





# AM Switch

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Status changes in AM stations, supplied by the FCC, CRTC, and listeners

## CALL LETTER CHANGES

	<u>Old Call</u>		<u>New Call</u>
710	KMIA	AZ	Black Canyon City
1230	WNRR	GA	Augusta
1230	KZZR	OR	Burns
1320	WBOB	FL	Jacksonville
1380	WSGF	SC	North Augusta
1490	KIST	CA	Santa Barbara
1570	CFAV	QC	Laval
1580	KKKK	CO	Colorado Springs
1590	KRQX	TX	Mexia



## CPs ON THE AIR

1090	KEXS	MO	Excelsior Springs - Is now on with D4 8000/0 CH 4000. The day pattern remains a large lobe to the southwest with a smaller lobe to the northeast. The added CH pattern is identical, only smaller.
1260	KBSZ	AZ	Apache Junction - Is now on with U1 800/50 from an 85' VALCOM antenna at 33-22-56/111-32-09, moving from 1250 in Wickenburg. They still have an application for U1 3500/50 from this location.
1390	WOHS	NC	Shelby - Is on the air with U1 700/16 (altered from the initial daytime power of 1400 Watts) and relinquishing its nighttime 500 Watt directional signal.
1580	KKKK	CO	Colorado Springs - Is now on the air with U1 10000/140.

## ACTIONS

570	KMVI	HI	Wailuku - Coordinate correction to 20-53-25/156-29-20.
610	WIP	PA	Philadelphia - Coordinate correction to 39-51-56/75-06-34.
630	KTKK	UT	Sandy - Licensed for U4 1000/500, KTKK lost their antenna site in 1998 and has been operating under a Special Temporary Authorization (STA) with U1 1000/51 from the tower of KLLB-1510 West Jordan. They have applied for U4 500/500 changing the City-of-License to Kearns. This action extends that STA.
740	WDGY	WI	Hudson - CP granted for D3 5000/0.
780	WCPS	NC	Tarboro - Coordinate correction to 35-55-44/77-34-13.
800	WJAT	GA	Swainsboro - Coordinate correction to 32-34-55/82-21-22
820	KORC	OR	Waldport - CP granted for U1 5000/15, increasing the day power.
920	KLMR	CO	Lamar - Licensed for U2 5000/500, KLMR is operating under an STA with U1 5000/125 due to the fact that their #2 tower collapsed on July 15 <sup>th</sup> and the station is pursuing efforts to replace it.
1000	WMUF	TN	Paris - Licensed for D4 5000/0 CH 2500, WMUF is operating under an STA for D1 602/0 from their #2 tower while the antenna for translator station W48BK on Tower #1 is being installed. Regular operation is expected to return on or about September 15, 2010.
1050	WSMT	TN	Sparta - CP granted for U1 950/178 from a newly-installed 3-wire folded unipole antenna on an existing tower at 35-57-16/85-28-37. Since the new structure is slightly taller than the old facility, the power levels are lower than their licensed U1 1000/181. In a related matter, co-owned WTZX-860 has applied to move to this same location utilizing the same antenna described above with U1 950/11 CH 950. That application is still pending.
1070	CBI	NS	Sidney - Their new FM, CBIT-FM (97.1), has begun testing. After 90 days of regular programming, CBI will leave the air.
1130	KTRP	OR	Mount Angel - Licensed for U4 25000/490, KTRP has applied for U4 50000/490. While they are conducting soil conductivity tests, they will be operating U2 6250/490. Since their normal day pattern is a large circular lobe to the northeast, DXers living to the west and south of Mount Angel may

be able to them under these circumstances.

- 1210 KUNF UT **Washington - CP granted to decrease their night power to become U1 10000/231**, as they diplex their operation with one of the three towers of co-owned KDXU-890 at **37-04-06/113-31-04**. Since the KDXU towers are 250' tall compared with the current KUNF 220' tower, the night power must be slightly less to theoretically cover the same area.
- 1380 KRCM TX **Shenandoah - Now licensed here with U1 250/69**, after moving from Beaumont, KRCM had **been granted an STA with U1 250/69** from a long wire antenna. Their original tower was destroyed by Hurricane Rita, and they were granted a 'silent' STA. **This action grants them a continued 'silent' STA.** (See related item in applications below)
- 1400 KCOW NE **Alliance - Coordinate correction to 42-06-22/102-53-17.**
- 1450 WLAY AL **Muscle Shoals - After losing its transmitter site, WLAY is operating under an STA with U1 1000/1000** from their 120' Studio-to-Transmitter Link (STL) tower in Sheffield at **34-44-13/87-42-15** until a new tower location can be found and facility built.



#### AMENDMENTS TO CONSTRUCTION PERMITS

- 960 WFIR VA **Roanoke - Licensed for U2 5000/5000**, WFIR had a CP for U2 10000/4800. This CP has been dismissed by the licensee's request and replaced with an application for U2 10000/4400.
- 990 WISK GA **Americus - Licensed for D1 1000/0 on 1390 with a CP here with U1 950/25**, WISK has applied to amend the CP to U1 1000/25.

#### APPLICATIONS

- 560 CHTK BC **Prince Rupert - Applies to move to 99.1 MHz with 160 Watts at 578 metres.**
- 670 KMZQ NV **Las Vegas - Applies for U4 25000/600.** In addition to the daytime power decrease, they propose to use a different tower arrangement with a slight alteration of the pattern.
- 750 KHWG NV **Fallon - Applies for U1 6000/250**, decreasing their daytime power.
- 930 CJYQ NL **St. John's - Applies for U5 25000/3500**, decreasing their nighttime power and going non-directional and relocating that night transmitter. The wording of the application isn't too clear whether they plan to locate the night transmitter to another second site (they are now a 2-site operation), or consolidate the day and night sites. They state that the night antenna site is unusable due to deterioration caused by the coastal Newfoundland weather.
- 1230 CFXG AB **Grand Cache - Applies to move to 93.3 MHz with 190 Watts at - (minus) 81.7 metres.** CFXG is a 50-Watt relay of CFXE Edson, Alberta.
- 1310 KMKY CA **Oakland - Applies for U4 5000/5000 (from U3 and no change in power)**, but they propose to reduce the height of their three towers from 200' to 188' in order to eliminate the lighting and marking requirements. Shortening the towers leaves the pattern unchanged in shape, however the coverage area is slightly reduced.
- 1380 KRCM TX **Shenandoah - Applies for U1 2800/60.**
- 1450 KENA AR **Mena - Applies to move to Fort Smith and diplex into the tower of co-owned KFPW-1230 with U1 1000/1000.**

#### AMENDMENTS TO APPLICATIONS

- 1140 WCJW NY **Warsaw - Licensed for D3 2500/0**, WCJW applied for D4 8000/0 CH 2400. This amendment requests D4 8000/0 CH 2300.
- 1540 WGRK KY **Greensburg - Licensed for D1 1000/0 CH 500**, WGRK initially applied for D1 5000/0 moving to 1200 kHz at Jeffersontown, then amended the application to D1 2500/0. This amendment requests D1 3500/0 CH 2700 on 1200 at Jeffersontown.

#### APPLICATIONS FOR RECONSIDERATION ACCEPTED

- 740 NEW HI **Kihei - Application for U1 5000/5000.**
- 1240 NEW OR **Merrill - Application for U1 1000/1000.**

#### APPLICATIONS FOR RECONSIDERATION TENDERED

- 570 NEW MS **Pass Christian - Application for U4 1000/500**, initially filed in 2004, has been

dismissed and re-applied-for three times.

- 1320 NEW OR **Merlin** - Application for U4 1000/1000.  
 1470 NEW AK **Anchorage** - Application for U1 10000/10000.  
 1550 NEW OR **Merlin** - Application for U4 5000/1000 (initial application was for 1520 kHz).

### DELETIONS AND DISMISSALS

- 990 KAML TX **Kenedy-Karnes** - Application for U4 500/200 moving to Mathis has been dismissed. **KAML remains U1 250/70.**
- 1170 WKFL FL **Bushnell** - Licensed for D1 1000/0, WKFL had a CP for D4 10000/0 CH 5000. That CP has been deleted.
- 1220 CHSC ON **St. Catharines** - The CRTC has denied CHSC's application for renewal, and the station must go silent at the end of its current license term, August 31, 2010. The commission cited numerous instances of non-compliance with CHSC's regulatory obligations, including broadcasting less than the weekly Canadian (music) content requirement, exceeding the weekly maximum allowable level of third-language programming, failing to provide complete logger tapes and complete program logs, and failing to provide complete financial statements and complete annual Canadian talent development expenditure reports dating back to 2004. The Commission also received complaints alleging that since 2006 [the licensee] had reoriented CHSC's programming to serve Toronto's Italian-speaking community rather than the market it as licensed to serve, St. Catharines.
- 1280 KYRO MO **Potosi** - Licensed for U1 500/84, KYRO first applied for U1 660/70 moving to a new site, then amended the request to U1 1000/70. That amendment has been dismissed.
- 1290 WWHM SC **Sumter** - Application for U1 1000/12 moving to Wedgefield. WWHM remains U2 1000/1000 with an application for U1 1000/12 remaining at Sumter.
- 1370 KGEN CA **Tulare** - Licensed for U1 710/72, KGEN had a CP for U5 3800/102 moving to Sanger. That CP has been dismissed
- 1420 KUJ WA **Walla Walla** - Licensed for U1 5000/900, KUJ had a CP for U1 10000/650 which has been dismissed.
- 1430 WGFS GA **Covington** - Licensed for U1 3900/212, WGFS applied for U1 1600/500 moving to 1220 kHz. That application has been dismissed.
- 1490 WRCE NY **Watkins Glen** - Licensed for U1 400/400, WRCE has been operating under an STA of U1 100/100 since February 2010 when their tower collapsed. In May they applied for U1 880/880 from a new replacement tower (with a folded monopole, shunt fed antenna) built at the site of the old tower. Now, they've applied to operate with U1 400/400 from that newly-built tower. But wait . . . they haven't even received the CP to build that new tower, so the U1 400/400 application has been denied. They remain U1 100/100. And can only hope the FCC OKs the tower, hi.
- 1550 KWBC TX **College Station** - Licensed for U1 250/26 at Navasota, KWBC was granted a CP moving here with U5 1400/24. They have asked that the CP be deleted and replaced with an application for U5 1500/24 at College Station.

### APPLICATIONS FOR NEW STATIONS

- 1250 NEW AK **Willow** - Applies for U1 50000/50000  
 1400 NEW AK **Juneau** - Applies for U1 1000/1000  
 1500 NEW TX **San Angelo** - Applies for U4 600/250  
 1570 NEW TX **Fritch** - Applies for U4 10000/750  
 1580 NEW UT **Springville** - Applies for U7 10000/570 CH 10000

### AM on FM

- 630 KVMA AR **Magnolia** - K296FC (107.1) Magnolia  
 830 WTRU NC **Kernersville** - W275AL (102.9) High Point  
 910 KKSJ WA **Camas** - KNRK (94.7 HD2) Vancouver  
 950 WYWY KY **Barbourville** - W227CD (93.3) Barbourville  
 1260 KBSZ AZ **Apache Junction** - K241BQ (96.1) Fort McDowell  
 1310 WHEP AL **Foley** - W223AX (92.5) Foley  
 1330 WAEW TN **Crossville** - W245BJ (96.9) Crossville



1360	WMFC	AL	Monroeville - WMFC-FM (99.3)	Monroeville
1400	WWNZ	ME	Veazie - W231CH (94.1)	Bangor
1400	KEBE	TX	Jacksonville - KMPA (103.1)	Pittsburg
1450	WCON	GA	Cornelia - W299AT (107.7)	Cornelia
1500	KUMU	HI	Honolulu - KUMU-FM (94.7)	Honolulu
1510	KCKK	CO	Littleton - K229BS (93.7)	Littleton
1600	KOKE	TX	Pflugerville - K274AX (102.7)	Pflugerville



**HEAR AND THAR**

◆ **Returning to the airwaves:** KRJY-1240 Sacramento, California returns to the air with Black Gospel; WCOG-1320 Greensboro, North Carolina returns with ESPN Sports // WMFR-1230 High Point and WSML-1200 Graham, now known as the *Triad Sports Network*; WHWH-1350 Princeton, New Jersey with a Spanish format;

◆ **Reported as Silent:** WWVA-1170 Wheeling, West Virginia (which lost all three of its towers to a windstorm on August 4; at our deadline their programming had been moved to sister station WBBD-1400 as engineers were working to erect temporary towers); KEVT-1210 Sahuarita, Arizona; WAYE-1220 Montgomery, Alabama; WKIQ-1240 Eustis, Florida; CBMO-1240 Lac Megantic, Quebec; KRAL-1240 Rawlins, Wyoming; WMON-1340 Montgomery, West Virginia (state correction from Issue 26); KGVV-1400 Greenville, Texas and WQKC-1450 Jeffersonville, Indiana. We hit the "Trifecta" on 1240 this issue!

