

# DX News

Serving DXers since 1933



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**From the Board of Directors:** Changes to e-DXN.com.

The National Radio Club e-DXN.com was originally a phpBB bulletin board that over time required more maintenance, moderation and expense. We determined, and the membership agreed, that the biggest service wanted as DX News magazine in a timely fashion without the costs associated with the printed addition. e-DXN.com is now a direct mailer to our subscribers. These changes are effective with this issue and all e-DXN.com subscribers will be receiving this issue's pdf via email. Our weekly AMS and other timely updates will be distributed the same way

The National Radio Club has placed all but the most current archived DX News files on [www.nationalradioclub.org](http://www.nationalradioclub.org) for both our membership and the public to enjoy. The archived monthly issues of DX Audio Service that were on the e-DXN.com site, as well as the After Dark and All Radio feature magazine files will be migrated to our website: [www.nationalradioclub.org](http://www.nationalradioclub.org) as well.

We hope that the subscribers to e-DXN.com will enjoy the lack of a need to log into a bulletin style board to download their copies of DX News and other features that were part of e-DXN.com.

**NRC AM Log #40 Accepting Pre-Orders!** The 40th Edition went to press on August 5 and, if the printer's estimates are correct, should start to ship around August 15. Pre-orders are being accepted: For mailing in the United States, the price is \$28.95 for NRC/IRCA members and \$35.95 for nonmembers. To Canada is US\$41.15 and overseas US\$52.65.

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

**Madison-Milwaukee 2019 Get-Together:** From Tim Noonan: "The Madison-Milwaukee Get-Together returns to Oak Creek, Wisconsin this year, on Saturday, August 17. This 26th annual event will be held at our home at 801 E Park Blvd, the same as in recent odd-numbered

years." For more information e-mail Tim at [DXing2@aol.com](mailto:DXing2@aol.com) or call 414 813-7373.

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

**From the Publisher:** Slow summer issue; look for a nice big one in mid-September!

### Membership Report

"My HQ-180AC is in mothballs, I'm thinking of remoting a Perseus at a friend's house out in the country. I'm retired and miss DX'ing." – Al Quaglieri. (*Welcome back, Al – wwh*)

**New Members:** Welcome to Ray Offutt, Independence, MO; Edward Kusalik, Daysland, AB; and Larry Spann, Montgomery, AL.

**Rejoining Member:** Welcome back to Al Quaglieri, Albany, NY.

**Renewing Members:** Thanks for the ongoing support of Phil Bytheway; Robert Fischer; Karl D. Forth; Ramon J Gordillo; Len Kelter; Christopher Melugin; Darrell Neft; John Nowak; John Rieger; Wolfgang Schneiter; Gary Siegel; David Snellman; Terry Sparks; Raymond Vallee; James T. Weber; and David M. Wurl.

### Volume 86-87 DXN Schedule

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

Publishers' deadline (first column) is always Sunday night 2400 ELT; masthead date (second column) is Tuesday of the following week.

# AM Switch

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Canadian info – Compiled by Shawn Axelrod and Dan Sys

NRC AM Log updates from Wayne Heinen, [amlog@nationalradioclub.org](mailto:amlog@nationalradioclub.org)

## *FCC and CRTC Decisions and Applications*

### CALL CHANGES

- 830 KFLT AZ Tucson – Call change to KDRI (July 31).  
WFNO LA Norco – Call change to KGLA (Aug. 1).  
950 WTLN FL Orlando – Call change to WDYZ (Aug. 6).  
990 WDYZ FL Orlando – Call change to WTLN (Aug. 6).  
1430 KAOL MO Carrollton – Call change to KROL (July 16; station is silent).  
1450 WLYV IN Fort Wayne – Call change to WIOE (Aug. 6).  
WHDL NY Olean – Call change to WOLY (July 26).  
1540 KGLA LA Gretna – Call change to WFNO (Aug. 1).



### NEW STATION WATCH

- 840 KABN AK Kenai – New station not on air, call change to KPEN.  
960 New AK Kenai – Assigned call letters KABN.  
1350 CIRF ON Brampton – Application to relocate site of new station denied for a third time.

### STATIONS GOING DARK (OR NOT)

Licenses cancelled, calls deleted:

- 1320 WTOW NC Washington – License cancelled July 31; silent station off for more than a year.  
1340 WOOW NC Greenville – License cancelled July 31; silent station off for more than a year.

### CONSTRUCTION PERMITS (CPS) FOR EXISTING STATIONS

CPs fully licensed and on the air:

- 1360 WGBN PA McKeesport – CP for U2 1000/1000, all from old night site, is on the air.

CPs built, awaiting final licensing:

- 567 KGUM GU Agaña – Applies for license to cover CP for new tower at 13-23-28/144-45-42 East, remaining U1 10000/10000.  
1010 KIQI CA San Francisco – Granted program test authority for CP with U4 10000/10000.  
1040 KLHT HI Honolulu – Applies for license to cover CP for new tower at 21-20-06/157-53-37, remaining U1 10000/10000.  
1200 WAXA FL Pine Island Center – Applies for license to cover CP for U4 750/750.  
1300 KKOL WA Seattle – Granted program test authority for CP with U4 50000/3200, new site.  
1380 WSYB VT Rutland – Applies for license to cover CP for U1 5000/25.

CP granted:

- 1560 KTUI MO Sullivan – Granted CP for U1 1000/25.

Application to modify previously granted CP filed:

- 1090 KEMR NM Milan – Has CP for D1 1000, moving to 1080 kHz and Moriarty NM; applies to modify the CP to D1 400, still on 1080 and at Moriarty, but at different site at 35-00-32/05-54-59.

Applications for CP filed:

- 750 WBMD MD Baltimore – Applies for CP with D1 800, from WFSI-860 tower at 39-18-42/76-29-29 (currently using this tower under STA).  
810 WRSO FL Orlovista – Applies for CP with U5 2000/21, using two existing WRSO towers coordinates adjusted to 28-34-11/81-25-59; will replace CP granted in 2017 for U1 2500/14 at a different site.  
1360 WGJK GA Rome – Applies for CP “for the sole purpose” to correct coordinates to 34-16-09/85-10-59, but the application specifies U1 1000/47 while the station is licensed for U1 500/47.  
1370 WWCB PA Corry – Applies for CP with U1 1000/14.

1490 WSVM NC Valdese – Applies for CP to move to a new site at 35-44-45/81-35-39, remaining U1 1000/1000.

Application for CP dismissed:

1470 WNWF AL Evergreen – Application for new site dismissed.

### SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

600 WRQX OH Salem – Granted STA, reduce day power (using U4 250/45), transmitter issue.  
 KROD TX El Paso – Granted STA, U1 5000/1250, storm damage to night pattern.  
 660 WLFJ SC Greenville – Granted STA, reduced day power (using D1 9000), antenna issue.  
 830 WACC FL Hialeah – Granted STA, U1 250/250, lightning damage to towers.  
 920 KYFR IA Shenandoah – Granted STA, U4 2500/2500, power module problem.  
 940 WYLD LA New Orleans – Granted STA, parameters at variance or U2 2500/500.  
 990 WRFM IN Muncie – Granted STA, U1 62/1, folded unipole tower at 40-09-39/85-25-54.  
 WNTF PA Philadelphia – Granted STA, U4 12500/10000 (night pattern 24 hours) or parameters at variance.  
 1180 KERN CA Wasco-Greenacres – Granted STA, U3 10000/10000 (night pattern 24 hours).  
 1270 WJJC GA Commerce – Granted STA, U1 1000/173, reduced power after floods.  
 1280 WJYE MA Gardiner – Granted STA, U1 1000/40, transmitter problems.  
 1340 WTYS FL Marianna – Granted STA, U1 500/500, rebuilt tower post-Hurricane Michael.  
 1360 KOHU OR Hermiston – Granted STA, U3 500/500 (night pattern 24 hours).  
 1360 WGBN PA McKeesport – Granted STA, U1 5000/250, transmission line damaged in storm.

Application for STA filed:

1270 WLBR PA Lebanon – Applies for STA, U4 2500/500, transmitter issue.

Extensions to existing STAs granted:

560 WNSR TN Brentwood – Granted STA extension, U1 1125/75 from licensed night site.  
 590 KUGN OR Eugene – Granted STA extension, U4 1400/5000 (night pattern 24 hours).  
 620 WDAE FL St. Petersburg – Granted STA extension, U2 11200/11000, Cuba QRM.  
 730 WMNA VA Gretna – Granted STA extension, U1 250/7.  
 790 WAXY FL South Miami – Granted STA extension, U4 25000/25000, Cuba QRM.  
 930 WBEN NY Buffalo – Granted STA extension, parameters at variance while FM diplexing.  
 KSDN SD Aberdeen – Granted STA extension, U1 1250/250.  
 940 WINZ FL Miami – Granted STA extension, U2 50000/25000, Cuba QRM.  
 960 WELI CT New Haven – Granted STA extension, U2 5000/1250 or params. at variance.  
 1020 KCKN NM Roswell – Granted STA extension, U4? 1000/1000.  
 1150 KKNW WA Seattle – Granted STA extension, parameters at variance, nearby construction.  
 1230 WDWR FL Pensacola – Granted STA extension, U1 790/790 as in CP.  
 1240 KLOA CA Ridgecrest – Granted STA extension, reduced power (using U1 210/210).  
 1260 WRIE PA Erie – Granted STA extension, parameters at variance.  
 1280 KFRN CA Long Beach – Granted STA extension, day parameters at variance.  
 1310 KKNS NM Corrales – Granted STA extension, parameters at variance/reduced power.  
 1320 KNIT UT Salt Lake City – Granted STA extension, U1 500/500 from CP tower.  
 1330 KKPZ OR Portland – Granted STA extension, parameters at variance.  
 1410 KMYC CA Marysville – Granted STA extension, U1 1250/250.  
 1420 KGIM SD Aberdeen – Granted STA extension, U1 650/58 from KSDN-930 tower.  
 KRIZ WA Renton – Granted STA extension, U1 250/125 from KYIZ-1620 tower.  
 1450 KHIT NV Reno – Granted STA extension, reduced power (unspecified).  
 1460 WKHZ MD Easton – Granted STA extension, parameters at variance.  
 WIFI NJ Florence – Granted STA extension, parameters at variance, FM diplexing.  
 1480 WSPY IL Geneva – Granted STA extension, U1 125/125, LW at 41-51-11/88-19-38.  
 1540 WYCL OH Niles – Granted STA extension, D1 125.  
 1570 WHTX OH Warren – Granted STA extension, U1 125/29.  
 WKHJ PA Latrobe – Granted STA extension, parameters at variance, FM diplexing.  
 1580 WVZN PA Columbia – Granted STA extension, U1 500/5, 30' LW antenna.

Applications to extend existing STAs filed:

590 WDIZ FL Panama City – Applies for STA extension, U1 500/500, Hurricane Michael.  
 1080 WKAT FL Coral Gables – Applies for STA extension, U4 50000/20000, Cuba QRM.  
 1150 KAGO OR Klamath Falls – Applies for STA extension, U1 5000/250 (using U1 5000/100).

1250	WGAM	NM	Manchester	– Applies for STA extension, parameters at variance.
1260	WPNW	MI	Zeeland	– Applies for STA extension, U1 1000/250.
1330	WBGW	IN	Evansville	– Applies for STA extension, U1 5000/250.
	WINT	OH	Willoughby	– Applies for STA extension, U1 125/11 or experimental antenna.
1340	WMDR	ME	Augusta	– Applies for STA extension, reduced power (using U1 180/180).
1350	WOYK	PA	York	– Applies for STA extension, U1 5000/250.
1370	WCOA	FL	Pensacola	– Applies for STA extension, U3 2000/2000 (night pattern 24 hours).
1390	WROA	MS	Gulfport	– Applies for STA extension, parameters at variance.
1400	WZAZ	FL	Jacksonville	– Applies for STA ext., U1 250/250, 99m LW at 30-19-05/81-32-24.
1450	KIKR	TX	Beaumont	– Applies for STA extension, reduced power (using U1 600/600).
1470	KUTY	CA	Palmdale	– Applies for STA extension, U1 1250/1250.
1480	KPHX	AZ	Phoenix	– Applies for STA ext., U1 250/25, 31m dropwire 33-23-21/111-59-53.
1540	KZMP	TX	University Park	– Applies for STA extension, night parameters at variance.
1550	WUSP	NY	Utica	– Applies for STA extension, reduced day power (unspecified).
1590	WKTP	TN	Jonesborough	– Applies for STA extension, U1 5000/1250.

