

DX News

Serving DX'ers since 1933



Volume 72, No. 29 - August 15, 2005 (ISSN 0737-1659)

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Station Test Calendar

WNAR PA 1620 daily 0300-0304

WNAR-1620 (Lansdale, PA) Box 18 - Tylersport, PA 18971-0018 will be conducting a DAILY DX TEST at 0300 ELT until further notice. The test will consist of code ID's. Reception reports with RETURN POSTAGE can be sent to David McCrork. WNAR operates with a power of 100 MILLI-WATTS! (The station was heard almost 5 miles from Lansdale on a recent trip to the area so it does get out very well). Test arranged by Dave Schmidt, NRC.

From the Publisher . . . We're pleased to feature the debut of two new column editors and announce two more in this issue. Greg Harris has agreed to revive "For Beginners" and will be soliciting your input on DX techniques . . . John Callarman is sharing his memories in "Memory Dredging and will be asking you how you got started in DX, your stories to be featured as part of his column . . . Blaine Thompson will be the new editor of "DX'er's Notebook" . . . and finally Bruce Conti has volunteered to take over NRC Contests from Wayne Heinen. Also volunteering is Jim Renfrew, who will attempt to navigate dangerous political waters in compiling an NRC DX country list.

If you've wondered what has been happening with e-DXN, NRC's online version of *DX News*, you'll need to attend the NRC convention at Kulpsville to be the first to know . . . but of course if you are tied up that weekend, you can still get all the details in the September DXN.

Note to all editors and contributors: NO contributions to DXN sent in the body of an e-mail can be accepted any more, as "hidden" characters in the body screw up the .pdf copy used to print DXN. I have to retype the entire body of copy when you send me text in e-mail; no, thanks.

NRC 2005, Kulpsville . . . Convention chairman Dave Schmidt has announced more activities for the NRC convention, September 2-5.

Friday night: Slide & Sound show: "AM Radio in Tampa Bay, and just what IS Tampa Bay?"

Saturday morning: Tour of WFIL-560 and WNTF-990.

Saturday afternoon: Open Time — display of radio newspapers and magazines from the 1920s,

including books of call letter histories*

Saturday evening: Annual Club Meeting with announcement of 2006 Convention, and auction.

Sunday morning:

9 AM Candy Quiz. Radio station questions will be called out. The first person to answer will get wrapped candy thrown to him. The questions are easy, so you have to be quick.

9:30 AM — Review of upcoming DX Audio Service Travellog. Recordings of stations at 930 on the dial west of the Mississippi will be played and comments from attendees about each recording will be solicited. The results will be scripted for the October DX Audio Service.

10:15 AM — The Official 2005 DX Quiz composed by Frank Merrill. This means Frank can't be the winner this year! The winner gets a free membership for a year in the National Radio Club.

Sunday afternoon: 1:00 PM — Dave Marthouse, "Managing a small station in a Small Town."

3:00 PM — Ben Dangerfield, "Philadelphia Radio during World War II."

Sunday evening: Banquet and speaker, Dave McCrork who has found two ways of broadcasting legally without an FCC license.

Remember, reserve your room with the Best Western "The Inn at Towamencin" - 1750 Sumneytown Pike - Kulpsville, PA 19443 (Lansdale) Phone: 215-368-3800, 800-277-3615 (reservations only); rooms are \$75 per night (mention the National Radio Club for this rate), and room

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DX Time Machine

From the pages of DX News:

50 years ago . . . from the August 13, 1955 DXN: Morton Schlessinger, New York City, reported his 4th and 5th countries verified: #4 Puerto Rico (WISO via Air Mail letter), and #5 Cuba (CMQ with a green-and-white QSL card).

25 years ago . . . from the August 11, 1980 DXN: John Callarman announced that the AM Log would be a bit late, but he hoped to have it out by Labor Day.

10 years ago . . . from the August 14, 1995 DXN: Bob Harrison's "Chicagoland Call Letter History appeared in this issue of *DX News*."



AM Switch

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

Bill Hale w_r_hale@sbcglobal.net
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North Richland Hills, TX 76180-5552



CALL LETTER CHANGES

Old Call	New Call
710 WQKI	SC St. Matthews
740 WGSM	NY Huntington
790 KOOR	CA Clovis
970 WRKN	MS Brandon
970 KTRW	WA Spokane
1050 WACR	MS Columbus
1160 WZFN	AL Saraland
1190 KMYL	AZ Tolleson
1210 KDDS	WA Auburn-Federal Way
1230 WLFH	NY Little Falls
1250 WQXA	PA York
1260 KSUR	CA Beverly Hills
1310 WCMS	VA Norfolk
1320 WAMR	FL Venice
1340 KIDS	MO Springfield
1430 WRTH	MO St. Louis
1490 WUBR	MI Whitehall
1490 KVAC*	WA Forks
1510 KMZT	CA Piedmont
	WPOG#
	WNYH#
	KFPT
	WZQK#
	KTTO#
	WTWG
	WKTT
	KNUV
	KWVG
	WIXT
	WYYC#
	KKGO
	WGH #
	WDDV
	KADI
	WIL [An old, familiar call returns, as they switch from Music of Your Life to Classic Country]
	WODJ
	KBIS
	KPIG

* Call correction from last issue

Change requests. Change is contingent upon sale of station or FCC action.

CPs ON THE AIR

750 KHWG	NV Fallon - Program Test Authority (PTA) granted for U7 7500/250 CH 7500.
930 WLSS	FL Sarasota - CP for U4 5000/3000 is on the air.
1030 WONQ	FL Oviedo - Has been reported to be testing their new rig for their CP for U2 44000/1700. Fulltime operation cannot be far behind.
1030 WEBS	GA Calhoun - CP for U4 5000/3 is on the air.
1060 KRCN	CO Longmont - CP for U1 30000/111 is on the air. The new 195' daytime tower is at N40-16-51 W104-56-25 while the nighttime signal continues to emanate from the old site at N40-11-28 W105-07-35.
1150 WJRD	AL Tuscaloosa - CP for U2 20000/1000 is on the air. WJRD still has a pending application to move the CoL to Northport, Alabama.
1150 WHBY	WI Kimberly - Has been reported to either be testing, or on their CP for U4 20000/25000 from their new 6-tower site at N44-08-20 W88-32-46.
1240 WOBT	WI Rhinelander - PTA granted for U1 950/1000, relocating the transmitter to N45-37-42 W89-23-38. Their new tower is 400' tall, with the bottom 200' being a folded unipole 'skirt'.
1270 WYXC	GA Cartersville - CP to increase daytime power to become U1 2000/187 is on the air.
1270 KAJO	OR Grants Pass - CP for their upgrade to U1 10000/48 is on the air.
1330 WEBY	FL Milton - PTA granted for a daytime power upgrade and relocation of the transmitter. WEBY is now U5 25000/79 from N30-31-05 W87-04-56 using three in-line towers. The bulk of the pattern goes due west. The nighttime 79 Watts is still transmitted from the old single tower site at N30-37-12 W87-01-21.
1340 WITS	FL Sebring - CP to move to a new 217' tower at N27-30-30 W81-25-20 is on the air.
1340 KSGT	WY Jackson - PTA granted for KSGT to move to an existing 183' tower at N43-27-45 W110-47-37, remaining U1 1000/1000.
1350 WKCU	MS Corinth - CP for U1 900/44 is on the air.

KAYO

1450 AM & 99.3 FM

1390 KFFK	AR Rogers - PTA granted for U1 5000/30 from a new tower at N36-23-18 W94-11-34.
1400 WPAY	OH Portsmouth - CP and PTA granted to decrease power to U1 800/800 from a new, taller tower (256') at N38-43-22 W83-00-05.
1410 KHCH	TX Huntsville - PTA granted to move from 1400 kHz with U1 250/7 from the new location of N30-42-54 W95-31-42.
1470 WBFC	KY Stanton - CP for U1 850/82 is on the air.
1520 WDMN	OH Rossford - CP for City-of-License (CoL) change from Toledo is on, with U4 500/400 from new 3-tower site at N41-30-32 W83-33-07.
1540 WBIN	TN Benton - CP for U1 1000/4 CH 500 is on the air from adjusted coordinates of N35-10-50 W84-38-34.
1620 WNRP	FL Gulf Breeze - CP for U1 10000/1000 is on with a country format. Originally, this station was in Atmore, Alabama, but after a series of applications and amendments it has landed here. The transmitter is in Pensacola, Florida at N30-26-12 W87-13-13.

GRANTS TO EXISTING FACILITIES

550 KTRS	MO St. Louis - Coordinate adjustment to N38-39-45 W90-07-43.
560 WGAI	NC Elizabeth City - Coordinate adjustment to N36-20-16 W76-14-49.
910 WFDF	MI Flint - Licensed for U4 5000/1000, WFDF received an earlier CP for an upgrade to U4 50000/1000 with the day facility from a new 8-tower site about 50 miles south of Flint, while retaining the night site to cover the city-of-license. WFDF then filed for, and now has been granted, a CP for U4 50000/19000 with a change in CoL to Farmington Hills, Michigan from the 8-tower site at N42-03-57 W83-23-39.
800 KPDQ	OR Portland - CP granted for U2 1000/600.
950 WORD	SC Spartanburg - Coordinate adjustment to N34-58-53 W81-59-14.
960 WGGT	FL North Palm Beach - CP granted for U5 1200/250.
1050 WBRG	VA Lynchburg - CP granted to increase daytime power to become U1 4000/98.
1150 WRUN	NY Utica - Application granted to convert station to non-commercial status.
1150 KAGO	OR Klamath Falls - Coordinate adjustment to N42-12-56 W121-47-51.
1230 KZTS	WA Sunnyside - CP granted to move here from 1210 kHz with U1 700/700.
1270 KEPS	TX Eagle Pass - CP granted to increase the height of the tower to 280' to accommodate their FM station KINL. This will necessitate a decrease in daytime power. But, they are now authorized to add nighttime service. When operational, KEPS will become U1 890/32 at the adjusted coordinates of N28-43-57 W100-29-34.
1310 WGSP	NC Charlotte - CP granted to erect a second tower in order to add night service. When built, WGSP will be U2 5000/240.
1340 WCMI	KY Ashland - CP granted to increase power to be U1 1000/1000.
1360 WKAT	FL North Miami - CP granted for U4 50000/5000 from new 5-tower site at N25-57-36 W80-16-13.
1380 KQKD	SD Redfield - CP granted to change from commercial to non-commercial.
1400 KTMC	OK McAlester - Coordinate correction to N34-56-58 W95-46-01
1430 KMRB	CA San Gabriel - Application reinstated and CP granted to add one tower to their array in order to increase power levels to become U4 50000/9800. Due to the addition of that tower, the center point coordinate is adjusted to N34-07-08 W118-04-54.
1460 WRVK	KY Mount Vernon - CP granted to increase daytime power to become U1 1200/93.
1490 WOLF	NY Syracuse - CP granted to discontinue daytime directional operation. WOLF is now U1 1000/1000.
1530 KGBT	TX Harlingen - CP granted to make slight changes in their night pattern and to correct the coordinates to N26-22-33 W97-53-43.
1560 KKAA	SD Aberdeen - CP granted to change from commercial to non-commercial.
1600 KRVA	TX Cockrell Hill - Application reinstated and CP granted for U4 25000/930.

GRANTS TO PENDING FACILITIES

1680 WTTM	NJ Lindenwold - CP granted for a change in CoL from Princeton and for U1 10000/1000 from an already-standing tower at N39-53-16 W75-00-05 in Camden, New Jersey.
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GRANTS FOR NEW STATIONS

1560 NEW WA Burbank - CP granted for U4 10000/1600 from a 3-tower site at N46-10-11 W119-01-32.

APPLICATIONS FROM EXISTING FACILITIES

860 WFMO NC Fairmont - Applies to increase power levels to become U4 50000/750 from four new towers, and relocate the station to Conway, South Carolina.

940 WYLD LA New Orleans - Coordinate correction to N29-53-57 W90 00-17.

970 WWDJ NJ Hackensack - Currently licensed as U4 5000/5000, WWDJ has applied for some changes. The Engineering Exhibit clearly states they are filing for an increase in day power to 6 kW. No other changes are proposed on this document. The filed application on Form 301 with an assigned file number of BP 20050719AHN states 6 kW days and 3.8 kW nights. And all on-line data says U4 6000/3800. WWDJ has been operating under an STA since they moved to, and duplexed into, the WWRV-1330 three-tower array back in 2000. Although officially they are still licensed for 5 kW nights, in actual practice the STA requires them to reduce to 3.8 kW as a compromise to using towers in a pre-existing configuration. Since they couldn't move the towers around to produce the exact nulls of their previous antenna system, 3.8 kW was the most they could use and still maintain the required protection to other stations. Now they are seeking to increase day power and make the 1330 site their permanent home. This will, in effect, cancel the STA and make their 3.8 kW night STA power their licensed power since the STA will go away. They will no longer be licensed for 5000/5000, but using 5000/3800 watts as an STA, they will become licensed as 5000/3800. In actuality, it won't change a thing from present practice, but only make the STA the licensed facility with slightly higher day power. Unfortunately, there is no on-line reference for any STA actions.