📰 **News Item:** Legendary disk jockey **Dick Biondi** was honored recently for his 50 years in broadcasting including having a street named after him in Chicago. A street sign at the northwest corner of East Lake Street and North Garland Court bears his name. We wonder if there are any pizza joints at that corner!

◆ **News Item:** Sangean has backed off on its intentions to produce an HD portable radio that included analog AM capabilities. A Sangean spokesman said the company decided not to go ahead with production of the DT-600 HD. This may be interpreted as the company's admission that AM IBOC doesn't work. Hey! DXers have known that from the get-go. We know that you don't have to go to a local diner to get hash!

◆ **News Item:** Clear Channel is donating KFXN-690 Minneapolis to the Minority Media and Telecommunications Council. KFXN is a 500-Watt day timer that has been a 'sister' station to KFAN-1130.

◆ **News Item:** According to the FCC, as of June 30, 2010 there were 4786 AM stations licensed under their jurisdiction.

◆ **Thanks to:** Shawn Axelrod, Wayne Heinen, David Lewis, Deane McIntyre, Dave Schmidt, Ernest Wesolowski, Upper Midwest Broadcasting and Radio World Online.

**GRAVEYARD DX UPDATE**

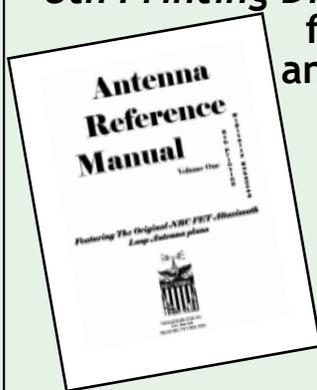
<u>1450 kHz:</u>					<u>Miles</u>
KAVP	CO	Colona	Richard Lauhead	Vadnais Heights, MN	882

<u>TOTALS:</u>		<u>1230</u>	<u>1240</u>	<u>1340</u>	<u>1400</u>	<u>1450</u>	<u>1490</u>	<u>TOTAL</u>
Richard Lauhead	Vadnais Heights, MN	7	9	9	2	12	4	43

**Two URL's you need: <http://e-dxn.com>; <http://www.nrcdxas.org>**

**Antenna Reference Manual, Volume 1**

*8th Printing Digitally Enhanced and Updated* This completely-revised book features the plans for the original NRC 4' FET Altazimuth loop antenna. Completely revamped with digitally enhanced drawings and updated material sources, it also contains other articles on the subject of antennas for medium wave DX'ers, most originally published between 1969 and 1974 in *DX News*. It includes articles on air-core and ferrite core loops, antenna tuners for longwire antennas, and antenna couplers. This is the original book which has been available for over 20 years. \$8.95 to NRC members (\$11.95, non-members). 8 1/2" X 11" bound book format. Canadian orders: PayPal or postal M. O. only. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

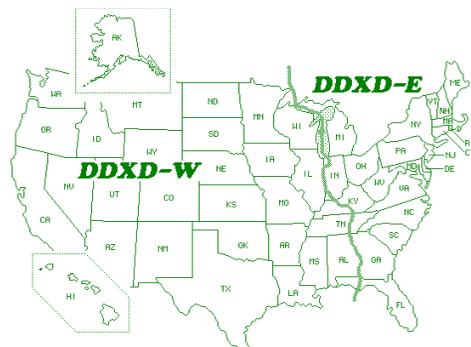


# Domestic DX Digest

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(Division line  
is between East  
and Central time  
zones)



## DX Catches in the U. S. and Canada, with 24-hr. ELT

### DDXD-West

A melty I'm-Sick-To-Death-Of-Summer greeting from the Pacific Northwest. Most of us have abandoned AM DXing in favor of lying limp in a wading pool, but thankfully there are a few stalwart fellows who remember their priorities and spend some time in front of the dials, and make this bulletin happen.

#### Reporters

- JW-CO** John Wilkins, Wheat Ridge, CO Drake R-8, 4-foot box loop.  
**RV-TX** Robert Vance, El Paso, TX WinRadio G303e/PD, 115 ft amplified temp random wire, 3 sq meter amplified air loop  
**SMA-MB** Shawn M. Axelrod VE4DX1SMA Winnipeg MB Icom ICR-70 / Drake R8; 4 foot unamplified box loop/Quantum Loop/155 foot outdoor wire/100 foot indoor wire/MFJ 1026 phasing unit.

#### DX Logs (All Times ELT)

- 940 KVSH NE Valentine 8/2 0813. Weather, sponsored by Valley Office Supplies; a car dealer ad followed, then signal faded. Briefly fair, with local KRWZ-950's IBOC off. (JW-CO)
- 1040 KGGR TX Dallas 7/28 0705. Out of Gospel tune, with man ancr giving CDT time check and call letter ID, as well as a "Great Gospel Radio" slogan; mentioned freqs of 1040 AM and 102.5 FM; more music followed; soon faded under XEHES. (JW-CO)
- 1130 KSDO CA San Diego 8/3 0759. "Radio Nueva Vida" hype, then legal ID at 0759:40: "Once Treinta AM KSDO San Diego y el mundo entero nuevavida.com" and into upbeat SS religious music. Fair at best and soon faded. Unusual to hear this at night (or any time) with their pattern going west into the ocean. (JW-CO)
- 1140 KYDZ NV North Las Vegas 7/4, 0555; P-F in noise with youth-oriented pop mx. Singing TOH ID "For kids, by kids; kids radio, K-Y-D-Z, North Las Vegas." then back into mx with "Kids Radio" slogan after each song almost. (RV-TX)
- 1150 KIMM SD Rapid City 7/18 0722. C&W music; ads at 0731; "Big Kim Country Weather" at 0734, followed by a Smokey the Bear PSA; back to music at 0737 after a "Real Country" slogan. Fair but fadey in KNRV null. (JW-CO)
- 1400 KCOW NE Alliance 7/14 0723. "AM 1400 KCOW" punching thru the pileup; faded away after a local ad. (JW-CO)
- 1420 KULY KS Ulysses 7/19 0735. Weather, followed by short feature "Something You Should Know"; 0738 Garden City and Grant County spots; ID as "Your Hometown Radio KULY". Fair/good reception. (JW-CO)
- 1530 KGBT TX Harlingen 6/30, 2200; Up over XESD-Leon w/EG/SP ID at TOH "KGBT, Harlingen-McAllen-Brownsville, en quince-treinta A-M...". Mentions of Univision in anmt. Hung around all night in the 1530 mix. (RV-TX)
- 1530 KZNX TX Creedmoor 7/1, 0200; In and out through SS QRM with TOH anmt "Welcome to the mothership, Austin's home for ESPN Radio...KZNX, Creedmoor-Austin". More out than in during the rest of the night but ok considering 220-watt listed power. (RV-TX)
- 1540 CHIN ON Toronto 7/5, 0150; Finally surfaced above XEHOS-Hermosillo during Mexican NA with China Radio pgmng. TOH anmt included "...the bridge in the cultural gap; narrowing the gap."; with the mention that CRI would continue after the news. News was next and then gone back under XEHOS but still audible. First Canadian logging for me from El Paso. (RV-TX)
- 1540 KMPC CA Los Angeles 7/5, 0355; Up briefly with Korean-language pgm then TOH ID "...KMPC...Radio Korea." then gone. XEHOS-Hermosillo still dominant. (RV-TX)



- 1540 KASA AZ **Phoenix** 7/5, 0406; Momentarily above XEHOS-Hermosillo with SS talk by YL who mentioned the station CL during her talk. **(RV-TX)**
- 1540 KXEL IA **Waterloo** 7/5, 0455; Up with station promo by YL "...on Newstalk 15-40, KXEL". Then back down. **(RV-TX)**
- 1540 KZMP TX **University Park** 7/5, 0630; Suddenly booming in with ESPN Desportes. Must be the morning power change. Caught TOH EE ID at 0700, // -KESN 103.3. **(RV-TX)**
- 1550 KIVA NM **Albuquerque** 7/10, 2058; On top of XENU-Nuevo Laredo with local ads, TOH ID, CBS Nx, then into Jerry Doyle Show. Swinging from good to poor. Gone once it changed to night power. **(RV-TX)**
- 1560 KZQQ TX **Abilene** 7/16, 2250; In and out against partially phased local XEJPV with Texas Rangers baseball. Heard later at 7/17 - 0500 with CL ID into Led Zepplin tune. Whither ESPN? **(RV-TX)**
- 1560 KNZR CA **Bakersfield** 7/17, 0316; Weak CL ID heard through the hash. Local XEJPV signed off. **(RV-TX)**
- 11580 KMIK AZ **Tempe** 7/29, 2150; Mixing with KREL-Colorado Springs with Radio Disney pgmng. Slowly becomes dominant after Tempe sunset and KREL power change. **(RV-TX)**
- 1580 KREL CO **Colorado Springs** 7/29, 2150; Mixing with KMIK-Tempe while still on day power with conservative talk program. ID anmt at TOH "...KREL Colorado Springs, AM-15-80, Radio Colorado Network..."; then into network news, the network did not sound familiar. **(RV-TX)**

#### Tentative/UNID

#### 1710 Senior Radio



07/21 0447 Poor signals fading in and out with Oldies music. I posted this as an UNID on the BCB propagation Logger and got an email from the station owner saying I had heard his station. He was most amazed I had picked him up. This is a Part 15 station or Low Powered AM station. NEW! This first new one in a very long time but it is a goodie for sure. Who says there is no DX in the summer? **(SA-MB)** Much more interesting info on this station below, under Otherness **(JDT-WA)**

#### Otherness

Shawn Axelrod relates further info regarding his unusual 1710 KHz logging of Senior Radio. Per the operator, the station is in Edison NJ USA. Tony (the operator) sent me the following info:

"The transmitter is a Hamilton AM 1000 FCC Part 15 certified AM transmitter. The transmitter lives at the top of the 30ft tower runs on 15 volts DC at 250 mA. The audio and DC are fed to the transmitter from the house studio. No coax TPO is = to 5 watts but the final stage only puts out 100 milliwatts it has a hi-Q gain tank circuit. Gets out about 5 miles. But Skip (WOW!) to Canada is unbelievable. It uses a CB 102" whip and only has a ground rod in the ground. I'm impressed. I'm on every weekend starting late Friday evening till Monday morning. Please record it next time you hear me. I'd like to hear it."

Shawn received some additional communication from the Senior Radio operator: "On Saturday night between 8-12AM we play Oldies. The rest of the time it's Big Band and standards. You must have your date wrong 7/21. Maybe you meant 7/24. I only broadcast Friday evening to Monday morning at this time. We will soon be on 24/7. Do you DX 1230 KHz? I co-own a 1000 watt oldies station in VA with a friend, WODI. Look for that sometime."

When you DX 1710, you can call the listen line to confirm what's on the air. I have an auto coupler hooked up. (Phone number is) 1-732-985-2122. Keep me posted on hearing my station."

Based on the info received from the operator on dates of broadcasting, Shawn marks his logging tentative/UNID (since the operator says he only transmits on Friday through Mondays) but I doubt Shawn was having an audio hallucination.

