

# DX News

*Serving DX'ers since 1933*

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**DX Tests:** Full data on the upcoming DX tests inside on page 15, but here's the summary:

Sun Mar 17	KBXD-1480 (TX)	0100-0300
Mon Mar 18	WVVG-1490 (MS)	2132-2200
Sun Mar 24	KSEY-1230 (TX)	0100-0300
Sun Mar 31	WKBI-1400 (PA)	0000 etc.

**From the Publisher:** We have one more weekly issue for the current volume year, then we'll start slowing down. But DX is not necessarily slow ... some of the most amazing catches of my DX career have come in March, so please keep supporting our columns as long as your DX keeps coming! And, as the DX slows down, if you have ideas for special articles you'd like to write, or read, in DX News, this is a good time to drop me a line and let's talk.

The joint DXers "Learning and Sharing" Convention sponsored by the NRC, IRCA, WTFDA, and the-Minnesota DX Club on August 1-4, 2013 will be here before we know it. Make your plans now! See last issue page 10 for info.

Part of making plans for me is to adjust the timing for Issue #29, which was scheduled to be put together on what is now Convention weekend. While it was (sort of) fun for me to assemble an issue during the NRC convention last year, I'd rather not do that again – and I'd like our editors to feel free to attend the convention without worrying about getting their columns together. So we've adjusted the schedule to shift #29 one week later. See the revised schedule below.

Finally, a request ... When my work schedule is hectic (as it has been for the last couple of months), I simply don't have the time to regularly read the NRC e-mail reflector. So if anyone has news for the club membership that they would like to see in DX News, please send it directly to me at <NRCDXNews@gmail.com>. Wide dissemination to the DX community through many avenues is, I think, a good thing ... but if you want to be sure of publication in DX News, please let me know directly. Thanks!

### Membership Report

**Renewing Members** – Thanks for the continued support of Walt Breville; Mike Cook; and Stephen Francis.

### Publications

Don't forget that many past DX News articles are available as reprints. We haven't published a full reprint list in dogs' years, but you can find an up-to-date list and order form online at [www.nrcdxas.org](http://www.nrcdxas.org). Same goes for the antenna books, DXpedition Handbook, and other MW DX publications.

### The DX Time Machine

**75 YEARS AGO** – From the March 8, 1938 issue of *DX News* – Club president Arthur Parfitt and secretary/shortwave editors Anne and Carl Eder submitted their resignations; the NRC will establish a nine-member board of directors to govern the club more broadly; the ruin of the AM band was forecast as several AM stations (including KSTP and WOR) have been running facsimile transmissions all night.

**50 YEARS AGO** – From the March 2, 1963 issue of *DX News* – Gary Atkins of Louisville, Ky. was one of seven new members; Ben Dangerfield noted that the DX test from CB73-730 Santiago, Chile was blocked, as the year before, by Radio Tricolor in Colombia.

**25 YEARS AGO** – From the March 7, 1988 issue of *DX News* – A listing was printed of over 1200 stations on the regional channels plus 940 and 1550 that have authorized to use low power at night; these authorizations were made by the FCC without requests from the stations; Doug Smith of Madison, WI sent his first report to DDXD.

**10 YEARS AGO** – From the March 10, 2003 issue of *DX News* – The Wall Street Journal profiled Swedish DXer Bjorn Fransson's discovery of "Radio Tikrit" (1584 kHz) on February 3, believed to be a CIA station in Iraq.

### VOL. 80 DX NEWS PUBLISHING SCHEDULE

No	In By	Date	No	In By	Date
23	Mar. 1	Mar. 11	27	May 31	June 10
24	Mar. 15	Mar. 25	28	June 28	July 8
25	Apr. 5	Apr. 15	29	Aug. 9	Aug. 19
26	Apr. 26	May 6	30	Sept. 6	Sept. 16

Don't forget  
*DXers Convention – Minneapolis – 2013*

# AM Switch

Info to David Yocis – 1245 13th St. NW #105, Washington DC 20005 – NRCDXNews@gmail.com

Starting off, as usual, with the latest official FCC changes.



## CALL LETTER CHANGES

- 980 WBZK SC York – Call change to WULR.
- 1000 WBZR AL Robertsdale – Silent station changes to WDXZ.

## ON THE AIR

- 580 WILL IL Urbana – CP to correct coordinates to 40-04-51/88-14-10 is granted and on the air.
- 970 WBGG PA Pittsburgh – CP to correct coordinates to 40-30-39/80-00-27 is granted and on the air.
- 1000 KTOK OK Oklahoma City – CP for U4 5800/5800 is on the air.
- 1190 KDYA CA Vallejo – CP for D3 3000 is on the air.
- 1320 KWHN AR Fort Smith – CP to correct coordinates to 35-25-01/94-21-54 is on the air.
- 1520 KKXA WA Snohomish – Applies for license to cover CP for U6 50000/50000 (U6 means using night pattern during critical hours).

## NEW STATION CP UPDATES

- 890 KDPP CA Olivehurst – Granted modification of CP from U4 350/250 to U4 10000/480 from two new sites, 38-30-29/121-34-46 day, 39-08-18/121-33-15 night.

## CONSTRUCTION PERMITS GRANTED

- 950 WROL MA Boston – Granted CP to correct coordinates to 42-26-09/70-59-35.
- 980 WHAW WV Lost Creek – Granted CP to move to new tower (39-01-39/80-26-34).
- 1340 KJMU OK Sand Springs – Granted CP for U1 500/1000 from new site (36-08-09/96-05-32).
- 1400 WBIZ WI Eau Claire – Granted CP for U1 970/970 from a new tower (44-48-56/91-31-07).
- 1510 KSPA CA Ontario – Granted CP for U4 10000/6000.

## APPLICATIONS FOR CONSTRUCTION PERMITS

- 970 KCFO OK Tulsa – Amends pending application to simplify day pattern (from 6 towers down to 2) from U4 3000/1000 to U4 2500/1000 (i.e., current licensed powers).
- 1400 WBIZ WI Eau Claire – Granted CP for U1 970/970 from a new tower (44-48-56/91-31-07).
- 1540 KNGI KS McPherson – Applies to correct coordinates to 38-20-19/97-40-05.

## SILENT STAS AND SILENT STATION NOTIFICATIONS

- 620 KIGS CA Hanford – Applies to extend silent STA; silent since 7/31/12 after owner's death; estate plans to seek assignment of license soon.
- 830 KMUL TX Farwell – Granted silent STA extension; silent since 5/1/12, looking for buyer.
- 890 WHJA MS Laurel – Applies to extend silent STA; silent since 5/15/12 and awaiting sale.
- 1260 WGVM MS Greenville – Silent station back on the air 2/20 after two weeks off.
- 1570 WFTU NY Riverhead – Applies for silent STA; silent since 2/20 for comprehensive technical overhaul.

David Jones reports that WQSV-790 returned to the air on 2/18, but this hasn't shown up in the FCC database yet; Wayne below has WAJD-1390 back on the air, but the FCC never had them off.

## SPECIAL TEMPORARY AUTHORITY (STA)

- 860 WAEC GA Atlanta – Granted STA with day parameters at variance.
- 910 WRNL VA Richmond – Granted STA for U1 5000/250 during tower repair.
- 1010 KLAT TX Houston – Granted STA with day parameters at variance.
- 1070 WNCT NC Greenville – Granted STA with U4 35000/10000 during transmitter repair.
- 1380 KJUA WY Cheyenne – Applies for STA to move temporarily to 41-08-09/104-48-09, has lost licensed site.
- 1420 WVOT NC Wilson – Granted STA for U1 300/125, moving temporarily to 35-43-43/77-54-49, lost licensed site.
- 1460 WDDY NY Albany – Granted STA with parameters at variance during tower repair.
- 1630 KRND WY Fox Farm – Applies for STA with U1 1700/1000, moving temporarily to 41-06-02/105-01-29, has lost licensed site.

Applications to extend STAs were received from WXQW-660 Fairhope AL (U1, reduced power at night); WDAY-970 Fargo ND (U2 5000/5000 using night pattern of CP, has applied for a license to cover CP for U4 10000/10000); KXPS-1010 Thousand Palms CA (pattern at variance during work to accommodate co-located KPSF-1200); WAYX-1230 Waycross GA (temporary longwire); WMTE-1340 Manistee MI (U1 500/500 at alternate site); and WVZN-1580 Columbia PA (temporary longwire and reduced power).

Previously reported applications to extend STAs were granted for WSGW-790 Saginaw MI; WEEL-850 Boston MA; KPAM-860 Troutdale OR; WNQM-1300 Nashville TN; WYRD-1330 Greenville SC; WYOS-1360 Binghamton NY; WOPI-1490 Bristol VA, WMNT-1500 Manati PR; and WRHC-1550 Coral Gables FL.

Canadian news via Shawn Axelrod, Dan Sys, and Andy Reid (WRTH):

- 580 CKUA AB Edmonton** – Will go silent this spring as the station doesn't have funds to update the AM transmitter.
- 1240 CFLM QC La Tuque** – Has moved to FM; AM is gone.
- 1450 CBKE AB Fort Chipewyan** – LPRT applies to move to 99.9 MHz FM.
- 1510 CKOT ON Tillsonburg** – Canada's last daytimer signed off for the last time on 2/17; cost of the station's operation didn't justify continuing it as a relay of CJDL-107.3.