1190 WIXE NC Monroe - Applies to add night service as U1 5000/70 CH 5000.

1230 KSIX TX Corpus Christi - Applies for a coordinate correction and to reduce the tower height.

1270 WRLZ FL Eatonville - Applies to increase daytime power to become U4 25000/5000. They propose adding one additional tower to their array.

1270 WXGO IN Madison - Applies to change the CoL to Aurora, Indiana with D3 330/0.

1270 WQKR TN Portland - Applies to reduce day power while adding night service from a new transmitter site. If approved and built, WQKR will become U4 500/59.

1310 WHEP AL Foley - Applies to add night service as U1 2500/48.

1330 WKTA IL Evanston - Applies to increase night power to become U4 5000/52 by adding two towers to their standing four.

1460 KDWA MN Hastings - Relocation of tower site. Station will remain U1 1000/41.

1460 WDOG SC Allendale - Applies to change the CoL to Barnwell, South Carolina with U1 320/45.

1490 KEUN LA Eunice - Applies to change their CoL to Pineville, Louisiana and move to a new transmitter site. They will remain U1 1000/1000.

1510 WSQD PR Lajas - Applies to change CoL to San German, Puerto Rico.

1550 KWBC TX Navasota - Applies to change the CoL to College Station, Texas with U2 1300/900.

1580 WBCP IL Urbana - Applies to reduce their power levels to be U1 135/6. The reduced power is necessitated as they share a tower with WLRW-FM, which has applied to increase the height of the tower from 373 to 413'.

1590 WATX TN Algood - Applies to move to 1600 kHz and reduce both day and night power levels to become U1 800/34.

AMENDMENTS TO CONSTRUCTION PERMITS SUBMITTED

770 WEW MO St. Louis - Licensed for D1 1000/0, WEW has a CP to increase daytime power and add night service as U4 10000/205 by adding a second tower to their present site. This amendment decreases the night power by FIVE Watts, and proposes a new two-tower site which reduces overlap with WBBM-780.

1080 WHOO FL Kissimmee - Licensed for D3 10000/0, WHOO has a CP to increase day power and add CH operation as D4 10000/0 CH 10000, along with an application to change CoL to Winter Park with U7 27000/2000 CH 4000. This amendment requests U7 19000/190 CH 10000 back at Kissimmee.

1250 WNEM MI Bay City - Licensed for U4 1000/129, WNEM has a CP to change their CoL to Bridgeport with U4 5000/1100. This amendment requests U4 5000/129 from Bridgeport.

1280 WNAM WI Neenah-Menasha - Licensed for U4 5000/5000, WNAM has a CP for U4 50000/5000. This amendment modifies the new day pattern so as to lessen the overlap with the proposed power upgrade of adjacent-channel WMKT-1270.

1370 KWTL ND Grand Forks - Licensed for U1 1000/250, KWTL has a CP for U1 1000/280. This amendment requests U1 1000/270.

1530 KZNX TX Creedmoor - Licensed for D4 10000/0 CH 1000, KZNX has a CP to add night service as U7 10000/12 CH 1000. This amendment now requests U7 10000/220 CH 1000.

1560 KILE TX Bellaire - KILE is licensed for D1 800/0. They have a pending CP for D3 50000/0, plus an amendment requesting U4 50000/5000. This application is for a (temporary) night site from an existing communications tower, adding a folded unipole antenna attached to this tower with a ground system installed. This set-up is anticipated to be used during the application process of, and during construction of, the night operation as requested in the above application. If all of this is approved, this operation would result in U1 800/100 while the new 50000/5000 facility is built. Then the 100 Watt site would be used for auxiliary purposes only.

AMENDMENTS TO APPLICATIONS SUBMITTED

620 WKHB PA Irwin - Licensed for U1 5500/50, WKHB has a CP to increase their nighttime power to be U2 5500/250. They also have applied to change their CoL to Brentwood, Pennsylvania with U1 5500/50. This amendment requests U1 5500/50 CH 50.

630 WDGY WI Hudson - Licensed for U4 1000/2500, WDGY has applied to move their transmitter site to that of WCTS-1030 Maplewood, Minnesota, using three of their five towers with U4 1000/2500 while changing their CoL to St. Paul. This amendment requests U4 2500/2500 from that new site.

740 WMIN WI Hudson - Licensed for D3 1100/0, WMIN applied to increase their power to become D3 2500/0. The FCC replied that proposed signal would excessively overlap with that of a proposed (Auction 84) new station on 750 kHz in Duluth, Minnesota. This amendment alters one of the pattern's lobes in Duluth's direction.

770 WKFB PA Jeannette - Licensed for D1 750/0, WKFB has a pending to change the CoL to North Huntingdon, Pennsylvania. This amendment requests CH operation with 750 Watts be added.

820 WAIT IL Chicago - Licensed for D1 5000/0, WAIT has a pending application to change their city-of-license to Willow Springs, Illinois. This amendment proposes six new towers at a second site near Ridgewood, Illinois in order to become U2 5000/1500. The proposed night pattern directs all of the power directly toward Nipigon, Ontario (and away from WBAP). Nipigon is the site of a proposed new 820 facility with U2 1000/1000. WAIT's owners have completed a study of 18 frequencies, and they propose that the allotment of 820 kHz at Nipigon be changed to 770 Khz with U2 10000/1000, allowing WAIT to have 1500 Watts nights. If the Canadian Government does not allow this allotment change, WAIT would back off to a 900 Watt nighttime level with a slightly different pattern.

970 KHVN TX Fort Worth - Licensed for U1 1000/270, KHVN has two pending applications on the books. One is for U1 500/239 while this latest is for U1 600/245. Both applications request a CoL change to Bedford, Texas.

990 WLEE VA Richmond - Licensed for U1 1000/13, WLEE has applied to move to East Highland Park, Virginia with U4 4000/2000. This amendment adds CH 2000 to that application.

1160 WOYE FL St. Cloud - New station, not yet on the air, has a CP for U4 2500/500 and has applied to change the CoL on the permit to Kissimmee, Florida with U7 2500/500 CH 2500. This action has deleted the CH part of the application.

1280 WOWZ VA Appomattox - Licensed for D1 1000/0, WOWZ has a CP to increase daytime power and add nighttime service as U1 5000/58. They also have a

pending application to move up 10 kHz to 1290 with U1 6000/17 with a change in CoL to Roanoke, Virginia. This amendment requests U1 10000/17 on 1290 at Roanoke.

- 1360 WKAT FL North Miami - Licensed for U1 5000/1000, WKAT has applied to build a new 5-tower site in order to increase power to become U1 50000/5000. The FCC asked that the proposal be altered so as reduce daytime radiation toward co-channel CH2. This amendment includes that change.
1460 KHOJ MO St. Charles - Licensed for U3 5000/0, KHOJ had applied for U4 5000/85. This amendment requests U4 5000/350, by adding a tower to their standing three.
1490 WOLF NY Syracuse - Has deleted the part of its application for CH operation. The application now reads U1 1000/1000.
1560 KLTI MO Macon - Licensed for D1 1000/0, KLTI has a pending application to move to 660 kHz with U4 1000/25 with a CoL change to Springfield, Missouri. This amendment requests U4 1500/44 on 660 from Springfield.
1590 NEW AL Opp - Original Auction 84 application was for U4 500/240. This amendment requests U4 500/190.
1590 NEW NV Las Vegas - Original Auction 84 application was for U4 50000/4700. This amendment requests U4 8000/2000.

APPLICATIONS FOR NEW STATIONS

- 540 NEW WY Pine Bluffs - Applies for U4 900/700.
600 NEW NV Elko - Applies for U2 500/250.
660 NEW FL White Springs - Applies for U4 50000/250. White Springs is on US 41, just north of I-10 and a couple of miles east of I-75.
670 NEW VT Essex Junction - Applies for U7 50000/300 CH 20000.
770 NEW AL Saraland - Applies for U7 13000/690 CH 13000.
810 NEW MN Wilton - Applies for U4 1000/400.
890 NEW CO Fountain - Applies for U4 5500/500.
1020 NEW ID Kuna - Applies for U2 50000/20000. Kuna is about 10 miles southwest of Boise. It appears the transmitter site is at or near that of the day site of the new KDJQ-890.
1100 NEW TX Chapel Hill - Applies for U4 1000/250.
1160 NEW AK Chugiak - Applies for U1 30000/400.
1230 NEW GA Smithville - Applies for U1 1000/1000.
1240 NEW CO Carbondale - Applies for U1 1000/1000.
1340 NEW MT Huntley - Applies for U1 250/250.
1370 NEW WA Newport - Applies for U2 5000/350.
1400 NEW NV Tonopah - Applies for U1 1000/1000.
1410 NEW VA Midlothian - Applies for U4 360/360.
1490 NEW UT Spanish Valley - Applies for U1 1000/1000.
1560 NEW WA Burbank - Applies for U4 10000/1600.
1590 NEW TX Kerrville - Applies for U2 920/250.



APPLICATIONS REINSTATED

- 550 KLLV CO Breen - License renewal application.
650 NEW AZ Casa Grande - Application is for U4 250/250.
750 NEW NY Lansing - Application is for U4 2500/720.
890 NEW VA Exmore - Application is for U1 220/220 CH 220.
1550 NEW FL Bunnell - Application is for U2 9300/200.
1580 WVZN PA Columbia - License renewal application.

APPLICATIONS FROM EXISTING FACILITIES DISMISSED

- 1430 WFHK AL Pell City - Petitioned for license reinstatement.
1540 WRSM AL Sumiton - Petitioned for license reinstatement.

OTHER APPLICATIONS DISMISSED

- 770 NEW FL Nassau Village-Ratliff - This unbuil station has a CP for U4 50000/410 and later filed an amendment to change the CoL to Baldwin, Florida. The amendment has been dismissed.

PETITIONS FOR RECONSIDERATION FOR APPLICATIONS

- 1160 KNEI IA Waukon - [Late-filed] Renewal Application

- 1150 KUHD TX Port Neches - Renewal Application

OTHER MATTERS, LARGE AND SMALL

- 1460 KDWA MN Hastings - In February 2005, KDWA filed an application for a change in transmitter locations to a new 200' tower. The FCC followed up with a request for the required biennial station ownership report, saying it had not been filed. The station claimed they "... are a very small radio station that just doesn't have a budget for big attorneys. We thought that since nothing with the ownership has changed for over 12 years this report didn't need to be filed. We have found out that wasn't true. For that we are sorry and have and will file these reports in a timely manner". The report was filed and, it appears, the application is now back on track.

AUCTION 84 APPLICATIONS DISMISSED

- 1390 NEW FL Key West - Application for a new station has been dismissed at the request of the applicant.
1520 NEW NV Reno - Applicant requested U4 5000/3000.

LICENSE RENEWALS GRANTED (frequencies and calls at the time of application)

Table with 4 columns: Call letters, State, Frequency, and Power. Lists various stations such as KDFI TX Ferris, KCRS TX Midland, KLVI TX Beaumont, etc., up to 940 KSWM MO Aurora.