Very intriguing. **(JDT-WA)**

Gerry Conkling in Greenbelt Maryland, shares a good article on the demise of music on AM radio. Type the following URL into your browser:

<http://www.popmatters.com/pm/feature/124955-am-gold-82/P0>

All of you within DX range of New Jersey need to check 1710 on a regular basis to see if you can hear Senior Radio, with Oldies for those of us past our prime. (Thanks very much.) If you hear it, send a note to the operator (go to [tonydeeradio.com](http://tonydeeradio.com)), and cc Shawn Axelrod ([amandx@mymts.net](mailto:amandx@mymts.net)) to reassure him he's not crazy. Or senile.

See you next time **(JDT-WA)**

## DDXD-East

REPORTERS

BC-MA Bruce Conti, Black Falcon Pier, Boston - Car radio.

- BC-NH **Bruce Conti, Nashua** - RFSpace SDR IQ, variable termination Split SuperLoop.  
 JC-DE **John Cereghin, Smyrna** – Sony SRF-59 and other ultralights.  
 SC-IN **Steve Chappell, McCordsville** - Chrysler car radio, K9AY loop antenna  
 HF-MI **Harold Frodge, Midland** - Drake R8B + 125 ft. bow-tie; 85 ft. RW & 180 ft. center-fed RW  
 KK-VA **Kraig Krist, Manassas** - NRD-545, Kiwa loop, homemade 134 foot multiband antenna running NW to SE.  
 IEN-GA **Ira Elbert New III, Sapelo Island** – Sangean ATS 909  
 IEN-GA1 **Ira Elbert New III, Julienton** – Sangean ATS 909  
 DY-WV **David Yocis, Shannondale** - R8B, longwires, Quantum phaser  
 MKB-ON **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

## STATION NEWS

- 820 CHAM ON **Hamilton** – as of 7/22, ditched “Talk 820”, which had failed to make a dent in CHML-900 since being launched in 2008, and returned to their traditional C&W format, “Today’s Country 820 CHAM”. Scott Fybush’s Northeast Radio Watch notes that Hamilton may be the only large Canadian market that still has two stations playing music on the AM dial. Three if you count CKPC-1380 in nearby Brantford (Wayne Gretzky’s home town). **(MKB-ON)**
- 
- 1220 CHSC ON **St. Catharines** – License revoked by CRTC. Barring stay of execution, will go silent on or before 8/31. Details at <http://www.crtc.gc.ca/eng/archive/2010/2010-533.htm> **(MKB-ON)**

## DX TEST

- 1210 KEVT AZ **Sahuarita** – 7/19 0202 – On DX test, occasional Mexican music audible in the 0100-0200 hour, alternating with occasional KGYN, in tight and unstable phase null of WPHT, finally two code IDs and sweep tones at this time. New. **(DY-WV)**

## UNID

- 1080 ---- - 7/30 2051 – Someone with True Oldies Channel with oldies, True Oldies Channel IDs, national news at 2055, mixing with WTIC, religion, gone at presumed power change 2100. Again 7/31 with True Oldies Channel, sharp power down 2058. Who’s that? **(DY-WV)**

## PIRATE/BOOTLEG

- 720 ---- MA **Dorchester** - 7/30 0900 - Catholic preaching in thick-accented FF, IDs sounded like Radio Verité. **(BC-MA)**

## LOGGINGS

- 550 WAYR FL **Orange Park** – 6/24 1830 – Religious programming. Good signal. “AM 550, Way Radio” slogan. **(IEN-GA)**
- 600 WBWL FL **Jacksonville** – 6/24 1742 – Radio Disney fare. Good, steady signal. “Radio Disney, AM 600”. **(IEN-GA)**
- +++ – 7/23 1257 – TOH ID, and Radio Disney fare, along with an ad for a jump rope event in Jacksonville, FL, and an ad for the Jacksonville Suns minor league baseball team. Good, steady signal. “Radio Disney, AM 600” and “This is WBWL and WBWL – HD in Jacksonville”. **(IEN-GA1)**
- 680 WINR NY **Binghamton** – 7/11 2036 – ID, NOS, fair under a strong WCBM. Another ID 2046. New. **(DY-WV)**
- 690 WOKV FL **Jacksonville** – 7/24 0932 – Fox News Radio newscast. Very, good steady signal. “...on WOKV, AM 690” and “Newstalk Radio WOKV”. **(IEN-GA1)**
- 730 WMNA VA **Gretna** – 7/18 0036 – Promo with ID, C&W music, dominant on peaks. **(DY-WV)**
- 770 WAIS OH **Buchtel** – 7/18 2301 – Classic country music, “WAIS Weather” jingle, fair-good with WABC phased. Allegedly a daytimer with a TLK format. **(DY-WV)**
- 910 WAVL PA **Apollo** - 7/11 0537 - Poor signal. “Christian Radio Praise 910” and “more info at Praise910.com” station promos. NEW! **(SC-IN)**
- 930 WFXJ FL **Jacksonville** – 6/24 1746 – Jacksonville, Florida fishing information. Good, steady signal, slogan “930, The Fox”. **(IEN-GA)**
- 960 WERC AL **Birmingham** – 7/23 2050 – ID as “Talk Radio 105-5 WERC,” Jason Lewis talk show, host berating caller for voting for Obama, FM-only ID 2100 into Fox News. Good on peaks. **(DY-WV)**
- WKVX OH **Wooster** – 7/23 2039 – ID “Oldies Radio, Wooster’s WKVX” popping out of

the mix. **(DY-WV)**

- WQLA** TN **La Follette** – 7/23 2033 – Coming out of ads, man with southern accent reading “WQLA Weather,” mentions of eastern Tennessee and Campbell County. New. **(DY-WV)**
- 990 **WNRV** VA **Narrows** – 7/31 2047 – Bluegrass music, song interrupted by woman with ID “WNRV 9-90 the Ridge,” and power down a second or two later. Good over Pirates baseball (WNTW?), Smokies baseball (WNML?), and Hugh Hewitt (WNTF?). **(DY-WV)**
- 1050 **WBQH** MD **Silver Spring** – 7/23 1701 – Loud with Mexican music, lots of “La Buena” IDs, call ID in SS. Ex-WTOP and others before. **(DY-WV)**
- 1070 **WSCP** NY **Sandy Creek-Pulaski** - 8/6 2105 – Fair with ESPN Deportes sports talk in Spanish. **(BC-NH)**
- 1080 **WUFO** NY **Amherst** – 8/1 2023 – Soul oldies, ID mentioning western New York and call letters, fair under WTIC. **(DY-WV)**
- 1130 **WFXH** SC **Hilton Head Island** – 7/24 0942 – ESPN Sportscenter, with sports news of the day. Good, steady signal. “ESPN Radio, AM 1130”. **(IEN-GA1)**
- 1170 **KJOC** IA **Davenport** – 8/5 2359 – presumed with slogan “True Oldies...More oldies real variety”. IA #24. Poor with deep fading. Need USB to minimize IBOC slop. Mixing with at least one other; one seems to be classic rock--pretty sure a separate station. **(HF-MI)**
- WFDL** WI **Waupun** – 8/5 2044 – promo for am1170radio.com. Listed as oldies, so one of the oldies stations there along with KJOC. Many ads. Poor with IBOC slop. **(HF-MI)** *These two loggings were noted with WWVA off after their transmitter was blown down by hurricane force winds. WWVA returned as of 8/6 with reduced (5000 watt) power. Mike*
- AM 1170** 
- 1180 **WFYL** PA **King of Prussia** – 7/16 \*0545 – Sign-on announcement, mention of Philadelphia, station owner and phone number, into sports talk show in progress. Fair-good with WHAM, WZQZ, and others. New. **(DY-WV)**
- 1200 **WXKS** MA **Newton** - 8/5 0055 – in mix with “News radio 12 hundred WXKS” ID into Fox news with usual “We report, you decide” slogan. **(KK-VA)**
- 1210 **KGYN** OK **Guymon** – 7/19 0132 – Talk by deep-voiced man with ID, in very tough phase null of WPHT. Guymon ad also heard at 0204. **(DY-WV)**
- WJNL** MI **Kingsley** - 8/3 2200 - CBS news, ads for Bayview Festival on Lake Michigan in Petrosky MI, into Clark Howard, mixing with WPHT. Listed as 50 kw daytimer but their website has a full schedule of programs all night. **(JC-DE)**
- 1220 **WGNV** NY **Newburgh** - 7/22 2015 – oldies with “Hudson Valley Oldies” slogan, announced //1490. **(JC-DE)**
- 1230 **WSBB** FL **New Smyrna Beach** – 6/24 1751 – Volusia County government ad and nostalgia format. Good, steady signal. “MYAM1230.COM” website promo and “1230 WSBB” ID. **(IEN-GA)**
- WSOK** GA **Savannah** – 7/23 1209 – Gospel music. Good, steady signal. “...entrenched in Savannah, 1230, WSOK”. **(IEN-GA1)**
- 1240 **WFOY** FL **St. Augustine** – 6/24 1800 – Good, steady signal with Fox news, station promo “Radio that makes you feel smart” and “1240 News, WFOY”. **(IEN-GA)**
- WVES** WV **Dunbar** – 7/31 2106 – Weather forecast “on WVES AM and FM,” fair in mix. **(DY-WV)**
- 1250 **WTMA** SC **Charleston** – 7/23 1048 – The Neal Boortz Show. Weak, but steady signal. “...on 1250 WTMA, the Big Talker”. **(IEN-GA1)**
- WEAE** PA **Pittsburgh** - 8/2 0055 – in mix with usual ESPN radio programming, ToH ID “WEAE Pittsburgh ESPN...you’re listening to ‘All Night’ on ESPN radio...”. **(KK-VA)**
- 1260 **WUFE** GA **Baxley** – 7/23 1056 – TOH ID, and C&W music from “Hit Kicking Country, Z-94!” The Gospel Hour came on at 1100. Weak, but steady signal. “AM 1260, WUFE, Baxley”. **(IEN-GA1)**
- 1270 **WCBC** MD **Cumberland** - 7/30 0055 – in mix with Pittsburgh Pirates v. St. Louis Cardinals baseball, “WCBC” ID into weather forecast from “WCBC Newsroom”. **(KK-VA)** *A Pirates affiliate in MD? Cumberland is in the western Maryland panhandle, closer to Pittsburgh than Baltimore. Mike.*
- 1280 **WADO** NY **New York** - 7/30 0055 – SS talk in mix with UNID ESPN station, “WADO New York” ToH ID in EE. **(KK-VA)**
- 1290 **WTKS** GA **Savannah** – 6/24 1806 – Good, steady signal with Dave Ramsey show, ID as “Newsradio 1290, WTKS”. **(IEN-GA)**
- WJCV** NC **Jacksonville** - 7/29 0055 – in mix with WFBG, gospel songs and station promo “WJCV cares about you...”. **(KK-VA)**

- WFBG** PA **Altoona** - 7/29 0055 – in mix with WJCV and UNID SS station, "... from WFBG overnight...news... total... WFBG..." station promo. **(KK-VA)**
- 1300 **WJZ** MD **Baltimore** - 7/28 0055 - typical ESPN Radio programming in mix with gospel station, station promo "... this is thirteen hundred WJZ...it's all night on ESPN Radio..." **(KK-VA)** *Ex-WFBR, and a few other calls over the years. They apparently obtained this three-letter legacy call fairly recently. It wasn't grandfathered from the 1920s. Mike.*
- KEY STATION OF THE BLUE NETWORK

