have a "do not reproduce" notice in the footer, so I am unable to reproduce those lists here. I list URLs, so you can download your own lists. I did not process those lists to determine if the lists were different from last year's lists (some lists were undated); nor did I check for any stations that broadcast games of two teams. This flagship list may not contain information on all of the Spanish language broadcasts. I might not have all of the "conflict" stations. Some of the team sites did not list the announcers, and some sites had Media Guides from previous seasons. Some URLs that have network lists are not linked to the team home page menu, so I assume that these lists are not current.

Please send me any URLs to network lists you may have, as well as any additions and/or corrections to the information below. Thanks.

d = network list downloaded

- Network list not located, but one downloaded last season

n = no network list found

d Atlanta Hawks	92.9	WZGC-GA		Steve Holman, Mike Conti
d Boston Celtics	98.5	WBZ-MA		Sean Grande, Cedric Maxwell
	105.7	WROR-MA	c	
n Brooklyn Nets	660	WFAN-NY	a	*Chris Carrino, Tim Capstraw
	101.9	WFAN-NY	a	
	880	WCBS-NY	a	
d Charlotte Hornets	610	WFNZ-NC		John Focke, Masttt Carrol, James Hamlin
	102.5	W273DA-NC		
d Chicago Bulls	670	WSCR-IL	EE	Chuck Swirsky, Bill Wennington, Steve Kashul
	1200	WRTO-IL	SS e	Omar Ramos, Miguel Esparza
d Cleveland Cavaliers	1100	WTAM-OH	EE	Tom Alcorn, Jim Chones, Mike Snyder
	100.7	WMMS-OH	EE	
	106.9	W295DE-OH	EE	
	89.1	WNZN-OH	SS	Rafael Hernandez Brito
d Dallas Mavericks	103.3	KESN-TX	EE	Chuck Cooperstein, Brad Davis
n	94.1	KLNO-TX	SS	Victor Villalba
d Denver Nuggets	950	KKSE-CO		Jason Kosmicki, (b), Mark Bertagnolli
	92.5	KKSE-CO		
d Detroit Pistons	97.1	WXYT-MI		George Blaha, Mark Champion, Rick Mahorn
	950	WWJ-MI	c	
d Golden State Warriors	95.7	KGMZ-CA		*Tim Roye, Tom Tolbert
n Houston Rockets	790	KBME-TX	EE	*Craig Ackerman, Matt Thomas
	740	KTRH-TX	EE c	
	99.1	KODA-TX	EE	
	93.7	KQBT-TX	EE	
d Indiana Pacers	1070	WFNI-IN		Mark Boyle, Bob "Slick" Leonard, Pat Boylan, Eddie White
	93.5	W228CX-IN		
	107.5	W298BB-IN		
n Los Angeles Clippers	570	KLAC-CA	EE	Noah Eagle
n	1330	KWKW-CA	SS	*Armando Garcia
d Los Angeles Lakers	710	KSPN-CA	EE	John Ireland, Mychal Thompson
d	1330	KWKW-CA	SS	Fernando Gonzales, Jose "Pepe" Mantilla, Francisco Pinto