And here are NRC AM Log updates from Wayne Heinen:

- 620 WTMJ WI Milwaukee – Networks: A/DG/RER (was TRN/DG). (BD)
- 700 WLW OH Cincinnati – Adds // W233BG-94.5.
- 740 WMSP AL Montgomery Adds //W244CN-96.7.
- 750 WARD MI Petoskey – Format: C&W (was TLK); Slogan Update: "Sunny Country."
- 900 CHML ON Hamilton – Networks: CP/Cor/B (was CP/Cor/WOR).
- 910 WTMZ SC Dorchester Terrace-Brentwood – Networks: YSR/MRN (was ESPN/MRN).
- 950 KMTX MT Helena – Format: NOS (was OLD); Slogan: "Classy 950" (was "Max 950"); Networks: A/DG (was A).
- 990 NEW QC Montreal – Slogan: "Radio Fierté."
- 1030 WONQ FL Oviedo – Format: SS:Tropical/ETH (was SS:Tropical).
- 1070 WFNI IN Indianapolis – Adds //W298BB-107.5.
- 1230 WGRY MI Grayling – Format: SPT (was NOS); Slogan Update: "Y 101.1"; Networks: CS (was Ap/Mi/DG); Adds //WGRY-FM-101.1.
- 1260 WYDE AL Birmingham – Slogan Update: "Superstation 101"; Networks: Ap/CM/PRN/RER (was Ap/TRN/DR/DG/PRN).
- 1320 WDER NH Derry – Adds //WDER-FM-92.1.
- 1340 UNID Glenn Hauser has someone there //97.9 FM anyone with any ideas? (GH)
- 1340 KTMM CO Grand Junction – Networks: CS (was FSR/Jr/YSR); Adds //KNAM-1490.
- 1370 WLJW MI Cadillac Adds Group: //WLJN Radio.
- 1370 WKMC PA Roaring Spring – Slogan Update: "Good Times, Great Oldies."
- 1380 KSRV OR Ontario – Slogan Update: "Oldies 1380."
- 1390 WAJD FL Gainesville – Format: UC:OLD (was silent).
- 1400 WLJN MI Elmwood Township – Adds Group: //WLJN Radio.
- 1400 KSHP NV North Las Vegas – Adds Network: IRN.
- 1420 KSTN CA Stockton – Format: C&W (was OLD); Slogan Update: "Classic Country"; Networks: DG.
- 1440 WBLA NC Elizabethtown – Format: REL (was UC:GOS).
- 1450 WTBO MD Cumberland – Format: NOS (was SPT/OLD); Networks: Fox/DG (was Fox/FSR/DG).
- 1460 KLTC ND Dickinson – Slogan Update: "Classic Country."
- 1460 WKDV VA Manassas – Adds //W240BH-95.9.
- 1490 KNAM CO Silt – Networks: CS (was FSR/Jr).
- 1550 KRKE NM Albuquerque – Format: Rock/OLD (was OLD); Slogan Update: "Kool 94.5"; //FM K233CG 94.5 (was //FM K298BK-107.5).
- 1650 KYHN AR Fort Smith – Format: TLK (per GH stunting with loop of program highlights from various syndicated programs); Slogan: "Arklahomas Power Talk Radio."
- 1650 KSVE TX El Paso – Format: SS:SPT (was SS:Romantica); Networks: ESPD.

New Group

WLJN Radio – WLJN-FM-89.9, WLJN-1400, WLJW-1370

Wayne's thanks (and ours) to Shawn Axelrod, Bill Hale, (BD) Bill Dvorak, (GH) Glenn Hauser.

# Domestic DX Digest – West

Jim Tedford Radio\_Enthusiast@hotmail.com  
20310 Bothell-Everett Highway B4  
Bothell, WA 98012-8133

U.S./Canadian Loggings from Pacific/Mtn/Central Time Zones. All times ELT.

## Reporters

- GH-OK** Glenn Hauser, Enid OK. Mostly DX-398 with internal antenna only; or Sony SRF-59 as specified; Nissan stock car radio as specified; FRG-7 as specified. (Glenn's reports, with extensive commentary, are originally published in *DX Listening Digest*)
- GH-KS** Gary Houdek, Munden, KS. GE SuperRadio
- JJR-WI** John J Rieger, South Milwaukee, WI. Icom IC-R75, Kiwa loop, MFJ-959B tuner, preamp
- JW-CO** John Wilkins, Wheat Ridge, CO. Drake R-8, 4-foot box loop.
- RV-TX** Robert, Vance, El Paso TX. WinRadio G3DDC, 12'x 9' terminated corner-fed N and E loops, 12'x 7' E-W indoor loop with TG-1 gizmo, 6'x 4' multiturn indoor loop on second floor oriented N-S.

## DX Loggings

- 720 WGN IL **Chicago** – 2/15 0052 – L talk host instead of Milt Rosenberg; I had run across her several times after 0600 and assumed she started then. Mostly she does a monolog, sometimes amusing. Yes, Milt's "Extension 720" is gone from WGN! And may have been for some time. Now it's Turi Ryder, Mon-Thu (into Tue-Fri) 2300–0200. I used to be a fan of E-720 until Milt came out as anti-Obama. I was more likely to listen on rare occasions when I was on the road during those hours, although always having to cope with alternating fades in & out with XEDE Saltillo, supposedly only 250 watts at night. Still, it was a rare show on commercial radio, with intelligent talk on a wide variety of topics, and there was a huge audio archive built up over the years, but now searching "Extension 720" on the WGN website gets nothing! The archive should be preserved somewhere. **(GH-OK)**
- 740 CFZM ON **Toronto** – 2/10 0134 – Satchmo atop KRMG, and from further north; mention Fort Erie, "Toronto's AM 740"; makes 44/minute SAH with KRMG = 0.7333---Hz. Maybe assisted by "740, KRMG, Tulsa – Applies for STA; station has discovered its night pattern is out of tolerance and will reduce night power until problem is identified and solved" as in AM Switch, *NRC DX News* Jan 7. **(GH-OK)**
- 750 WNDZ IN **Portage** – 2/16 0823 – Spanish ad for car parts business in area code 773, then song "Amor Sincero". 773 means Chicago, i.e. WNDZ, the multi-ethnic station we usually hear in Ukrainian in the mornings. Fits, as WSCR and WGN were still in well, a few minutes after sunrise here. **(GH-OK)**
- 790 KGHL MT **Billings** – 2/19 0900 – Man with legal ID, followed by CBS News. Fair in noise. **(JW-CO)**
- 800 CKLW ON **Windsor** – 2/10 0132 – Ad for event at St. Anne's School, 519-254-1108. 519 is the AC for Windsor. DF fits, certainly not OKC, as this happened to be in a temporary fade from XEROK, usual dominator and close to opposite direction, which soon resurged. **(GH-OK)**
- 900 KFLP TX **Floydada** – 2/16 2238 – In and out with Chicago Board of Trade results and other ag news, ads for ACE Hardware in Floydada and a body shop in Plainview then into ID announcement by man: "You found the only place to get live coverage of every major agricultural event in the country. This is the farm station, all ag, all day, 900, KFLP." **(RV-TX)**
- 910 KNAF TX **Fredericksburg** – 2/16 2333 – Caught ID announcement by man coming out of the mix "... to the Texas hill country ... you're listening to KNAF, AM 910." Then into CWM and back into mix. **(RV-TX)**
- 930 KSEI ID **Pocatello** – 2/17 0300 – In with How Long by Ace from the mid-70's, into ID announcement "KSEI, 930 ... Pocatello-Idaho Falls. This weekend, we're giving you back-to-back four-plays ... it's a two-by-four weekend." Then an unintelligible jingle and into song by Little Rascals. Fair with fading in the mix but dominant at times. **(RV-TX)**