#### SILENT STATIONS

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

900	WABY	NY	Watervliet	– Silent June 26; back on the air July 25.
1270	WJJC	GA	Commerce	– Silent Apr. 19; back on the air with STA July 16 at 0700.
	WMLC	MS	Monticello	– Silent June 6; back on the air July 6.
1310	KAHL	TX	San Antonio	– Silent June 2; back on the air July 14.
1340	WTYS	FL	Marianna	– Silent Oct. 10 (2018); back on the air with STA July 26.
1380	WWNT	NC	Winston-Salem	– Silent Aug. 1 (2018); back on the air July 31.
1470	WWBG	NC	Greensboro	– Silent Aug. 1 (2018); back on the air July 31.
1500	WQMS	MS	Quitman	– Silent July 12 (2018); back on the air with STA July 11.

Stations informing the FCC that they are silent:

920	WEZZ	AL	Brantley	– Silent July 30, failure of antenna tuning unit capacitor.
1120	WBBF	NY	Buffalo	– Silent July 16, transmitter problems.
1180	WLTT	NC	Carolina Beach	– Silent Aug. 1, water damage in transmitter building.
1230	KGIR	MO	Cape Girardeau	– Silent June 17, flooding damage.
1270	WHGS	SC	Hampton	– Silent May 23, searching for new transmitter site.
1350	WNLK	CT	Norwalk	– Silent June 24, sale to Catholic network fell through.
1400	KEBE	TX	Jacksonville	– Silent July 1, pending sale.
	KSRR	UT	Provo	– Silent July 10, has lost licensed transmitter site.
1540	WYCL	OH	Niles	– Silent July 18, transmitter problems.
1580	KTLU	TX	Rusk	– Silent July 1, pending sale.

#### COORDINATE CORRECTION

1520	WMLM	MI	St. Louis	– Applies for CP to correct coordinates to 43-21-08/84-36-20.
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## *NRC AM Log updates*

This is the first update for the 40th Edition of the *Log*, which went to press on August 5 with all changes received through that date. (If the printer's estimate is correct, copies of the *Log* will be going out around August 15.) These are updates that didn't make it into the final copy, starting from August 6:

560	WQAM	FL	Miami	– Slogan to "560 The Joe," networks to ESPN.
	WVOC	SC	Columbia	– Slogan to "News Talk & Sports."
650	KMTI	UT	Manti	– Slogan & Group to Grp= 650 Country.
740	WHMT	TN	Tulahoma	– Slogan & Group to Grp= Whisky Country 95.5 & 105.1 (ex-Grp= Whisky Country 740 & 105.1).
	CHCM	NL	Marystown	– Format to NWS/TLK:C&W (ex-NWS/TLK:CLR).
790	WAXY	FL	South Miami	– Slogan to "790 The Ticket," delete // WSFS-104.3.
830	KDRI	AZ	Tucson	– Format to Stunting (ex-REL); delete networks and Grp= Family Life Radio – Tucson.
	KGLA	LA	Norco	– Format to SS:Tropical (ex-SS:CHR); slogan to "Radio Tropical 105.7," adds // K289AM-105.7; delete // K248BB-97.5.
950	WDYZ	FL	Orlando	– Format to Stunting (ex-REL); delete slogan, networks.

- 1090 WCZZ SC Greenwood – Adds // W274CC-102.7. (FCC)
- 1270 WQTT OH Marysville – Slogan to "Classic Rock 96.7."
- 1290 WDZY VA Colonial Heights – Slogan to "The Word," networks to SRN.
- 1340 WMID NJ Atlantic City – See changes below to Grp= Classic Oldies.
- WRAW PA Reading – Format to NWS/TLK (ex-SS:CHR); slogan to "NewsRadio 1340," networks to P/Ru.
- 1480 KYOS CA Merced – Slogan to "NewsTalk 1480 107.3."
- 1540 WFNO LA Gretna – Format to SS:CHR (ex-SS:AC); slogan to "Latino Mix 97.5."
- 1620 WTAW TX College Station – Adds // K233DU-94.5. (FCC)

**New Groups**

Grp= 650 Country – KMTI-650, K236BE-95.1, K265FM-100.9

**Group Changes**

Grp= Classic Oldies drops W230AA-93.9 Atlantic City

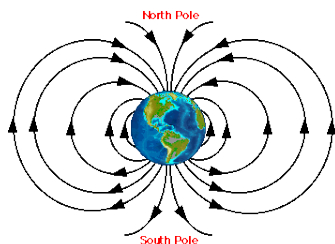
Grp= Classic Oldies adds WEZW-93.1 Wildwood Crest



**Group Name Change**

Grp= Whisky Country 740 & 105.1 becomes Whisky Country 95.5 & 105.1

Thanks to Shawn Axelrod, Bill Hale, FCC Database (FCC).



# Geomagnetic Indices

Geomagnetic Summary June 2019

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

Date	Flux	A	K	Space Weather	7/ 1	68	9	2	no storms
6/ 1	70	3	1	no storms	2	67	5	1	no storms
2	70	4	1	no storms	3	67	4	1	no storms
3	70	4	1	no storms	4	68	5	2	no storms
4	70	7	2	no storms	5	67	5	1	no storms
5	70	4	1	no storms	6	67	3	1	no storms
6	69	3	0	no storms	7	67	5	2	no storms
7	69	4	1	no storms	8	67	9	3	no storms
8	68	<b>18</b>	<b>4</b>	no storms	9	<b>68</b>	<b>17</b>	<b>4</b>	<b>minor, G1</b>
9	68	6	1	no storms	10	68	15	2	minor, G1
10	36	3	1	no storms	11	67	8	1	no storms
11	70	3	1	no storms	12	67	5	1	no storms
12	70	4	0	no storms	13	66	6	2	no storms
13	68	10	4	no storms	14	67	5	2	no storms
14	68	8	1	no storms	15	67	7	0	no storms
15	67	4	1	no storms	16	67	4	1	no storms
6/16	66	4	1	no storms	17	68	6	2	no storms
17	66	3	1	no storms	18	67	3	1	no storms
18	67	4	1	no storms	19	67	4	1	no storms
19	68	4	1	no storms	20	67	3	1	no storms
20	68	7	2	no storms	21	68	8	3	no storms
21	67	6	2	no storms	22	67	8	1	no storms
22	66	4	0	no storms	23	67	6	2	no storms
23	67	3	1	no storms	24	68	4	2	no storms
24	68	5	1	no storms	25	68	3	1	no storms
25	68	4	1	no storms	26	68	3	1	no storms
26	68	6	1	no storms	27	67	4	1	no storms
27	67	4	1	no storms	28	67	4	0	no storms
28	68	4	1	no storms	29	66	4	1	no storms
29	68	3	1	no storms	30	66	8	3	no storms
6/30	67	4	1	no storms	7/31	67	8	2	no storms

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

# Domestic DX Digest – West

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

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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

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

Upcoming deadlines for Issue 20: Friday, September 6 and Volume 87 Issue 1 . . . September 24. Join us!

## REPORTERS

- SMA-MB** Shawn Axelrod Winnipeg, Manitoba Receivers: ICOM IC-R70 / Drake R8 / SDRPlay RSPduo Antennae: 3-Foot un-amplified box loop / Quantum QX LOOP v2.0 / 155-Foot U-shaped outdoor wire / 100-Foot indoor wire run around the basement walls / MFJ 1026 Phasing unit
- RD-IA1** Rick Dau DXing on the Muscatine, Iowa KiwiSDR adding to the Davenport logbook
- RD-IA2** Rick Dau DXing on the Muscatine, Iowa KiwiSDR
- TK-FL** Terry Krueger Niceville, Florida (except for road logs where noted) IC-R75, ICF-7600GR, stolen Sangean PR-D5, active loop
- JW-CO** John Wilkins Wheat Ridge, Colorado Drake R-8, 4-foot box loop

LOTSA SPACE RESERVED FO YOU!!

## TIS/HAR

- 1650 WQYZ314** FL Holt – 8/3 – Florida DoT on I-10 at Mile Marker 45. Audible on I-10 westbound from Mile Marker 51. Compu-woman with similar, if not the exact same generic long loop with multiple call signs, as used on the I-10 at Exit 70 at Mossy Point's Florida DoT 1650 kHz transmitter. (TK-FL)
- 1650 WPLW619** FL Pensacola – 8/3 – Florida DoT I-110 at Fairfield Drive. Fake log. Listed active in the FCC dB, but silent on mid-day drive past. (TK-FL)
- 1650 WQYZ315** FL Mossy Head – 8/3 – Florida DoT on I-10 at Exit 70. Excellent, with the usual long generic loop by compu-woman while exiting US-90 to SR-285. (TK-FL)
- 1690 WPLW619** FL East Milton – 8/3 – Florida DoT on I-10 at 191C. Fake log. Listed active in the FCC dB, but silent on mid-day drive past August 3, 2019. (TK-FL)

## LOGS

- 540 WASG** AL Daphne – 7/30 0733 – Black gospel, parallel way delayed station stream. Some WDAK co-channel. (TK-FL)
- 540 WDAK** GA Columbus – 7/30 0732 – Georgia-centric news, with snips from Georgia News Network and CNN. Excellent signal. (TK-FL)
- 560 KMON** MT Great Falls – 8/3 0100 – Faint, but in there, with Conway Twitty's version of "The Rose", then a late legal ID. First Montana logging for me on this SDR. (RD-IA1)
- 570 WAAX** AL Gadsen – 7/28 0659 – Male announcer: "WAAX, Gadsen" into FOX News. 0703: 'waax-dot-com' promo and local weather . . . "News Talk 570 Big Waax". (TK-FL)
- 570 KLIF** TX Dallas – 7/24 0650 – Glenn Beck voiced promo ". . . join me right here in the Metroplex, weekdays at . . ." embedded in man and woman news format. (TK-FL)
- 580 WACQ** AL Tuskegee – 7/14 0657 – Tune-in to Steve Perry's 'Foolish Heart', then male canned ID with mention of FM translator calls, into Sunday Southern Baptist gospel services. (TK-FL)
- 580 WGAC** GA Augusta – 7/17 0637 – Right-wing woman talk, male canned "News, traffic and weather . . . WGAC". (TK-FL)