1380	KHEY	TX	El Paso	1450	KCYL	TX	Lampasas	1520	KHIT	TX	Hallettsville
1380	KMUL	TX	Muleshoe	1450	KMIIT	TX	Marshall	1530	KZNX	TX	Creedmoor
1380	KFUL	TX	Pleasanton	1450	KNET	TX	Palestine	1530	KGBT	TX	Harlingen
1390	KULP	TX	El Campo	1460	WXOK	LA	Baton Rouge	1530	KCLR	TX	Ralls
1390	KBEC	TX	Waxahachie	1460	KTFW	TX	Burleson	1540	WDRF	SC	Woodruff
1400	KRUR	TX	Ballinger	1460	KHRZ	TX	Freeport	1540	KGBC	TX	Galveston
1400	KBYG	TX	Big Spring	1460	K'WM	TX	Hondo	1540	KEDA	TX	San Antonio
1400	KUNO	TX	Corpus Christi	1460	KIBO	TX	Lubbock	1540	KZMP	TX	University Park
1400	KHVB	TX	Galveston	1470	KYYW	TX	Abilene	1550	KKLE	KS	Winfield
1400	KGVL	TX	Greenville	1470	KDHN	TX	Dimmit	1550	KWVC	TX	Nivasaota
1400	KHCH	TX	Huntsville	1480	KQAM	KS	Wichita	1560	WSLA	LA	Slidell
1400	KREW	TX	Plainview	1480	KLVI	TX	Pasadena	1560	KILE	TX	Bellaire
1400	KVRP	TX	Stamford	1480	KCHL	TX	San Antonio	1560	KNGR	TX	Duingerfield
1400	KTEM	TX	Temple	1490	KFON	TX	Austin	1560	KKAA	SD	Aberdeen
1400	KVOU	TX	Uvalde	1490	KIBI	TX	Beeville	1560	KZQQ	TX	Abilene
1410	KLWQ	TX	Athens	1490	KHST	TX	Big Spring	1560	KHBR	TX	Hillsboro
1410	KNTX	TX	Bowie	1490	KQTY	TX	Borger	1560	KTXZ	TX	West Lake Hills
1410	KCUL	TX	Marshall	1490	KWMC	TX	Del Rio	1570	KPYK	TX	Terrell
1410	KRIL	TX	Odessa	1490	KLNT	TX	Laredo	1590	KGAS	TX	Carthage
1410	KBAL	TX	San Saba	1490	KZZN	TX	Littlefield	1590	KEAS	TX	Eastland
1410	KNAL	TX	Victoria	1490	KPLT	TX	Paris	1590	KMIC	TX	Houston
1420	KFYN	TX	Bonham	1490	KYZS	TX	Tyler	1590	KDAV	TX	Lubbock
1420	KPIR	TX	Granbury	1490	KVWC	TX	Vernon	1590	KRQX	TX	Mexia
1420	KLFB	TX	Lubbock	1500	KJIM	TX	Sherman	1590	KDAE	TX	Sinton
1420	KGNB	TX	New Braunfels	1500	KANI	TX	Wharton	1600	KNCY	NE	Nebraska City
1430	KEES	TX	Gladewater	1510	KAGC	TX	Bryan	1600	KOGT	TX	Orange
1440	KELG	TX	Manor	1510	KMND	TX	Midland	1600	KOKE	TX	Pflugerville
1450	KBEN	TX	Carrizo Springs	1510	KSTV	TX	Stephenville				
1450	KMBL	TX	Junction	1520	KYND	TX	Cypress				

LICENSE RENEWALS RESCINDED

1270 WYXC GA Cartersville

CORRECTIONS

1450 NEW HI Hilo - Item in Issue 28 incorrectly stated the antenna designation for this application.. The correct facilities sought are U4 5000/5000.

NORTH OF THE 49th

□ **Deane McIntyre** reports: "The CRTC has approved a new AM station for Vancouver: In this decision, the Commission approves the application by I.T. Productions Ltd. for a broadcasting licence to operate a new ethnic AM radio station at Vancouver at 1200 kHz. The applicant proposed a service that will be directed predominantly to Vancouver's South Asian communities. The applicant made a commitment to provide programming directed to a minimum of 11 different ethnic groups in 17 different languages in each broadcast week. All of the station's programming would be devoted to ethnic programming, and 95% of this would be in third languages. A minimum of 73% of all programming would be in the Hindustani and Punjabi languages. The applicant's proposal indicates that approximately 93% of the service would be directed to underserved groups in the Vancouver market, namely its South Asian communities, and that a further 1% would target other underserved ethnic groups. For the purpose of this calculation regarding the amount of programming that I.T. would devote to underserved ethnic groups, the Commission has considered to be "underserved", ethnic groups that, according to the data contained in the CRTC Broadcasting Policy Monitoring Report 2004, currently receive five hours or less of programming per week from existing Vancouver ethnic radio stations. The Commission accordingly approves the application by I.T. Productions Ltd. for a broadcasting licence to operate a commercial AM (ethnic) radio programming undertaking at Vancouver, at 1200 kHz, with a transmitter power of 25,000 watts. From the Industry Canada database, it appears that this station will operate with the same parameters day and night 25 kW into two 79 degree towers spaced 90 degrees, the second tower oriented at a bearing of 323 degrees relative to the first (reference) tower. The power ratio is 1:0.9 for the two towers, the phase difference being -96 degrees for the second relative to the reference tower. I am sure that someone on the list can compute the pattern based on this data:). The coordinates are 49 09 55 N, 123 02 28 W. OK, I had a look at the application on the CRTC website, It appears that the main lobe is broadly directed to the NW, with nulls to the SE to protect WOAI. On another note the CBC has applied to the CRTC for drop-in FM stations in Edmonton, Alberta to rebroadcast CHFA-680 and CBX-740, and in Saskatoon, Saskatchewan to rebroadcast CBK-540, noting problems due to QRM to the AM signals in the core of these cities. These are just drop-in relay stations; the AM stations will remain on the air in all cases." **In other matters:** The CRTC has **denied** an application by the owners of CHOR-1450 Summerland, British Columbia to replace this AM station with an FM facility on 95.3 MHz with 250 Watts. The commission was concerned the FM station would

provide more coverage than the AM. Hnnnnnnnn . . . ; the move of CJMD-1240 Chibougamau Quebec to FM (93.5 MHz, 19.8kW) has been approved by the CRTC. CFED-1340 Chapais, Quebec will also go silent, as Chapais will also be served by the new FM transmitter. So two more Graveyarders bite the dust. The new station will provide the same format currently offered by CJMD. The local programming will continue to focus on the region's activities. **And**, the CRTC has cancelled the license of CFPS-1490 Port Elgin, Ontario as the new FM station serving the Port Elgin area, CFPS-FM has begun broadcasting. Also . . . The following four Canadian AM stations have applied to the CRTC to move from AM to FM:

CFCY-630 Charlottetown, PE has applied for 95.1 MHz, 73.3 kW
 CHTN-720 Charlottetown, PE has applied for 100.3 kHz, 33 kW
 CKWA-1210 Slave Lake, AB has applied for 92.7 MHz, 5.7 kW
 CKEC-1320 New Glasgow, NS has applied for 94.1 MHz, 51.88 kW

Note that in the case of the CFY and CKEC applications, other parties have applied for new FM stations to use the same frequencies. If the CFY and CHTN applications are approved, Prince Edward Island will have exactly zero AM stations left, not counting the two 20 watt TIS stations CBPP-1490 and CBPP1-1280 in Prince Edward Island National Park (assuming that they are still in operation). Time to log PEI if you have not done so!

A LITTLE BIT OF MEXICAN NEWS THIS MONTH

□ XERF-1570 Ciudad Acuna, Coahuila has recently installed a new 100,000 Watt transmitter. Although not up to the 50s and 60s power level of two-and-one-half times that power, it is a significant increase over what it had been churning out the past 15-20 years. So if you've noticed XERF sounding a little better lately, that's the reason.

HEAR AND THAR

□ **Silent:** WCHQ-960 Quebradillas, Puerto Rico, KTOZ-1060 Springfield, Missouri, WCST-1010 Berkeley Springs, West Virginia, KRSN-1490 Los Alamos, New Mexico. KLFJ-1550 Springfield, Missouri was silent for a short period, but has returned with a Travel format. WHGT-1590 Chambersburg, Pennsylvania is still, and will likely stay, off forever as the studio and transmitter building along with their four towers are gone. It is speculated that the owner will turn the license in. WGRP-940 Greenville, Pennsylvania returned on August 1, although with a very low power. They are simulcasting WLOA-1470 Farrell, Pennsylvania, carrying programming formally on WEXC-FM 107.1, and calling themselves "Wexie 107 Goodtime Oldies" even though WEXC is not carrying that programming. WBTE-990 Windsor, North Carolina is back on, as is WCBG-1380 Waynesboro, Pennsylvania from a newly constructed tower, as they simulcast the 92.1 FM station from nearby Mercersburg. **This Just In:** The new owner of WSMN-1590 Nashua, New Hampshire was shooting for a return-to-the-air date of August 15, but legal matters including FCC approval may stand in the way. When WSMN does return to the air, it will simulcast with WSNH-900 until they change to a news/information format with live drive-time call-in shows later this fall. Let's wish them the best to bring this AM station back!

□ **Patrick Griffith** of Westminster, Colorado says: "I visited the transmitter site for KHNC and the new 30 kw daytime site for KRCN. I can verify that KRCN is now on the air from the new daytime site. I have placed some photos of these sites on my NONNK web page (<http://community.webtv.net/NONNK/> or <http://community.webtv.net/AM-DXer/>). I also stopped by the FN / 400 NDB site today and there are some photos of it on my web site as well. Within 1/4 mile of the site FN's harmonic was blasting in loud and clear at the 800 position on my AM car radio. **Patrick** also sends word that " . . . If everything stays on schedule work on the towers for the new 810 night site for KLDC (to be co-located with KLZ) is supposed to start. . . [the week of 7/25]". As you know the present site in Brighton will continue as the day site when they switch to 810."

□ In addition to those credited above, we thank: **Shawn Axelrod, Gerry Conkling, Bruce Conti, Perry Crabill, Wayne Heinen, Deane McIntyre, and Jerry Starr** for helping put this all together. See you next month!

GRAVEYARD DX UPDATE

* indicates record held by DXer from North America (excluding Alaska)

<u>1340 kHz:</u>				<u>Miles</u>
HIBZ	DR	San Juan	Thomas Giella	Miami, FL 734
<u>1400 kHz:</u>				
KART	ID	Jerome	Tim Hall	Chatham Sound, BC *1099
WFPR	LA	Hammond	Thomas Giella	Plant City, FL 534

Domestic DX Digest

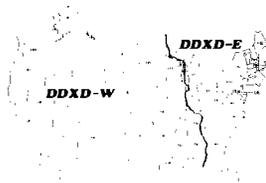
West: Bill Dvorak westlogs@aol.com

501 Algoma St. - Madison, WI 53704-4812

East: Ginnie Lupi DDXD-E@nycap.rr.com

PO Box 4404 - Clifton Park, New York 12065-0853

(Division line is
between East and
Central time zones)



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

DDXD-West

FROM THE VAST WESTLAND

- Summertime, and the livin' is easy, but the DX is slow! Time for a little trivia fun. This question was inspired by the great love that so many DXers have for baseball on the radio. Until 1953 when the Braves moved from Boston to Milwaukee, only four (one-quarter) of the 16 Major League teams were from the present DDXD-W reporting territory, the **Vast Westland**. Two of these were located in Chicago and two in Saint Louis. Today there are 30 MLB teams. How many of them are located in the **Vast Westland**? The answer can be found at the end of this column.
- Although the column is short this month, the quality of the loggings is excellent, thanks to our dedicated group of reporters!
- A reminder— there is still time to make plans to attend this year's Madison-Milwaukee DX Get-together, but not much. If you would like to learn more about this event, please e-mail me. Hope to see you in Madison on August 20! 73 Bill

Reporters

DP-HI	Dale Park, Honolulu. Sangean ATS818-CS, Terk AM1000 loop.
DP-HI1	Dale Park DXing in East Honolulu. Honda car radio.
DP-CA1	Dale Park DXing in Newport Beach. Sangean ATS818-CS.
DP-CA2	Dale Park DXing in Orange County. Ford car radio.
DP-CA3	Dale Park DXing in Los Angeles. Sangean ATS818-CS
DP-CA4	Dale Park DXing in Hollywood. Ford car radio.
GH-IL	Greg Harris, Park Forest. FRG100B with Quantum loop, DX-350 with internal antenna, or Grundig S350 with internal antenna.
JJR-WI	John J. Rieger, South Milwaukee. Icom IC-R75, Kiwa loop, MFJ-959B tuner-preamp.
KO-IL	Ken Onyschuk, Joliet. Station news.
PG-CO	Patrick Griffith, Westminster. Drake R-8 and Kiwa loop.
RT-MN	Rick Turner, Bemidji. Grundig YB 400 PE, Select-A-Tenna 541, or car radio.
SP-WI	Sheryl Paszkiewicz, Manitowoc. NRD-515, AOR LA350 loop.
Ed.-WI	Your editor, Madison. Drake R8B, Quantum QX Pro loop.