WJZ

770 on your dial
- 1320 **WJAS** PA **Pittsburgh** - 7/26 0055 – in mix with oldies including Bee Gees "How Deep Is Your Love" and Herb Alpert "Lonely Bull". ToH ID: "Pittsburgh's great music station is 13-30 WJAS. It's 1 o'clock" into CNN news, station promo "Lay back and enjoy more great music on 13-20 WJAS". **(KK-VA)**
- 1330 **WSPQ** NY **Springville** - 7/25 0055 – in mix with WBTM and WETZ. Song "We Didn't Start the Fire". "13-30 WSPQ" ID into Beatles "Across the Universe". **(KK-VA)**
- WBTM** VA **Danville** - 7/25 0055 – in WSPQ/WETZ mix with PSA about getting exercise, station promo "... on 13-30 WBTM" into Supremes "Keep Me Hanging On". **(KK-VA)**
- WETZ** WV **New Martinsville** - 7/25 0055 - mixing with WBTM and WSPQ, Mike Harvey oldie show with songs from the 1970's. Jingle "Mike Harvey WETZ". **(KK-VA)**
- 1340 **WROD** FL **Daytona Beach** – 6/24 1809 – good, steady signal with slogan "music that makes you feel good", nostalgia format, "AM 1340, WROD" ID. **(IEN-GA)**
- WSTV** OH **Steubenville** - 7/24 0055 – in graveyard mix with typical ESPN Radio programming, ID as "You're listening to WSTV ESPN Radio 13-40 AM..." **(KK-VA)**
- WQSC** SC **Charleston** – 7/23 1114 – Blues, oldies, and beach music. Weak, but steady signal. Slogan "1340, WQSC, the Boardwalk". **(IEN-GA1)**
- 1350 **WARF** OH **Akron** - 7/23 0055 – in mix with typical Fox Sports programming, ID as "WARF Akron 'Fox Sports' 13-50". **(KK-VA)**
- 1370 **WSPD** OH **Toledo** - 7/20 0055 – in mix with WWCB and other talk stations, station promo, "the tea party continues on news talk 13-70 WSPD. WSPD Toledo radio super power" into Fox news, slogan "right on the dial, right on the issues. News talk 13-70 WSPD" into Coast to Coast AM. **(KK-VA)**
- WWCB** PA **Corry** - 7/20 0055 - mixing with WSPD, playing oldies including "Build Me Up Buttercup" by the Foundations, "AM 13-70 WWCB" ID. **(KK-VA)**
- 1380 **CKPC** ON **Brantford** - 7/18 0055 – in mix with WKDM, Eagles song "I Can't Tell You Why" ends, "AM 13-80 CKPC" ID, station promo: "You're listening to the best variety of country music on AM 13-80 CKPC" into Charlie Rich song "Behind Closed Doors". **(KK-VA)**
- WKDM** NY **New York** - 7/18 0055 – SS programs in mix with CKPC, "WKDM New York" legal ID by man in EE, then back to Spanish. **(KK-VA)**
- WPHM** MI **Port Huron** - 7/26 0532 - Very poor with local news, "Good morning from WPHM newsroom, I'm Bill Gammers (not sure of spelling)." NEW! **(SC-IN)**
- 1390 **WEGP** ME **Presque Isle** - 7/16 0055 – in WRSC/WNIO mix with local weather "...WEGP weather watch...". **(KK-VA)**
- WRSC** PA **State College** - 7/16 0055 - Mixing with WEGP and WNIO, "... you're listening to WRSC..." ID. **(KK-VA)**
- WNIO** OH **Youngstown** - 7/16 0055 – in WEGP/WRSC mix with oldies including Billy Joel's "Piano Man", station promo "Best music...WNIO...". **(KK-VA)**
- WOHS** NC **Shelby** – 7/17 2130 – C&W music, nice ID and promos for C&W and mentions of Shelby, fair in mix. First time heard since these calls moved from 730. **(DY-WV)**
- 1410 **KQV** PA **Pittsburgh** - 7/12 0055 – in mix with station promo, "Greetings to our listeners in London England... KQV dot com...stay in touch with Pittsburgh..." into woman with news. (Geez, I was hoping announcer was acknowledging DX from Great Britain!) **(KK-VA)**
- 1420 **WAOC** FL **St. Augustine** – 6/24 1811 – Sports call-in show. Good, steady signal. "ESPN 1420" slogan. **(IEN-GA)**
- WHK** OH **Cleveland** - 7/11 0055 – in mix with station promos "...weekdays from noon to 3 (repeated). News, talk 14-20 WHK", "Cleveland's choice for intelligent talk is news talk 14-20 with Will Bennett mornings 6 to 9". **(KK-VA)**
- 1430 **CHKT** ON **Toronto** - 7/9 0055 – ethnic programs in mix with ESPN and talk stations, ID by man in EE: "This is AM 14-30 CHKT Fairchild Radio Toronto". **(KK-VA)**

- 1440 **WHKZ** **OH Warren** - 7/8 0055 - religious programming in mix with ESPN station, "AM 12-20 'The Word'" slogan (// WHKW-1220). Call in about temptations. **(KK-VA)**
- WGIG** **GA Brunswick** - 6/24 1735 - Very good strong signal with local current affairs show, ID as "Real Radio 1440, WGIG Brunswick". **(IEN-GA)**
- 1470 **WWBG** **NC Greensboro** - 7/24 2325 - Call letters by woman with Spanish-accented EE, into a real mix of music, mostly SS but some EE (e.g., Lady Gaga), same music audible on // WTOB-1380, fair with WTZE, sports talker. **(DY-WV)**
- WTZE** **VA Tazewell** - 7/25 0000 - Coast to Coast AM (rerun of Art Bell), joint ID for WHIS-1440 and WTZE-1470, fair with WWBG, sports talker. Allegedly a daytimer. **(DY-WV)**
- 1480 **WGFY** **NC Charlotte** - 7/6 0055 - in mix with typical Radio Disney programming. Kids talking and music. "...Radio Disney... where you..." station promo. **(KK-VA)**
- WCNS** **PA Latrobe** - 7/6 0055 - in mix with WGFY and SS station, playing oldies including "My Girl" by the Temptations. WCNS.com website ID and station promo: "America's best music and the Pittsburgh Pirates. My radio 14-80 WCNS" into "Groovin'" by the Rascals. **(KK-VA)**
- 1510 **WLAC** **TN Nashville** - 7/4 0055 - in mix with "...WLAC... from the Fox Sports studios in Los Angeles..." into sports results, then into Fox news with usual "Fox news radio, fair and balanced" slogan, "the 15-10 WLAC forecast" local weather into Coast to Coast AM and station promo "Go to WLAC dot com for instant traffic, news and weather on demand...Fox radio 15-10 WLAC". **(KK-VA)**
-  **WRRD** **WI Milwaukee** - 8/3 2030 - presumed with SS sports talk, ad for Verizon. No ID or mentions of ESPN Deportes. **(JC-DE)**
- 1520 **WHIM** **FL Apopka** - 6/24 1821 - Call-in show. Good signal with fades. "1520, the Fish" slogan. **(IEN-GA)**
- KRHW** **MO Sikeston** - 7/31 2237 - Oldies music, ID, poor in WWKB phase null. **(DY-WV)**
- 1540 **KXEL** **IA Waterloo** - 7/3 0055 - in mix with CHIN with station promo "...news...on the radio...KXEL..." into weather forecast, "News talk 15-40 KXEL" ID into "Midnight Radio Network" call in show. **(KK-VA)**
- CHIN** **ON Toronto** - 7/3 0055 - in mix with KXEL, China Radio International news and "China Drive" program in EE, ToH announcement "...CRI...China...15-40 AM Toronto... the following programs..." **(KK-VA)**
- 1550 **WNZF** **FL Bunnell** - 6/24 1827 - Mark Levin show. Good signal with fades. "Newsradio WNZF" and "News Flagler WNZF" slogans. **(IEN-GA)**
- WDLR** **OH Delaware** - 7/11 2315 - SS music, "La Qué Buena 15-50" ID and Ohio mentions, good with CBE, WMRE. I believe WAZX is no longer Qué Buena. **(DY-WV)**
- 1570 **WNCA** **NC Siler City** - 8/1 2030 - in SS with Latin music, EE announcement "Time for the Information Report on WNCA". **(JC-DE)**
- 1600 **WZNZ** **FL Atlantic Beach** - 7/24 1100 - Newt Gingrich interview, and TOH ID. Good, steady signal. "WZNZ, AM 1600, Atlantic Beach". **(IEN-GA1)**
- WKZK** **SC North Augusta** - 8/2 2146 - Very poor with slogan "Sunshine 103-7 WKZK AM & FM Gospel Music". NEW! **(SC-IN)**

# *International DX Digest*

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**Foreign DX Catches. All times are UTC**

If you've been giving your ears a break from DXing, now's the time to return to the radio. The best DX conditions of the year typically occur mid-August through November.

## **Transatlantic DX**

- 531 **SPAIN RNE5** synthros JUL 16 0200 - Man in Spanish, pips, music fanfare, then news by woman; poor. [Connelly-MA]
- 549 **ALGERIA Chaîne 1**, Les Trembles (35°17'N 0°34'W) JUL 16 0130 - Woman in Arabic; through WDEV slop. [Connelly-MA]
- 585 **SPAIN RNE1** Madrid (40°28'N 3°52'W) JUL 16 0201 - News by man in Spanish; poor to fair. [Connelly-MA]

- 603 **FRANCE** *France Info*, Lyon-Tramoyes (45°53'N 4°57'E) JUL 16 0130 - Parallel 1206 with Elvis Presley vocal, fanfare music, woman in French; fair. [Connelly-MA]
- 639 **SPAIN** *RNE1 La Coruña* et al. JUL 16 0200 - Parallel 531 with "informativo" mention, then woman in Spanish; poor. [Connelly-MA]
- 747 **CANARY ISLANDS // SPAIN** *RNE5* synchros JUL 16 0130 - Man and woman in Spanish; poor. [Connelly-MA]
- 756 **GERMANY** *Deutschlandfunk*, Braunschweig & Ravensburg JUL 16 0159 - Classical music, then man in German; poor. [Connelly-MA]
- 765 **SWITZERLAND** *RSR Option Musique*, Sottens (46°39'N 6°44'E) JUL 16 0100 - Dreamy music, then news by man and woman in French; fair. [Connelly-MA]
- 774 **EGYPT** *Middle East Radio*, Abis (30°45'N 30°57'E) JUL 16 0200 - Koranic male vocal; over Spain. [Connelly-MA]
- 819 **EGYPT** *ERTU* Batra (31°09'N 31°27'E) JUL 16 0130 - Male a cappella Arabic vocal; fair. [Connelly-MA]
- 837 **FRANCE** *France Info*, Nancy (48°53'N 6°14'E) JUL 16 0129 - Parallel 1206 with Elvis Presley vocal; poor. [Connelly-MA]
- 945 **FRANCE** *France Info*, Toulouse (43°21'N 1°20'E) JUL 16 0150 - Man in French parallel 1206; just over WGIN IBOC. [Connelly-MA] AUG 1 0045 - Good; talk parallel 1206 kHz. [Conti-NH]
- 981 **ALGERIA** *RTVA Chaîne 2*, Algiers (36°40'N 3°09'E) JUL 16 0102 - News by man in French; poor. [Connelly-MA]
- 999 **SAUDI ARABIA** *BSKSA R.Quran*, Tabuk JUL 16 0100 - Koranic vocal; fair / dominant. [Connelly-MA]
- 1089 **UNITED KINGDOM** *TalkSport* synchros JUL 16 0030 - English discussion, excerpt of a play-by-play broadcast; poor, over Angola 1088 het. 0159 sports report mentioning Liverpool; fair, over unID station with tolling bells (Russia?). [Connelly-MA]
- 1107 **SPAIN** *RNE5* synchros JUL 16 0100 - Pips, *R.Nacional de España* ID, news by man and woman; poor to fair, best on LSB to dodge 1107.12 growl. [Connelly-MA]
- 1179 **CANARY ISLANDS // SPAIN** *SER* synchros JUL 16 0150 - Spanish teletalk; poor. [Connelly-MA]
- 1206 **FRANCE** *France Info*, Bordeaux (44°57'N 0°11'W) JUL 16 0030 - Woman in French; fair. Signal got stronger later. [Connelly-MA]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros JUL 16 0059 - AC-DC "Highway to Hell." 0159, Who "I Can See For Miles" from '67; fair to good. [Connelly-MA]
- 1242 **FRANCE** *France Info*, Marseille (43°16'N 5°18'E) JUL 16 0030 - Parallel 1206 with woman in French; poor to fair on USB, over WBUR slop. [Connelly-MA]
- 1305 **SPAIN** *RNE5* synchros JUL 16 0200 - Spanish news by woman, then man; poor. [Connelly-MA]
- 1377 **FRANCE** *France Info*, Lille (50°31'N 2°59'E) JUL 16 0150 - Man in French; to good peak with WMYF nulled. [Connelly-MA]
- 1413 **OMAN** *BBC World Service*, A'Seela AUG 3 0058 - Presumed; Mid-Eastern sounding music and singing mixing with *RNE* Spain. EMWG shows programming in Dari at this time. Recorded; fair. [Black-MA]
- 1422 **ALGERIA** *R.Algérienne*, Algiers (36°40'N 3°09'E) JUL 16 0031 - North African dance-club music with heavy drumming; good. [Connelly-MA] AUG 1 0100 - Good; 5+1 pips, fanfare into news in French. Likely Germany pips heard underneath. [Conti-NH]
- 1431 **DJIBOUTI** *R.Sawa*, Arta (11°31'N 42°50'E) JUL 16 0049 - Mideast dance music with heavy percussion; poor. [Connelly-MA] AUG 1 0050 - Good s8, equal to nulled 1430 WKOX but with deep fades; contemporary vocals, 0059 *R.Sawa* ID. [Conti-NH]
- 1458 **UNITED KINGDOM** *Sunrise Radio*, Brookmans Park AUG 3 0000 - Man with ID, "This is Sunrise Radio" and *Sunrise Radio* jingle, then woman into news. Recorded; fair-good. [Black-MA]
- 1494 **CORSICA** *France Bleu*, Bastia (42°47'N 9°24'E) JUL 16 0031 - Female French vocal; fair. [Connelly-MA]
- 1512 **SAUDI ARABIA** *BSKSA* Jeddah (21°15'N 39°10'E) JUL 16 0030 - Koranic male vocal; to good peak over WWZN slop. [Connelly-MA]
- 1521 **SAUDI ARABIA** *BSKSA* Duba (27°20'N 35°45'E) JUL 16 0030 - Arabic talk by man; monster-loud, strongest TA. [Connelly-MA]
- 1557 **FRANCE** *France Info*, Fontbonne (43°46'N 7°25'E) JUL 16 0030 - Parallel 1206 with woman in French; to good peak. [Connelly-MA]
- Pan-American DX**
- 670 **CUBA** *CMQ R.Rebelde*, Arroyo Arenas (23°00'N 82°30'W) JUL 16 0150 - Parallel 1180 with two men in Spanish; poor to fair. [Connelly-MA]