- 610 WVTJ FL Pensacola – 7/19 0655 – Black gospel vocals, man at 0700 : “610 WVTJ Pensacola with translator W287DA 105.3 FM” into black Baptist church service from a missed town in Louisiana. (TK-FL)
- 610 KONA WA Kennewick-Richland-Pasco – 8/1 0730 – News headlines, area weather; ID as “News Radio 610 KONA”. Fair, in KNML null. (JW-CO)
- 620 KMNS IA Sioux City – 8/3 0120 – Fair with just CLs heard during stopset. (RD-IA1)
- 620 WAKY KY Louisville – 8/3 0118 – Fair, with Janis Joplin's “Me And Bobby McGee”, then a “WAKY, Wacky Weather” jingle into a short forecast. Webstream ran about 10 seconds behind. (RD-IA1)
- 680 KKYX TX San Antonio – 7/31 0658 – Ending of Charlie Daniels Band's “The Devil Went Down To Georgia”, then male: “The Legendary Country, KKYX”. (TK-FL)
- 710 WNTM AL Mobile – 7/17 1417 – Fairly poor, with Rush Limbaugh, “NewsRadio 710” insert, FOX News, Sean Hannity from local 2 p.m. No trace of KEEL, Shreveport at 50 kW when daytime; pattern protecting this puny one at U2 1000/1000. Some Rebelde co-channel weakly present. (TK-FL)
- 720 WVCC GA Hogansville – 8/5 0715 – Syndicated Hugh Hewitt Show political spew, national spots, FOX News top of hour. Fair, day only I guess to mostly protect Chicago. As the sunrise is past, this one bubbles down to almost oblivion at this receiving location, despite power. (TK-FL)
- 730 WLIL TN Lenoir City – 7/12 2240 – Fair, with ad for 'Synergy Homes LLC' of Lenoir City. Phone # given as 388-9309. Third new logging on the same evening from Tennessee! (RD-IA1)
- 740 WMSP AL Montgomery – 7/28 0719 – CBS Sports feed, Cumulus Digital and United Fuel & Citgo spots, “Congratulations, Montgomery Biscuits . . . we are Sports Radio 740”. (TK-FL)
- 750 KAMA TX El Paso – 7/16 0717 – Tropical music; ID as “kama 750 am dot com”. Fair/good signal. (JW-CO)
- 750 CKJH SK Melfort – 8/3 0134 – Weak-to-fair, under WSB, with a “CK 750” ID heard at the end of a stopset, then into Journey's “Separate Ways”. (RD-IA1)
- 770 WVNN AL Athens – 7/38 0725 – “Red Eye's Extra Mile” promo embedded; generic blue pill spot aired twice. “We're Alabama's talk, WVNN, depend on it” inserted and back into Red Eye Radio feed. (TK-FL)
- 790 WPNN FL Pensacola – 7/14 1733 – Long string of Pensacola and Mobile Bay-area store ads; back to Glenn Beck replay. (TK-FL)
- 790 WBWR TN Ashland City – 7/12 2220 – Good, sometimes on top of everyone else on the channel, with C&W music, ID as “The Wolf”, and an ad for 'The Villages at The River Club' in Clarksville. Had to have been running their 2 kW day power at the time. (RD-IA1)
- 800 KBRV ID Soda Springs – 7/13 0704 – ABC News just ending, followed by “Friday night forecast” (local time was actually 5:04 AM Saturday morning); ID as “KBRV The Bear” and into C&W music. Fair peaks; mixing with XEROK and KDDD. (JW-CO)
- 810 WCKA AL Jacksonville – 7/31 0701 – “Good morning from WCKA News” at 0704; mentions of 94.3 and 97.1 FM, into Classic County. (TK-FL)
- 850 WXJC AL Birmingham – 7/24 0625 – Conclusion of “Turning Point” with Dr. David Jeremiah; male “. . . make sure you tell them you listened on WXJC . . .” Very good. Also noted on 7/31 with a capella women with “Star Spangled Banner” beginning at 0730, then guy reading the Pledge of Allegiance. (TK-FL)
- 940 WCPC MS Houston – 8/1 0732 – Man: “AM 940, WCPC, Houston, with translator W289CJ, Tupelo at 105.7 FM”, into “Fellowship In the Word” by the “L” deprived Pastor Bil Gebhardt. (TK-FL)
- 960 WLPR AL Prichard – 8/1 0744 – White Southern Gospel; redneck man and woman with apple pie recipe and website for more eats; 'WKRK News 5' weather, ID and SRN News top of hour. Slight, presumed-WERC co-channel. (TK-FL)
- 1120 KCRN CO Limon – 8/07 0506 – Fair signals, fading in and out under KMOX, with a woman talking, // the web feed. Thanks to Paul B Walker for the tip on line about this one running day power at night. (SMA-MB)
- 1130 KSDO CA San Diego – 7/21 0759 – Programming notes; LID at 0759:45: “Esto es KSDO 1130 AM San Diego – Radio Inspiracion, alimento para el alma. Una estacion de la cadena Hi-Favor Broadcasting” and into upbeat inspirational music. Good signal and alone for a few minutes. (JW-CO)

- 1130 CKWX BC Vancouver – 7/16 0721 – “Traffic and weather on the ones”, then area news after a “News 1130” ID and time check for “4:21”. Fair, with QRM and fading. (JW-CO)
- 1180 WJNT MS Pearl – 7/17 0645 – Westwood One's 'America's First News' feed and net ads; male “WJNT . . . 96.9 FM and . . . Coral-Jackson.” Multiple Cuban Rebelde's soon overtook. (TK-FL)
- 1190 CFSL SK Weyburn – 8/3 0126 – Fair-to-good, with liner: “. . . today's hits . . . country favorites, AM 1190”, then into “Rumor” by Lee Brice. Webstream ran about 5 seconds behind. (RD-IA1)
- 1230 WKWL AL Florala – 7/14 1657 – Mediocre level daytime with Bonnie Tyler's 'It's A Heartache', into (of all train wreck things) 'Up All Night' by hair band Slaughter. No ID through top of hour, then Michael Bolton's “When I'm Back On My Feet Again”, another song, then “I'll Be There” cover by Michael Bolton (again), 'Diamond Girl' by Seals & Crofts. Badly shuffled programmed music (presumably); locally-sourced. Listed as Gospel format in the last NRC AM Log. WDWR with EWTN blather when pointed the opposite way. (TK-FL)
- 1230 WKWL AL Florala – 8/8 1115 – Logged from Niceville: Fleetwood Mac, Earth Wind & Fire, Billy Joel, Bon Jovi. “If you like the Classics, we've got you covered, WKWL”. Off the air August 6 while in downtown Florala. In fact, the transmitting tower was spotted downtown. Just WDWR, the Pensacola, Florida EWTN Catholic talk signal audible on the portable at a picnic bench in Florala City Park on Lake Jackson, across from the Gitty Up-N-Go. (TK-FL)
- 1270 KDJI AZ Holbrook – 7/19 0800 – Legal ID, followed by Fox News; 0805 weather “. . . from the White Mountain Radio Weather Center . . . for Pinetop, Lakeside, Show Low, Holbrook and surrounding area”. Fair. (JW-CO)
- 1289.974 +/- WOPP AL Opp – 8/5 0835 – Fair signal at best. Male announcer with live read ad for a business in the LeMar Plaza, long list of local listeners date-of-birth greetings, SRN News at :00, then local news sponsored by CCB Community Bank. Measured here, but very slightly varies, mostly up. Another low het/growl potential, at least for those in the extreme SE USA. Then, logging while in Florala, Alabama the next morning, noted with a mix of Classic Country and MOR Oldies (heavier on the latter). On a portable radio, the inaccurate transmitting position wasn't detectable. (TK-FL)
- 1300 WNQM TN Nashville – 7/12 2039 – Good, over/under KGLO, with “Healthline Live” show hosted by Dr. Bob Marshall. Webstream was about 20 seconds behind. WNQM is one of only 12 stations in the U.S. that airs this program on the weekdays, and the only one on 1300. (RD-IA1)
- 1310 KKNS NM Corrales – 8/5 0753 – Classical music segments, punctuated by the same recorded IDs every few minutes: “This is 1310 AM KKNS Corrales, New Mexico”. Sounds like maybe they're stunting. This station has been on again – off again for the past few years. (JW-CO) [A classical format doesn't sound appropriate for that part of the country, unless they are targeting nearby Albuquerque – Ed.]
- 1390 WMER MS Meridian – 7/19 2216 – Topping WGRB Chicago and everything else on 1390, with Southern Gospel music and CLs, mention of 93.1 FM. Not a new logging for me, but there's **No Question** this one was blasting out the full 5 kW day power at the time. (RD-IA2)
- 1400 WJLD AL Fairfield – 8/7 0710 – Gary Richardson Morning Show with local listeners calling in on current events, a spot for the Richardson Law Group. The station is owned by Richardson Broadcasting Corp. Spot for Birmingham's 4th Avenue Jazz Fest. (TK-FL)
- 1490 WANG MS Biloxi – 8/5 2014 – Ad for something “. . . on Highway 90, Beach Boulevard” then male liner “More Classic Country on 103.5, The Possum”. (TK-FL)
- 1490 WHOC MS Philadelphia – 8/5 2013 – Briefly up with ad for local business “. . . in downtown Philadelphia.” Overtaken by WANG. (TK-FL)
- 1490 KTTR MO Rolla – 7/14 2259 – Briefly atop, with Contemporary Christian song “Who You Say I Am” by Hillsong Worship, then ID as “Music for your soul . . . Shine 104.9, KTTR, Rolla, Shine 104.9”, but no mention whatsoever of the AM frequency! Confirms what I thought I'd heard on this SDR back during the winter. (RD-IA1)





**1539.996 +/- KBOA MO Kennett – 8/3 0328 –** Satellite-fed Adult Standards/MOR Oldies (Roberta Flack, Looking Glass, Barbra Streisand, Firefall). Frequent liners after every couple of songs mentioning “1540 AM and 98.7 FM” and a “W” something call letters for the FM, usually inserted after mostly national ads. CBS News top of hours. Finally nailed it with a local farming equipment ad touting service area for SE Missouri and the corners of Tennessee and Arkansas. Kennett is in that little SE lip, almost an Arkansas wannabee. The FM simulcast is WGCQ-FM Hayti (seriously), MO. Transmitter is drifting fairly rapidly a few Hz both sides of nominal center, between about 1539.992 to 1540.004, the best giveaway for any lucky threshold signal loggers. It's 1000 Watts day, a mere 3 Watts nights and 530 Watts Critical Hours. We'll assume they're illegally running 1000 or 530 Watts for this, and subsequent logs, as in: still there and off-channel **August 6 at 0645** with the Captain & Tennille. (TK-FL)

**1600 KLEB LA Golden Meadow – 8/2 2232 –** Very good, with almost indecipherable Cajun English-accented lady jock between Zydeco vocals, accordion instrumentals and old regional Rhythm & Blues vocals. “Ragin' Cajun” slogan still used as often heard within frequent 'proper' English station promos. Presumed WAOS, Austell, GA near local level pest with Mexi-tunes format Spanish when beamed away, obviously not on 67 Watts night power. KLEB made a very occasional, though always a rather weak appearance, at my old Clearwater, FL location. (TK-FL)

# Musings of the Members

Dave Schmidt, 49 N. Sumner Street, York PA 17404, [NRCMusings@aol.com](mailto:NRCMusings@aol.com)

## Gary Siegel – Toledo OH (submitted with dues)

Here's my dues, and an order for the AM Radio Log 40th edition. This info is essential; a true must have, as is the 8th edition of the NRC AM Station Pattern Book. A must have to find any probable “mistakes” by AM stations still on day power at night. The Pattern Book can be a tool in helping find those errant stations if they are out of whack. My last 5 AM additions are courtesy of such out of norm transmission situations, WXYG-540 MN, WLES-590 VA, CKNT-960 ON, and that to WWJ for turning off its despised HD-IBOC, KWNO-1230 MN – due to WCWA audio drop, and WVRQ-1360 WI on day power. AM total is 3794. Will look to update AM Totals and GY totals in 2020. AMs now with FM translators are an aid to IDing stations too!

# GRAVEYARD DX UPDATE

Tim Hall, 1244 Crystal Springs Dr., Chula Vista CA 91915-2123  
[TimHall1@gmail.com](mailto:TimHall1@gmail.com)

1490 kHz

Station	State	City	DXer	DX Location	Miles
KJNT	WY	Jackson	Tim Hall	US 6/50 at NV/UT Border, UT	349

DXer	DX Location	1230	1240	1340	1400	1450	1490	Total
Tim Hall - US 6/50 at NV/UT Border, UT		37	34	33	42	33	38	217

## MEMBERSHIP RENEWALS

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Visit the NRC on Facebook: <https://www.facebook.com/groups/509246815818550/>

# Domestic DX Digest – East

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

Loggings of U.S. and Canadian stations by DXers in the Eastern & Atlantic time zones  
 All times are Eastern Local Time (ELT)

## REPORTERS

- HJH-PA** Harry Hayes, Wilkes-Barre – Grundig S350, C Crane Skywave, ALA-1530 loop, Kiwa Pocket Loop.  
**TLK-FL** Terry Krueger, Niceville (FL Panhandle) – ICF-7600GR, Sangean PR-D5  
**JW-PA** Jim Weber, Oyster Point – Grundig S350  
**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 DX-related tweets will be hash-tagged #MWDX.