Station News

540	KRXX CA	Carmel Valley. Per Monterey Herald, Monterey County Weekly and Billboard Radio Monitor, KXME was sold, and the new ownership changed calls and flipped it from Spanish talk to English-language liberal talk on 7/21. Station features Stephanie Miller, Ed Schultz, Bill Press and Thom Hartmann. (DP-HI)
790	KFPT CA	Clovis. Drops Spanish format and KOOR callsign 7/4 for liberal talk featuring Air America Radio, per website www.geocities.com/liberalprogressivetalk/index.html and AAR website. (DP-HI)
1160	WYLL IL	Chicago. I have found the location of this station's new night pattern transmitter site. From Illinois 171 (State Street) in Lockport, take Bruce Road east for three miles to just past Gouger Road. On the left hand side you will see six towers, arranged in two rows of three towers each; this is the new site. (KO-IL)
1340	KOMY CA	La Selva Beach. Per Monterey County Herald and Santa Cruz Sentinel, station adds Air America's Al Franken and Randi Rhodes, and Fox Radio's Alan Colmes, as of 7/15. Reportedly station was to have added Air America last year but the network refused, citing sister station KSCO 1080's affiliation with Rush Limbaugh. (DP-HI)

1350	WSMB LA	New Orleans. Adds Air America Radio and Ed Schultz 7/25 per their associated websites. (DP-HI)
1360	WYNK LA	Baton Rouge. Dropped children's format 7/12 for liberal talk featuring Air America Radio and Ed Schultz per website www.geocities.com/liberalprogressivetalk/index.html; slogan is "Progressive Talk for Baton Rouge." (DP-HI)
		Presumed, Tentative, UnID
550	KFYI AZ	Phoenix. 7/19 0420. "Coast to Coast AM with George Noory" in progress, seven seconds ahead of KFI-640. Last heard as KOY years ago. Poor; KUZZ ripply underneath. (DP-CA3)
650	UNID	7/18 0018. Two SS stations noted, one with nortena music, the other with a man in echo chamber talking, then second man (no echo) talking. It's possible one of them was a mixing product of KHJ 930 and KABC 790. No KFI 640 splatter. (DP-CA3)
750	KOAL UT	Price. 7/16 0221. "Coast to Coast AM with George Noory" in progress; local ad, net ad, ID missed. Poor; sandwiched between KCBS 740 and KFMB 760. (DP-CA1)
850	UNID	7/16 1915. Strong and ominous-sounding carrier noted. This used to be KMDY a long time ago. Heard in Santa Ana. (DP-CA2)
1140	KNWQ CA	Palm Springs. 7/18 0112. Art Bell over/under mess, one station with two-man hot talk (KHTK?) along with another station. No sign of SS station. Very good to poor. (DP-CA3)
1140	UNID	7/25 0341. SS Woman talk on top of KHTK. Fair. (DP-HI1)
1240	WHFAP WI	Poynette. 7/18 0330. Presumed with discussion of programming "here on Relevant Radio". Heard on car radio while in Bemidji. (RT-MN)
1400	KVFD IA	Fort Dodge. 7/20 0300. "You're listening to the Sporting News Network here on AM 1400" followed by call letters which sounded like "KBSE", a phonetic match. However, KVFD is listed with a nostalgic format, and an e-mail to the Sporting News Radio website inquiring about affiliates has gone unanswered, as have phone calls to the station. It is possible that they run sports late night, but no way to know at this time. (RT-MN)
1680	KAVT CA	Fresno. 7/25 0333. Probably them with Chic's "Le Freak," Gwen Stefani's "If I Were a Rich Girl," female DJ mentioning Radio Disney and taking request from kid, net promos. Fair to very poor. (DP-HI1)
		Regular DX Loggings (times in ELT)
680	WDRD KY	Newburg. 7/5 0555. Poor; "Radio Disney, WDRD" into a list of songs, ads in fade up. (JJR-WI)
750	KMMJ NE	Grand Island. 8/4 0701. CNN News and into pop oldies. ID as "News Radio 7-50 KMMJ." Fighting for dominance with KHWG. (PG-CO)
750	KHWG NV	Fallon. 8/4 0715. C&W oldies with local ads and promos for Fallon and Churchill County and Area Code 775 telephone numbers. At bottom of hour, "You're listening to KHWG seven-fifty AM." Slogan is "The Hawk." I noticed that the FCC still has KHWG listed as a CP. (PG-CO)
770	KKOB NM	Albuquerque. 7/25 0335. Noted in passing with "Coast to Coast with Art Bell" // KQNG 570, KKOH 780, KAOI 1110. Very poor, KGU-760 splatter. (DP-HI1)
790	WAYY WI	Eau Claire. 7/31 2355. "Newstalk 790 WAYY" by a male announcer. Good signal, some WBBM 780 slop. (GH-IL)
930	WRVC WV	Huntington. 7/10 0258. "...here on AM 930 WRVC" by a male announcer. Fair signal under WAUR. (GH-IL)
960	KIXW CA	Apple Valley. 7/15 2037. "Savage Nation" show in progress with usual anti-liberal tirade; slogan "The High Desert's Talk Station, Talk 9-60." Also airs ABC Entertainment news. Heard in Anaheim. (DP-CA2)
1050	CHUM ON	Toronto. 7/2 0100. "The Greatest Oldies, 1050 Chum" (pronounced as a word instead of individual letters). ToH ID by a male announcer. Rapid fading, but peaked for ID. (GH-IL)
1050	KCAA CA	Loma Linda. 7/15 1353. Promo requesting listeners to patronize KCAA's advertisers ("this is COMMERCIAL radio"); back to Talk America's "Duke and The Doctor." Fair; unID rippling underneath (perhaps a spur). Heard in New-

			port Beach. (DP-CA2)
1080	KWAI	HI	Honolulu. 7/23 0712. Noted off the air; no other Honolulu stations were off. Two signals noted weakly, probably KSCO-CA and KFXX-OR. Off all day 7/23; back on at recheck 7/25 0011. Again noted off early morning of 7/30 but back on in the afternoon. (DP-HI)
1090	KPTK	WA	Seattle. 7/25 0342. Noted in passing with "Best of Randi Rhodes", 7 seconds behind KTLK 1150. Fair, KWAI 1080 QRM. (DP-HI1)
1150	KTLK	CA	Los Angeles. 7/25 0340. Noted in passing with "Best of Randi Rhodes." Fair. (DP-HI1)
1170	KCBQ	CA	San Diego. 7/16 0207. Noted in passing with replay of Mike Gallagher. Very poor, signal almost nil; KSL-1160 much stronger with Lars Larsen. (DP-CA1)
1200	WOAI	TX	San Antonio. 7/18 0030. "1200 WOAI" by a male announcer at the end of a weather report. Decent copy under WRTO. (GH-IL)
1220	WHKW	OH	Cleveland. 7/18 0100. Top of Hour ID "WHKW Cleveland WHKZ Warren" repeated twice by a male announcer. Fair copy, no WJOB 1230 slop. (GH-IL)
1230	WHOP	KY	Hopkinsville. 7/13 0300. Poor but clear; "This is Western Kentucky's news, weather and sports station. This is Newstalk 1230 WHOP-AM Hopkinsville" into CBS news. Relog. (JJR-WI)
1230	WKLK	MN	Cloquet. 6/17 0200. "Pearly Shells" followed by "You're listening to...on AM 1230, WKLK, Cloquet" into what may have been news. Faded out shortly thereafter. Distance 127 miles. (RT-MN)
1250	WGL	IN	Fort Wayne. 7/12 2320. Middle of the road music, slogan "1250 the River," local spots, weather. (SP-WI)
1250	WSSP	WI	Milwaukee. 7/16 2358. "Sports Radio 1250 WSSP Milwaukee" by a male announcer. (GH-IL)
1260	KKGO	CA	Beverly Hills. 7/17 1054. "Jewish Soul" program one minute behind XESURF 540; at 1102 straight into adult standards music two minutes behind XESURF, finally ID at 1106 "KKGO Beverly Hills-Los Angeles, 12-60 and 5-40, KKGO." KKGO and XESURF noted later at 0122 with different songs, so they may have different studios. (DP-CA1)
1310	CIWW	ON	Ottawa. 7/27 0049. Oldies, singing jingle "Oldies 1310 Ottawa" and voice ID "Oldies 1310." Local WIBA was running an open carrier at the time, and did not resume programming until CBS News at 0100. (Ed.-WI)
1350	WZNN	NC	Black Mountain. 7/24 2326. "Supertalk 1350 WZNN" by male announcer. Decent copy with much fade and some co-channel interference. (GH-IL)
1400	WDWS	IL	Champaign. 7/23 1927. Ad for a bank in Champaign and ID by a male announcer "...here on DWS." Bad QRM from WGL and WSJM and others. (GH-IL)
1440	KDIF	CA	Riverside. 7/15 1434. SS Noted in passing with slogan "La Preciosa"; nortena music featuring tuba; woman talking to "chipmunk" and man. Heard in Anaheim. (DP-CA2)
1450	WMIQ	MI	Iron Mountain. 7/5 0505. Poor; calls popped out in mess; weather, program "First Light." (JJR-WI)
1490	WTIQ	MI	Manistique. 7/30 0121. Poor. Jingle between two oldies, "Cruisin' 1490 WTIQ." Not heard for a while. (JJR-WI)
1490	KBUR	IA	Burlington. 7/30 0200. Poor, but nice fade-up with legal ID, CBS news. (JJR-WI)
1490	KTOP	KS	Topeka. 7/31 0424. Poor but clear. "Music of your Life on KTOP." Rare! (JJR-WI)
1510	KCUV	CO	Littleton. 7/11 2333. Blues, C&W, "Here on KCUV", "kucvradio.com." NEW. (SP-WI)
1560	WPAD	KY	Paducah. 7/3 0101. "ESPN Radio AM 1560 WPAD" by a male announcer. Three different ID's during my listening period. Weak signal, much QRM from WQEW on frequency and WBGX 1570, a local. (GH-IL)
			TIS, HAR, Etc.
530	WNHV296	CA	Los Angeles. 7/17 1008. Chris Hines with traffic info, instructions on driving around the terminals at L.A. International Airport (where airlines are located, etc.). Never heard this far away without a loop. Poor. (DP-CA1)
820	WPAC337	CA	Hollywood. 7/18 1805. Hollywood Bowl TIS noted off the air while driving in the vicinity; perhaps broadcasting only on event days (like the day be-

1230	UNID		fore)? (DP-CA4) 7/15. Noted sign on I-5 Golden State Freeway northbound between South State College and Katella/Disney Way exits telling drivers to tune to 1230 for traffic info. I did so, and all I heard was KYPA with usual Korean programming. (Does KYPA know about this?) Noted in Anaheim. (DP-CA2)
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TRIVIA ANSWER: Sixteen (over half): Arizona, Chicago Cubs, Chicago White Sox, Colorado, Houston, Kansas City, Los Angeles Angels, Los Angeles Dodgers, Milwaukee, Minnesota, Oakland, Saint Louis, San Diego, San Francisco, Seattle, Texas.

DDXD-East

Hope you're all enjoying your summer! This issue includes Bert New's bandscan from Sapelo Island, GA. Thanks, Bert!

REPORTERS

MKB-ON	Mike Brooker, Toronto	- Grundig YB-400PE; Panasonic RF-2200.
HJH-PA	Harry Hayes, Wilkes-Barre	- Zenith Trans Oceanic, Kiwa Pocket Loop.
CK-OH	Chuck Kaufman, Lebanon	- CC Radio.
IEN-GA	Ira Elbert New, III, Sapelo Island	- Sangean ATS 909.
IEN*GA	Ira Elbert New, III, Watkinville	- Drake R8B, 135' N/S Wire.
IEN+GA	Ira Elbert New, III, Watkinville	- Sangean ATS 909 and Select-A-Tenna.
DP-HI	Dale Park, Honolulu	- Station News.
JS-OH	Jerry Starr, near Youngstown	- Station News.