- 950 CFAM MB Altoona – 2/13 0400 – Poor under WNTD with long 40-minute set of classical music. No calls heard, but this is most likely. (JJR-WI)
- 960 CFAC AB Calgary – 2/15 0102 – During the local KGWA Fox-hole of dead air, instead of nulling the still very strong 1 kW carrier a couple miles away, I risk shooting thru it and turning up the volume even higher, and am rewarded by a mention of “Calgary, Alberta, Canada,” so 50 kW CFAC is penetrating at least this far, halfway into the USA again, despite its supposed directional pattern protecting us from it. (GH-OK)
- 970 WZAM MI Ishpeming – 2/21 0714 – Poor with ESPN970 announcements, promo for Cowherd, local sports with Casey Ford, over anything. (JJR-WI)
- 1020 KOKP OK Perry – 2/15 0055 – I happen to be tuning across semi-local KOKP Perry, when the stupid sports talk is rudely interrupted by a “Triple Play” ID for KOKP, KOKB 1580 Blackwell and KOSB (105.1 Stillwater, really the originating station, though sometimes they split when there are too many silly ballgames at once). Timer for the ID seems to be off 5 minutes from ToH, so now you know when to catch it. (GH-OK)
- 1210 KGYN OK Guymon – 2/19 0132 – Surprise, no big signal from “US Country” KGYN Guymon, though it may be in the mix with WPHT, so must be running night pattern for a change if on the air at all. (GH-OK)
- 1220 KOMC MO Branson – 2/19 0133 – Gospel harmony from E/W, so WHKW Cleveland OH? No! 0645 ad for Family Pharmacy in southwest Missouri, a carpet service/store at 334-6049, 0648 local weather from “1220 KOMC radar,” so it’s Branson MO, not bad if legal night power of 44 watts instead of 1 kW daytime, both ND. Meanwhile, I was getting another station on 1220 at a right angle. (GH-OK)
- 1220 KMVL TX Madisonville – 2/19 0137 – In null of KOMC Branson MO, a station with soul music, “You don’t have to be a star to be on my show,” 0640 “America’s Best Music,” singing ID for (sounded like) KLVL, then doo-wop rhyming “Don’t you cry,” “lullaby,” “hush-a-bye.” Also with usual LAH (low audible heterodyne) from off-frequency station. Must be KMVL, the Nostalgia outlet in Madisonville TX which has previously been identified as the cause of the het. Hmm, this is interesting, per NRC AM Log 2012-2013: besides its alleged night power of only 11 watts, instead of day power 500 watts, also: “Synch KM2XVL Huntsville U1 170/11 watts”! So they have an experimental co-channel booster, but unlike KKOB & KKOB this one has its own clearly related call sign! Which one am I hearing, or both? And is only one of them off-frequency, or do they synchronize them so they don’t het each other in the local areas, even if both are off? Questions, questions. (GH-OK)
- 1330 WZCT AL Scottsboro – 2/17 1843 – Fair “Best in Southern Gospel, WZCT” after 2 songs, then power drop. Rare! (JJR-WI)
- 1370 KWRT MO Boonville – 2/21 0707 – Poor-Fair over WSPD most of time. Snow 8-12” and closings, advisories, Nash’s towing at 660-537-33XX. (JJR-WI)
- 1420 KTOE MN Mankato – 2/8 2310 – End of hockey game. Station ID “1420 KTOE.” (GH-KS)
- 1420 KGNB TX New Braunfels – 2/17 0630 – In and out of the mix with CWM, caught ID by man: “Local news, real country, 1420, KGNB” then into ad and more CWM. Poor in mix under phased dead carrier that local XEF seemingly leaves on perpetually. (RV-TX)
- 1490 WZOE IL Princeton – 2/17 1830 – Poor with weather (low:24), LID, wzoe.com in mess. Still, nice to hear. (JJR-WI)
- 1520 KKXA WA Snohomish – 2/19 0842 – Older C&W music, frequent “Classic Country 1520 KXA” slogans; couple of local spots at 0846; faded before ToH so missed legal ID, if there was one. Signal was of fair strength but still difficult copy with blowtorch KOKC only partially nulled. (JW-CO)
- 1550 KXEX CA Fresno – 2/22 0830 – Religious program in Spanish, mixing with KMRI, also Spanish; legal ID at 0900:10 as “KXEX Fresno, La Misionera” and into another religious program. Fair strength and generally atop; suspect on day power and pattern a bit early. (JW-CO)
- 1650 KYHN AR Fort Smith – 2/13 1511 – Detect a JBA carrier in the sideband splash of 10 kW local KOAG 1640. In full day groundwave, unlikely to be from any other 1650 station. Recheck 2/14 1150 – Again has the same old promo for *Focus on the Family*. At 0158, now it’s open carrier/dead air from E/W making fast SAH with Iowa. Did the humans, if any, at KYHN finally get fed up with all the repetition? A sure way to drive away potential listeners too. (GH-OK)



1660 KQWB ND West Fargo – 2/7 0752 – Subaru ad; call letter ID, "True Oldies 1660" slogan, and into Elton John song. Good signal. Apparently a format change from Sports. (JW-CO)

#### Tentative

1430 CHKT ON Toronto – 2/13 0140 – Some strange language catches my ear vs. heavy pileup QRM; intonation sounds somewhat Esperanto which suggests a CRI relay though supposedly only in English or Chinese, but followed by South Asian-sounding song at 0644. Plenty of ethnic or Asian stations on 1430 in the NRC *AM Log* 2012-2013, in California, Georgia, Illinois, Louisiana, New Jersey, none very likely due to distance, night power (or daytime only in Morgan City LA, primarily Cajun) 50 kW day & night CHKT Toronto is listed as Chinese/ETH. NRC Antenna Pattern Book 2005 showed all its signals day and night go NNW, but Canadians typically ignore such rules. Do others who are not NNW from Toronto hear CHKT? CHKT program grid at web site shows Punjabi at 12-5 am ET daily, (Sanjha Punjab Radio), Lots of Asian languages, not just Mandarin and Cantonese. (GH-OK) *Common here in DC, for what it's worth DY.*



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

*Domestic DX* Mike Brooker patri1818@yahoo.com  
*Digest – East* 99 Wychrest Avenue  
 Toronto, ON M6G 3X8 CANADA  
**U.S./Canadian Loggings from Eastern/Atlantic Time Zones. All ELT.**

#### REPORTERS

BC-NH Bruce Conti, Nashua – Excalibur SDR, MWDX-5, variable termination SuperLoop antennas northeast and south  
 HF-MI Harold Frodge, Midland – R8B, 85 ft. RW & 180 ft. center-fed RW, Icom R3  
 TF-NH Tony Fitzherbert, Campton – Grundig S-350, Grundig AM loop  
 HJH-PA Harry Hayes, Wilkes-Barre – Grundig S-350, Kiwa Pocket Loop  
 BH-MA Bob Hill, Littleton – Sony ICF-2010, Kiwa filters, AOR LA390 active loop.  
 JJR-MI John J. Rieger, L'Anse – Grundig Satellite 750.  
 FV-OH Fred Vobbe, Lima – Perseus SDR/TTFD 90' antenna.  
 MKB-ON Mike Brooker, Toronto – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

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#### STATION NEWS

1510 CKOT ON Tillsonburg – Canada's last remaining daytime-only AM station signed off for good on 2/17. C&W format moves to FM //CJDL-107.3. Tillsonburg Broadcasting President and General Manager John Lamers said, "Because of the cost of operating the station (hydro, maintenance, necessary upgrades, taxes, etc) and since it was being operated only as a repeater, generating no income, the decision was made to shut it down." (MKB-ON)

#### UNID

660 UNID -- - 2/17 0515 – Oldies under WFAN. I was hoping to hear Navajo chanting from KTNN. Oldies there again about same time next night. Nothing listed with a regular oldies format, so maybe a format change, or just a weekend thing. No oldies evident about same time Monday night, but WFAN totally dominant with some SS QRM. Oldies popped up briefly at 2355 on 2/20, so not just a weekend thing. (HF-MI) *The Cuban here sometimes runs English oldies – DY.*

#### TIS/HAR

1640 UNID PA multiple locations – 2/20 0001 – Over WKSH; NOAA weather, 11 p.m. conditions for the Clearfield area, then Altoona, placing this HAR in central

Pennsylvania where there are several listed including WQNW644, WQMJ929, WQQG691, WPRR689, WPYS541, and WPUV623. **(BC-NH)**

#### LOGGINGS

- 580 **CFRA ON Ottawa** – 2/14 1945 – CFRA Weather, talking by very low key host, under loud WTAG with not low key Sean Hannity. **(TF-NH)**
- 640 **WHLO OH Akron** – 2/18 1755 – Financial services ad promising “best rates for the Canton-New Philadelphia area”; “WHLO” ID into Fox News promo. Not exactly alone on channel. **(BH-MA)**
- 660 **WBHR MN Sauk Rapids** – 2/20 2357 – Local ads, ESPN.com spot; “... Sauk Rapids-St. Cloud, The Bear” slogan. Mixing equally with WFAN to ToH when WFAN took over. **(HF-MI)**
- 690 **WELD WV Fisher** – 2/20 2146 – In mix with CKGM; “W-E-L-D” jingle amid segued oldies. Apparently had “forgotten” to power down to nighttime 14 watts. **(BH-MA)**
- 770 **WVNN AL Athens** – 2/22 0700 – Lead up to news. I could have sworn it was WABC but was surprised with a clear “WVNN Athens, WVNN-FM Trinity,” with no sign of WABC, moderate IBOC hash from WBBM. **(FV-OH)**
- 780 **WCKB NC Dunn** – 2/18 1800\* – Under WWOL with sign-off announcement: “WCKB is owned and operated by ...” with location 1 mile south of Dunn on Highway 421. **(BC-NH)**
- 810 **WHB MO Kansas City** – 2/18 1812 – Sports program, BoH ID as “Sports Radio 8-10 WHB.” In/out with WGY; Mexican music station came up suddenly at 1815 adding to the mix. **(HF-MI)**
- 840 **WRYM CT New Britain** – 2/13 1620 – Usual Spanish with signal at almost local strength, no sign of WHAS. **(TF-NH)**
- WCEO SC Columbia** – 2/18 1800 – Over/under WHAS; Spanglish ID, “WCEO 840 ... la salud de South Carolina, La Raza,” and Mexican music. **(BC-NH)**
- 880 **WRFD OH Columbus-Worthington** – 2/18 1800\* – Partial sign-off announcement heard under WCBS; “... online at wrfd.com.” **(BC-NH)**
- 920 **WURA VA Quantico** – 2/18 2200 – Out of Latin ballad with canned ID: “[EE] WURA Quantico-Washington. [SS] 920 AM transmitiendo desde Quantico-Washington, 7000 vatios de potencia en antena, 920 AM Radio Unida, una señora emisora al servicio de la comunidad.” Time check for “diez horas en punto.” Plenty of competition from WHJJ and CKNX. **(BH-MA)**
- 1030 **WWGB MD Indian Head** – 2/17 0714 – Presumed over nulled WBZ with assortment of soft-rock SS gospel songs, “Poder mil treinta” slogan. **(MKB-ON)**
- 1060 **WILB OH Canton** – 2/22 0700 – Caught through the noise was a weak, “Living Bread Radio, AM 1060 WILB Canton. Catholic radio, the truth for northeast Ohio.” Had a weak C&W station in the background but just couldn’t pull it out of the noise. **(FV-OH)**
- 1080 **WYHY KY Cannonsburg** – 2/20 2147 – Intermittently audible under powerhouse WTIC with gospel tunes. At 2200 “You’re listening to WYHY ... Huntington ...,” more talk and another “WYHY” ID, then back to songs. Just too much ‘TIC for decent copy. The word before “Huntington” sounded like “Dorsey,” but that doesn’t resemble the name of any community in the area. AM Log says operation ceases at LSS, but not so much this evening, at least. **(BH-MA)**
- 1110 **WGNZ OH Fairborn** – 2/22 0700 – Very clear ID, “11-10 WGNZ. WGNZ Fairborn-Dayton on air 5,000 watts, online wgnz.com on your Android or Smartphone,” into SRN News. As soon as SRN news came on, an unidentified Fox News station must have switched power/pattern as it popped up. **(FV-OH)**
- 1140 **CBI NS Sydney** – 2/10 1950 – CBC World News, usual CBC fare, weak signal with WRVA nulled. **(TF -NH)**
- 1160 **WPIE NY Trumansburg** – 2/22 0750 – Fair until lost to KSL with Mike & Mike ESPN morning show. Faded up in time for ToH legal ID into Sports Center. Only second time heard. **(JJR-MI)**
- KSL UT Salt Lake City** – 2/22 0750 – Local weather, “high of 30” and forecast 5 days out. “KSL news time 5:50. Traffic and weather on the 9’s on KSL news radio.” Always nice to hear. **(JJR-MI)**
- 1170 **WFDL WI Waupun** – 2/18 0800 – Over nulled WWVA with “you’re listening to WFDL ... Waupun, Fox Lake, Beaver Dam” ToH ID into CBS news. **(MKB-ON)**