Friend me on Facebook! [www.facebook.com/keval.mike](http://www.facebook.com/keval.mike)

View me on Instagram! brookermike

## UNID

- 1400 unID -- - 7/15 0728 – Black male announcer mentioning the KKK and "300 years of oppression" then same guy with live read ad for some local restaurant with chicken wings and BBQ, phone number without area code, rapid fade. With me in close proximity, I can confirm that the Ft. Walton Beach WFDM remains silent as of this writing. (TLK-FL)

## LOGGINGS

- 580 WACQ AL Tuskegee – 7/14 0657 – Tuned in to Steve Perry "Foolish Heart" then male canned ID with mention of FM translator calls, into Sunday Southern Baptist gospel services. U1 500/139 watts. (TLK-FL)  
 590 WMBS PA Uniontown – 7/25 0530 – This one had been playing hard to get, but finally noted with mediocre signal and partial "WMBS" IDs. Verified through web //. (JW-PA)  
 790 WPNN FL Pensacola – 7/14 1733 – Long string of Pensacola and Mobile Bay area store ads, back to Glenn Beck replay. (TLK-FL)  
 830 WCRN MA Worcester – 7/31 2105 – Over WCCO and CHAM-820 slop with oldies, "North star music...AM 830 WCRN." Partial flip from all-talk format. (MKB-ON)  
 1150 WDEL DE Wilmington – 7/13 2101 – Fair signal with Phillies v. Nationals game. ID as "WDEL and WSTW HD-2." Former regular is now somewhat rare. (HJH-PA)  
 1230 WKWL AL Florala – 7/14 1657 – Mediocre level daytime with Bonnie Tyler "It's a Heartache" into (of all train wreck things) "Up All Night" by hair band Slaughter, no ID through top of hour, Michael Bolton "When I'm Back On My Feet Again," another song, then "I'll Be There" cover by Michael Bolton (again), "Diamond Girl" Seals & Crofts. Badly shuffled programmed music (presumably) locally sourced. Listed as Gospel format in the last NRC AM Log. WDWR with EWTN blather when pointed the opposite way. (TLK-FL)  
 1400 WAMC NY Albany – 8/2 0519 – In very briefly at this time with "WAMC" call sign ID. (JW-PA)  
 WINC VA Winchester – 8/2 0532 – Local ad for Wayside Inn in nearby Middletown, then lots of mentions of Winchester during community news after the top of the hour. "News-Talk" slogans during this period. (JW-PA)  
 1430 WDIC VA Clinchco – 8/2 2250 – Fair at times with WNSW in Newark, NJ and a Pirates Baseball station that I assume to be WVAM. ID as "Real Country 1430 WDIC". (HJH-PA)  
 1460 WBUC WV Buckhannon – 7/26 2200 – Fair at times with "93.1 The River" slogan. Mention of Fairmont and Morgantown at ToH ID. Also "WB UC 1460" ID at this time. (HJH-PA)  
 1550 WITK PA Pittston – 7/20 2314 – ID at this time then again at 2330, followed by promo for radio advertising time on this station. Occasionally in well. (JW-PA)



# International DX Digest

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

contiba@gmail.com

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

All times are Universal Coordinated Time (UTC)

## TRANS-ATLANTIC DX

- 1107 **SPAIN** RNE5 synchros AUG 3 0400 – Fair; time marker and checks to servicios informativos. [Conti-NH]
- 1152 **ROMANIA** R.România Actualitati, Cluj AUG 3 0159 – Fair; choral national anthem. [Conti-NH]
- 1215 **UNITED KINGDOM** Absolute Radio synchros AUG 3 0100 – Fair; "(I Could Never Be Your Woman" by White Town. AUG 5 0258 – Fair; "Message in a Bottle (Sending out an S.O.S)" by The Police, ID with sounder to news, lead story about Dayton shooting with "Amazing Grace" sound bite, news ended with "From Sky News" outro. [Conti-NH]
- 1539 **SPAIN** SER Elche//Manresa AUG 5 0059 – Poor in 1540 CHIN splatter; talk parallel 1044 kHz. [Conti-NH]

## PAN-AMERICAN DX

- 570 **MEXICO** XEOA La Mexicana, Oaxaca, Oax. JUL 24 1056 – Mexi-tune abruptly faded up, into unabridged choral anthem from 1057-1102, quick fade at ID time with man mentioning Mexico. AUG 6 1058 – Mexi-tune concluding, then man "¡La Mexicana!" into unabridged choral anthem 1100-1105 followed by lady with calls and slogan, quickly overtaken by KLIF. Chasing this for almost two weeks, the first time it's appeared since initially logged July 24. [Krueger-FL]
- 580 **MEXICO** XEMU La Rancherita del Aire, Piedras Negras, Coah. JUL 21 1039 – Following up almost daily since my July 13 unidentified here, today loud with U.S. border store ads and U.S. phone numbers, a couple Piedras Negras businesses ads, Mexi-tune, "Noticiero Rancherita del Aire" quick news summary by female at 1047, Mexican truncated choral anthem from 1102, ID. [Krueger-FL]
- 590 **MEXICO** XEPH Sabrosita 590, México, DF JUN 15 1050 – Usual tropical vocals, man and woman jocks, semi-truncated vocal anthem from 1056, long band-backed singing station promo, female ID 1101 with calls, slogan, 50 mil wats de potencia, música tropical mention. Local level. 660 XEDTL R.Ciudadana also in well same time. Mexicans drop like a rock here vs. Clearwater, FL, where the open water path keeps some of the stronger ones in 45+ minutes after local sunrise. [Krueger-FL]
- 710 **MEXICO** XEMP Radio 710, México, DF AUG 1 1106 – End of Mexi-tune, into very late choral unabridged anthem, man and woman trading off with "XEMP, Radio 710..." phone numbers, power, "la emisora... radio." Into romantic vocal, local level. [Krueger-FL]
- 750 **CUBA** R.Progreso, Palmira AUG 3 0900 – Over/under WSB; top of the hour canned ID with theme song parallel 640 kHz. [Conti-NH]
- 760 **COLOMBIA** HJAJ, RCN, Barranquilla AUG 4 0101 – Under WJR; choral national anthem. [Conti-NH]
- 840 **CUBA** CMHW DobleVé, Santa Clara AUG 11 0400 – Under WHAS; heard Cuba choral national anthem, then at 0401 another Cuba choral national anthem started. One of the anthems was from DobleVé, the other from R.Revolución. [Conti-NH]
- 910 **CUBA** R.Cadena Agramonte, Camagüey-Tagarro AUG 11 0400 – Under WLAT; ascending sounder. [Conti-NH]
- 950 **MEXICO** XECEL R.Lobo, Celaya, Gto. JUN 24 0513 – Regional Mexican music, announcements or possible ads, heard "Radio Lobo" ID a few times, more music. Fair at times over WWJ to very poor. Parallel to Tune In stream, but a few minutes behind. Also heard R.Reloj Cuba in there as well. I have had a few people tell me XECEL switched off their AM outlet in 2017, but I'm 99% sure about this. I wasn't even thinking at the time it was them until I heard the clear ID. [Snider-ON]
- 1000 **COLOMBIA** HJAJ, RCN, Cartagena JUN 24 0254 – Talk by female announcer, possible ads and/or promos (some mentioning Colombia), "La Radio" mention at 2301, into what sounded like the news read by a male and female. Fair to very poor with WMVP mostly nulled. Parallel to Tune In stream. [Snider-ON]

- 1080 **CUBA** unID AUG 11 0400 – Under WTIC, over unID Spanish; choral national anthem. [Conti-NH]  
 1150 **CUBA** *R.Bayamo*, Bueycito AUG 11 0359 – Under WWDJ; theme music and choral national anthem. [Conti-NH]  
 1530 unID AUG 3 0300 – Under WCKY; "¡Go-o-o-ol!" fútbol coverage in Spanish. AUG 4 0258 – Under WCKY; excited sports commentary in Spanish. AUG 11 0359 – Under WCKY; talk in Spanish. [Conti-NH]  
 1620 **U.S. VIRGIN ISLANDS** WDHP Frederiksted AUG 5 0100 – Over *R.Rebelde*; Caribbean urban contemporary vocals. [Conti-NH]  
 1569.5 unID JUN 20 0300 – Weak het. [Connelly-MA]

### TRANS-PACIFIC DX

- 846 **KIRIBATI** *R.Kiribati*, London, Kiritimati Island JUL 18 0604 – JBA carrier, surely from *R.Kiribati*. Too late for anything from Eurafica in the summer, but not too early for propagation from Xmas Island. Last trace of 846 heard here (along with several others) was April 29 at 1121-1128 UTC. At 0607, I also have a JBA carrier noticeably off-frequency minus from 774; not sure what that could be. Surely not Iran or Indonesia as in mwlist.org mwoffsets. AUG 1 0532 – JBA carrier vs storm noise level, presumed *R.Kiribati*, 10 kW, rather than anything from Europe this late where there are only 3 stations on 846 ranging from 0.3 to 1 to 3 kW, in Ireland, Denmark, and Italy. Kiritimati transmitter site sunset time 0441 UTC. [Hauser-OK]

### CONTRIBUTORS

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 longwire.  
 Terry L. Krueger, Niceville FL; ICF-7600GR, Sangean PR-D5, ICOM IC-R75, active loop.  
 Paul Snider, London ON; EladFDM-S2, Pixel Pro 1B loop, MFJ-1020C as tuner.

73 and Good DX!

## Mexican AM to FM Migration Update

Tim Hall

The following additional 27 stations have informed me via Facebook message in July 2019 that they have finished migrating to FM and turned off their AMs.

780 XEWGR-COAH	960 XEROO-QROO	1170 XEUVA-AGUA	1340 XEOS-SON
850 XEZI-MICH	970 XEVT-TAB	1170 XEIB-SON	1400 XEKJ-GUER
860 XEAL-COL	1010 XEWS-SIN	1190 XEPP-VER	1400 XEI-MICH
920 XECQ-SIN	1020 XEPIC-NAY	1270 XERRT-TAMA	1430 XELL-VER
950 XEACA-GUER	1050 XEZUM-GUER	1300 XEKW-MICH	1520 XEVO-VER
950 XEZE-NAY	1070 XEGY-PUEB	1330 XEMAC-COL	1590 XEBZ-CHIH
960 XETAP-CHIA	1140 XEXF-GJTO	1330 XEEV-PUEB	

The following 3 stations have confirmed in July 2019 that their AM stations are still active:

640 XETAM-TAMA	920 XEZAR-PUEB	1000 XEMYL-YUC
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As always, there is no guarantee that every station employee answered correctly, but of the 200+ responses I have received so far, only a few have been questionable. In the list of stations above, I think only XEWGR has been logged by DXers fairly recently.

73 Tim

# DX Toolbox

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

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 118.

**Bits and Bites from the NRC listserv**

From: Bill Whitacre, Alexandria, VA

Re: An Old Split

Hey, wanna be reminded how old we're all getting? Here's a couple of cuts I found while going through some old digitizations of even older reel-to-reel tapes of DX from the 70's when I was DX'ing 'from home' in Lansing, Michigan on a Hallicrafters SX-96 and Joe Worcester loop antenna.

Radio Omega, Costa Rica on 575kHz from October 19, 1977 and the same again from October 30, 1977: <http://realmonitor.com/dx> – with a lot of other equally old recordings. Work in progress.