STATION NEWS

909.2	WAVL	PA	Apollo - seems to be on this frequency, first noted 8/1. (JS-OH)
930	WEOL	OH	Elyria - Per Cleveland Plain Dealer, station adds Fox Sports Radio 7/16 and will broadcast the network weeknights and weekends. Also adds Glenn Beck. (DP-HI)
	WRVC	WV	Huntington - Adds "Al Franken Show" 6/27 per program; station slogan is "Progressive Talk 9-30." (DP-HI)
940	WGRP	PA	Greenville - had been silent, back on with very low power to Valcom antenna. Dual TOH ID with WLOA-1470 as "Wexie 107 Goodtime Oldies", even though WEXC is no longer carrying this programming. See WLOA 1470. (JS-OH)
1350	WARF	OH	Akron - Per Cleveland Plain Dealer and website www.geocities.com/liberalprogressivetalk/index.html, station adds Air America 7/02. (DP-HI)
1470	WLOA	PA	Farrell - has "simulcast" of "Wexie 107 Goodtime Oldies" along with WGRP-940. Even though WEXC-107.1 is no longer carrying this programming, they are now something called "Freak 107" with Christian rock/rap stuff. So "Wexie 107" is on two AM stations only, still using this slogan between every tune. All automated of course. Also has Pirates baseball. Until 8/1 had been running triple TOH ID for WEXC/WLOA/WGRP even when WGRP was silent and WEXC was no longer Oldies. (JS-OH)
1500	WASN	OH	Youngstown - Now Spanish. (JS-OH)
1520	WJMP	OH	Kent - Per Cleveland Plain Dealer, station dumped Air America in early July after only two months and picked up Fox Sports Radio. (DP-HI)

STATION LOGGINGS

580	WKSK	NC	West Jefferson - 6/30 2027 - Country music. Very good signal (10 over S9) marred by lightning crashes. "580, WKSK". (IEN*GA)
610	WAGG	AL	Birmingham - 7/16 0602 - Calls and slogan, "traditional and modern gospel," then music in null of semi-local WTVN. (CK-OH)
760	WCIS	NC	Morganton - 6/30 2001 - Southern gospel. Very good signal (10 over S9) marred by lightning crashes. "...the best in Southern Gospel, 760 AM, WCIS Morganton". (IEN*GA)
660	WMIC	MI	Sandusky - 7/28 1124 - weak but steady groundwave with C&W, local weather "from your news and information station WMIC" into ABC Wall Street report, ad for Nexium (purplepill.com). (MKB-ON)
720	WRZN	FL	Hernando - 7/16 0545 - MYL-type nostalgia format under WGN null, finally

- 950 WORD SC Spartanburg - 6/29 1030 - WORD Newscast. Decent, steady signal all but buried under WRFC on 960 up the road in Athens, GA. "Good morning, WORD newstime is 10:30". (IEN+GA)
- 1320 WVNZ VA Richmond - 7/30 2030 - "Silecta" IDs and "Radio Richmond". Spanish programming. Good at times. (HJH-PA)
- 1370 WELV NY Ellenville - 7/23 2030 - Mention WRWD.com and 107.3. Apparently re-broadcasting this FM. (HJH-PA)
- 1370 WWCB PA Corry - 7/9 2140 - "Your station for today's hits and yesterday's favorites..." Weather report and community events calendar. IDs and mention of Corry with many others. New and long sought for. (HJH-PA)
- 1390 WVAA VT Burlington - 7/17 2230 - Fair at times with Country music and IDs. "I hear the Legends on WVAA." Usual Syracuse, weak. (HJH-PA)
- 1470 WNYN NY Ithaca - 7/24 0600 - ex-oldies WTKO with top of hour ID: "1470 WNYN Ithaca, Tompkins County's new progressive voice" into Air America news. (MKB-ON)
- 1510 CKOT ON Tillsonburg - 7/28 1135 - fair-poor on groundwave with talk on last night's Blue Jays game, "Country 1510 CKOT" ID into C&W song by Eddie Rabbit. Canada's last AM daytimer, soon to be defunct as move to FM has been granted. Get 'em while you can, folks! (MKB-ON)
- 1550 WLOR AL Huntsville - 7/25 2137 - Urban hits. Slightly less than good signal with deep fades. "Jammin' 1550!" (IEN+GA)

BERT NEW'S BAND SCAN FROM SAPELO ISLAND, GEORGIA

- 580 WDBO FL Orlando - 7/17 1845 - Kim Komando Show. "AM 580, WDBO". (IEN-GA)
- 600 WBWL FL Jacksonville - 7/17 1742 - Radio Disney fare. "WBWL, AM 600, Radio Disney". (IEN-GA)
- 800 WPLK FL Palatka - 7/18 1241 - Oldies. "WPLK, Palatka". (IEN-GA)
- 920 WMEL FL Melbourne - 7/18 1247 - Bill O'Reilly Show. "AM 920, WMEL". (IEN-GA)
- 990 WGML GA Hinesville - 7/17 1745 - Gospel music. "WGML, Love Radio 99". (IEN-GA)
- 1150 WNDB FL Daytona Beach - 7/17 1731 - NASCAR Race. "Newstalk 1150, WNDB". (IEN-GA)
- 1170 WSOS FL Saint Augustine Beach - 7/18 1250 - Oldies. "The Oldies Station, WSOS". (IEN-GA)
- 1220 WJAX FL Jacksonville - 7/17 1250 - Swing music. "Jones College Radio" and "Swing 1220" (IEN-GA)
- 1230 WSBB FL New Smyrna Beach - 7/17 1600 - Oldies. "Memories 1230, WSBB, New Smyrna Beach, Daytona Beach, Florida". (IEN-GA)
- 1240 WFOY FL Saint Augustine - 7/18 1300 - Rush Limbaugh Show. "1240 AM, WFOY, Saint Augustine". (IEN-GA)
- 1300 WTIR FL Cocoa Beach - 7/17 1910 - CNN Headline News. "WTIR1300@Bellsouth.Net", "1300 Headline News" and "Traveler's Information Radio". (IEN-GA)
- 1320 WJGR FL Jacksonville - 7/17 1900 - SRN News. "1320, The Patriot". (IEN-GA)
- 1360 WCGF FL Jacksonville - 7/17 1735 - Religious programming. "Victory 1360". (IEN-GA)
- 1380 WELE FL Ormond Beach - 7/17 1858 - Major League Baseball game. "WELE, Ormond Beach, Florida". (IEN-GA)
- 1400 WZAZ FL Jacksonville - 7/17 1738 - Religious programming. "1400WZAZ.com". (IEN-GA)
- 1450 WMFJ FL Daytona Beach - 7/18 1504 - Point of View program and USA Radio Network News. "...WMFJ". (IEN-GA)
- 1600 WQOP FL Atlantic Beach - 7/18 1600 - EWTN program. "Queen of Peace Radio" and "WQOP, 1600 AM, Atlantic Beach". (IEN-GA)

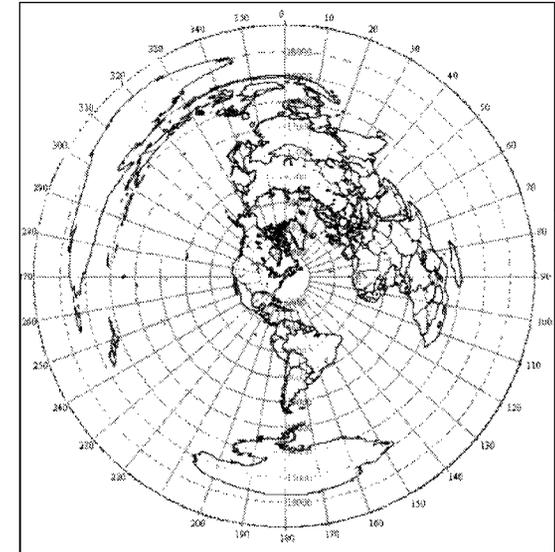
Flash Alert Postcard System

Can't access the Internet to find out about last-minute DX tests? Join Les Rayburn's Flash Alert System to receive notice about late-notice tests and special events. Just send Les 10 or more self-addressed postcards, and he'll be sure to keep you up-to-date and even notify you when you're down to five cards. Send your cards to Les Rayburn - 100 Centerview Drive, Suite 11 - Birmingham, AL 35216-3748. It's almost as good as being wired!

International DX Digest

Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

When is east not really east, west not really west? Often the path of a radio wave from transmitter to receiver is not what it seems. For example, a signal from the west may actually begin in a northeast direction and arrive from the northwest due to the curvature of the Earth. A Great Circle map centered on your receiver location can help to visualize the actual shortest signal path. Create your own Great Circle map using free software downloadable from the Paul Burton AA6Z website, *AZMap: An Azimuthal-Equidistance Map Generator*. Distances in the following logs are calculated using free Great Circle software from the *Delphi for Fun* website. It estimates the surface distance between two points defined by their latitude and longitude, calculating distance using formulas for a perfect sphere and for the slightly "squished" or ellipsoid shape of the Earth which can result in as much as 40 miles difference. I'm using the ellipsoid calculations here. Links are on *jBAMLog!*



Transatlantic DX

- 153 ALGERIA *Chaîne 1*, Bechar (31°38'N 02°18'W) MAY 6 0442 - Drum music. MAY 26 0427 - Man and woman talking; weak. [Perkins-NJ] 3967mi 6384km] JUL 28 2346 - Arabic male vocal; at low audio level on good carrier. [Connelly*R-MA 3744mi 6025km]
- 162 FRANCE *France-Inter*, Allouis (47°10'N 02°12'E) JUN 6 0302 - Man and woman in French. JUN 30 0315 - Man in French with music. [Perkins-NJ] 3694mi 5944km] JUL 29 0136 - Caribbean style instrumentation. [Connelly*R-MA 3454mi 5559km]
- 171 MOROCCO *R.Mediterranee Internationale*, Nador (35°03'N 02°55'W) JUL 28 2345 - Slow Arabic vocal; fair. [Connelly*R-MA 3591mi 5780km]
- 183 GERMANY *Europe No. 1*, Felsberg (49°17'N 06°41'E) JUN 6 0304 - Man and woman in French. JUN 13 0223 - Same. JUN 30 0223 - Man talking, music. [Perkins-NJ] 3825mi 6155km] JUL 29 0137 - Tone test; strong. [Connelly*R-MA 3585mi 5770km]
- 198 ALGERIA Ouargla (31°57'N 05°05'E) JUL 28 2347 - Bits of Arabic music; over subaudible heterodyne likely from UK. [Connelly*R-MA 4096mi 6592km]
- 216 FRANCE RMC Roumoules (43°47'N 06°09'E) JUN 14 0326 - Man and woman. JUN 30 0321 - Man in French. [Perkins-NJ] 3967mi 6384km]
- 234 LUXEMBOURG *R.Luxembourg*, Junglinster (49°40'N 06°19'E) JUN 14 0335 - Man talking. JUN 30 0228 - Music. [Perkins-NJ] 3799mi 6114km] JUL 29 0139 - Rock music; fair to good. [Connelly*R-MA 3560mi 5729km]
- 252 ALGERIA Tipaza (36°35'N 02°27'E) JUL 28 2348 - Music mixing with Ireland. [Connelly*R-MA 3798mi 6112km]
- 252 IRELAND *RTE R.1*, Clarkestown JUN 30 0230 - Man, 0327 woman in Irish English with music. [Perkins-NJ] JUL 29 0133 - Parallel 567 with talkshow; fair. [Connelly*R-MA]
- 531 SPAIN *RNE5* sychros JUL 29 0136 - Parallel 585 with Spanish talk by man; poor to fair. [Connelly*R-MA]
- 549 IRELAND *Irish Christian Broadcasters*, Monaghan (54°22'N 07°01'W) JUL 29 0135 - Likely this with folksy religious vocal; over Algeria and Germany. [Connelly*R-MA 4701km]
- 567 IRELAND *RTE* Tullamore (53°17'N 07°22'W) JUL 29 0133 - Parallel 252 with talkshow in