- 750 **VENEZUELA** YVKS RCR Caracas (10°29'N 67°00'W) JUL 16 0149 - "Informacion para todo Venezuela," then talk about how they have the latest sports and news; good. [Connelly-MA]
- 760 **PUERTO RICO** WORA Mayagüez JUL 16 0130 - Spanish discussion of Puerto Rico local issues; fair/dominant. [Connelly-MA]
- 780 **BRITISH VIRGIN ISLANDS** ZBVI Roadtown, Tortola JUL 16 0100 - Caribbean-accent English talk; briefly atop jumble. [Connelly-MA]
- 800 **NETHERLANDS ANTILLES** PJB *TransWorld Radio*, Bonaire (12°06'N 68°17'W) JUL 16 0100 - Hymn, then preaching in Spanish; over CHRC, VOWR, CJAD, WNNW jumble. [Connelly-MA]
- 820 **ST. KITTS & NEVIS** TBN/R.*Paradise*, Charlestown (17°08'N 62°37'W) JUL 16 0030 - preacher; fair over WNYC and two hets, 819.0 Egypt and 819.529 unID. 0058 high-energy black preacher; good. [Connelly-MA]
- 840 **HAITI** *Radio 4VEH*, Cap Haitien JUL 16 0100 - Man in French with religion; poor to fair, dominant. [Connelly-MA]
- 870 **CUBA** CMDT *R.Reloj*, Sancti Spíritus (21°56'N 79°26'W) JUL 16 0150 - Reloj news, ticks, beeps; under WLVP. [Connelly-MA]
- 940 **MEXICO** unID AUG 2 1144 - Latino pop/juvenil music; canned "Radio Sur California" slogans after every one or two songs; at 1157 a time check for "6:00" (3 minutes fast); one more song was followed by anthem at 1203, then a time check at 1206 for "6:02" (4 minutes slow), followed by more music. Based on time of day, loop direction, and slogan, I would guess this is XEMMM Mexicali, but the MDT time checks don't jive. Hope I can ID this before local 950 KRWZ turns their IBOC back on. [Wilkins-CO] XERLA Santa Rosalía BCS?
- 950 **CUBA** *R.Reloj*, La Habana & Mayari Arriba JUL 16 0150 - News, ticks, beeps; mixed with domestics. [Connelly-MA]
- 960 **CUBA** *R.Reloj*, multiple sites JUL 16 0150 - Reloj news, beeps; under WEAV. [Connelly-MA]
- 960.145 unID JUL 16 0150 - Het, no audio. [Connelly-MA]
- 1100 **BRAZIL** ZYK694 *R.Globo*, São Paulo (23°32'S 46°37'W) JUL 16 0150 - Man with reverberated Portuguese talk; under WTAM. [Connelly-MA]
- 1110 **VENEZUELA** YVQT *R.Carúpano*, Carúpano (10°40'N 63°18'W) JUL 16 0100 - "En Venezuela, Carúpano," then female vocal; atop WBT and others. [Connelly-MA]
- 1170 **MEXICO** XEIB Caborca, Son JUL 16 1130 - Full ID (except call letters) with slogan "La Primera," frequency, power (5000 watts), address (Av. 13 de julio) and telephone numbers; more banda music followed. Fair in null of KFAQ, which was fading away. [Wilkins-CO]
- 1180 **MEXICO** XEDCH Cd. Delicias, Chih (28°13'N 105°29'W) JUL 18 1103 - National anthem; human rights PSA at 1104, then full ID with call letters, power (5000 watts), location, and slogan ("Romántica Once Ochenta"), followed by mellow música romántica. Fair peaks with interference. [Wilkins-CO]
- 1220 **BRAZIL** ZYJ458 *R.Globo*, Rio de Janeiro (22°55'S 43°13'W) JUL 16 0031 - Fast Portuguese sports talk, Globo mentions; over domestics. [Connelly-MA]
- 1390 **MEXICO** XERW León, Gto JUL 25 0950 - In the mix with *Grupo Fórmula* talk programming. ID just prior to the hour with *R.Fórmula* slogan and callsign for parent station in network 970 XERFR. [Vance-TX]
- 1470 **MEXICO** XERCN Tijuana, BCN (32°30'N 116°58'W) JUL 25 1158 - Tail-end of talk program; 1200 ads and program notes; full ID at 1203: "XERCN, Radio Hispana Catorce Setenta con diez mil wats de potencia..." Also gave address (Gen. Marquez de León 950 Zona Río); more ads and PSAs followed. Fair, mixing with others. [Wilkins-CO]
- 1530 **MEXICO** XESD León, Gto JUL 1 0150 - Coming in with "Número 1 León, Los Cuarenta Principales" and "SD AM" announcements nearing the hour followed by local concert announcement before falling under KGBT Harlingen, Texas. [Vance-TX]
- 1540 **MEXICO** XEHOS Hermosillo, Son (29°03'N 111°01'W) JUL 5 0300 - Fair in a mix of noise and interference de 1 Spanish and 1 English; ID on the hour followed by a series of station announcements for "La estación de los grande," "Uniradio Informa," and "La Poderosa 1540," then back into norteños. Frequent "La Poderosa 1540" and "La estación de los grande" proclamations as this one stayed for awhile. [Vance-TX]
- 1550 **MEXICO** XENU Nuevo Laredo, Tamps JUL 11 0158 - Poor under KIVA Albuquerque; full ID just after the hour including "La Rancherita" slogan, then back into ranchera music. Caught later ID announcing "cinco mil wats de potencia" and using "quince-cincuenta AM" slogan frequently. Turned out to be the dominant station later in the evening after KIVA changed to nighttime power. [Vance-TX]
- 1580 **MEXICO** XEDM Hermosillo, Son JUL 30 1200 - Came up and over KMIK Tempe with ID. No callsign heard but did use "La DM... (word unintelligible)... AM..."



Announcement also contained address, power (10 kW), affiliation (Grupo ACIR); then back under KMIK. That word after "La DM" did not sound like "noticias" so I can't say the slogan is still "DM Noticias." [Vance-TX]

### Contributors

Chris Black, Fort Hill MA; Microtelecom Perseus, terminated Delta.

Mark Connelly WA1ION, Rockport MA; Perseus operated with MSI Wind U100 netbook, cardioid-pattern Micro-SuperLoop on car roof, square, 2 m per side, with 9:1 xfmr on east bottom corner to speaker wire to 2:1 xfmr to W7IUUV transfer amp, and 9:1 xfmr on west corner to speaker wire to 500 ohm null-adjust potentiometer.

Bruce Conti, Nashua NH; SDR IQ, 7 x 19.5-m variable termination Split SuperLoop at 60°, 15 x 23-m variable termination north/south SuperLoop.

Robert Vance, El Paso TX; WinRadio G303e/PD, 12 x 9-ft unterminated corner-fed north-south loop, 3 sq meter amplified air loop.

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

**RadioHispana**  
**1470AM**

### International News

**IRELAND:** "Welcome to Europe's newest AM radio station! Broadcasting on 1251 kHz MW, 6960 kHz SW, and around the world on atlanticradio.ie!" 1251 testing in AM Stereo. [www.atlanticradio.ie] "In 2008 launched as an Internet station, with the intention of broadcasting on the AM band like the good old days! In 2009 we started broadcasting on 1251 kHz MW (250 watts) and 6960 kHz SW (100-300 watts)." [Atlantic Radio Facebook page]

**SPAIN:** 828 KISS FM Catalunya, ex-SER R.Terrassa. [Play-DX via Christer Brunström, ARC Info Desk] 900 COPE Alta Extremadura, Plasencia (relay). Probably 5 kW. Apparently so far with no official permit. [Jordi Brunet via Christer Brunström, WRTH via ARC Info Desk]

73 and Good DX!

## *DX Tool Box*

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### Shared tips and information from NRC members, both new and old

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 19.

This column we will be looking at the Non-Directional Beacons or (NDB). An NDB is a radio transmitter at a known location, used as an aviation or marine navigational aid. The NDB signal can be affected by many things especially atmospheric conditions, particularly at long range. This makes them heard further afield than they were intended to be heard for their purpose and therefore very DX'able. NDB's continue to be one of the most widely-used radio navigational aids around the world. NDB's are used mostly for aviation and operate on a frequency between 190 kHz and 1750 kHz, although normally all NDBs in North America operate between 190 kHz and 535 kHz. You can find many non-North American beacons in the 530 to 1750 kHz frequency range.

The North American NDB's are categorized by power output as follows:

Low power rated at less than 50 Watts.

Medium from 50 Watts to 2,000 Watts.

High being over 2,000 Watts.

The latter are very rare with most falling in the low and medium power ranges.

NDBs typically have two or three letter callsigns. Some of these may reflect their location, or sometimes they are just a random callsign. Each NDB is identified by a one, two, or three-letter Morse Code callsign. In Canada, and other parts of the world some of the identifiers may include numbers creating an alpha-numeric or numeric-alpha style callsign such as:

204 ZQR Regina SK

221 9A Hanna AB

275 AV St Andrews MB

274 GWR Gwinner ND

This callsign is transmitted in slow Morse Code, repeated every few seconds, at about 1 kHz (nominally 1020Hz,) by US beacons, or sometimes 400Hz (particularly in Canada) in straightforward AM (Amplitude Modulation - just like AM broadcasters). Sometimes (especially in Canada, France and elsewhere) a long 'dash' fills the space between the Morse callsigns. This long dash is called a DAID

- Dash After ID. In some countries the signal is sent as plain CW with no AM-like carrier. But in North America, NDBs are AM or AM derivative. You can see the web site of the month below to get a good listing of what you might hear.