- 1200 WRTO IL **Chicago** – 2/18 0810 – Presumed in WCHB/CFG0 mix with SS talk show, several mentions of “Univision” and occasional EE sound bites, local ads mentioning “siete-cero-och0” (708) area code for Chicago area. **(MKB-ON)**
- 1320 WFHR WI **Wisconsin Rapids** – 2/22 0700 – Weather report at 0659:50 by female announcer into station ID, “CBS News at the top of the hour on 13-20, WFHR, Wisconsin Rapids,” with 2 seconds pause, then CBS News. **(FV-OH)**
- 1330 WVHI IN **Evansville** – 2/22 0830 – Poor with “AM 1330 WVHI Evansville” ID into religious programming. No sign of WHBL or KWWL. **(JJR-MI)**
- 1340 WIRY NY **Plattsburgh** – 2/21 1800 – Emerged from the jumble for a moment with weather forecast, then “WIRY Plattsburgh; it’s 6 o’clock” ToH ID into network news, possibly from NBC. **(BH-MA)**
- WWPA PA **Williamsport** – 2/22 0100 – Heard through the jumble; “1340 WWPA and 101.3 FM W267BJ Williamsport.” **(BC-NH)**
- 1360 WOEN NY **Olean** – 2/16 2000 – Made it through a messy mix with “News, sports, weather, we have it all ... WOEN ...” station promo then got swallowed up. **(BH-MA)**
- 1370 WXXI NY **Rochester** – 2/20 0400 – Fair; “You’re listening to WXXI AM Rochester and WXXI-FM HD2 Rochester ... online at wxxi.org.” **(BC-NH)**
- WSHV VA **South Hill** – 2/19 0400 – Under WTAB; “The new 96.7 WSHV” and R&B music. **(BC-NH)**
- 1390 WEGP ME **Presque Isle** – 2/21 2248 – Station promo: “WEGP has New England’s own Howie Carr, originating from WRKO in Boston, from 3 PM to 6, right here on the Talk of the County, WEGP.” The distance between Boston and Presque Isle is roughly the same as the distance between Boston and Baltimore. **(BH-MA)**
- 1400 WILI CT **Willimantic** – 2/15 1702 – Local news by young male announcer, mention of local community college of some kind, willimantic.com website promo, signal then faded into mess. **(TF-NH)**
- WVAE ME **Biddeford** – 2/15 1704 – “... 1400-1490 Weather,” lost under oldies music, back up for 4 minutes with the Dave Ramsey program before fading into the mush. **(TF-NH)**
- 1410 WDOV DE **Dover** – 2/20 0359 – Fair; First Warning Forecast, “You’re listening to News/Talk 1410 WDOV Dover, wdov.com,” and Fox news. **(BC-NH)**
- 1420 WIMS IN **Michigan City** 2/22 0734 – Poor with station promo “at the Walmart in Michigan City ... WIMSradio.com ... CBS at the top of the hour on WIMS.” Usually here it’s KTOE, but not today! **(JJR-MI)**
- WACK NY **Newark** – 2/14 2005 – Newark High School BKB, plenty of 1420-WACK IDs and references to the Finger Lakes. NHS Blue Devils were blowing the opposition away and the 500 watt night signal (very directional north) was way atop the frequency. **(TF-NH)**
- 1450 WILM DE **Wilmington** – 2/21 0500 – Barely above the pile; “News/Talk 1450 ... wilm.com, and WDSB HD2 Dover-Wilmington.” **(BC-NH)**
- WPGG NJ **Atlantic City** – 2/21 0100 – Caught ID; “WPGG Atlantic City and wpg1450.com,” ex-WENJ. **(BC-NH)**
- WPSE PA **Erie** – 2/17 0807 – Out of graveyard jumble with Safelite ad (usual lame “Safelite repair, Safelite replace” jingle), ID as “you’re listening to WPSE business talk radio.” **(MKB-ON)**
- KFIZ WI **Fond du Lac** – 2/22 0732 – Poor with mention of “from the KFIZ newsroom” in mess. **(JJR-MI)**
- 1460 WHIC NY **Rochester** – 2/20 0400 – Over WKDV; “You’re listening to the station of the cross ... WHIC broadcasts on 1460 AM and 92.9 FM W225AR,” into EWTN. **(BC-NH)**
- WBUC WV **Buckhannon** – 2/12 1940 – Mostly dominating frequency with 50’s and 60’s oldies mixed with standards, PSA for FeedingAmerica.org. TOH ID as “WBUC, a West Virginia Corporation radio station” into Fox news. **(HJH-PA)**
- CJOY ON **Guelph** – 2/14 2155 – Oldies, “Greatest hits ... CJOY” slogan and listing of area outdoor activities “on the snow,” soon gone. **(TF-NH)**
- 1470 WSAN PA **Allentown** – 2/18 1700 – Under WAZN; sponsored ID from the Lehigh Street Auto Mile, “This is WSAN Allentown ...” and J.D. Byrider jingle into Fox sports. **(BC-NH)**
- 1480 WDJ0 OH **Cincinnati** – 2/22 0700 – Imus in the Morning show into ID “WDJ0 Cincinnati, Imus in the morning news time 7 o’clock. (quack-quack),” and into CKLW type news sounder. **(FV-OH)**



- 1500 WLQV MI **Detroit** – 2/13 2202 – Mixed with BKB play by play on both KSTP and WFED, end of SRN News, praise music and a preacher offering his prayer to the radio audience. Amazed to hear this station’s unusually directional signal north from the station’s twelve tower antenna system just south of Detroit. (TF-NH)
- KSTP MN **St. Paul** – 2/13 2155 – Timberwolves v. Utah Jazz NBA basketball, mixed with WFED. Very weak signal, night pattern goes west. (TF-NH)
- 1520 WNWT OH **Rossford** – 2-22 0811 – Poor, presumed with slogan “Positive, encouraging K-Love.” This was the only fit on 1520. Only third time heard. Rare! (JJR-MI)
- WCHE PA **West Chester** – 2/14 1727 – Out of oldies with promo for Saturday morning show “right here on WCHE”; ad for “Jeannie’s Computer Outlet in Malvern, just off Rte. 401 on Valley Hill Road.” Several more WCHE IDs, then schedule of events at the Chester County Historical Society and into Clyde McPhatter’s “Treasure of Love.” In a mix with presumed WTHE preacher throughout. (BH-MA)
- 1540 KXEL IA **Waterloo** – 2/13 2005 – Good signal under CHIN with ads for Mid America Energy, Honey Creek Resorts and Cedar Creek Orthodontic Center into Iowa v. Missouri college BKB play by play. (TF-NH)
- 1550 WNTN MA **Newton** – 2/13 1622 – Good signal with usual ethnic program blocks, the Irish music format (see logging in DDXD-E 80-21) must be used as a filler. (TF-NH)
- 1570 WFLR NY **Dundee** – 2/14 2035 – Penn Yan High School BKB play by play, mixed with CJLV, 442 watts working hard! (TF-NH)
- +++ - 2/13 1805 – Ad for car dealer asking listeners to “visit our newest location on Route 54 in Bath, New York”; intro to “WFLR News” and lead item about the FBI. Struggled in a busy channel even with dominant CJLV in partial null. (BH-MA)
- 1590 WAKR OH **Akron** – 2/13 1758 – Briefly emerged from a GY-style swamp with “Get traffic three times an hour and when you need it on Akron’s [?news report?], 1590 WAKR.” (BH-MA)
- 1600 WHNP MA **East Longmeadow** – 2/13 1640 – In WUNR mix with ethnic programming, America’s Radio News, Sean Hannity, Tom Hartmann, finally ID for “ ... 1240 and 1400 AM, and 96.9 FM,” into CBS news. (TF-NH)
- WAAM MI **Ann Arbor** – 2/13 1950 – Ads for Master Tech Services (with Ann Arbor area code 734), the Jerry (?) Show, “go to TRN.com,” Michigan State Lottery, and ID for “Real Talk Radio.” Signal way atop the mush, almost regular here! (TF-NH)
- WWRL NY **New York** – 2/13 2012 – Noted in passing a promo by the Reverend Al Sharpton for his radio show on “Flagship Station WWRL,” lost under WAAM. (TF-NH)
- WMCR NY **Oneida** – 2/13 1704 – ABC News, local news for Central New York, weather for Oneida, back into mess under WUNR. (TF-NH)
- 1650 CJRS QC **Montreal** – 2/18 1900 – Over WHKT and CINA; Radio Shalom jingle, “Jewish music from other countries, in French, English, Hebrew, Spanish, Yiddish, and many more languages, only on Radio Shalom 1650 AM in Montreal.” (BC-NH)