- English; fair over Spain. [Connelly*R-MA 2922mi 4702km]
 585 **SPAIN** *RNE1* Madrid (40°28'N 03°52'W) JUL 29 0131 - Parallel 684 with two men in Spanish; good with WEZE phased. [Connelly*R-MA 3370mi 5423km]
 648 unID JUL 22 0040 - Initially loud but weakening het against 650 WSRO, probably the same as Mark Connolly has been trying to identify. Gambia likely. [Conti-ME] See *International News*.
 684 **SPAIN** *RNE1* Sevilla (37°12'N 05°55'W) JUL 29 0131 - Parallel 585 with men in Spanish; fair with WRKO phased. [Connelly*R-MA 3373mi 5428km]
 693 **UNITED KINGDOM** *BBC R. 5 Live*, Droitwich et al. JUL 29 0037 - Sports-related talk mentioned Belgium; good with CINF phased. [Connelly*R-MA]
 711 **FRANCE** *France Info*, Rennes (47°51'N 01°30'W) JUL 29 0125 - Parallel 1206 with hard rock; fair over rumble. [Connelly*R-MA 3276mi 5272km]
 756 **GERMANY** *Deutschlandfunk*, Braunschweig & Ravensburg JUL 29 0043 - Parallel 1422 with jazz; poor to fair. [Connelly*R-MA] JUL 29 0139 - Good; classical music parallel 1422 kHz. [Conti-MA]
 765 **SWITZERLAND** *RSR Option Musique*, Sottens (46°39'N 06°44'E) JUL 29 0123 - Soft-rock French vocal; good. [Connelly*R-MA 3664mi 5897km]
 837 **AZORES** *Centro Regional da RDP*, Pico da Barrosa JUL 29 0034 - Portuguese newstalk; fair, over France and Spain-Canaries. [Connelly*R-MA]
 837 **CANARY ISLANDS** // **SPAIN** *COPE* synchros JUL 23 0126 - Good; talk parallel 999 kHz, synchro echo. [Conti-ME]
 837 **FRANCE** *France Info*, Nancy (48°53'N 06°14'E) JUL 8 0325 - Old-style male French vocal; fair. [Connelly*B-MA 3608mi 5807km]
 864 **FRANCE** *France Bleu*, Villebon-sur-Yvette (48°41'N 02°14'E) JUL 7 0305 - French news by a woman; fair. [Connelly*B-MA 3446mi 5546km] JUL 29 0031 - Romantic French vocal; good. [Connelly*R-MA 3415mi 5496km]
 882 **CANARY ISLANDS** // **SPAIN** *COPE* synchros JUL 29 0021 - Spanish teletalk; fair. [Connelly*R-MA]
 882 **UNITED KINGDOM** *BBC R.Wales*, Washford JUL 29 0031 - *BBC* discussion; now over *COPE*. [Connelly*R-MA]
 890.98 **ALGERIA** *Chaîne 1*, Algiers (36°40'N 03°09'E) JUL 23 0116 - Excellent signal with extremely weak audio, almost like an open carrier. [Conti-ME 3718mi 5984km] JUL 29 0030 - Arabic male vocal at light audio level. [Connelly*R-MA 3829mi 6162km]
 909 **UNITED KINGDOM** *BBC R.5 Live* synchros JUL 29 0118 - Bit of music, then British English talk; fair through WABI slop. [Connelly*R-MA]
 945 **FRANCE** *France Info*, Toulouse (43°21'N 01°20'E) JUL 29 0117 - Parallel 1206 with sad emotional male French vocal; to good peak. [Connelly*R-MA 3525mi 5673km]
 981 **ALGERIA** *RTVA Chaîne 2*, Algiers (36°40'N 03°09'E) JUL 23 0109 - Excellent; Koranic vocal. [Conti-ME 3718mi 5984km] JUL 29 0020 - Arabic group vocal; fair. [Connelly*R-MA 3829mi 6162km]
 999 **SPAIN** *COPE* Madrid (40°28'N 03°52'W) JUL 23 0101 - Good; telephone talk parallel 1143 kHz. [Conti-ME 3258mi 5244km] JUL 29 0019 - Man in Spanish, musical interludes; good. [Connelly*R-MA 3370mi 5423km]
 1017 **GERMANY** *SWR Cont. R.*, Wolfsburg (49°53'N 08°03'E) JUL 29 0024 - Woman in German. [Connelly*R-MA 3624mi 5833km]
 1044 **SPAIN** *SER* synchros JUL 8 0328 - Spanish news with interview; poor to fair. [Connelly*B-MA] JUL 29 0146 - Parallel 1116 with Spanish teletalk; fair to good. [Connelly*R-MA]
 1053 **UNITED KINGDOM** *TalkSport* synchros JUL 29 0145 - Segment of "You Wear It Well" by Rod Stewart, then advert about winning a million; to good peak. [Connelly*R-MA] JUL 29 0126 - Very good, better than 1089; Mike Dicken talk. [Conti-MA]
 1089 **UNITED KINGDOM** *TalkSport* synchros JUL 7 0140 - Man and woman with sports talk mentioning the 2012 Olympics; fair in WBAL null. JUL 7 0206 - News, advert with music; good. [Connelly*B-MA] JUL 22 0305 - Fair; "...the Mike Mendoza Show on TalkSport." [Conti-ME] JUL 29 0026 - Teletalk about bombers; fair. [Connelly*R-MA] AUG 5 0115 - Fair; talk about Iran nuclear capability and suicide bombers. [Conti-NH]
 1098 **SPAIN** *RNE5* synchros JUL 23 0050 - Excellent; Cuban jazz interlude, in-studio discussion between two women, parallel 1107 kHz. [Conti-ME] JUL 29 0017 - Spanish teletalk, *Radio Nacional de España* mention. [Connelly*R-MA] AUG 5 0120 - Fair; telephone talk parallel 1107 kHz. [Conti-NH]
 1107 **SPAIN** *RNE5* synchros JUL 7 0143 - Echoey Spanish teletalk; in jumble. [Connelly*B-MA] JUL 22 0138 - Fair; talk in Spanish over an unID low frequency het - Egypt? [Conti-ME] JUL 29 0112 - Spanish talk; over growl from Egypt on approximately 1106.8 kHz. [Connelly*R-

- MA]
 1116 **SPAIN** *SER* synchros JUL 23 0047 - Good; telephone talk parallel 1179 kHz. [Conti-ME] JUL 29 0051 - Slow Spanish talk by woman; good. [Connelly*R-MA]
 1125 **SPAIN** *RNE5* synchros JUL 29 0011 - Good; talk parallel 1107 kHz. [Conti-MA]
 1125 unID JUL 29 0111 - Classical music; somewhat over Croatia and Spain. [Connelly*R-MA]
 1134 **CROATIA** *Glas Hrvatske*, Zadar (44°06'N 15°15'E) JUL 7 0144 - Slavic choral music, then Croat talk by woman; to good peak over WBBR slop. [Connelly*B-MA 4143mi 6667km] JUL 29 0109 - Slavic talk; huge, over Spain. [Connelly*R-MA 4112mi 6618km]
 1134 **SPAIN** *COPE* synchros JUL 23 0045 - Fair; talk parallel 1143 kHz. [Conti-ME] JUL 29 0009 - Good; discussion parallel 1143 kHz, synchro echo. [Conti-MA]
 1152 **SPAIN** *RNE5* synchros JUL 22 0145 - Good; talk parallel 1107 kHz. JUL 23 0041 - Good; talk with strong synchro echo. [Conti-ME] JUL 28 2358 - Echoey Spanish talk by man and woman; fair. [Connelly*R-MA]
 1169 **IRAN** *IRIB Sarasary*, Semnan JUL 23 0039 - Weak het against 1170 domestics. [Conti-ME]
 1170 **UNITED ARAB EMIRATES** *R.Farda*, Dabiya (24°11'N 54°14'E) JUL 29 0106 - Mideast female vocal; over/under phased WWVA. 1169 Iran not noted at this time. [Connelly*R-MA 6650mi 10702km] See *International News*.
 1179 **CANARY ISLANDS** // **SPAIN** *SER* synchros JUL 23 0038 - Good; telephone talk in Spanish. [Conti-ME] JUL 29 0016 - Fast Spanish teletalk. [Connelly*R-MA]
 1188 **BELGIUM** *VRT Radio 2*, Kuurne (50°52'N 03°16'E) JUL 29 0107 - Late '80s or early '90s dance hit "Baby Don't Hurt Me"; good. [Connelly*R-MA 3403mi 5477km]
 1197 **SPAIN** *Euskadi Irratia*, Vitoria JUL 29 0108 - Woman in Spanish; barely over pile-up with apparent UK and others. [Connelly*R-MA]
 1206 **FRANCE** *France Info*, Bordeaux (44°57'N 00°11'W) JUL 23 0027 - Fair; urban contemporary music, then a jingle into news by a woman in French. [Conti-ME 3291mi 5296km] JUL 29 0015 - French music, at 0038 huge with guitar rock and male vocal. [Connelly*R-MA 3410mi 5488km]
 1215 **SPAIN** *COPE* synchros JUL 23 0033 - Talk in Spanish parallel 1143 kHz. [Conti-ME]
 1215 **UNITED KINGDOM** *Virgin R.* synchros JUL 7 0202 - "I Still Haven't Found What I'm Looking For" by U2; good. [Connelly*B-MA] JUL 29 0104 - *Virgin Radio* mention, female pop-rock vocal; fair, over Spain. [Connelly*R-MA]
 1224 **SPAIN** *COPE* synchros JUL 29 0059 - Parallel 1296 with Spanish discussion; poor. [Connelly*R-MA]
 1287 **SPAIN** *SER* synchros JUL 29 0102 - Parallel 1116 with news; poor to fair. [Connelly*R-MA]
 1296 **SPAIN** *COPE* Valencia JUL 29 0059 - Parallel 1224 with two men and a woman with Spanish discussion; good. [Connelly*R-MA]
 1296 **UNITED KINGDOM** *R. XL*, Langley Mill (52°33'N 01°46'W) JUL 29 0101 - Indian music; under Spain. [Connelly*R-MA 3161mi 5087km]
 1314 **NORWAY** *NRK Kvitsøy* (59°03'N 05°26'E) JUL 7 0149 - "Old Man" by Neil Young, then Norwegian talk; fair. [Connelly*B-MA 3336mi 5368km]
 1359 **SPAIN** *RNE* Arganda del Rey JUN 14 0342 - Man in Spanish. + JUN 17 0328 - Same. [Perkins-NJ] JUN 25 0350 - Spanish talk, then "In A Gadda-da-Vida" by Iron Butterfly; to good peak. [Connelly*B-MA] JUL 29 0101 - Fast-talk Spanish news by woman. [Connelly*R-MA]
 1377 **FRANCE** *France Info*, Lille (50°31'N 02°59'E) JUL 29 0057 - Parallel 1206 with man in French; good, pushing by WMYF pest. [Connelly*R-MA 3400mi 5472km]
 1413 **SPAIN** *RNE5* synchros JUL 29 0111 - Good; talk parallel 1107 kHz. [Conti-MA]
 1413 unID JUL 29 0055 - Two stations, one most likely Spain, the other sounded Middle Eastern: Oman or perhaps a UK ethnic station? [Connelly*R-MA]
 1422 **ALGERIA** Algiers (36°40'N 03°09'E) JUL 5 0424 - Tentative; apparent Arabic male vocal; poor. [Connelly*B-MA 3860mi 6213km]
 1422 **GERMANY** *Deutschlandfunk*, Heusweiler (49°21'N 06°55'E) JUL 29 0043 - Parallel 756 with early '50s "cool school" Lionel Hampton style vibraphone jazz; good, over Algeria. [Connelly*R-MA 3593mi 5783km] JUL 29 0110 - Good; classical music. [Conti-MA 3593mi 5783km]
 1431 **DJIBOUTI** *R.Sawa*, Arta (11°31'N 42°50'E) JUL 23 0008 - Fair; pop music through local lightning noise. [Conti-ME 6712mi 10802km] JUL 29 0044 - Arabic female pop vocal; peaking over WXKS, WNSW, and WENE slop. [Connelly*R-MA 6828mi 10989km] JUL 29 0106 - Good; Bollywood-sounding Mideast pop vocal. [Conti-MA 6828mi 10989km]
 1467 **FRANCE** *TWR* Roumoules (43°47'N 06°09'E) JUN 25 0344 - *TWR* musical box interval; fair to good. [Connelly*B-MA 3759mi 6050km]
 1503 **SPAIN** *RNE5* synchros JUN 17 0306 - Music. [Perkins-NJ] JUL 5 0418 - Music, fast Spanish talk by man and woman; fair. JUL 7 0346 - Spanish teletalk; fair. WTOF seemed off at the

- time. [Connelly*B-MA] JUL 29 0003 - Spanish news; fair with WTOP phased. [Connelly*R-MA] JUL 29 0036 - Excellent; talk parallel 1098 kHz (also excellent). [Conti-MA]
- 1512 **SAUDI ARABIA** BSKSA Jeddah JUL 29 0053 - Arabic talk, vocal; over others, fair with WWZN phased. [Connelly*R-MA]
- 1521 **SAUDI ARABIA** BSKSA Dubai (27°20'N 35°45'E) MAY 9,12,13 0204 to 0300 - Silent carrier, too weak to hear audio by 0257 sign-on (until August). [Perkins-NJ] 5964mi 9599km JUL 29 0206 - Huge open carrier burying 1520 WWKB. [Conti-MA 5725mi 9214km]
- 1548 **KUWAIT** R.Sawa, Kabd-Kuwait City (29°10'N 47°32'E) JUL 23 0011 - Fair; pop Arabic vocal. [Conti-ME 5993mi 9645km] JUL 29 0048 - Pop Arabic group vocal with strings and drums; loud, way over UK station. [Connelly*R-MA 6123mi 9854km]
- 1548 **UNITED KINGDOM** BBC R.Bristol, Mangotsfield (51°30'N 02°28'W) JUL 29 0212 - Good; presumed this with British-accented telephone talk, over unID pop music. [Conti-MA 3153mi 5075km]
- 1557 **FRANCE** France Info, Fontbonne JUN 29 0306 - Good carrier, no audio. [Perkins-NJ] JUL 8 0338 - French newstalk; through WQEW slop. [Connelly*B-MA] JUL 29 0004 - French news by woman; fair. [Connelly*R-MA]
- 1575 **UNITED ARAB EMIRATES** R.Farda, Al Dhabiya (24°11'N 54°14'E) JUL 29 0006 - Mideast dance music; over Spain. [Connelly*R-MA 6650mi 10702km]
- 1584 **CEUTA** RadiOle, Ceuta (35°53'N 05°17'W) JUN 17 0306 - Man in Spanish with pop music over another station (probably SER) with no clear audio. The frequencies were about 5 Hz and 8 Hz below 1584 kHz. [Perkins-NJ 3674mi 5913km] JUL 28 2314 - Spanish vocal on early fade-up; over co-channel SER and slop from 1590 WARV. [Connelly*R-MA 3447mi 5547km]
- 1602 **SPAIN** R.Vitoria, Vitoria (42°51'N 02°39'W) JUL 29 0050 - "Mrs. Robinson" by Simon & Garfunkel, Spanish talk, more pop music; good, over SER. [Connelly*R-MA 3357mi 5403km]

Wells finds summer heat in New Jersey: 44 transatlantic split frequency carriers were heard the morning of June 30. A hopeful sign of things to come?