If you are in need of a Morse Code listing to use here is a list of all numbers and letters used by the NDB's worldwide:

A .-	E .	I ..	M --	Q --.-	U ..-	Y -.-	2 ..---	6 -....
B -...	F ..-.	J .---	N -.	R .-	V ...-	Z ---.	3 ...--	7 ---..
C -.-.	G --.	K -.-	O ---	S ...	W .--	Ø --	4 ....-	8 ----.
D -..	H ....	L .-..	P .-.	T -	X -.-	1 .----	5 .....	9 ----.

You may also find some stations that are not only sending their Morse Code Identifier but also weather reports for the airport they are located near. This is a Transcribed Weather Broadcast or TWEB. These are even harder to get, but if you are up for a challenge I highly recommend it.

When I DX these stations I put my radio into the Single Side Band mode. This SSB mode on most receivers is more sensitive and will use a narrower filter to help you DX these low powered stations. This is like one big Graveyard set of frequencies with all the stations running low power. Yet even with this low power it is amazing how far the signals travel. To get used to what you might hear try tuning during daylight hours. This will give you a feel for the band and the signals that are apt to be "pests". Then after you are comfortable with this try it at night. The first thing will notice in the number of stations you can hear goes way up. I have managed to hear over 370 of these stations and I do not DX the NDB's full time. There are DX'ers who dedicate themselves to this type of DX'ing and have heard well over 1500 stations.

So go out and see what new DX you might find just below or above the usual BCB frequencies.

#### Bits and Bites from the NRC listserv:

From: **Greg Shoom** Subject: MONTREAL TRIP I don't think the Canadian government is encouraging stations to move off AM. The general move from AM to FM is happening because the station owners themselves want to make the move. In most Canadian markets, the FM band is where all the action is, and therefore is where the listeners are. My former hometown of Kingston, Ontario is a good example. A couple of years ago when I was there I did a bandscan of FM using my car radio. I counted at least 17 FM stations with decent quality signals. This is in a city with a population of about one hundred thousand. A lot of these signals were from other nearby towns (like Watertown, NY) but still there's a lot of choice on FM. Meanwhile on AM there were just two stations, both playing mouldy oldies. Being on AM in these cities is like being the last occupant in an old mall when everyone else has moved across town to a new one. So it wasn't a surprise that those two AM stations eventually moved to FM two years ago. It's a different story in Canada's biggest cities. Here in Toronto, we're actually getting new AM stations (I think three have been added in the last decade), because the FM band is almost totally saturated. I doubt that any of Toronto's AM stations will be moving to FM. There's nowhere for them to go there. What I expect to actually happen in Canada is for AM to become concentrated in a few large markets (Toronto, Vancouver, Montreal), and to disappear most everywhere else. This is probably why the government doesn't want to surrender any of the Canadian clear channel allocations, as they probably expect that they'll be needed in a few years in these large cities. Greg S.

**Frederick Vobbe** wrote: What gets me is that the Canadian government is encouraging stations to move off AM, some are turning in their licenses, yet the government will not allow US licensees to seek use of the frequencies. For example, if CHYR-710 is off, and has no interest in going back, then why not let someone stateside use 710?

On 6/28/2010 1:14 PM, **Pete Taylor** wrote: 1. CKGM-990 - not a great signal in town. Something readable under but I didn't hang around long enough to see if it was Rochester or CBW. 2. I find it interesting that a country which is losing AM stations coast to coast embraces use of the X-band. 600, 690 and 940 are just sitting there while 1610, 1650 and 1690 are not exactly saturating the marketplace. (I vaguely recall 1410 has been applied for). QUEBEC CITY - only one AM station left, CHRC-800. Amazing. CHICAGO - we were at a hotel in Northbrook. No particular catches; just surprises for someone not familiar with the market (750 loud, 1200 and 1690 weak, etc.)

This month's DX Tool Box web site is:

<http://www.classaxe.com/dx/ndb/rna/>

This is the RNA beacon log listing site as run by Martin Francis. The web site is for North America but at the top of the page you can click on Europe or Worldwide to expand your list. There is also choices of what kind of beacons you want to have displayed:

DGPS,  
 Ham (including Lower experimental stations)  
 NAVTEX  
 Time  
 NDB  
 And a catch all "Other".

This should be a big help in ID'ing those stations you may hear just below and or above the Broadcast band. These are for the most part Morse Code or digital stations. One thing of note, the stations you find on this list have been heard by one or more DX'ers. It is not a list of stations that might be on but of ones that are or have been heard by fellow DX'ers. I found it a great site to help ID many stations I had heard over the years that had been UNID but are now in my logbook.

73 for this time Shawn. Remember: On A Clear Day You Can Hear Forever

## 7.5" Plug-in Loopsticks for the Tecsun PL-360 Model A Unique Opportunity for Great Stand-Alone AM Sensitivity – With No Radio "Surgery"

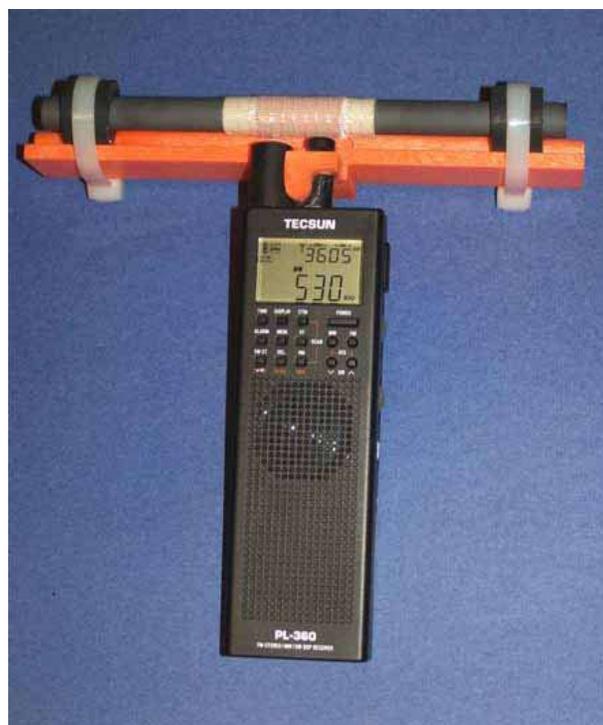
*By Gary DeBock*

Introduction The new Tecsun PL-360 AM-LW-FM-SW receiver was probably not intended by its Chinese manufacturer to be one of the more DX-capable receivers in its product line. With a very compact (6" x 1.8" x .7", or 153 x 47 x 17 mm) vertical-form cabinet, relatively short ( 15.5", or 40 cm) whip antenna and lack of a direct-entry keypad, the emphasis seems to be on portability and simplicity. Although powered by the same Si4734 DSP chip as the PL-310 and PL-380 models, the DSP filtering is fixed at the 3 kHz level, and the model's "soft mute" threshold is set at the same (less-than-optimum) level as in the PL-300WT and PL-310 models. Although the model does have full LW coverage, the user will look in vain for any LW selection key on the front panel. Finally, the 1.5" (37 mm) speaker won't win any audio awards.

In keeping with this Spartan design philosophy, the Tecsun engineers designed a unique plug-in loopstick system for the AM and LW bands, allowing the cabinet to be even more compact. As might be expected, the plug-in loopstick is meager indeed, with a size quite small even by Ultralight radio standards (60 x 10 mm). Despite the wildly optimistic label printed on its plastic enclosure ("High Sensitivity AM Antenna"), this midget loopstick leaves an AM-DXer truly unimpressed, providing AM and LW sensitivity significantly below that of any Tecsun DSP Ultralight radio tested to date.

Although the PL-360 in stock form will never thrill a serious AM-DXer, the plug-in loopstick design does offer a unique opportunity for those hobbyists desiring greatly improved AM sensitivity without the need to perform any radio modification. Assuming that an effective 7.5" loopstick could be designed to plug in to the PL-360 in place of the mediocre stock antenna, non-technical hobbyists could enjoy a very competitive stand-alone DXing portable-- without the need to perform any radio "surgery," or even open up the PL-360 cabinet. This potential is unique in the Ultralight radio class, and provided a fascinating challenge to design, refine and construct such 7.5" plug-in AM and LW loopsticks for deserving DXers.

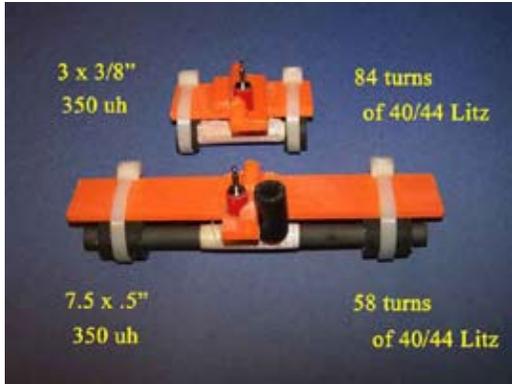
The Design Challenge Electrically, it is a very simple matter to wind a coil on a long ferrite bar and solder the connections to a plug-in jack. For this project to be successful, however, a shock-resistant, mechanically secure system would be necessary to protect the loopstick, and the long loopstick frame would need a locking mechanism to avoid rotation in the PL-360 plug-in jack. The weight of the 7.5" loopstick and frame would be excessive for the plug-in jack alone, and would need to be divided using at least one other support attachment. Finally, the entire contraption would need to be aesthetically tolerable, despite the fact that it would be longer than the entire PL-360 cabinet! The project seemed like quite a mechanical challenge— but considering the



potential benefits to non-technical DXers, worthy of a serious experimental effort.

The Intermediate Design—A 3" x 3/8" Loopstick To make progress toward the final design objective, a 3" loopstick was constructed and secured on a simple plastic frame, complete with a Radio Shack 1/8" phone plug glued in a perpendicular hole. Although this initial loopstick was primarily a practice project, it did provide a significant improvement in AM sensitivity over the PL-360 stock antenna, and establish some guidelines for coil inductance and orientation in the final 7.5" plug-in loopstick.

A 48" orange carpenter's level (made by Ace Hardware, and sold for \$11) yielded various loopstick frame pieces, including the simple 4" plastic section used for this 3" loopstick. A 350 uH coil composed of 84 turns of 40/44 Litz wire was wound on a 3" x 3/8" type 61 ferrite bar from the Amidon Corporation (<http://www.amidoncorp.com>), on a base of Johnson & Johnson 2" waterproof tape. The coil leads were soldered to a Radio Shack 1/8" phone plug, which was glued inside the perpendicular 10mm hole in the frame. No provision was made to avoid loopstick rotation in this simple design, which was not intended to be a final DXing antenna.



The 350 uH coil inductance was obtained by winding the maximum number of 40/44 Litz wire coil turns on the ferrite bar's limited length, while reserving some space for two rubber shock mounts. Because this 3" loopstick did provide good tracking across the AM frequencies and a significant boost in AM sensitivity over the stock loopstick, the 350 uH coil inductance and center-bar coil orientation were duplicated in the subsequent 7.5" loopstick experimentation. This would avoid the need to re-tune the PL-360 when the plug-in loopsticks were switched during the recording of relative strength MP3's (a quirk of the Si4734 DSP chip, which requires such re-tuning in order to provide the best AM sensitivity whenever there is a significant change in antenna inductance).

Building the 7.5" Loopstick For those hobbyists desiring to mount their PL-360 7.5" plug-in loopstick on a different frame system, construction procedures are given for the loopstick itself. A 7.5" x .5" type 61 ferrite bar from the Amidon Corporation is used, as well as about 12 feet of 40/44 Litz wire, and 2" wide Johnson & Johnson waterproof tape as a thin coil form.