d Memphis Grizzlies	92.9	WMFS-TN		Eric Hasseltine, Michael Wallace, Elliot Perry
	680	WMFS-TN		
n Miami Heat	790	WAXY-FL	EE	*Mike Inglis, Ron Rothstein, Ruth Riley Hunter, Jonathan Zaslow, Tommy Tighe
	710	WAQI-FL	SS	*Jose Paneda, Joe Pujala
d Milwaukee Bucks	620	WTMJ-WI		*Ted Davis, Dennis Krause, Justin Garcia
	94.5	WKTJ-WI		
d Minnesota Timberwolves	830	WCCO-<M		Alan Horton, Cal Soderquist
d New Orleans Pelicans	100.3	KLRZ-LA		Todd Graffagnini, John Deshazier
d New York Knicks	98.7	WEPN-NY		*Ed Cohen, Brendan Brown
d Oklahoma City Thunder	98.1	WWLS-OK	EE	Matt Pinto
n	930	WKY-OK	SS h	Eleno Ornelas
- Orlando Magic	740	WYGM-FL	EE	Dennis Neumann, Richie Adubato
	96.9	W245CL-FL	EE	
	98.1	WNUE-FL	SS	Joey Colon
n Philadelphia '76ers	97.5	WPEN-NJ		*Tom McGinnis
- Phoenix Suns	98.7	KMVP-AZ	EE	Al McCoy, Tim Kempton, Kevin Ray
	1400	KSUN-AZ	SS	*Arturo Ochoa, Jorge Moreno
d Portland Trail Blazers	620	KPOJ-OR		Travis Demers, Michael Holton, Jay Allen, Bill Schonely
n Sacramento Kings	1140	KHTK-CA		*Gary Gerould, Jason Ross, Harry Turner
d San Antonio Spurs	1200	WOAI-TX	EE	*Bill Schoening
n	107.5	KVBH-TX	(or KXTN-1350? - DY)	*Paul Castro
n Toronto Raptors	590	CJCL-ON	b	*Eric Smith, Paul Jones
	1050	CHUM-ON	b	*Paul Jones, Jack "The Coach" Armstrong, Sherman Hamilton
n Utah Jazz	1280	KZNS-UT	EE	David Locke, Ron Boone
	97.5	KZNS-UT	EE	
	1600	KTUB-UT	SS	*Nelson Moran, Isidro Lopez, Nicole Hernandez
- Washington Wizards	106.3	KBMG-UT	SS s	
	1500	WFED-DC		*Dave Johnson, Glenn Consor

**Atlanta Hawks** <https://www.nba.com/hawks/tvradio/hawksradiomainpagehtml> (12/12/2020)

**Boston Celtics** <https://985thesportshub.com/celtics-radio-network/> (12/12/2020)

790	WPRV-RI	1280	WPKZ-MA	1480	WSAR-MA	95.9	WPEI-ME
900	WGHM-NH	1310	WLOB-ME			96.3	WJJB-FM-ME
960	WEAV-NY	1320	WCVR-VT				WEII-MA
1230	WNAW-MA e	1400	WHTB-MA	92.9	WEZQ-ME e	98.5	<u>WBZ-FM-MA</u> e
	WTSV-NH	1420	WBEC-MA e	93.5	WEEY-NH e	101.3	WCPV-NY
1240	WOON-RI	1440	WRED-ME	94.3	W232DN-NH	103.9	W280EC-NH
1250	WGAM-NH	1450	WHLL-MA	94.5	W233CC-VT	105.5	WBYA-ME
1270	WTSN-NH		WKXL-NH	95.5	WPPI-ME	105.7	<u>WROR-FM-MA</u> c

**Charlotte Hornets** <https://www.nba.com/hornets/radio> (12/12/2020)

**Chicago Bulls** <https://www.nba.com/bulls/news/radio> (12/19/2020)

**Cleveland Cavaliers** <https://www.nba.com/cavaliers/broadcast> (12/12/2020)

**Dallas Mavericks** <https://www.mavs.com/frequently-asked-questions/broadcast-info/> (12/19/2020)

**Denver Nuggets** <https://www.altitudesports.com/radio-station-guide/> (12/12/2020)

690	KOLT-NE	1300	KCSF-CO	1450	KAVP-CO	92.5	<u>KKSE-FM-CO</u>
930	KIUP-CO	1340	KTMM-CO		KBSF-SD	95.1	___-CO f
1010	KSIR-CO	1440	KRDZ-CO	1490	KNAM-CO	103.1	KYDT-WY
1230	KSTC-CO					106.1	KNFO-CO

**Detroit Pistons** <https://www.nba.com/pistons/radio.html> (12/19/2020)

**Golden State Warriors** <https://www.nba.com/warriors/radio-network> (12/12/2020)

**Houston Rockets** <https://www.nba.com/rockets/broadcast-information> (12/19/2020)



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