Pan-American DX

- 530 **TURKS & CAICOS** R.Visión Cristiana Internacional, South Caicos JUL 28 2350 - Mellow Spanish religious music; pre-sunset fade-up. [Connelly*R-MA]
- 540 **MEXICO** XESURF Tijuana JUL 17 1350 - Purity Products Int'l show selling magnetic therapy pads (even taking phone calls) on "Healthline." This was not parallel 1260 KKG0 which had big band music. Then woman with liner "AM 1260 and 540," second woman in Spanish "Transmite en Tijuana, México, XESURE," into "Jewish Soul" program hosted by Phil Glaser, plugging "Jewish Soul" show on KSCI-TV channel 18 Sundays at 9-9:30 a.m. One minute later same program started on KKG0. KKG0 and XESURF noted later at 0122 with different songs so not always simulcasting KKG0. Fair to good. [Park-CA1]
- 600 **MEXICO** XEOCH Ocoingo (16°54'N 92°06'W) JUL 13 1040-1100 - Heard the last few mornings here. This one is from Chiapas, near the southern border with Guatemala. "Quién Radio" is the ID. [Bishop-FL 1002mi 1612km]
- 610 **CUBA** R.Rebelde, Bahía Honda JUL 23 0843 - Fair; nostalgia parallel 5025 kHz. [Conti-ME]
- 610 unID JUL 23 0850 - Poor; Caribbean soca music through R.Rebelde Cuba and domestics. Trinidad back on the air? [Conti-ME]
- 650 **COLOMBIA** HJKH RCN Antena Dos, Bogotá (04°34'N 74°04'W) JUL 23 0852 - Good; "La radio de Colombia" jingle, Antena Dos ID, and salsa music. [Conti-ME 2748mi 4422km]
- 650 **URUGUAY** CX6 SODRE Montevideo (34°49'S 56°22'W) JUL 23 0855 - Tentative; classical music through Antena Dos Colombia, faded at top of the hour. [Conti-ME 5498mi 8848km]
- 650 unID JUL 18 0718 - Two Spanish stations noted, one with norteña music, the other with a man in echo chamber talking, then second man (no echo) talking. It's possible one of them was a mixing product of 930 KHJ and 790 KABC. No 640 KFI splatter. [Park-CA3]
- 670 **CUBA** R.Rebelde, Arroyo Arenas (23°00'N 82°30'W) JUL 22 0215 - Good; "Deportivamente" sports program parallel 5025 kHz. [Conti-ME 1651mi 2657km]
- 700 **VENEZUELA** YVMH R.Popular, Maracaibo (10°39'N 71°37'W) JUL 22 0211 - Fair; "La hora Popular" time check and R.Popular ID, over unID 702 het. [Conti-ME 2318mi 3730km]
- 750 **CUBA** CMHV R.Progreso, Trinidad (21°48'N 79°59'W) JUL 23 0838 - Fair; salsa music parallel 640 kHz. [Conti-ME 1668mi 2684km]
- 760 **COLOMBIA** HJAJ RCN Barranquilla (10°53'N 74°49'W) JUL 22 0230 - Good; "RCN la radio de Colombia" and BBC report about London bombings. [Conti-ME 2322mi 3738km]
- 770 **COLOMBIA** HJJX RCN Bogotá (04°37'N 74°11'W) JUL 22 0231 - Under WABC, news parallel 760 kHz. [Conti-ME 2745mi 4418km]
- 770 **CUBA** R.Rebelde, unknown location JUL 23 0820 - Good; ballad parallel 5025 kHz, over an unID classical music station. [Conti-ME]

- 780 **VENEZUELA** YVMN R.Coro, Coro (11°23'N 69°40'W) JUL 22 0153 - Good; "Desde Coro, ciudad capital de estado Falcón... transmite en amplitud modulada Radio Coro 780... patrimonio de la comunidad." [Conti-ME 2263mi 3641km]
- 790 **CUBA** CMAQ R.Relej, Pinar del Río (22°25'N 83°43'W) JUL 22 0240 - Minute marker and code ID under WSKO. [Conti-ME 1720mi 2769km]
- 800 **MEXICO** XESPN Tijuana (32°31'N 117°01'W) JUL 16 2253 - Heard in passing with LA Angels pregame show before contest with Minnesota, parallel 710 KSPN. Poor; 790 KABC interference. Noted in Anaheim. [Park-CA2]
- 860 **CUBA** CMDB R.Relej, Baracoa (20°21'N 74°29'W) JUL 22 0245 - Good; news, syncopated clock, minute marker and code ID, over an unID Latin American signal. JUL 23 0830 - Good in CIBC null. [Conti-ME 1675mi 2696km]
- 880 **VENEZUELA** YVYM R.Venezuela, Puerto Ordaz (08°15'N 62°42'W) JUL 23 0120 - Fair in WCBS null; "Viva Venezuela" in ad string. [Conti-ME 2507mi 4035km]
- 1000 **BRAZIL** ZYK522 R.Record, São Paulo (23°33'S 46°38'W) JUL 22 0125 - Good; futebol play-by-play in Portuguese, over an unID Latin American signal and 999 Spain het. [Conti-ME 4875mi 7846km]
- 1020 **VENEZUELA** YVRS R.Mundial Margarita, La Asunción (10°55'N 63°48'W) JUL 22 0134 - Good; "...de Radio Mundial Margarita" promo and ad string. [Conti-ME 2316mi 3727km]
- 1030 **MEXICO** XESDD Puerto Nuevo (32°15'N 116°57'W) JUL 15 1728 - Tentative; man in Spanish, ad for insurance company, Norah Jones music with woman, into more smooth jazz, slogan missed. Very poor; some 1020 KTNQ interference. Noted in Newport Beach. [Park-CA2]
- 1090 **MEXICO** XEPRS Rosarita Beach (32°26'N 117°05'W) JUL 18 0520 - Spanish "La Hora de México" newsmagazine program, seven seconds ahead of 690 XETRA. A Sunday night staple on border stations (even if they have US-based studios). Noted later at midnight PLT (0700 UTC) with Mexican national anthem. Fair; unID noted underneath at 0708 with talk. [Park-CA3]
- 1100 **BRAZIL** ZYK694 R.Globo, São Paulo (23°32'S 46°37'W) JUL 23 0053 - Good; many Globo mentions in promo/ad string. [Conti-ME 4808mi 7738km] JUL 29 0113 - Reverberated Portuguese talk, Globo ID; good, over nulled WTAM. [Connelly*R-MA 4805mi 7733km] AUG 5 0300 - Fair in WTAM null and 1098 Spain het; whistles and distinctive Globo IDs. [Conti-NH 4827mi 7768km]
- 1110 **VENEZUELA** YVQT R.Carúpano, Carúpano (10°40'N 63°18'W) JUL 22 0142 - Good; "En Venezuela, Carúpano" with time check and nostalgia. [Conti-ME 2337mi 3761km] AUG 5 0155 - Good in WBT null; rustic music, R.Venezuela promo. [Conti-NH 2262mi 3640km]
- 1140 **VENEZUELA** R.Porlamar, Porlamar (10°57'N 63°51'W) JUL 22 0023 - Good; "En Porlamar, la voz del Caribe, ocho veinte tres minutos." [Conti-ME 2313mi 3723km]
- 1500 **VENEZUELA** YVRZ R.Dos Mil, Cumaná (10°24'N 64°09'W) JUL 23 0056 - Fair; tropical music in WTOP null. [Conti-ME 2348mi 3779km] JUL 29 0045 - Fair in WTOP null; Radio Noticias promo in ad string. [Conti-MA 2256mi 3631km]
- 1620 **US VIRGIN ISLANDS** WDHP Fredriksted, St. Croix (17°43'N 64°53'W) JUL 28 2313 - Accented English talk, reggae music; fair over Boston Haitian pirate, about an hour before sunset. [Connelly*R-MA 1752mi 2819km]

Bruce DXpeditioning in Maine and Massachusetts: MW DXing is a year 'round hobby, taking advantage of summer weather to visit prime locations. A camping DXpedition to Maine was in parallel with a worldwide coastal DX effort organized over the Internet for July 22-24. John Bryant joined the fun from Grayland, Washington (his logs follow). Then on July 28-29, the Boston Area DXers convened for their annual "DX Clams" dinner at Woodman's of Essex, Massachusetts, followed by DXpeditioning at Granite Pier, Rockport. Mark Connelly was among the DX clammers, and uploaded photos at http://home.comcast.net/~dx_lab/dx_clams_2005.htm. Reception conditions weren't the greatest, but definitely improved between July 22 and 29. All in all, not bad for midsummer though.

Transpacific DX

- 576 **AUSTRALIA** 2RN Sydney (33°57'S 150°53'E) JUL 22 1255 - Easy listening music until top of the hour, then ABC time pips into news. Fair level. Also heard July 24. [Bryant-WA 7656mi 12322km]
- 576 **NEW ZEALAND** 1XLR Southern Star, Hamilton JUL 23 1236 - Heard parallel to much poorer 657 Wellington. Fair level with usual quiet pops/easy listening music program hosted by a male announcer. [Bryant-WA]
- 594 **AUSTRALIA** 3WV Horsham (36°39'S 142°15'E) JUL 22 1232 - Noted here with fair signal and only wrote down 'man talk.' Sorry. [Bryant-WA 8146mi 13110km]