From: Pete Taylor, Tacoma, WA

Re: European Trip May 2019

My wife and I hopped on a Princess cruise liner in Ft. Lauderdale May 3 and ended up in Athens on June 1. The ships used to provide you with real time geographic coordinates 24/7 on channel 35 – but not anymore. Links include rare stations, some time pips and a few mysteries. Times are my local times since these are not extraordinary DX catches but rather stations you would probably also hear if you were in the same location. \* = links included. Receiver was an XHDATA D-808.

CROSSING THE ATLANTIC. Envision a path between Ft. Lauderdale and Ponta Delgada, Azores; that was our route. My first surprise, two days out, was WSDK-1550 with a clear and strong ID at 9 pm. The next evening, CBG-1400\* also at 9 pm, and on the 7th, WEGP-1390 with mention of a string of stations at 10 pm. Many hets were heard and it was fun seeing them turn in to the dominant signals. On the 4th and 5th nights out, hets were noted on 620 710 810 880 910 980 1090 1180 1190 1270 1340 and 1450. Conversely, NL audio was all over the dial. It was fun seeing them turn in to hets as we approached Portugal. Newfies heard on the 4th night include 570 590 620 640 650 710 740 750 800. The first non Jil-FM African heard was seemingly Ouled Fayet, Algeria on 1422\*. (Links: [1400](#), [1422](#), and [1422](#).)

AZORES/MADEIRA. No AM stations noted in Ponta Delgada, but the one in Funchal, Madeira, is alive and well on 1530\*. (Link: [1530](#).)

ALGERIA. Jil FM was trackable most of the way across the Atlantic either on 531 or 549. You have to listen closely to get the ID. The music blend is interesting.

CASABLANCA. Sidi Benour-540 was the closest to being a local. Most everything else which came in was Spanish.

GIBRALTAR. Radio Gibraltar-1458\* was local along with many Spaniards and SER Radiolé in Ceuta on 1584. (Link: [1458](#).)

PORTUGAL. 891\* was the only Portuguese station I took note of. It does not seem to ID as "Radio Sim." (Link: [891](#).)

SPAIN. Spanish stations dominate the dial. Most were identifiable in WRTH but one on 720 was not. SER Gandia-1584\* got out very well. (Link: [1584](#).)

ITALY. No real surprises here other than the Iranian buzz-saw jammer wiping out Genoa on 1575\* on 5/24 at 8 pm probably about 120 miles out. There was a large tower on the eastern tip of Sicily. 1062 and 1116 were local/semi-local but I don't think they were using it. (Link: [1575](#).)

MALTA. A nice surprise popped in as we passed through the straits between Sicily and Messina. Ads were in EE and Italian and were dominated by ones for Costa Coffee. It had BBC news at 9am 5/27. Radio Malta is on 999\*. (Link: [999](#).)

GREECE. Athens stations on 729 927 1107 1269 1341 were all noted at fair to good levels 30 minutes before we docked in Chania, but other than 75 kW 729, all faded out by the time we tied up, presumably because of the proximity of the mountains. 1341 identified as Star Radio rather than the listed Smooth Radio and featured English language hits. 729\* is included because of its unusual time pips. In Mykonos there was no AM station using the tall tower. In Kerkira (Crete) there were two identical tall towers for 1008 kHz but they were very close together which presumably means they have a fat pattern – or maybe it's a standby. (Link: [729](#).)

CYPRUS: Sawa-999 was noted at a fair level 5/30 at 2200 but I wasn't taping.

UNIDs: (1) On 5/24 leaving Livorno, Italy, at 9 pm, there were a few words in an unknown language, a 10-second tone and then a carrier drop on 1323kHz\*. (2) At 9:05 pm, in the middle of a Latin selection, the station just went off the air on 1251kHz. (3) On 6/14 at 10pm, Radio Swoboda was noted on 1386\*. I presume this was Lithuania. (Links: [1323](#), [1386](#).)

We ended up in Hamburg, Germany, but were in an airbnb apartment and the QRN was overwhelming. I can safely say, however, that there were no MW locals. Nothing got through at all! PS - I also taped many stations during our South American cruise in February/March but the computer seems to have eaten them. If I can track them down, I will share the info.

Later Pete answered some questions from Mark Connelly:

MC: Thanks for that report Pete. What did you use for audio recording?

PT: Sony TCM-200DV cassette recorder. I then converted the recordings to RIAA since that seemed to sound better.

MC: Would the GPS in a cell phone work on the ship to get coordinates I wonder?

PT: No. The captain announced the noontime positions each day we were at sea and I got them from a navigation program on my phone when we were in port.

MC: I would think that the route going from Florida to the Azores, passing due south of here at some point, would put you in range of a lot of Brazilian and other South American DX. While passing south of the New England states the NYC and Boston 50 kW stations should be good at least 600 miles out on daytime groundwave though the Norfolk, VA area ones might even be better at that lower latitude.

PT: Just about all the East Coast heavies showed up during the early part of our six-day crossing but I didn't spend a lot of time on domestics.

MC: Many of the stations you picked up are semi-regular here, especially the higher power ones from Spain and Algeria. Greece is quite a bit tougher though from the eastern Mediterranean 864 Egypt often blasts, as in this [link](#).

PT: I did note that one but really wasn't familiar enough with the band in the Mediterranean, with its multiple languages, to say for sure that I had Egypt. I also noted the strong AA on 783 but really can't confirm that it was Syria. I am assuming it was but don't count it as a logging.

MC: 1422 Algeria sounds like [this](#) here. Note the final pip a higher pitch (right before the anthem).

PT: This one really seemed to get out, but again, on my recordings, I didn't hear anything specifically IDable. However, I have the same anthem you recorded. After the two Jil FM frequencies, which had a head start, I was just surprised how early in the trip 1422 came in.

MC: [This](#) is typical 549 "Jil FM" Algeria here.

PT: I did get it a couple of times but it comes pretty fast and is very short. And yes, I did hear it wiping out 550 while we were still lingering off the East Coast.

MC: Did any of the UK stations (693, 810, 882, 909, 1053, 1089, 1215, 1341, etc.) come through or were you too far south?

PT: At one time or another, all the ones you mentioned were heard chipping away US domestics. However, I didn't spend a lot of time on these because there is such widespread familiarity. It was more interesting for me to track all the Newfies.

MC: I wonder if anyone has done SDR captures from the mid-Atlantic either from a ship or plane.

PT: We came within 15 miles of Bermuda which was devoid of AM stations from there or anywhere else on 5/5 at 6pm local. This was surprising because I remember hearing WINS during the daytime there on a previous trip eons ago. That night, as we moved further NE at about 18 knots, I don't see any log reference to Latins. By the 6th (3 nights out) all the Euro heavies (and Newfies) were resplendent.

I just found all my recordings from our around-South America trip in Feb.-Mar. so info on this will be coming shortly.

Also Randy Stewart, Springfield MO noted: Actually, I do hear a "Radio Sim" sung ID jingle 6 seconds into the clip.

From: Pete Taylor, Tacoma WA

Re: Guyana and the Falklands

560 and 530 are both alive and well and on frequency as heard during our cruise in February/March this year. Guyana was heard while we were docked at St. Thomas USVI. I had been there several times before but never noted it. I just don't think I spent a lot of time on 560 since it was always Cuba and WQAM on the way down. The three cuts were recorded between 6-6:30pm local time on 2/5. You will hear NCN (National Communications Network) from time to time. The level obviously improved as we edged our way southward.

The Falklands' 530 was first noted about 200-250 miles NW on 2/24. This ID, and that's about all there is here, was recorded while we were docked 2/25 a little after 5 pm local time and seemed to lead in to a program of country music. We got around the island fairly well but I never did see a tower. This obviously is not DX, but as someone else has already pointed out, it is unlikely I will ever hear it again so why not record it?

GUYANA: Links to 3 cuts: [here](#), [here](#), and [here](#).

FALKLANDS: Link [here](#).

From: Gary DeBock

Re: April 2019 Hong Kong Ultralight DXpedition

Hong Kong has been in the news a lot recently, but for me the major excitement happened in April, as I decided to accompany my Hong Kong Chinese wife to one of the toughest DXpedition venues on the entire planet. Hong Kong has a well-deserved reputation of being a DXing wasteland, with an overload of Chinese pest stations, overcrowded public beaches, prolific RFI and the most skyscrapers and high rise buildings to be found anywhere.

Ultralight radios and portable antennas have one key advantage in such a tough venue, however — they can go practically anywhere, and track down exciting DX in the most unusual and bizarre locations. For me, this meant setting up on a polluted waterfront beach in the gambling enclave of Macau, on an awesome plunging cliff at the southeastern tip of Hong Kong island, on a wild waterfront beach with multiple Chinese spectators, and by shoving a souped-up Ultralight radio outside the security window on the 12th floor of a downtown high rise apartment building. These wild and wacky locations were the key to tracking down a diverse haul of 103 DX stations, including several from eastern Europe, Africa and the Middle East, as well as many exotic Southeast Asian stations. For those interested, a full 19-page article with multiple photos, narrative and 120 DX MP3 recording links is posted [here](#).

From: Bill Whitacre

Re: Best Time of Year to Go West

Have you ever wondered when is the best time to visit the northwest coast to DX from a propagation perspective? People who live there will tell you it's "the fall." They'll also tell you that there's two "seasons" and the spring can be pretty good too. And they're right ... but wouldn't it make you feel a little more confident if you had some numbers to back that up?

Now we do! I have graphed for the past 3 years Nick Hall-Patch's daily Victoria, BC report on MW conditions based on a numerical scale he suggested. For even longer I've been collecting and graphing geomagnetic indices - solar flux, A-index, K-index, EPEAD 2MeV electron density and DST on a daily basis. Some of us had hoped that by marrying actual reception with geomagnetic indices we could 'see' some trends and even make it possible to explain or [gasp!] predict day-to-day variations. That hope has not yet materialized BUT one can look at longer term trends - like a monthly average of Victoria TP and DU reception and gain valuable insight.

You'll find the numbers in a table [here](#). And, if you're like me, a graph is preferable and it's [here](#).

What you'll see right away is that there are indeed two seasons - spring [March - April] and fall [September - October] - that are best for TP reception. The best DU reception appears to center on September. This is only 3 years of data but already you can see some trends:

- 1) There's lots of variation in the 'goodness' of a particular season - see October 2018 for example.
- 2) Sometimes the spring season is actually better than the fall season - see March 2018 compared to October 2017.
- 3) DU signals are generally weaker than TP signals.

Someone will point out that this is only for one location. That's true but I think we'll find that it broadly represents trends throughout the northwest. It'll be interesting to see how this develops and if there are other things that can be discovered or better illustrated by looking at other summaries of the data.

From: Mark Connelly

Re: Best Time of Year to Go West

East Coast situation is that mid-September through late November tends to be most productive overall. As Roy Barstow's reports show, the spring/summer focus, when static allows, is the Caribbean, South America, and deep Africa. Some Europe, North Africa, and Mideast DX persists but at a lower variety level than during autumn prime time. Mostly were talking about big guns making it via high power and/or a good coastal site.

Winter is highly variable: good TA nights mixed with duds. Less consistent than autumn.

March can be a good month sometimes but not quite up to late September and October.

Aurora is season-independent and can kick up at any time to reduced northerly QRM and enhance DX from the tropics. The different profiles of the sunset and sunrise terminator lines make what you get in a June aurora quite different from what may be noted in a December one. Auroras near the vernal and autumnal equinox dates are often the most productive.

73 for this time, Shawn.

**Remember On A Clear Day You Can Hear Forever**

# Unreported Domestic Stations

Five stations – WMSP-740, WPNN-790, WKWL-1230, WOPP-1290, and WHOC-1490 – were reported to DDXD this issue for the first time since at least Volume 67 (1999-2000). We are now down to 345 stations on the list of currently licensed, full service AM stations in the United States and Canada that have not been reported in that time.