After cutting a 2" square piece of J & J waterproof tape, wind the tape tightly at the center of the ferrite bar (adhesive side out). When tightly wound, the tape edges will overlap, and stay firmly in place. Leaving about 6" of Litz wire on each end for connections, begin winding the 58 turns of 40/44 Litz wire tightly on the tape base, starting 3.2" (78 mm) from either end of the bar. After winding the coil (which should provide an inductance of about 350 uH), cut 2" long horizontal strips of Scotch brand "Extreme" strapping tape to completely cover the coil turns (this will make the loopstick relatively waterproof). Solder your loopstick coil connecting leads to the 1/8" phone plug connecting terminals, and mount the finished 7.5" loopstick on the frame of your choice, ensuring that rubber shock mounts are used to protect the loopstick from bumps, and provide excellent insulating qualities for the best electromagnetic performance. The author uses 1" long sections of 5/8" I.D. rubber air hose for shock mounts, with 1/2" long back vinyl inserts to hold the bar itself. The rubber shock mounts are secured with heavy-duty plastic tiewraps in the author's system. For those who are interested in a fixed frame system for indoor use, John Bryant described various plywood mounting systems for 7.5" loopsticks in our joint E100 Slider article, which is posted at <http://www.mediafire.com/?nqggfm2jymc>.

7.5" Loopstick Mechanical Challenges The author's contemplated portable loopstick/frame assembly would not only be longer than the PL-360 cabinet itself, but would have enough weight to rotate freely in the PL-360 antenna jack, similar to a large ham radio antenna on a tower with no brake system. The long ferrite bar would need serious protection from shocks and bumps, and the loopstick frame would also need to provide access for MP3 recordings from the PL-360's headphone jack (located only about 12 mm from the loopstick plug-in jack on the top panel, of course). As if these challenges were not enough, it would also be necessary to provide a system where the 7.5" loopstick could be plugged in and operating while the whip antenna (only 12 mm from the loopstick plug-in jack, on the side opposite the headphone jack) was extended, to receive SW parallels. Initially, the combination of these multiple mechanical challenges made even the viability of the project seem doubtful.



**Solving the Mechanical Challenges** The key to avoiding unwanted loopstick rotation was gluing a 3/8" I.D. rubber hose section to the loopstick frame, strategically placed to fit precisely over the PL-360 whip antenna tip (see photo at right). This not only stopped loopstick rotation, but provided a weight-sharing system to reduce stress in the loopstick plug-in jack. A rectangular slot cut in the loopstick frame allowed access to the headphone jack for MP3 recordings, and the same slot could be used for whip antenna extension whenever the loopstick frame was plugged in while facing the back of the radio (see photo at left). Two sections of cut plastic would be used for the frame, one of which was an 8" long section used to secure the 7.5" ferrite bar with two rubber shock mounts, and the other was a short 2" piece used to secure the perpendicular Radio Shack 1/8" phone plug, and the 3/8" rubber hose locking system designed to fit over the whip antenna tip. The two plastic pieces would be glued together in a frame system which would be parallel with the top of the PL-360 cabinet, hopefully with enough aesthetic appeal to be tolerated by AM-DXers eager for exotic loggings.



**Build Your Own 7.5" Plug-in Loopstick for the PL-360** For those DXers with experience in close-order construction (woodworking, etc.), building the entire project (loopstick and author's frame system) is well within your grasp. Good eyesight and experience with power tools is helpful, as well as is patience. DXers without such advantages will probably find the project quite demanding—proceed at your own risk.

Using a power miter saw, cut an 8" long section of frame material from a 48" plastic carpenter's level (as shown in the photo at right). Each 48" level will yield at least four of these 8" sections, as well as enough scrap material for all the shorter frame pieces (sufficient to make four complete loopstick frames). After cutting the 8" long frame pieces, using a 3/8" drill with a bubble level indicator, drill 3/8" perpendicular holes in the remaining scrap pieces of the 48" level, with the pilot holes about 9 mm from the right edge of the flat sections. Allow at least 3" of space between the holes, so that the short frame sections of 1.5" x 2" can eventually be cut with the miter saw (see photo below).



The 3/8" perpendicular holes in the short frame pieces will need slight filing to accommodate the Radio Shack 1/8" phone plug plastic housing sections, which is a good opportunity to ensure that the drill holes are exactly perpendicular. Ensure that the hole is exactly perpendicular by temporarily holding the 8" long plastic frame section on the back of the short frame section, then plugging the Radio Shack plug (inside the hole) into the PL-360 jack. The 8" long loopstick frame section should be exactly parallel with the PL-360's cabinet top. If it is not, repeat the procedure using a different short frame section, with a different (hopefully perpendicular) hole. Ensure that the hole is exactly perpendicular before gluing the plug housing to the plastic frame hole, or your loopstick frame will eternally be tilted at an angle.

Superglue the short (1.5" x 2") phone plug plastic piece to the 8" long loopstick frame plastic piece, ensuring that the short piece is exactly centered in the middle of the long piece (see photo at right). Using a hacksaw, cut away enough of the short plastic piece to allow MP3 recordings from the PL360's headphone jack when the loopstick is plugged into the radio, and also cut away a slot to allow mounting of the 3/8" I.D. rubber air hose to fit over the whip antenna tip (as a locking mechanism and shock mount for the loopstick frame assembly). It will be necessary to file away a curved mounting slot prior to gluing the rubber air hose to the plastic frame, and this should be done precisely, so that when the loopstick is plugged into the PL-360 the entire antenna will remain parallel to the PL-360's top surface, and remain secure and "locked," regardless of the angle of usage (even upside down). Use superglue (or an equally strong adhesive) to secure the rubber air hose to the plastic frame.



Referring to the loopstick construction section above, complete the coil winding procedure and secure your loopstick on the completed plastic frame, using the suggested rubber shock mounts to protect the ferrite bar.

**Transformation in PL-360 Performance** As might be expected, the replacement of the PL-360's midget stock loopstick with the 7.5" upgrade completely transforms the PL-360's AM-DXing capability, making it a very competitive portable indeed. A DXer can enjoy AM sensitivity equivalent to that of the finest traditional portables, as well as DSP-provided selectivity superior to those classic portables.

Using a spare PL-360, relative performance tests were run using the PL-360 stock antenna and the 7.5" upgrade loopstick, during the recording of five fringe stations around local noon here in Puyallup, WA. In each MP3, the stock antenna receives the fringe station for the first 10 seconds, then the

7.5" loopstick receives the same station for the last 12 seconds:

Station Stock Loopstick RSSI/ S/N 7.5" Loopstick RSSI/ S/N MP3

620-KPOJ (150 miles) 17/00 (weak) 30/05 (moderate) <http://www.mediafire.com/?wjdn1ebzzu>  
 750-KXL (150 miles) 25/00 (inaud.) 35/00 (weak-mod.) <http://www.mediafire.com/?lyymzlkdjzz>  
 1030-KMAS (30 miles) 27/11 (mod.) 46/21 (strong) <http://www.mediafire.com/?tmymtmcngny>  
 1380-KRKO (80 miles) 22/00 (weak) 32/03 (strong) <http://www.mediafire.com/?imjmi3jmkn>  
 1650-TIS (10 miles) 27/00 (weak) 32/03 (strong) <http://www.mediafire.com/?zzqnwlelmn2>

Project Success! The 7.5" plug-in loopstick was designed for DXers who wished to enjoy the thrilling DX available from a highly sensitive loopstick, but who were reluctant to perform any radio modifications. Based upon the author's experience with the Ultralight Radio enthusiast group, it was known that many active DXers were in this category.

After details of the successful 7.5" plug-in loopstick design were promulgated in the ULR group, the author had the privilege to take orders from 25 different enthusiasts, all eager to try out this highly sensitive loopstick in their own PL-360 models. A mini-factory was assembled to handle the serious demand, and 7.5" LW-optimized models were also constructed. The entire experience has been one of the most enjoyable radio projects ever undertaken by the author, who greatly appreciates the chance to help other DXers in a practical way.

Current efforts are focusing on optimizing the LW-oriented loopsticks, and adapting the Tecsun PL-380 models to accept these same 7.5" plug-in loopsticks. With the superior DSP filtering and less distracting "soft mute" function of the PL-380, these highly sensitive loopsticks should provide thrilling TA and TP-DXing opportunities for those DXers using that model. It looks like a very exciting fall season is shaping up!

73 and Good DX, - Gary DeBock (in Puyallup, WA, USA)



## *Musings of the Members*

**Dave Schmidt** [NRCMusings@aol.com](mailto:NRCMusings@aol.com)  
 P. O. Box 126  
 New Freedom, PA 17349-0126

Times are local per Muse; submit double-spaced only.

Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

**Bob Harrison - 166 Renner Avenue Union, NJ 07083 <MisterHarrison@comcast.net>**

Hello to everyone. I haven't DX-ed in the past ten years or so, but I've kept up my membership in the NRC because *DX News* always seems to have something interesting. John Malicky's wonderful tribute to Slim Bryant of KDKA in the last issue really caught my eye. Slim never had a nationwide hit on the weekly *Billboard* charts, but in August of 1948, when DJ's were asked by *Billboard* magazine to pick their favorite records of the past 12 months, a Slim Bryant record was listed among the top records of the year. Looking through the radio and music sections of *Billboard* magazines of that time period, it is striking to see that nearly all radio stations included a great deal of variety in their formats, with public affairs programming, local newscasts, network feeds, classical music and "hillbilly" music included on many stations. I'm particularly interested in the "hillbilly" side of things, and have noticed that KDKA was certainly not alone among the clear-channel stations in having a slot for such programming. Other clear-channel stations with such offerings included WLS, WOWO, WLW, WRVA, and of course, WWVA and WSM, where live Saturday night country music fare continued into the twenty-first century. The old *Billboard* magazines also contain some surprises. For example, WFIL in Philadelphia had a live, Saturday night country music show that was carried on the ABC radio network. And in metropolitan NYC, at least five different stations carried country music weekly, including WOV with Rosalie Allen, who claimed to be the first female DJ of any genre on radio. So where is radio today? This past weekend I was engaged in a conversation with an elderly gentleman and two young college students. I asked if any of them played a musical instrument, and the elderly man said, "Yeah, I play the radio." The two students snickered, and one asked sarcastically, "What's a radio?" And they laughed some more. Today, alas, radio is not simply ignored by young people; it is an object of their derision. And deservedly so, I'm afraid. I plan a little automobile trip westward on Interstate 78 and southward on Interstate 81 in the next month or so, and I'll be scanning the AM dial to see if there is any hope out there in the hinterlands. Watch for a report in September. Meanwhile, good listening, if you can find it!

## Network listings for college sports stations

There has been some news about conference re-alignments over the past month, mainly about Colorado jumping to the Pac-10 and Nebraska going to the Big-10. These changes take place in July, 2011. I don't think there would be much change in radio networks due to these changes, but you never know! If there were, any such changes probably would not take place until 2011.

Right now, it looks like the Big-12 is going to survive in a stripped-down 10-team conference. There has been some talk of the SEC maybe raiding the ACC for as many as 4 schools (Virginia Tech, Maryland and maybe two more). I just can't imagine Maryland playing Mississippi State every year!

This time, we start with schools starting with "S". The networks listed are assumed to be for football and men's basketball unless otherwise noted. Flagships are in bold.