## NRC AM Radio Log, 33rd Edition

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# *International DX Digest*

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

## Trans-Atlantic DX

- 531 **ALGERIA** *Jil FM*, F'kirina Wilaya d'Oum El Bouaghi JAN 18 0354 – Parallel 549 with “Jil FM” ID’s by woman then man, dance music; good. [Connelly-MA]
- 549 **ALGERIA** *Jil FM*, Les Trembles JAN 15 2200 – African music, pips, electronic instrument “Happy Birthday”; good. [Connelly-MA] FEB 18 0219 – Techno-pop vocal with French lyrics; segued into another at 0222. At 0224 animated announcement by woman in French and into lengthy ballad with acoustic guitar accompaniment past 0230. Parallel 531 in there but feeble and barely audible. [Hill-MA]
- 585 **SPAIN** *RNE1* Madrid JAN 15 2200 – Pips, *R.Nacional de España* ID; in bad WEZE slop. [Connelly-MA]
- 594 **SAUDI ARABIA** *BSKSA* Duba FEB 14 0300 – Saudi news-intro music, Arabic talk. [Connelly-MA]
- 603 **FRANCE** *France Info*, Tramoyes FEB 9 0000 – Slow song, *France Info* theme music; to fair peak, dominant. [Connelly-MA]
- 603 **SPAIN** *RNE5* synchros JAN 15 2200 – Pips (5+1), *R.Nacional de España* ID; to good peak, dominant. [Connelly-MA]
- 621 **CANARY ISLANDS//SPAIN** *RNE1* synchros JAN 15 2202 – Woman with news in Spanish; in WZON, CKCM, and WVMT slop. [Connelly-MA]
- 639 **SPAIN** *RNE1* La Coruña et al. FEB 14 0259 – Guitar, Spanish folk vocal parallel 774; fair. [Connelly-MA]
- 665.765 **IRAN** *IRIB R.Iran*, Shushtar FEB 14 0259 – Something on the low side of the channel, audio not extractable. Per Mauno Ritola, “I can confirm this as Iran. It jumps between nominal and this lower frequency, maybe two transmitters in use.” [Connelly-MA]
- 666 **PORTUGAL** *RDP Antena 1* synchros FEB 14 0400 – News in Portuguese; poor. [Connelly-MA]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. FEB 9 0000 – Five Live ID. [Connelly-MA]
- 738 **SPAIN** *RNE1* Barcelona FEB 14 0400 – Pips, fanfare, *R.Nacional de España* ID; in CHCM and CFZM slop. [Connelly-MA]
- 747 **NETHERLANDS** *Radio 5*, Zeewolde FEB 9 0001 – Man in Dutch; fair. [Connelly-MA]
- 756 **GERMANY** *Deutschlandfunk*, Braunschweig & Ravensburg FEB 14 0300 – Electronic sounder, *Deutschlandfunk* ID; fair. [Connelly-MA]
- 774 **SPAIN** *RNE1* synchros FEB 14 0259 – Parallel 639 with folk vocal; fair. [Connelly-MA]
- 783 **SPAIN** *Rock y Gol R.Miramar*, Ctra. Conseria (Barcelona) JAN 18 0400 – Two men in Spanish; over station with Koranic chanting. [Connelly-MA]
- 819 **SPAIN** *R.Euskadi*, San Sebastián JAN 15 2159 – Man in Spanish; poor. [Connelly-MA]
- 855 **SPAIN** *RNE1* Murcia et al. JAN 15 2158 – Two men in Spanish; fair over slop. [Connelly-MA]
- 873 **SPAIN** *SER* synchros JAN 18 0359 – Man in Spanish; in slop. [Connelly-MA]
- 882 **CANARY ISLANDS//SPAIN** *COPE* synchros JAN 18 0400 – Woman in Spanish, pips. [Connelly-MA]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford et al. FEB 14 0400 – *BBC R.Wales* ID; in slop. [Connelly-MA]
- 890.96 **ALGERIA** *Chaîne 1*, Algiers FEB 14 0300 – Het against WAMG, not much audio. [Connelly-MA]
- 918 **SPAIN** *R.Inter*, Ctra Humera JAN 18 0354 – Man in Spanish; fair. [Connelly-MA]
- 936 **SPAIN** *RNE5* synchros JAN 18 0400 – Pips, *RNE* fanfare music, Spanish talk; poor. [Connelly-MA]
- 945 **FRANCE** *France Info*, Toulouse JAN 18 0354 – Man in French; fair. [Connelly-MA]
- 954 **SPAIN** *Onda Cero*, Madrid JAN 18 0354 – Two men in Spanish talking and laughing, then pop female vocal; good. [Connelly-MA]
- 999 **MOLDOVA** *VOA Maiac*, Grigoriopol JAN 11 2200 – Golos Rossii ID, woman in Russian; fair. [Connelly-MA]
- 999 **SPAIN** *COPE* Madrid JAN 18 0354 – Spanish teletalk; fair. [Connelly-MA]

- 1026 **SPAIN** *SER* synchros JAN 18 0354 – Spanish talk by man; fair through WBZ slop. [Connelly-MA]
- 1089 **UNITED KINGDOM** *TalkSport* synchros FEB 14 0300 – Vodafone advert, *TalkSport* ID, time 3 o'clock; to good peak. [Connelly-MA]
- 1143 **SPAIN** *COPE* synchros JAN 18 0354 – Teletalk parallel 999 kHz. [Connelly-MA]
- 1152 **SPAIN** *RNE5* synchros JAN 18 0354 – Mood music, echoey Spanish talk by man; to good peak. [Connelly-MA]
- 1179 **CANARY ISLANDS//SPAIN** *SER* synchros JAN 18 0354 – Two men in Spanish talking about several countries including Italy and Germany (Alemania); good. [Connelly-MA]
- 1188 **IRAN** *IRIB R.Payam*, Tehran FEB 14 0300 – Three ascending notes at top-of-hour cutting through the mush, otherwise poor. [Connelly-MA]
- 1206 **FRANCE** *France Info*, Bordeaux JAN 18 0354 – Man in French; very good. [Connelly-MA]
- 1215 **SPAIN** *COPE* synchros JAN 18 0354 – Spanish talk; over growl. [Connelly-MA]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros FEB 14 0259 – Toto "Hold the Line"; good. [Connelly-MA]
- 1224 **SPAIN** *COPE* synchros JAN 18 0354 – Spanish teletalk; good. [Connelly-MA]
- 1287 **SPAIN** *COPE* synchros JAN 18 0354 – Man in Spanish; poor. [Connelly-MA]
- 1296 **SPAIN** *COPE* Valencia JAN 18 0354 – Spanish teletalk; good. [Connelly-MA]
- 1305 **SPAIN** *RNE5* synchros JAN 18 0354 – Music, talk parallel 1152; fair to good. [Connelly-MA]
- 1314 **SPAIN** *RNE5* synchros JAN 18 0400 – Parallel 1413 with pips, *R.Nacional de España* ID; fair. [Connelly-MA]
- 1341 **SPAIN** unID JAN 18 0359 – Man and woman in Spanish; briefly atop. [Connelly-MA]
- 1404 **CORSICA** *France Bleu*, Ajaccio JAN 18 0359 – Elvis-influenced '50s French rock male vocal (not parallel 1206); good. [Connelly-MA]
- 1413 **SPAIN** *RNE5* synchros JAN 18 0400 – Parallel 1314 with pips, *R.Nacional de España* ID; good, over other. [Connelly-MA]
- 1422 **ALGERIA** *R.Algérienne*, Algiers JAN 18 0355 – French talk by man, then "tubby" anthem march that sounded like it was played by a high school band; good. [Connelly-MA]
- 1422 **GERMANY** *Deutschlandfunk*, Heusweiler FEB 14 0300 – Parallel 756 with *Deutschlandfunk* ID; over Algeria. [Connelly-MA]
- 1449 **LIBYA** *Voice of Great Homeland*, Misurata FEB 14 0259 – Reverberated Koranic chant; good. [Connelly-MA]
- 1457.64 **ALBANIA** *CRI* Fllakë FEB 21 2240 – Het vs. 1458, measured 1457.636 kHz, off at 2330 UTC. [Conti-NH]
- 1467 **FRANCE** *TWR* Roumoules FEB 8 2203 – Male preacher in English; to fair peak. [Connelly-MA]
- 1476 **SPAIN** *Euskadi Irratia*, Biribilondo JAN 18 0400 – Pips, Euskadi mention. [Connelly-MA]
- 1485 **SPAIN** *SER* synchros JAN 18 0354 – Fast Spanish talk, some echo. [Connelly-MA]
- 1494 **FRANCE** *France Info* synchros JAN 18 0354 – Man in French parallel 1206; fair. [Connelly-MA]
- 1511.95 **GREECE** *ERA* Chania JAN 18 0354 – '50s-type blues briefly audible, about 50 Hz to low side of channel. Mauno Ritola measured Greece at 1511.93 kHz. [Connelly-MA]
- 1521 **SPAIN** *SER* *R.Castellón*, Castellón JAN 18 0354 – Parallel 1179 with Spanish talk mentioning Germany and Italy; to good peak. [Connelly-MA]
- 1530 **SAO TOME E PRINCIPE** *VOA* Pinheira FEB 14 0259 – Yankee Doodle theme music, ID by man "This is the Voice of America, Washington, DC, signing on"; evenly mixing with WCKY. [Connelly-MA]
- 1539 **SPAIN** *SER* synchros JAN 18 0354 – Parallel 1179 with Spanish talk mentioning Germany and Italy; to good peak. [Connelly-MA]
- 1548 **KUWAIT** *R.Sawa*, Kabd-Kuwait City JAN 27 2159 – Sawa ID, female Mideast dance vocal; good. [Connelly-MA] FEB 16 0315 – News in rapid Arabic, including brief telephone interview and second in-studio voice; fair at first but faded below readability by 0321. Slightly off-frequency het was likely Moldova. Many TA signals above 1400 kHz this evening, but all except Sawa were too faint to extract any audio. [Hill-MA]
- 1557 **FRANCE** *France Info*, Fontbonne JAN 18 0354 – Two men in French; huge signal, stronger than 1560 WQEW! [Connelly-MA]
- 1593 **KUWAIT** *R.Free Iraq*, Kuwait City JAN 27 2201 – Man and woman in Arabic; fair. [Connelly-MA]
- 1602 **SPAIN** *R.Vitoria*, Vitoria JAN 18 0354 – Spanish female vocal; under *SER* synchros. [Connelly-MA]