For purposes of this list, we don't count call changes or changes in location (within reason) as changes, but we do count changes of frequency as "new" unreported stations until they are reported. If you can hear one of these stations, please report it to DDXD ... it's been at least 20 years since anyone has reported one of these stations, so we won't be bored!

550	KNUI-HI		KZZB-TX		KNSN-CA		WDPN-OH
560	KVOK-AK		KAML-TX		WBGC-FL	1320	KSCR-OR
	CBDN-YT		CBDB-YT		WKIQ-FL		KXRO-WA
570	CKWL-BC	1000	WKVG-KY		WLAG-GA	1330	KXXJ-AK
580	WLVA-VA		KSTA-TX		WWNS-GA		KJPR-CA
590	CFTK-BC	1010	KDLA-LA		KEWE-HI		WNIX-MS
670	WYLS-AL		WCKW-LA		WEBQ-IL		KGLD-TX
680	KBRW-AK		WUKZ-VA		WSFC-KY		WSNQ-VA
	KBRD-WA	1020	KDYK-WA		KASO-LA		KGRG-WA
720	KOTZ-AK	1040	KLHT-HI		KANE-LA	1340	WSBM-AL
740	KCIK-HI	1050	WJCM-FL		WMIS-MS		WMHZ-AL
760	KGU-HI		WTWG-MS		WMSO-MS		WJAM-AL
800	WMGY-AL		WBUT-PA		KSAM-MT		KBTA-AR
	KINY-AK	1070	KBCL-LA		KBEL-OK		KQIS-AR
	KAGH-AR	1080	KYMO-MO		KRJV-OR		KCAT-AR
	KVOM-AR	1090	KEMR-NM		KRDM-OR		WPBR-FL
	WPEL-PA	1110	KAGV-AK		WQFM-PA		WTYS-FL
810	KYTY-TX		WCBR-KY		KVLF-TX		WGAU-GA
820	WSWI-IN		WOMN-LA		KXYL-TX		WOKS-GA
830	KSDP-AK		KTTP-LA		KDOK-TX		WBIW-IN
	WACC-FL		WYMW-WV		KXOX-TX		WKCB-KY
850	WLRC-MS	1120	WHOG-AL		KBUP-WA		WAML-MS
860	KWRF-AR	1140	KSLD-AK		CKMK-BC		KLID-MO
	KFST-TX		KVLI-CA		CJOR-BC		KQDE-MT
	CFPR-BC		WMMG-KY		CFNI-BC		KHUB-NE
	CHAK-NT	1150	WXKO-GA		CJAR-MB		WPOL-NC
870	CFBV-BC		WONG-MS	1250	WSRA-GA		WOUB-OH
880	WAMI-AL		KBPO-TX		WKDX-NC		KBNW-OR
890	WJTP-GA	1170	WQHC-AL		WNTT-TN		KRBA-TX
900	WOZK-AL		WRPM-MS	1260	KCCB-AR		KUOW-WA
	KZPA-AK	1190	WPSP-FL		WMDG-GA		KYSP-WA
910	KBLG-MT	1210	KZOO-HI		WHYM-SC		WMON-WV
920	WEZZ-AL	1220	WERM-AL		WCLC-TN		WJYI-WI
	WPTL-NC		WSRQ-FL		WWIS-WI		KYCN-WY
930	KTKN-AK		WZOT-GA	1270	WGSV-AL	1350	WELB-AL
	WYUS-DE		KQMG-IA		WIJD-AL		WRKM-TN
	KBAI-WA		WOEG-MS		WNOG-FL	1360	KFFA-AR
	KYAK-WA	1230	WAYX-GA		KNDI-HI		WGJK-GA
950	KRRP-LA		KLIC-LA		WMLC-MS		WFFF-MS
	WHSY-MS		WSLO-LA		KIHK-MO	1370	KAWW-AR
960	WBMC-TN		KLCB-MT		WMIZ-NJ		KTPA-AR
	KIMP-TX		KRYN-OR	1280	WPID-AL		WZTA-FL
	KALE-WA		KCUP-OR	1290	WYEA-AL		WTKY-KY
970	WFQY-MS		WMLR-TN		KBMO-MN		KAST-OR
	WMPW-VA		WAKI-TN		WJBI-MS	1380	WRAB-AL
980	KEYQ-CA		KCOH-TX		WTYL-MS		WGYV-AL
	WTOT-FL		KDYM-WA		KALM-MO		WVSA-AL
	WDYN-GA		CHFC-MB	1300	WTLS-AL		WNLA-MS
990	WRFM-IN		CFFB-NU		KACI-OR	1390	KDQN-AR
	WWKY-KY	1240	WMGJ-AL	1310	KZYP-AR		WANY-KY
	WABO-MS		WJLX-AL		WPCH-GA		KFRA-LA



	KBBO-WA		WLCB-KY	1480	WKGC-FL		WSMX-NC
1400	WWTM-AL		WCWC-KY		WNKW-KY		WDEB-TN
	WPRY-FL		KMRC-LA		KCHL-TX		KANI-TX
	WCOH-GA		KKOZ-MO		KNTB-WA	1510	WJKN-MI
	WSEG-GA		KROL-MO	1490	WFZX-AL		KCTX-TX
	WEOA-IN		WDJS-NC		WIRB-AL	1520	WTLM-AL
	WCYN-KY		KROO-TX		WHBB-AL		WINW-OH
	WBIP-MS	1440	WOCJ-MS		KXAR-AR	1530	WASC-SC
	WFOR-MS		WBLA-NC		KOTN-AR	1540	WMYJ-IN
	WJQS-MS	1450	WZGX-AL		KLZN-CA	1550	WOCC-IN
	WMXF-NC		WCOX-AL		WMBM-FL		WLTI-IN
	KFJL-OR		WDIG-AL		WCHM-GA		WUCO-KY
	KJDY-OR		KDAP-AZ		WKUN-GA	1560	WSEZ-IN
	KBCH-OR		KNHD-AR		WSNT-GA		WBOL-TN
	WYUP-PA		WSTU-FL		WSYL-GA		KNDF-TX
	WGAP-TN		WTAL-FL		WOMI-KY		KHBR-TX
	KRUN-TX		WXVW-IN		WSIP-KY	1570	WOKC-FL
	KEBE-TX		WTCO-KY		KRUS-LA		KUKU-HI
	KLCK-WA		KNOC-LA		WCLD-MS		KMCD-IA
	WBTH-WV		WCJU-MS		KYWL-MT		WABL-LA
	CHNL1-BC		KWPM-MO		KHTC-MT		WIZR-MS
1410	WZZA-AL		KGRZ-MT		WMOA-OH		WLEE-MS
	WYIS-GA		WMRV-NC		KBIX-OK		KPYK-TX
	KDBS-LA		WLAR-TN		WTQS-SC	1580	WNPZ-TN
	WVVB-TN		KBEN-TX		WGCD-SC		KTLU-TX
	KHCH-TX		KMHT-TX		WCOR-TN	1590	KVTR-CA
	KZEY-TX		KNET-TX		KNEL-TX		KDEX-MO
	KITE-TX		WLUX-WV		KWMC-TX		WBHN-NC
1420	WQBC-MS	1460	WELZ-MS		KHVL-TX		WABV-SC
	WMYN-NC		WDOG-SC		KLNT-TX		KDAE-TX
	KFYN-TX	1470	WNWF-AL		KPLT-TX	1600	KTAP-CA
	WXGM-VA		WMGG-FL		KZEZ-UT		KTTN-MO
	KRIZ-WA		WCHJ-MS		KJNT-WY		KNCV-NE
1430	KVHZ-AK		KFMZ-MO	1500	WVSM-AL		
	KHBM-AR		KMAL-MO		WKAX-AL		
	WWSZ-GA		CJVB-BC		WQMS-MS		

# GRAVEYARD DX ACHIEVEMENTS

Tim Hall, 1244 Crystal Springs Dr., Chula Vista CA 91915-2123

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1490 kHz

Logged from January 1, 1960 to Present

Updated as of July 13, 2019

Station	State	City	DXer	DX Location	Miles
WANA	AL	Anniston	Don Trelford (SK)	Runaway Bay, Jamaica	962
WANA	AL	Anniston	Steve Francis	Alcoa, TN	176
WAJF	AL	Decatur	Neil Wolfish	Toronto, ON	745
WAJF	AL	Decatur	Steve Francis	Alcoa, TN	189
WHBB	AL	Selma	Frank Merrill	Milan, MI	687
KBAS	AZ	Bullhead City	John Wilkins	Wheat Ridge, CO	613
KCUZ	AZ	Clifton	Phil Bytheway	Seattle, WA	1216
KYCA	AZ	Prescott	Phil Bytheway	Seattle, WA	1037
KAIR	AZ	Tucson	Phil Bytheway	Seattle, WA	1226
KXAR	AR	Hope	Stephen Ponder	Bossier City, LA	80
KDRS	AR	Paragould	Shawn Axelrod	Winnipeg, MB	1000
KOTN	AR	Pine Bluff	Gary Siegel	Toledo, OH	689
KARV	AR	Russellville	Steve Francis	Alcoa, TN	519
KWAC	CA	Bakersfield	Richard E. Wood (SK)	Hilo, HI	2444