**SAGINAW VALLEY STATE CARDINALS**, University Center MI, Great Lakes Intercollegiate Athletic Conference

100.9 WLUN-MI (basketball)

**ST BONAVENTURE BONNIES**, Olean NY, Atlantic Ten

1280	WHTK - NY	1300	WXRL - NY	1450	WHDL - NY	95.7	WPIG - NY
(basketball)		(basketball)		(basketball)		(basketball, some base-	ball games)

**ST. CLOUD STATE HUSKIES**, St. Cloud MN, Northern Sun Intercollegiate Conference

1450	KNSI-MN	88.1	KVSC-MN	99.9	KCML-MN
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**ST. JOSEPH'S PUMAS**, Rensselaer IN Division II Independent

90.5 WPUM-IN

**ST JOSEPH'S HAWKS**, Philadelphia PA, Atlantic Ten

990 WNTP-PA

**SALISBURY UNIVERSITY SEAGULLS**, Salisbury MD, Empire 8 Conference (football), Capital Athletic Conference (other sports)

1320 WICO-MD

**SAMFORD BULLDOGS**, Birmingham AL, Southern Conference

91.1	WVSU-AL	97.5	W268BH-AL	98.3	WTXO-AL	105.9	WFXO-AL
92.5	WXJC-AL	(translator of WVRV-	101.5	WVRV-AL			
95.5	WFMH-AL	101.5)					

**SAN DIEGO STATE AZTECS**, San Diego CA, Mountain West Conference

1360 KLSD-CA

**SAN JOSE STATE SPARTANS**, San Jose CA, Western Athletic Conference

1460	KION-CA	1590	KLIV-CA
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**SHIPPENSBURG UNIVERSITY OF PENNSYLVANIA RED RAIDERS**, Shippensburg PA, Pennsylvania State Athletic Conference

88.7 WSYC-PA

**SOUTH CAROLINA GAMECOCKS**, Columbia SC, Southeast Conference

1130	WFXH-SC	1400	WGTV-SC	93.5	WDOG - SC	103.1	WRIX-SC (plus
1150	WSNW-SC	1400	WSPG - SC	(plus baseball)		baseball)	
1240	WKDK - SC	(plus baseball)	93.7	WALI-SC	103.5	WSNW-SC	
(plus baseball)	1410	WPC - SC	93.7	WSIM-SC	105.1	WGFG-SC	
1250	WTMA - SC	(plus baseball)	95.5	WIBZ-SC	107.1	WRHM-SC	
(baseball)	1460	WBCU-SC	96.7	WBZT-SC	107.3	WVSZ-SC	
1300	WKSC-SC		99.5	WRNN-SC	107.5	WNKT - SC	
1350	WLMA - SC	92.7	WKSX-SC	102.7	WPUB - SC	(plus baseball)	
(plus baseball)	92.9	WZLA-SC	(plus baseball)				

**SOUTH DAKOTA COYOTES**, Vermillion SD, Great West Conference

1240	KCCR-SD	1490	KORN-SD	93.1	KKYA - SD	102.7	KYBB-SD
1450	KYNT-SD	91.1	KAOR-SD	(women's basketball)			

**SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY (SD) HARDROCKERS**

920 KKLS-SD

**SOUTH FLORIDA BULLS**, Tampa FL, Big East Conference

620	WDAE-FL	1220	WSRQ-FL	1320	WBOB-FL	1460	WZEP-FL
640	WMEN-FL	1250	WHNZ-FL**	1380	WELE-FL	1590	WPSL-FL
660	WORL-FL	1300	WBNQ - FL	1450	WSTU-FL		
770	WWCN-FL	(Spanish football)		1450	WWJB-FL	93.3	WGWD-FL
970	WFLA-FL**						

**SOUTHEAST MISSOURI STATE REDHAWKS**, Cape Girardeau, MO, Ohio Valley Conference

930	KWOC-MO	1220	KGIR - MO	1380	KSLG-MO	1470	KMAL-MO
		(women's basketball)		1400	KSIM-MO	102.9	KEZS-MO

**SOUTHERN ILLINOIS SALUKIES**, Carbondale IL, Missouri Valley Conference

810	WDDD - IL	1380	KSLG-MO	1490	WFFX-IL (se-	97.3	KYRX-MO
(women's basketball)		1460	WFM B - IL	lected games)		102.3	WEBQ-IL
920	WMOK-IL	(partial schedule)		95.3	WRXX-IL	105.1	WVZA-IL
1230	WHCO-IL			97.3	WRUL-IL		

**SOUTHERN METHODIST MUSTANGS**, University Park TX, Conference USA

770	KAA M - TX	1310	KTCK - TX	104.1	KTDK - TX
(men and women's bas-		(football)		(football)	
ketball)					

**SOUTHERN MISSISSIPPI GOLDEN EAGLES**, Hattiesburg MS, Conference USA

990	WABO-MS	1590	WZR X - MS	96.7	WFFF-MS	105.1	WQJQ-MS
1260	WGVM-MS	(also baseball)		100.7	WDMS-MS	105.5	WABO-MS
1390	WMER-MS			102.3	WWSL-MS	105.7	WAKH-MS
1440	WRBE-MS	91.7	WAOY-MS	104.5	WXRR-MS	106.9	WRBE-MS
1490	WHOC-MS						

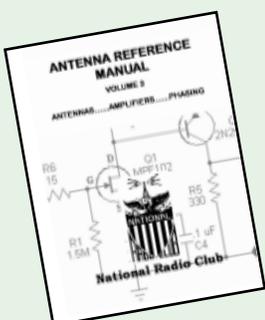
**STANFORD CARDINALS**, Palo Alto CA, Pac-10

710	KFIA-CA	1350	KBID-CA	1380	KTOM-CA	1440	KVON-CA
910	KNEW-CA	1380	KHJJ-CA	1380	KWJL-CA	1520	KVTA-CA
920	KPSI-CA						

**SYRACUSE ORANGEMEN**, Syracuse NY, Big East Conference

620	WVMT-VT	(also lacrosse, women's		1450	WENI-NY	97.7	WTLA - NY
790	WTNY - NY	basketball)		1520	WWKB-NY	(also lacrosse, women's	
(also lacrosse)		1230	WENY-NY	1550	WCGR-NY	basketball)	
810	WGY-NY	1240	WGVA-NY	1570	WFLR-NY	99.5	WTKW-NY
970	WNYM-NY	1330	WEBO-NY	1590	WAUB-NY	100.1	WSGO - NY
1050	WYBG-NY	1410	WNER - NY	1590	WGGO-NY	(also lacrosse)	
1160	WPIE-NY	(also lacrosse)				101.5	WXHC-NY
1180	WHAM-NY	1420	WACK-NY	96.9	WOUR-NY	105.5	WTKV-NY
1200	WTLA - NY	1440	WSGO - NY			107.9	WEBO-NY
		(also lacrosse)					

## Antenna Reference Manual, Volume 3



A compilation of 17 articles on antennas, phasing impedance matching, and RF amplification for medium wave DX'ers, some of the articles were published in *DX News* between 1999 and 2004. 8 1/2" X 11" bound book format. NRC member price: \$11.95; non-member price \$16.95; overseas customers, please contact us for exact price. Canadian orders: PayPal or postal M. O. only. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)



## It's a weekend full of radio fun in upstate New York Friday, Aug. 27 - Sunday Aug. 29!

**WHERE?** Rochester, New York, within a day's drive of almost anywhere in the north-east or midwest. Our host hotel, the Brookwood Inn, sits along the historic Erie Canal in the quaint village of Bushnell's Basin, just east of Rochester and a few freeway exits off the New York State Thruway (I-90).



**WHAT'S GOING ON?** If you're in town on Thursday night (Aug. 26), we'll have an informal welcome dinner and a Rochester Red Wings baseball game if there's interest. (Please contact Scott Fybush, [scott@fybush.com](mailto:scott@fybush.com), to sign up for Thursday events!)



On Friday, we'll get started in the morning with a full roster of Rochester station tours - plus a live broadcast of Bob Smith's 1370 Connection talk show at WXXI, Rochester's public radio/TV station, where DX and radio will be the topic of the day and some NRC/DXAS members will be guests. (Everyone else gets to watch from the next studio!)

After the tours, we'll head out to the home of NRC's Jim Renfrew for an informal BBQ dinner and DX session.



Saturday morning starts with DX seminars featuring some of the top names in the hobby. After lunch, it's a tour of the fantastic Antique Wireless Association Museum in nearby Bloomfield. (The meeting room will be open all weekend for those not going on

the tours!)

Saturday night is banquet time. We've got a great buffet lined up at nearby Mario's Italian Restaurant, where our speaker will be WXXI radio's Bob Smith, who'll talk about his long career in both commercial and public radio at stations such as WHEN, WBEN and WKBW. Then it's back to the Brookwood for the business meeting and the annual auction.



On Sunday, we've got the famous DX Quiz in the morning before we all go our separate ways.

**FUN FOR THE FAMILY!** There's plenty to do in greater Rochester for spouses and kids, too. Lisa Fybush is coordinating family activities Friday and Saturday; contact her at [lisa@fybush.com](mailto:lisa@fybush.com) for details.

**MAKE YOUR RESERVATION NOW!** Rooms at the Brookwood Inn are available at a special NRC rate of just \$65/night (plus tax) for up to four people in a room - but you have to register by July 26. Room availability is limited, especially for Thursday night arrivals, so don't wait until the last minute to make your reservations.

Breakfast is included in the \$65 rate, and there's free parking and a free shuttle to the Rochester airport and the train and bus stations available. (Advance notice is required for pickup!)

To make your reservation, call the Brookwood Inn at 800-396-1194 or 585-248-9000 and be sure to say you are part of the National Radio Club group.

**REGISTER NOW, TOO!** Registration for the weekend is just \$55. That includes two meals - both Friday and Saturday night dinner - plus snacks in the convention room and your convention program. Send your check (payable to National Radio Club) to Greg Coniglio, 11825 Genesee Street, Alden NY 14004 - or go online at [nrndxas.org](http://nrndxas.org) and use PayPal. Registrations are due by August 1.

**BRING US YOUR AUCTION ITEMS!** The Saturday night auction is always a highlight of the NRC Convention, and this year's will be no different. But we need your help to make it a good one. Got an old radio you're not using? A stack of vintage NRC Logs or DXN issues? Send them along to Greg Coniglio, 11825 Genesee Street, Alden NY 14004 - or just bring them to the convention in August!

**SHARE YOUR KNOWLEDGE!** Do you have a DX specialty? Maybe you've become an expert on ultra-light radios, or longwire antennas, or perhaps you've got a story to share about a DXpedition you've been on. Share your expertise at our Saturday morning seminars! Contact Jim Renfrew at [jrenfrew@rochester.rr.com](mailto:jrenfrew@rochester.rr.com) to sign up for a slot on the schedule.



Your Rochester-Western New York Convention Committee  
 Scott Fybush - Lisa Fybush - Jerry Bond  
 Greg Coniglio - Rick Lucas - Jim Renfrew

## National Radio Club

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The National Radio Club includes NRC Publications, DX News, e-DXX, and DX Audio Service:

- NRC Publications - Wayne Heinen, Manager - P. O. Box 473251 - Aurora, CO 80047-3251; <sales@nrcdxas.org>. (What to send: \$ for Publications/Reprint Orders, subscription payments, sample requests).

- DX News - Publisher/Editor - Paul Swearingen <plsbcdxer@aol.com> - 2840 SE Illinois Ave. - Topeka, KS 66605-4711; 785-224-6907 [leave voice mail]. (Contributions to *DX News* only)

DX News yearly subscription (30 Issues): (send checks/money orders to National Radio Club - P. O. Box 473251 - Aurora, CO 80047-3251) U. S. Address: U\$33.00; Canadian Address: U\$43.00; all other countries: U\$57.00. Subscription or delivery problems? Contact Wayne at <sales@nrcdxas.org> or his street address above.

- DX Audio Service - Fred Vobbe, Publisher/Producer - 706 Mackenzie Drive - Lima, OH 45805-1835, 360-382-1957 (recordings for the Audio Service; \$ for subscriptions; DXAS address changes)

**National Radio Club, Inc.**

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- e-DXX.com: To subscribe: Access the e-DXX web site <http://e-dxn.com> and then follow the indicated links to register: +\$5.00 if you're already a DXN or DXAS subscriber; \$15.00 to non-subscribers.

- Payment options for any item: US funds only: check, money order, or credit card (via PayPal: access <www.nrcdxas.org> ONLY and follow the links), or cash only at your risk. (Out of USA: Postal MO or PayPal Only; *NO checks*.)

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***National Radio Club.***

*DX News* is printed by Benjamin Printing, Inc. - 311 State St. - Watertown, NY 13601

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