1602 **SPAIN** *SER* synchros JAN 18 0354 – Talk parallel 1521, 1539, et al.; over *R.Vitoria*. [Connelly-MA]

### Pan-American DX

- 540 **MEXICO** XETX *La Ranchera de Paquimé*, Nuevo Casas Grandes, Chih. FEB 18 0633 – Took less than a minute after tune-in to Mexican music to hear not one, not two, but by 0635, three IDs. The middle one was a full ID with studio address, etc., and all also mentioning their FM. 5 kW dominating the channel, again raising questions about whatever became of 150 kW XEWA? [Hauser-OK]
- 570 **MEXICO** XEVX Comalcalco, Tab. FEB 19 0700 – “570 AM, La Grande de Tabasco,” i.e. XEVX, 10/1 kW, 24 hours per IRCA Log. Nice to hear something this deep into Mexico. By 0703, KLIF has resurged. [Hauser-OK]
- 590 **CUBA** *R.Rebelde*, Guantánamo FEB 21 0100 – Under WEZE; Rebelde sounder parallel 600 kHz. [Conti-NH]
- 650 **MEXICO** XETNT Los Mochis, FEB 19 0656 – Polka making fast SAH with WSM which is just about nullable, 0657 segué to choral Mexican national anthem. It’s probably my regular XETNT, but haven’t relogged it for some time, so I keep checking. Long version national anthem still going past 0701; finally 0702 full ID for XETNT Radio 65, 106.5, Los Mochis, Grupo Chávez, and the mysterious nickname “Radio K” – or is it? Now it sounds more like “Radio Caos.” Here’s a *Radio 65* ID, but not the one I heard, nothing about Caos: [www.wen.co.il/play.php?id=kW3hbEhuxbg](http://www.wen.co.il/play.php?id=kW3hbEhuxbg). [Hauser-OK]
- 660 unID FEB 18 0510-0537 – Many *Radio 660 AM* non-IDs; Spanish announcements and Mexican music – mostly low key tunes. Part of the mix, on top at times. XEACB Cd. Delicias, Chih. a possibility. WFAN unusually not a major factor. [Frodge-MI]
- 730 **MEXICO** XEHB *Ke Buena*, Hidalgo del Parral, Chih. FEB 19 0959 – Fair; slogan ID with MST time check, “Ke Buena, 107.1 FM, son las dos cincuenta nueve,” and Mexican music. Second time received this month instead of the usual XEX. Audio clip uploaded to [www.bamlog.com](http://www.bamlog.com) 2013 International Logbook. [Conti-NH]
- 760 **CUBA** *R.Progreso*, two sites FEB 21 1000 – Under WJR; canned ID with theme song and chime into “A Primera Hora” program, parallel 640 kHz. [Conti-NH]
- 840 **CUBA** CMHW *Doblevé*, Santa Clara FEB 20 0500 – Over WHAS; choral national anthem, theme music, “Esta es Doblevé, desde Santa Clara, en el centro de Cuba,” and “Ritmo de la noche” program. [Conti-NH]
- 910 **CUBA** *R.Cadena Agramonte*, Camagüey FEB 21 1000 – Fair; four ascending notes marking the hour, canned ID, “Desde la cuna de el mayor, transmite Radio Cadena Agramonte, Camagüey, Cuba.” [Conti-NH]
- 970 **CUBA** *R.Rebelde*, Trinidad FEB 21 0100 – Under WFUN; Rebelde sounder. First time logged on this frequency. [Conti-NH]
- 1010 **MEXICO** XELO Chihuahua, Chih. FEB 19 0715 – Another try at my recent unID here, romantic music in Spanish, upbeat and female singers (only?), northeast-southwest, 0720 catch slogan “Exa FM” plus 100.algo FM, y 1010 AM. That makes it XELO per IRCA Log, 500 watts night with a BAL/SPO format and FM on 100.9 MHz. [Hauser-OK]
- 1100 unID FEB 19 0628 – WTAM ‘Coast-to-Coast’ has some musical co-channel interference with a SAH which is hard to null, making me suspect it be from near-opposite direxion. The Arizona station talk format looks unlikely, and the New Mexico station is silent, so that leaves maybe XENAS Navojoa, Sonora, which is contemporary hits. [Hauser-OK]
- 1140 **CUBA** *R.Cadena Agramonte*, Camagüey FEB 21 1000 – Under WRVA, over *R.Rebelde*; four ascending notes marking the hour, then canned ID, parallel 910 kHz. Presume Camagüey site, listed as *R.Enciclopedia*. [Conti-NH]



### Contributors

Mark Connelly WA1ION, South Yarmouth MA; Microtelecom Perseus, west-null Kaz Delta, 7 m vertical (mid-base to apex) by 21 m horizontal, base height 1 m.

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

Harold Frodge, Midland MI; Drake R8B with 125-ft bow-tie, 85-ft random wire, 180-ft center-fed random wire, Icom R3 with duckie.

Glenn Hauser, Enid OK; DX-398 with internal antenna.

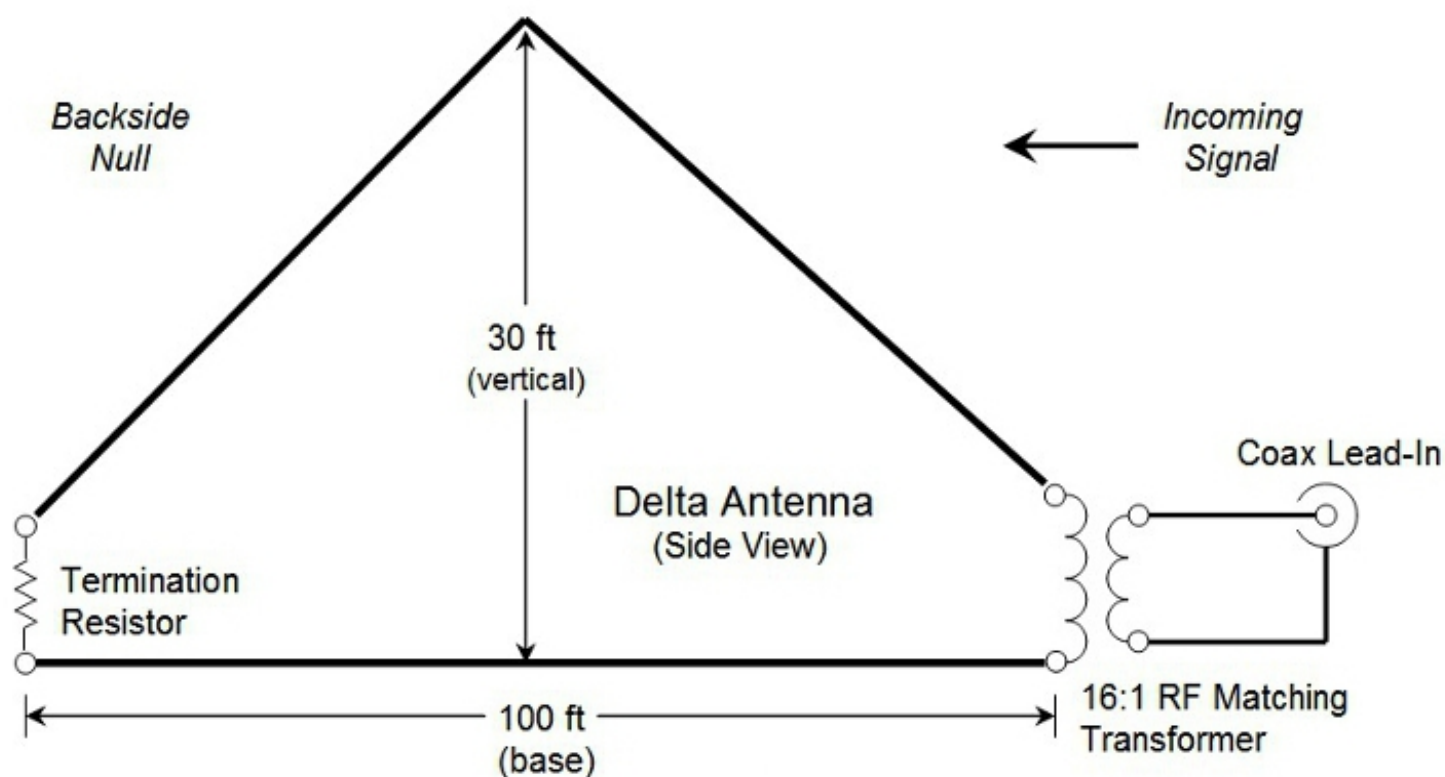
Bob Hill W1ARR, Littleton MA; Sony ICF-2010 with Kiwa filters, AOR LA390 active loop.