KWAC	CA	Bakersfield	Nancy Johnson	Billings, MT	905
KMET	CA	Banning	Tim Hall	The Sea Ranch, CA	493
KICO	CA	Calexico	Richard E. Wood (SK)	Hilo, HI	2597
KGBA	CA	Heber	Tim Hall	US 6/50 at NV/UT Border, UT	444
KRKC	CA	King City	Frank Merrill	Nenana, AK	2266
KRKC	CA	King City	Tim Hall	US 6/50 at NV/UT Border, UT	433
KTOB	CA	Petaluma	Frank Merrill	Nenana, AK	2107
KTOB	CA	Petaluma	Tim Hall	Fitz Hugh Sound, BC	972
KTOB	CA	Petaluma	Tim Hall	West Glacier, MT	829
KBLF	CA	Red Bluff	Nancy Johnson	Billings, MT	792
KBKO	CA	Santa Barbara	Richard E. Wood (SK)	Hilo, HI	2390
KDB	CA	Santa Barbara	Phil Bytheway	Seattle, WA	921
KOWL	CA	South Lake Tahoe	Tim Hall	Chula Vista, CA	465
KLZN	CA	Susanville	Tim Hall	West Glacier, MT	644
KSYC	CA	Yreka	Tim Hall	Cambria, CA	432
KBOL	CO	Boulder	Shawn Axelrod	Langley, BC	775
KCFC	CO	Boulder	Tim Hall	US 6/50 at NV/UT Border, UT	473
KPKE	CO	Gunnison	Tim Hall	Teasdale, UT	247
KEDI	CO	Manitou Springs	Phil Bytheway	Seattle, WA	1062
KNAM	CO	Silt	Tim Hall	US 6/50 at NV/UT Border, UT	346
WGCH	CT	Greenwich	Neil Kazaross	Grafton, WI	748
WNLC	CT	New London	Andy Rugg (SK)	Pointe Claire, QC	294
WTOR	CT	Torrington	Andy Rugg (SK)	Pointe Claire, QC	253
WTRL	FL	Bradenton	Frank Merrill	Milan, MI	1013
WXVQ	FL	De Land	Karl Jeter	Stone Mountain, GA	375
WKEM	FL	Immokalee	Ernie Cooper (SK)	Provincetown, MA	1253
WMBM	FL	Miami Beach	Marc DeLorenzo	Hyannis, MA	1232
WECM	FL	Milton	Kraig Krist	Manassas, Virginia	780
WEAG	FL	Starke	Don Trelford (SK)	Runaway Bay, Jamaica	851
WEAG	FL	Starke	Mike Hardester	Jacksonville, NC	432
WTTB	FL	Vero Beach	Marc DeLorenzo	Hyannis, MA	1125
WSIR	FL	Winter Haven	Barry McLarnon	Ottawa, ON	1244
WMOG	GA	Brunswick	Don Trelford (SK)	Runaway Bay, Jamaica	919
WMOG	GA	Brunswick	Russ Edmunds	Parsippany, NJ	778
WCHM	GA	Clarkesville	Steve Francis	Alcoa, TN	82
WYYZ	GA	Jasper	Steve Francis	Alcoa, TN	91
WRED	GA	Monroe	Gary Siegel	Toledo, OH	534
WSFB	GA	Quitman	Russ Johnson	Lexington, NC	396
WSNT	GA	Sandersville	Ernie Cooper (SK)	Provincetown, MA	990
WSYL	GA	Sylvania	Steve Francis	Alcoa, TN	251
WRLD	GA	West Point	Don Trelford (SK)	Runaway Bay, JMC	1113
WRLD	GA	West Point	Russ Johnson	Lexington, NC	347
KCID	ID	Caldwell	Shawn Axelrod	Winnipeg, MB	1009
KCID	ID	Caldwell	Tim Hall	Chula Vista, CA	763
KKLB	ID	Chubbuck	John Wilkins	Wheat Ridge, CO	440
KOFE	ID	St. Maries	Phil Bytheway	Seattle, WA	271
WKRO	IL	Cairo	Russ Edmunds	Glen Rock, NJ	851
WDAN	IL	Danville	Niel Wolfish	Winnipeg, MB	806
WDAN	IL	Danville	Shawn Axelrod	Winnipeg, MB	806
WDAN	IL	Danville	George Santulli	Cranford, NJ	701
WESL	IL	East St. Louis	Barry McLarnon	Ottawa, ON	872
WESL	IL	East St. Louis	Gary Siegel	Toledo, OH	408
WOPA	IL	Oak Park	Wayne Heinen	Orchard Park, NY	466
WPNA	IL	Oak Park	Jeff Falconer	Clinton, ON	339
WZOE	IL	Princeton	Niel Wolfish	Willowdale, ON	541
WZOE	IL	Princeton	Steve Francis	Alcoa, TN	486
WKBV	IN	Richmond	Niel Wolfish	Winnipeg, MB	961
WKBV	IN	Richmond	Russ Edmunds	Blue Bell, PA	512
WDND	IN	South Bend	Barry McLarnon	Ottawa, ON	581
WNDU	IN	South Bend	Steve Francis	Alcoa, TN	427
KBUR	IA	Burlington	George Santulli	Cranford, NJ	880
WDBQ	IA	Dubuque	Wayne Heinen	Colorado Springs, CO	779

					19
KXLQ	IA	Indianola	John Wilkins	Wheat Ridge, CO	615
KRIB	IA	Mason City	Niel Wolfish	Toronto, ON	692
KRIB	IA	Mason City	John Wilkins	Wheat Ridge, CO	657
WKYW	KS	Frankfort	Barry McLarnon	Ottawa, ON	680
KKAN	KS	Phillipsburg	Tim Hall	US 6/50 at NV/UT Border, UT	786
KTOP	KS	Topeka	Jeff Falconer	Clinton, ON	797
KTOP	KS	Topeka	Gary Siegel	Toledo, OH	663
WKYW	KY	Frankfort	Russ Edmunds	Blue Bell, PA	532
WKAY	KY	Glasgow	Frank Merrill	Milan, MI	352
WFXY	KY	Middlesboro	Jeff Falconer	Clinton, ON	498
WFXY	KY	Middlesboro	Gary Siegel	Toledo, OH	350
WOMI	KY	Owensboro	Niel Wolfish	Toronto, ON	573
WOMI	KY	Owensboro	Gary Siegel	Toledo, OH	330
WSIP	KY	Paintsville	Ernie Wesolowski	Omaha, NE	749
WSIP	KY	Paintsville	Jeff Falconer	Clinton, ON	407
WIKC	LA	Bogalusa	Charles Reh	Leamington, ON	867
WIKC	LA	Bogalusa	Steve Francis	Alcoa, TN	485
KJIN	LA	Houma	Steve Francis	Alcoa, TN	582
KRUS	LA	Ruston	Charles Reh	Leamington, ON	859
KRUS	LA	Ruston	Carl Dabelstein	Lincoln, NE	615
WBAE	ME	Portland	Kraig Krist	Manassas, VA	507
WTVL	ME	Waterville	Charles Reh	Leamington, ON	673
WTVL	ME	Waterville	Russ Edmunds	Blue Bell, PA	421
WARK	MD	Hagerstown	Andy Rugg (SK)	Montreal, QC	457
WARK	MD	Hagerstown	Steve Francis	Alcoa, TN	434
WMRC	MA	Milford	Russ Edmunds	Jonesport, ME	258
WACM	MA	West Springfield	Jeff Falconer	Clinton, ON	463
WACM	MA	West Springfield	Russ Edmunds	Blue Bell, PA	193
WABJ	MI	Adrian	Shawn Axelrod	Winnipeg, MB	829
WABJ	MI	Adrian	George Santulli	Cranford, NJ	511
WTIQ	MI	Manistique	Barry McLarnon	Ottawa, ON	508
WMPX	MI	Midland	Shawn Axelrod	Winnipeg, MB	742
WMPX	MI	Midland	Niel Wolfish	Winnipeg, MB	742
WMPX	MI	Midland	Steve Francis	Alcoa, TN	541
WODJ	MI	Whitehall	Barry McLarnon	Ottawa, ON	538
WUBR	MI	Whitehall	Les Rayburn	Helena, AL	699
KXRA	MN	Alexandria	Ron Schiller (SK)	Monmouth Beach, NJ	1141
KQDS	MN	Duluth	Barry McLarnon	Ottawa, ON	789
KQDS	MN	Duluth	Gary Siegel	Toledo, OH	550
KLGR	MN	Redwood Falls	Nancy Johnson	Billings, MT	657
WLOX	MS	Biloxi	Frank Merrill	Milan, MI	861
WCLD	MS	Cleveland	Charles Reh	Leamington, ON	724
WCLD	MS	Cleveland	John Wilkins	Ames, IA	596
WHOC	MS	Philadelphia	Steve Francis	Alcoa, TN	361
WTUP	MS	Tupelo	Don Trelford (SK)	Runaway Bay, Jamaica	1302
WTUP	MS	Tupelo	Carl Dabelstein	Lincoln, NE	629
WRTM	MS	Vicksburg	Steve Francis	Alcoa, TN	462
KDMO	MO	Carthage	Jeff Falconer	Clinton, ON	806
KDMO	MO	Carthage	Frank Merrill	Milan, MI	662
KTTR	MO	Rolla	Nancy Johnson	Billings, MT	1016
KDRO	MO	Sedalia	Shawn Axelrod	Winnipeg, MB	782
KDRO	MO	Sedalia	John Wilkins	Wheat Ridge, CO	638
KBOW	MT	Butte	John Johnson	Sheridan, WY	285
KDBM	MT	Dillon	Shawn Axelrod	Winnipeg, MB	784
KDBM	MT	Dillon	Wayne Heinen	Aurora, CO	557
KXGF	MT	Great Falls	Shawn Axelrod	Winnipeg, MB	664
KBSR	MT	Laurel	Phil Bytheway	Seattle, WA	658
KLNG	NE	Omaha	Gary Siegel	Toledo, OH	643
WKDR	NH	Berlin	Kraig Krist	Manassas, VA	515
WEMJ	NH	Laconia	Jeff Falconer	Clinton, ON	506
WEMJ	NH	Laconia	Russ Edmunds	Blue Bell, PA	306
WLGW	NH	Lancaster	Andy Rugg (SK)	Montreal, QC	120
WUVR	NH	Lebanon	Russ Edmunds	Blue Bell, PA	288

WUVR	NH	Lebanon	Barry McLarnon	Ottawa, ON	211
WUSS	NJ	Atlantic City	Steve Francis	Alcoa, TN	578
WGYM	NJ	Pleasantville	Barry McLarnon	Ottawa, ON	420
WTKU	NJ	Pleasantville	Tim Hall	Tom Nevers, MA	267
KRSN	NM	Los Alamos	Tim Hall	Chula Vista, CA	656
KRTN	NM	Raton	Tim Hall	Rancho Bernardo, CA	767
KOAW	NM	Ruidoso Downs	Tim Hall	Rancho Bernardo, CA	668
WCSS	NY	Amsterdam	Jeff Falconer	Clinton, ON	373
WCSS	NY	Amsterdam	Russ Edmunds	Blue Bell, PA	196
WBTA	NY	Batavia	Gary Siegel	Toledo, OH	289
WBTA	NY	Batavia	Jeff Falconer	Clinton, ON	174
WKNY	NY	Kingston	Neil Kazaross	Barrington, IL	725
WKNY	NY	Kingston	Jeff Falconer	Clinton, ON	400
WICY	NY	Malone	Charles Reh	Leamington, ON	446
WICY	NY	Malone	Russ Edmunds	Blue Bell, PA	329
WDLC	NY	Port Jervis	Russ Johnson	Lexington, NC	488
WDLC	NY	Port Jervis	Jeff Falconer	Clinton, ON	383
WCDO	NY	Sidney	Kraig Krist	Manassas, VA	271
WOLF	NY	Syracuse	Neil Kazaross	Grafton, WI	589
WOLF	NY	Syracuse	Charles Reh	Leamington, ON	333
WGMF	NY	Watkins Glen	Barry McLarnon	Ottawa, ON	215
WRCE	NY	Watkins Glen	Russ Edmunds	Blue Bell, PA	174
WSSB	NC	Durham	Andy Rugg (SK)	Montreal, QC	715
WSSB	NC	Durham	Marc DeLorenzo	Hyannis, MA	608
WLOE	NC	Eden	Barry McLarnon	Ottawa, ON	647
WLOE	NC	Eden	Russ Edmunds	Kinnelon, NJ	425
WFLB	NC	Fayetteville	Marc DeLorenzo	Hyannis, MA	650
WIZS	NC	Henderson	Russ Johnson	Lexington, NC	109
WRNB	NC	New Bern	Gary Siegel	Toledo, OH	572
WWNB	NC	New Bern	Barry McLarnon	Ottawa, ON	711
WRMT	NC	Rocky Mount	Andy Rugg (SK)	Montreal, QC	698
WRMT	NC	Rocky Mount	Steve Francis	Alcoa, TN	345
WSTP	NC	Salisbury	Barry McLarnon	Ottawa, ON	713
WSTP	NC	Salisbury	Gary Siegel	Yoledo, OH	445
WSVM	NC	Valdese	Frank Merrill	Milan, MI	454
WHSL	NC	Wilmington	Marc DeLorenzo	Hyannis, MA	662
WWIL	NC	Wilmington	Barry McLarnon	Ottawa, ON	779
KNDC	ND	Hettinger	Tim Hall	US 6/50 at NV/UT Border, UT	750
KOVC	ND	Valley City	Tim Hall	US 6/50 at NV/UT Border, UT	972
KOVC	ND	Valley City	Tim Hall	Winnipeg, MB	210
WBEX	OH	Chillicothe	Barry McLarnon	Ottawa, ON	556
WBEX	OH	Chillicothe	Russ Edmunds	Blue Bell, PA	414
WERE	OH	Cleveland Heights	Jeff Falconer	Clinton, ON	145
WJMO	OH	Cleveland Heights	Steve Francis	Alcoa, TN	419
WOHI	OH	East Liverpool	Steve Francis	Alcoa, TN	382
WMOA	OH	Marietta	Barry McLarnon	Ottawa, ON	503
WMOA	OH	Marietta	Russ Edmunds	Blue Bell, PA	334
WMRN	OH	Marion	Shawn Axelrod	Winnipeg, MB	925
WMRN	OH	Marion	Niel Wolfish	Winnipeg, MB	925
WMRN	OH	Marion	Russ Edmunds	Kinnelon, NJ	458
KOKC	OK	Guthrie	Rick Dau	Iowa City, IA	542
KBIX	OK	Muskogee	Niel Wolfish	Winnipeg, MB	1000
KBIX	OK	Muskogee	Steve Francis	Alcoa, TN	638
KBKR	OR	Baker	MB DXPedition &	Valhalla Beach, MB	1064
KBKR	OR	Baker	Tim Hall	US 6/50 at NV/UT Border, UT	440
KRNR	OR	Roseburg	Tim Hall	Lynn Canal, AK	1177
KRNR	OR	Roseburg	Tim Hall	Lone Pine, CA	530
KRNR	OR	Roseburg	Tim Hall	Manning Park Resort, BC	462
KBZY	OR	Salem	Shawn Axelrod	Winnipeg, MB	1250
KBZY	OR	Salem	Tim Hall	Lynn Canal, AK	1073
KBZY	OR	Salem	Tim Hall	Chester, CA	333
WESB	PA	Bradford	Barry McLarnon	Ottawa, ON	274
WESB	PA	Bradford	Gary Siegel	Toledo, OH	255

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WAZL	PA	Hazleton	Steve Francis	Alcoa, TN	558
WJNA	PA	Johnstown	Steve Francis	Alcoa, TN	418
WNTJ	PA	Johnstown	Jeff Falconer	Clinton, ON	265
WLPA	PA	Lancaster	Jeff Falconer	Clinton, ON	365
WBCB	PA	Levittown	Morris Sorensen (SK)	Kirkland Lake, ON	609
WBCB	PA	Levittown	Steve Francis	Alcoa, TN	583
WMRF	PA	Lewistown	Niel Wolfish	Toronto, ON	228
WMRF	PA	Lewistown	Russ Edmunds	Parsippany, NJ	185
WMGW	PA	Meadville	Andy Rugg (SK)	Nuns' Island, QC	424
WMGW	PA	Meadville	Russ Edmunds	Kinnelon, NJ	304
WNBT	PA	Wellsboro	Gary Siegel	Toledo, OH	323
WNBT	PA	Wellsboro	Charles Reh	Leamington, ON	271
WVGB	SC	Beaufort	Barry McLarnon	Ottawa, ON	932
WVGB	SC	Beaufort	Russ Edmunds	Blue Bell, PA	613
WGCD	SC	Chester	Frank Wheeler (SK)	Erie, PA	513
WMRB	SC	Greenville	Jeff Falconer	Clinton, ON	608
WMRB	SC	Greenville	Steve Francis	Alcoa, TN	110
WSDC	SC	Hartsville	Russ Edmunds	Little Silver, NJ	515
KFCR	SD	Custer	Tim Hall	US 6/50 at NV/UT Border, UT	629
KORN	SD	Mitchell	Charles Reh	Leamington, ON	788
KORN	SD	Mitchell	Tim Hall	US 6/50 at NV/UT Border, UT	889
WOPI	TN	Bristol	Andy Rugg (SK)	Montreal, QC	760
WOPI	TN	Bristol	George Santulli	Cranford, NJ	507
WDXB	TN	Chattanooga	Carl Dabelstein	Lincoln, NE	737
WJOC	TN	Chattanooga	Barry McLarnon	Ottawa, ON	870
WCSV	TN	Crossville	Russ Edmunds	Blue Bell, PA	606
WCSV	TN	Crossville	Charles Reh	Leamington, ON	440
WITA	TN	Knoxville	Jeff Falconer	Clinton, ON	545
WROL	TN	Knoxville	Gary Siegel	Toledo, OH	395
WCOR	TN	Lebanon	Kraig Krist	Manassas, VA	512
WJJM	TN	Lewisburg	Neil Kazaross	Barrington, IL	470
WDXL	TN	Lexington	Carl Dabelstein	Lincoln, NE	574
KNOW	TX	Austin	Frank Merrill	Milan, MI	1130
KBST	TX	Big Spring	John Johnson	Sheridan, WY	915
KQTY	TX	Borger	Shawn Axelrod	Winnipeg, MB	990
KQTY	TX	Borger	Tim Hall	US 6/50 at NV/UT Border, UT	735
KWMC	TX	Del Rio	Tim Hall	Lordsburg, NM	510
KLNT	TX	Laredo	Tim Hall	Fort Stockton, TX	312
KZZN	TX	Littlefield	Shawn Axelrod	Winnipeg, MB	1120
KZZN	TX	Littlefield	Neil Kazaross	Barrington, IL	957
KPLT	TX	Paris	Tim Hall	Houston, TX	288
KDOK	TX	Tyler	Steve Francis	Alcoa, TN	690
KVWC	TX	Vernon	Tim Hall	US 6/50 at NV/UT Border, UT	884
KWUD	TX	Woodville	Tim Hall	Houston, TX	88
KVOG	UT	Ogden	Nancy Johnson	Aberdeen, WA	707
KCPX	UT	Spanish Valley	Tim Hall	US 6/50 at NV/UT Border, UT	251
WKVT	VT	Brattleboro	Niel Wolfish	Burnt River, ON	331
WKVT	VT	Brattleboro	Russ Edmunds	Blue Bell, PA	233
WFAD	VT	Middlebury	Gary Siegel	Toledo, OH	551
WFAD	VT	Middlebury	Jeff Falconer	Clinton, ON	419
WIKE	VT	Newport	Charles Reh	Leamington, ON	580
WIKE	VT	Newport	Russ Edmunds	Blue Bell, PA	366
WCVA	VA	Culpeper	Andy Rugg (SK)	Montreal, QC	535
WCVA	VA	Culpeper	Marc DeLorenzo	Hyannis, MA	463
WPAK	VA	Farmville	Russ Edmunds	Blue Bell, PA	258
WVEC	VA	Hampton	Barry McLarnon	Ottawa, ON	577
WVEC	VA	Hampton	Marc DeLorenzo	Hyannis, MA	457
WAYB	VA	Waynesboro	Steve Francis	Alcoa, TN	323
KBRO	WA	Bremerton	Ron Schiller (SK)	Coeur d'Alene, ID	274
KBRO	WA	Bremerton	Tim Hall	Manning Park Resort, BC	167
KVAC	WA	Forks	Tim Hall	Radium Hot Springs, BC	419
KEYG	WA	Grand Coulee	MB DXPedition	Valhalla Beach, MB	1021
KEYG	WA	Grand Coulee	Tim Hall	US 6/50 at NV/UT Border, UT	657

KWOK	WA	Hoquiam	Richard E. Wood (SK)	Hilo, HI	2582
KWOK	WA	Hoquiam	Tim Hall	Chester, CA	479
KWOK	WA	Hoquiam	Tim Hall	Vancouver, BC	166
KLOG	WA	Kelso	Tim Hall	Lynn Canal, AK	1003
KLOG	WA	Kelso	Mike Hardester	Modesto, CA	594
KLOG	WA	Kelso	Tim Hall	Vancouver, BC	221
KYNR	WA	Toppenish	Tim Hall	Juneau, AK	1013
KYNR	WA	Toppenish	Tim Hall	US 6/50 at NV/UT Border, UT	598
KYNR	WA	Toppenish	Tim Hall	Denny and Hunter Islands, BC	513
KTEL	WA	Walla Walla	Tim Hall	US 6/50 at NV/UT Border, UT	529
KTEL	WA	Walla Walla	Tim Hall	Jasper, AB	473
WSWW	WV	Charleston	Barry McLarnon	Ottawa, ON	570
WSWW	WV	Charleston	Neil Kazaross	Barrington, IL	434
WTCS	WV	Fairmont	Jeff Falconer	Clinton, ON	295
WTCS	WV	Fairmont	Russ Edmunds	Blue Bell, PA	262
WAEY	WV	Princeton	Russ Edmunds	Blue Bell, PA	369
WSGB	WV	Sutton	Russ Edmunds	Blue Bell, PA	313
WGEZ	WI	Beloit	Russ Edmunds	Blue Bell, PA	732
WLCX	WI	La Crosse	Gary Siegel	Toledo, OH	415
WLFN	WI	La Crosse	Barry McLarnon	Ottawa, ON	767
WIGM	WI	Medford	Steve Francis	Alcoa, TN	728
WOSH	WI	Oshkosh	Jeff Falconer	Clinton, ON	349
WYTL	WI	Oshkosh	Neil Kazaross	Schenectady, NY	738
KIML	WY	Gillette	Gene Allen (SK)	Vallejo, CA	985
KUGR	WY	Green River	Shawn Axelrod	Winnipeg, MB	817
KUGR	WY	Green River	Tim Hall	Chula Vista, CA	739
KJNT	WY	Jackson	Tim Hall	US 6/50 at NV/UT Border, UT	349
KOJO	WY	Laramie	Phil Bytheway	Seattle, WA	935
KGOS	WY	Torrington	Shawn Axelrod	Winnipeg, MB	625
KGOS	WY	Torrington	Tim Hall	US 6/50 at NV/UT Border, UT	556
CJPR	AB	Blairmore	Shawn Axelrod	Winnipeg, MB	795
CJPR	AB	Blairmore	Tim Hall	Lake MacDonald, MT	110
CFWB	BC	Campbell River	Shawn Axelrod	Cardinal Divide, AB	388
CKGO	BC	Hope	Nancy Johnson	Aberdeen, WA	199
CKOO1	BC	Oliver	Nancy Johnson	Aberdeen, WA	250
CKOO1	BC	Oliver	Tim Hall	Banff, AB	221
CHPG	BC	Prince George	Phil Bytheway	Seattle, WA	438
CKEN	NS	Kentville	Russ Edmunds	Little Silver, NJ	601
CHVR2	ON	Arnprior	Niel Wolfish	Coe Hill, ON	82
CHYM	ON	Kitchener	John Wilkins	West Des Moines, IA	691
CHYM	ON	Kitchener	Jeff Falconer	Clinton, ON	64
CFPS	ON	Port Elgin	Shawn Axelrod	Winnipeg, MB	825
CFPS	ON	Port Elgin	Russ Edmunds	Blue Bell, PA	430
CKLR	QC	L'Annonciation	Charles Reh	Leamington, ON	490
CKBM	QC	Montmagny	Joe Kureth (SK)	Uniontown, MD	606
CJMC	QC	Ste-Anne-des-Monts	Joe Kureth (SK)	Uniontown, MD	839
CJSN	SK	Shaunavon	Tim Hall	US 6/50 at NV/UT Border, UT	780
CJSN	SK	Shaunavon	Tim Hall	Jasper, AB	472
XEAQ	MEX	Agua Prieta, SO	Tim Hall	Willcox, AZ	69
XECJC	MEX	Ciudad Juarez, CH	Phil Bytheway	Seattle, WA	1384
XESK	MEX	Ciudad Ruiz, NA	Pete Taylor	Cabo San Lucas, BCS	316
XEDR	MEX	Guaymas, SO	Tim Hall	Poway, CA	503
XEMS	MEX	Matamoros, TA	Pete Taylor	Cabo San Lucas, BCS	803
XEFF	MEX	Matehuala, SLP	Tim Hall	Junction, TX	476
XEGT	MEX	Zamora, MC	Tim Hall	10 mi W of Mazatlan, Sin	361
CMDH	CUB	Mayari	Don Trelford (SK)	Runaway Bay, Jamaica	185
WMDD	PR	Fajardo	Hank Holbrook (SK)	Chevy Chase, MD	1600
WDEP	PR	Ponce	Shawn Axelrod	Marigot, St. Martin	231
ZYH246	BRZ	Penado, AL	NF DXPedition	Cappahayden, NF	4082
ZYK769	BRZ	Penapolis, SP	NF DXPedition	Cappahayden, NF	4728

NF DXPedition = Jean Burnell, David Clark, Mark Connelly, Bruce Conti, Neil Kazaross and Jim Renfrew

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