# Comparison of Delta Antenna Variants

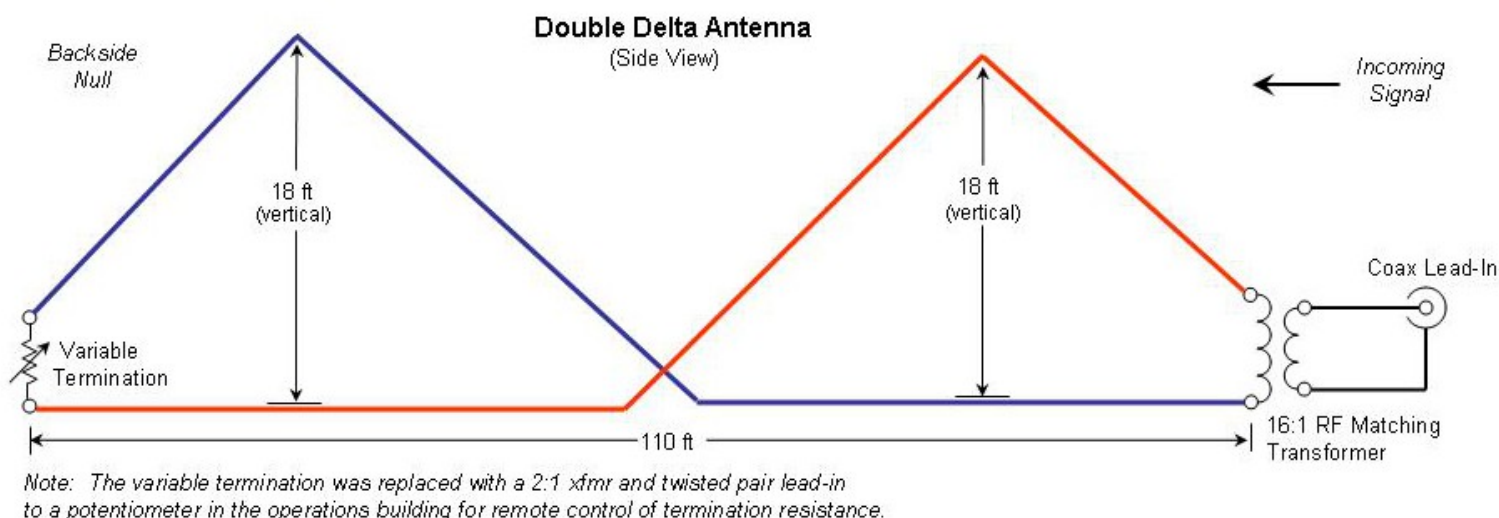
By Bruce A. Conti WPC1CAT

In response to numerous inquiries about Delta antennas resulting from Prince Edward Island and CMMC DXpedition reports, here is a cursory comparison of three different configurations of the variable termination Delta broadband loop antenna as implemented in medium wave AM broadcast DX applications. The three configurations are: A basic terminated Delta measuring 100-ft horizontal by 30-ft tall as used in various DXpeditions, the 110-ft horizontal by 18-ft tall Double Delta implemented in the 2013 CMMC DXpedition, and the 100-ft by 30-ft Cross-Phased Deltas of the 2012 Prince Edward Island DXpedition. All three configurations are run through EZNEC antenna modeling software and compared albeit subjectively from experience.

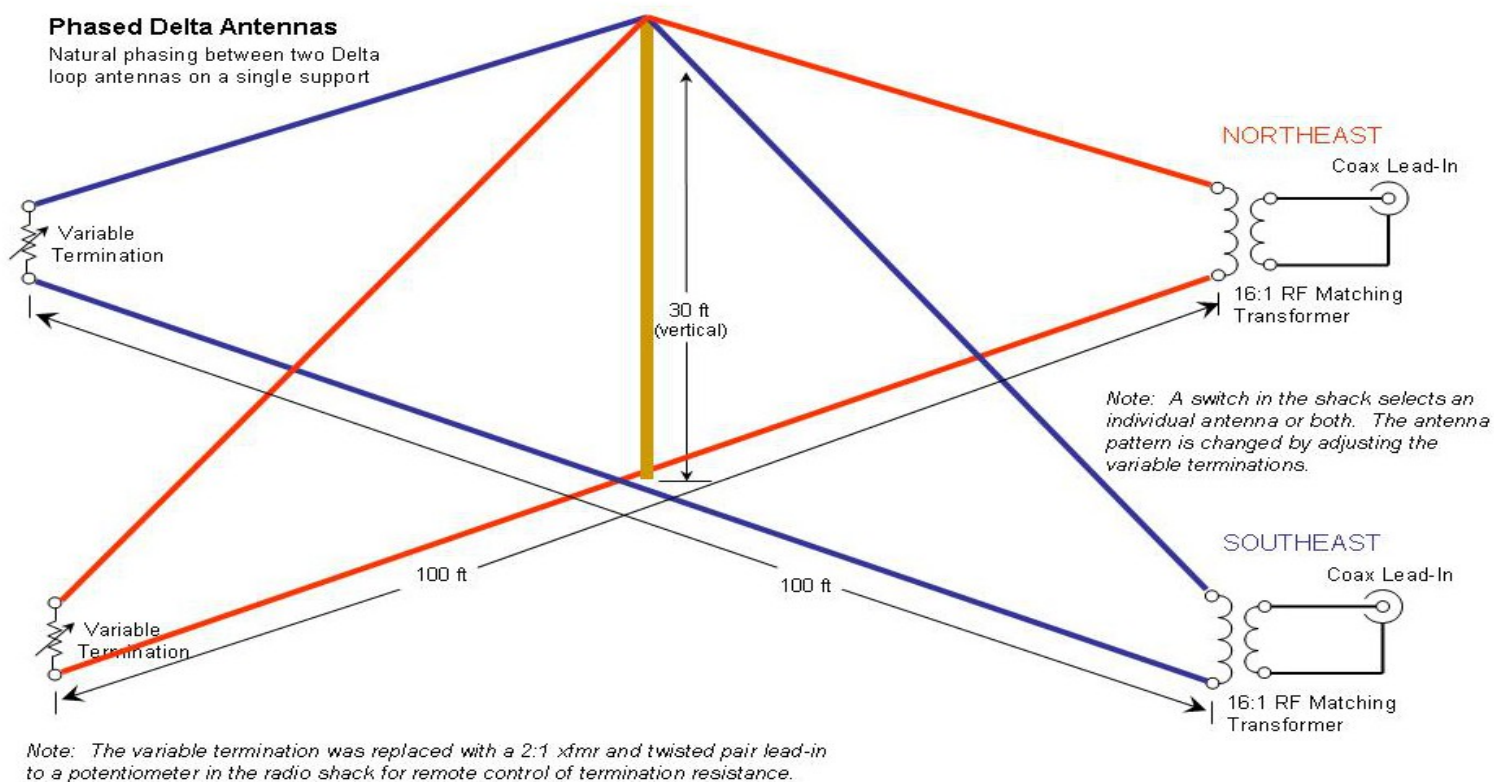
## Delta Antenna Descriptions



The Delta is part of the family of terminated broadband loop antennas that includes the Flag, Pennant, and SuperLoop. These antennas produce a wide cardioid directional beam. The Delta and SuperLoop configurations are noted for low angle performance at medium wave frequencies.



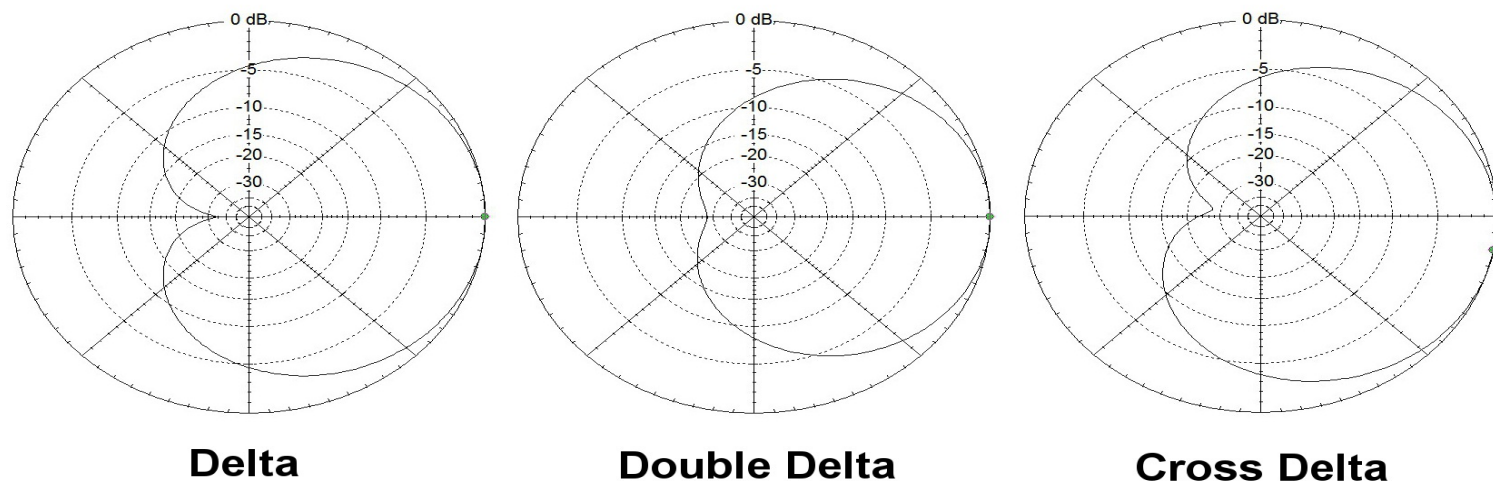
The Double Delta is a "split" or "twisted" loop configuration leveraged off of the Double Half Delta Loop (DHDL) design of the TX3A Chesterfield Islands DXpedition (<http://www.tx3a.com/equipment.html>). It's worth noting that the CMMC antenna layout was not 'to spec' per the "D-Kaz" antenna dimensions of the Neil Kazaross design (<http://www.wellbrook.uk.com/pdf/doubleKAZ.pdf>). Instead for expediency the antenna was erected as dictated by supports already in place (a tree and a pole) at the CMMC site. Still, Kazaross confirmed that the dimensions of this CMMC antenna were reasonable.



The configuration of Cross-Phased Deltas has been implemented successfully during two DXpeditions on Prince Edward Island, most recently November 2012 with two Deltas measuring 100-ft horizontal base x 30-ft tall apex supported by a single mast. In 2010 a 60 x 23-ft version was used. The antennas were aimed northeast and southeast. The Cross-Phased Deltas depend primarily upon a 'natural' phase relationship between the two antennas. An antenna switch allows for selection of an individual Delta antenna or connection to both. When both antennas are switched on, the variable terminations of each antenna are adjusted to steer the direction of the null. Terminations can also be adjusted to steer a figure-8 beam, produce side nulls, or maximize gain for a particular target. Change physical antenna positions, or add 180° antenna load/source switching and the possibilities seem infinite.

## Comparing Antennas

Experiences with these antennas are comparable to results obtained through EZNEC models. The EZNEC results shown here are 30° azimuth patterns at 1000 kHz for demonstration purposes.



The EZNEC model of the basic Delta shows the wide cardioid (kidney bean or heart-shaped pattern) typical of a terminated broadband loop with a deep and sharp backside null of as much as 35 dB. In fact null depths of up to 40 dB have been obtained.

The split-loop configurations of the Delta and SuperLoop have proven not to provide as much gain as the basic Delta and SuperLoop, and this is confirmed by an EZNEC model of the CMMC antenna and actual experience. The Double Delta required RF amplification at the CMMC DXpedition. However, a split loop does exhibit a narrower beam width which can be advantageous when aiming for a specific target. A null depth greater than 20 dB was obtained with 1010 WINS New York City nulled out by the CMMC Double Delta aimed northeast, comparable with EZNEC results.

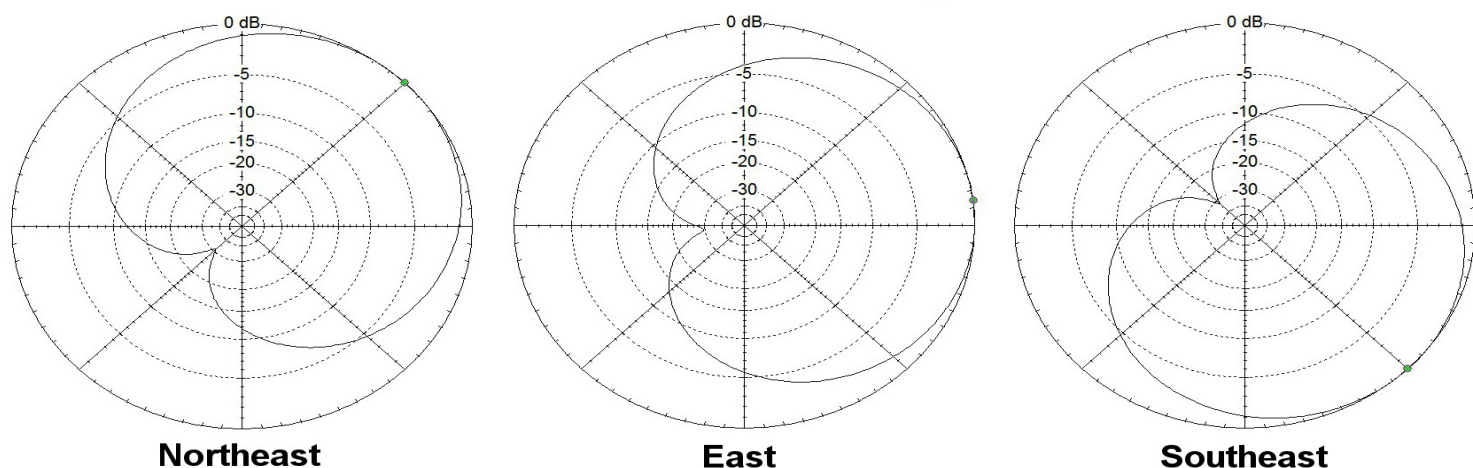
EZNEC modeling of the Cross-Phased Delta indicates the ability to steer the backside null without significant loss of maximum null depth. Note that the entire beam is skewed in the EZNEC

model result shown here. In real life experiences with Cross-Phased Deltas at Prince Edward Island, and similar cross-phasing of SuperLoop antennas at the WPC1CAT antenna site, 30 dB nulls of specific signals could be achieved by remote control adjustment of variable terminations.

### Cross-Phased Delta Range of Adjustment

EZNEC models demonstrate the 90° range of motion within a quadrant for the Cross-Phased configuration of northeast and southeast Deltas. Using an antenna switch to select only the northeast Delta results in a northeast cardioid with a deep southwest null when the termination resistance is adjusted to the nominal value, 1100 ohms typical. Similarly the southeast Delta is selected with the termination at nominal for a southeast beam with a northwest null. When both antennas are selected, termination resistances are adjusted to steer the beam within the northeast to southeast quadrant, usually by reducing the termination resistance of one Delta while slightly increasing resistance of the other. In the cross-phased EZNEC model results, the northeast Delta termination resistance is 400 ohms, and the southeast Delta 1420 ohms, to produce an easterly beam with a westerly backside null.

### Cross-Phased Deltas: 90° Range of Motion



This 'natural' phasing approach is simple to implement. No complicated circuitry; just wire, transformers, a switch, and potentiometers. The addition of a Connelly WA1ION "Termination Gizmo" direction reversal circuit ([www.qsl.net/wa1ion/flag/tg1.pdf](http://www.qsl.net/wa1ion/flag/tg1.pdf)) would allow for beam steering within any quadrant. A phasing unit such as the Quantum Phaser ([www.dxttools.com/Phaser.htm](http://www.dxttools.com/Phaser.htm)) or a WA1ION homebrew model ([www.qsl.net/wa1ion/index.html](http://www.qsl.net/wa1ion/index.html)) can be used to obtain additional null depth when needed. Natural cross-phasing that takes advantage of the interaction between co-located antennas can be applied to any of the terminated broadband loop antennas. At the WPC1CAT antenna site, similar results have been obtained using cross-phased northeast and south variable termination SuperLoop antennas sharing a mast.

73 and Good DX!

**KBXD-1480 Dallas TX** will test on Sunday, March 17, from 0100-0300 ELT with its new 50 kW six-tower day pattern. The test will include Morse code, sweep tones, special music, and other easily identifiable content. QSLs will be issued for mail reports only, no e-mail reports accepted. Return postage not needed for this one. Reports must include the listener's location, equipment used, and details about content heard. If possible, please provide an audio recording. Reports to Jerry Kiefer, KBXD, 8035 East R.L. Thornton Freeway, Dallas TX 75228. Arranged by Paul Walker, Jr.

**WVBG-1490 Vicksburg MS** will test on Monday, March 18, from 2132-2200 ELT with 1000 Watts nondirectional. Test will begin around local sunset and will run around 20-25 minutes including music, Morse code, IDs, tones, and sound effects. The test will need to be concluded before the Jim Bohannon show begins at 2200. QSL details to come. Arranged by Mark Jones.

**KSEY-1230 Seymour TX** will test on Sunday March 24, from 0100-0300 ELT with 1000 Watts nondirectional. The test will include Morse code, sweep tones, sound effects, odd music, and other easily identifiable content. QSL information to be announced. Arranged by Paul Walker, Jr.

**WKBI-1400 St. Marys PA** will test on Sunday, March 31, from 0000-0001, 0100-0101, 0200-0201, and 0300-0301 ELT with 1000 Watts nondirectional. Test will be 60 seconds of Morse code and sweep tones at the top of each hour. QSLs by postal mail ONLY, please include a SASE. No e-mail requests or phone calls for any reason. QSL requests to Paul Walker, Jr., c/o WKBI 1400 DX Test, P.O. Box O, Ridgway PA 15853. Arranged by Paul Walker, Jr.

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