- 594 **JAPAN** JOAK *NHK1* Tokyo (35°41'N 139°48'E) JUL 24 1207 - Heard briefly at poor level in definite Japanese. [Bryant-WA 4746mi 7638km]
- 612 **AUSTRALIA** 4QR *ABC MS*, Brisbane (27°19'S 153°01'E) JUL 22 1233 - First noted at 1233 on first morning of DXpedition. Heard all three mornings, sometimes at good level. [Bryant-WA 7247mi 11663km]
- 639 **FIJI** *Fiji BC*, Lautoka (17°36'S 177°28'E) JUL 23 1240 - Heard with a huge signal at max dawn with a (7th Day Adventist?) church service in Fijian. The hymns were wonderful. The tradition of world-class Polynesian choirs is alive and well in Lautoka. Heard also at much reduced level on July 24th. [Bryant-WA 5727mi 9217km]
- 675 **AUSTRALIA** 2CO Corowa (35°57'S 146°25'E) JUL 24 1217 - Presume this old friend noted in passing with male announcer speaking in Australian. [Bryant-WA 7937mi 12774km]
- 693 **JAPAN** JOAB *NHK2* Tokyo JUL 22 1123 - Heard with parallel program to 774 at poor level. Over 30 minutes before sunset at the transmitter. Also heard July 24. [Bryant-WA]
- 702 **AUSTRALIA** 2BL *ABC MS*, Sydney (33°57'S 150°53'E) JUL 22 1230 - First noted at 1230. This *ABC* station was the most reliable during the DXpedition. Heard all three mornings, sometimes at quite good level. [Bryant-WA 7656mi 12322km]
- 738 **AUSTRALIA** 2NR *ABC RR*, Grafton (29°30'S 153°07'E) JUL 22 1235 - Heard here well with two men in Aussie English. Heard *ABC* news at 1300 at lower level as the band began to fade with local dawn at Grayland. Heard also July 23. No sign of *R.Tahiti* on either morning. On July 24, heard both stations, separately, within a one hour stretch at dawn. [Bryant-WA 7349mi 11827km]
- 738 **TAHITI** *R.Tahiti*, Mahina (17°29'S 149°27'W) JUL 24 1218 - Noted here at good level with news/features in French until 1220, then into traditional Tahitian drumming of the form that accompanies their famous high-speed hula. Ah, the mental picture! [Bryant-WA 4697mi 7559km]
- 774 **AUSTRALIA** 3LO *ABC MS*, Melbourne (37°43'S 144°47'E) JUL 22 1304 - Noted here in place of the Japanese. All alone at good level with *ABC* news. Heard also July 23 and 24. [Bryant-WA 8085mi 13011km]
- 774 **JAPAN** JOUB *NHK2* Akita (39°43'N 140°07'E) JUL 22 1050 - First noted during an odd Japanese opening almost an hour before sunset at the transmitter, running a program in a Southeast Asian language in the several minutes prior to top of the hour. At the hour, *NHK* time pips into the news in Japanese. Heard mixing with the Aussie on July 23. Fair level both times. [Bryant-WA 4546mi 7316km]
- 783 **NEW ZEALAND** 2YB *Access Radio*, Titahi Bay, Wellington (41°06'S 174°51'E) JUL 22 1240 - Probably this one noted throughout the DXpedition with various English and ethnic programs. Heard all three mornings as the most reliable New Zealand station. [Bryant-WA 7119mi 11456km]
- 792 **AUSTRALIA** 4RN Brisbane (27°19'S 153°01'E) JUL 23 1300 - Good with instrumental music until just prior to top of the hour when male announcer mentioned *ABC*. Into *ABC* pips and then a sudden fade. I presume that *ABC* news followed. Also heard on July 24. [Bryant-WA 7247mi 11663km]
- 828 **AUSTRALIA** 3GI *ABC RR*, Sale (38°11'S 147°06'E) JUL 27 1231 - Noted in passing with Aussie talk. Fair level with the *NHK* station beneath. [Bryant-WA 8008mi 12888km]
- 828 **JAPAN** JOBB *NHK2* Osaka (35°57'N 137°16'E) JUL 24 1204 - Noted here at fair to good level parallel weaker 693 Tokyo with interview of a Yank speaking English. Weird for a newscast; Japanese questions, Yank English answers. [Bryant-WA 4837mi 7784km]
- 954 **JAPAN** JOKR Tokyo JUL 22 1127 - Noted here in passing with fair level at well before sunset at the transmitter. Two men talking in Japanese. [Bryant-WA]
- 1035 **NEW ZEALAND** 2ZB *NewsTalk ZB*, Titahi Bay, Wellington (41°06'S 174°51'E) JUL 24 1230 - Heard here with DU talk, followed by a commercial string with mentions of New Zealand and several cities. Fair level. [Bryant-WA 7119mi 11456km]
- 1134 **JAPAN** JOQR Tokyo JUL 24 1155 - Heard here briefly at poor level with definite Japanese talk by male. [Bryant-WA]
- 1197 **JAPAN** JOWL Asahikawa, Hokkaido (43°46'N 142°22'E) JUL 22 1102 - Presume this 3 kW STV relay was the one carrying news in Japanese just after 1100, at least 30 minutes before local transmitter sunset. Fair level. [Bryant-WA 4276mi 6882km]
- 1242 **JAPAN** JOLF Tokyo JUL 22 1129 - Also noted with poor level in Japanese as part of the pre-sunset at the transmitter opening. [Bryant-WA]
- 1287 **JAPAN** JOHR Sapporo (43°04'N 141°20'E) JUL 22 1110 - Noted in passing with good level. News/comment by two males in Japanese. Thirty minutes or so before transmitter sunset. [Bryant-WA 4347mi 6996km]

- 1332 **AUSTRALIA** 4BU Bundaberg (24°51'S 152°24'E) JUL 24 1240 - Presume this from our old friend, with the usual light rock programming hosted by a male announcer. [Bryant-WA 7153mi 11512km]
- 1548 **AUSTRALIA** 4QD Emerald (23°28'S 148°09'E) JUL 23 1321 - Fair to poor near band fade with Aussie talk by male. I believe this was a sports roundup. Also heard on July 24. [Bryant-WA 7276mi 11709km]
- 1557 **AUSTRALIA** 2RE Taree (31°56'S 152°28'E) JUL 23 1324 - Clearly an Aussie country music program hosted by a male announcer. With multiple mentions of 'Country Music' and possibly 'Country Music Radio,' this signal lasted until 1346 with at least threshold audio, almost an hour after local dawn at Grayland. Thought that this might be the new 5-call country station listed in Portzer's *PAL*, but online investigation after I returned home makes this almost certainly 2RE. Heard also at band fade on July 24. [Bryant-WA 7494mi 12060km]
- 1566 **AUSTRALIA** 3NE Wangaratta (36°19'S 146°22'E) JUL 22 1247 - First heard here near max dawn on the 22nd, mixing with HLAZ. Good level with their usual old-time rock and roll programming. Elvis and "Hound Dog" never sounded so good. By 1325 band fade was all alone and still good level. Heard at similar level on July 23. [Bryant-WA 7956mi 12804km]
- 1566 **SOUTH KOREA** HLAZ Cheju Island (33°28'N 126°23'E) JUL 22 1115 - Noted at good level in Asian language well over an hour before sunset at the transmitter. Heard throughout the DXpedition. It was a toss-up as to whether one of the two would be alone or whether the would be mixing. [Bryant-WA 5388mi 8672km]
- 1593 **JAPAN** *NHK2* synchros (Shimane/Matsue) JUL 22 1136 - Noted here parallel 774 with fair level before end of the pre-sunset at transmitter opening. [Bryant-WA]

John DXpeditioning in Grayland: This "reads better than it was" with only one transpacific signal ever being really above "fair," the 639 Fiji, that boomed in on the second morning. Aw well... was still wonderful.

Contributors

- Gerry Bishop, Niceville FL (30°31'N 86°30'W).
 John Bryant, Grayland WA (46°48'N 124°06'W).
 Mark Connelly, Billerica MA (42°32'N 71°13'W); Drake R8A, Palstar R30, Flag; 5-m vert. x 10.6-m horiz., base ht. 5 m, peak 90°, null 270°; longwire: noise-reduced, 30 m at 90°, matching transformers, Superphaser-2 phasing unit.
 Mark Connelly, Rockport MA (42°40'N 70°37'W); Drake R8A, DXP-6 phasing unit, 3-m whip (MFJ-1954) to DX Engineering AVA-1 buffer amplifier; broadband loop, in vertical plane, square, 2 m per side, to 1:1 transformer to DX Engineering RPA-1 line amplifier, peak east-west, null north-south.
 Bruce Conti, Camden ME (44°14'N 69°03'W); R8B, MWDX-5, wires 200-m 180° south, 750-m 90° east.
 Bruce Conti, Rockport MA (42°40'N 70°37'W); R8B, MWDX-5, 6-m vertical, 3 x 4 m broadband loop.
 Bruce Conti, Nashua NH (42°43'N 71°31'W); R8B, MWDX-5, 15/23/15-m Ewe antennas east and south.
 Dale Park, (1) Newport Beach CA; Sangean ATS-818CS, (2) Orange County CA; Ford car radio, (3) Los Angeles CA; Sangean ATS-818CS.
 Wells Perkins, Scotch Plains NJ (40°39'N 74°23'W); WJ HF1000, JPS ANC-4 and NRF-7, 365-ft 36° north-east Beverage 10-inches over ground, 193-ft longwire.

International News

- CUBA:** 530 *R.Rebelde* has recently increased its power at times, especially when *R.Martí* is up and flying. Reported all along the Florida Gulf coast. [W.Curt Deegan, *DX Listening Digest* via *ARC LA News Desk*]
- GAMBIA:** 648 *GRTS* Bonto, noted on 20 July at 2243, English, home news, reports on football matches. [Carlos Gonçalves BC-DX, via Bob Hill BADX]
- MEXICO:** 1240 XERO *R.Recuerdo*, Aguascalientes, ex-1260 kHz. 1470 XEH1 *R.Fórmula*, Cd. Miguel Alemán, new name. [Jim Solatie, *ARC LA News Desk*]
- UNITED ARAB EMIRATES:** Ending the parallel transmission of BBG's *Radio Farda* at the Dhabbaya site on both 1170 and 1575 in the last couple of months, the 800 kW transmitter on 1170 has been switched to *Radio Sawa*. [Bernd Trutenau MWDX] There are four separate music streams on MW: (1) 990 and 1260, (2) 1170, (3) 1431 and (4) 1548 kHz. They all carry the same news bulletins at 15 and 45 minutes past the hour. [Mauno Ritola]

73 and Good DX!

Expiring? Time to renew? Not sure when? Need to call or e-mail someone or join the listserv? Check the back page - it's all right there!

Professional Sports Networks

Barry S. Finkel bsfinkel@ANL.gov
10314 S. Oakley
Chicago, IL 60643-2409
Network listings for team sports stations

Professional football is back! The season has already started in Canada, and the National Football League teams are in training before the first pre-season games. I need any NFL flagship lists and network lists that you find. Morris Sorensen sent me the following Canadian Football League information, which he has compiled from his monitoring/research and the monitoring of fellow DXers Eric Floden, Mick Delmage and Fred Waterer. Morris will take full responsibility for any errors or omissions and will be pleased to make any corrections you may have.

Canadian Football League Flagship Stations and Networks-2005 Eastern Conference

Hamilton Tiger-Cats	900	CHML-ON *
Montreal Alouettes	800	CJAD-QU * (EE)
	730	CKAC-QU * (FF)
Ottawa Renegades	1200	CFGO-ON * (EE)
	1150	CJRC-QU * (FF) (based on 2004 list)
Toronto Argonauts	640	CFYI-ON *

Western Conference

BC Lions	1040	CKST-BC *
	610	CHNL-BC
	630	CKOV-BC
	1070	CFAX-BC
	1230	CJNL-BC
	1240	CKMK-BC
	1340	CINL-BC
	1400	CHNL-1-BC
	92.1	CFNR-BC Terrace-Thornhill
	96.1	CFNR-BC Kitimat-Queen Charlotte Islands
	98.1	CFNR-BC Prince Rupert
	99.3	CKDV-BC
	106.7	CHNL-BC Logan Lake
	107.1	CHNL-BC Sorrento-Shuswap
Calgary Stampeders	770	CHQR-AB *
Edmonton Eskimos	630	CHED-AB *
Saskatchewan Roughriders	620	CKRM-SK *
	600	CJWW-SK
	940	CJGX-SK
<i>There may be others as well.</i>		
Winnipeg Blue Bombers	680	CJOB-MB ^a
	730	CKDM-MB
	920	CFRY-MB ^b
	1220	CJRB-MB
	1570	CKMW-MB
	93.1	CFRY-MB ^b



Shopping Center of Southeast Kansas

Notes:

- * flagship station
- a CJOB may rebroadcast games from other stations inserting their own IDs and ads when the Bombers are not playing.
- b CFRY and CFRY-FM are not on Bombers list but I have noted them with all games so far.
- c Have listed city of licence for some FM calls which are not in current FM Atlas. Some of these may have additional numbers such as CFNR-1 etc.

For Beginners

Greg Harris wdx9khy@sbcglobal.net
262 Juniper St.
Park Forest, IL 60466-1725

Shared techniques for the new and experienced DX'er

Hello - I'm Greg Harris and I've been a BCB DX'er since 1970. I started at age 12 when I was in the car with my dad and heard WBAP in Texas on 820 Khz where WAIT in Chicago had been during the day. I can't describe how thrilled I was. This was coming over the air all the way from Texas! At home I discovered there were many stations I could hear.

A visit to a local drugstore/whatnot shop's magazine rack yielded a copy of a defunct radio hobbyist magazine, and I discovered the mysteries of writing reception reports and receiving QSL cards for them. My first was from WLW. At age 17 I enlisted in the US Navy as a radio striker. Now 20 plus-years later I'm back home.

I well remember the myriad of questions I had when new to the hobby. My aim is to hopefully answer some of those questions. NRC has a wealth of experienced members, and I hope for their input as well.

Before any listening can begin I have to have a receiver to do it with. What kind of receiver? Which is best? I will not presume to say which is the "best receiver" for AM DX'ing; ask 20 DX'ers and we'll get 20 different answers. One of the appealing things about broadcast band DX'ing is that it need not cost a king's ransom. In all likelihood you already have an AM receiver of some sort that will get you started. Some people have gotten excellent results from receivers found in the attic after being there for decades. A note of caution: If you try one of these have the power cord checked; also, check your capacitors. The receivers in AM/FM Cassette players CAN work but are mostly non-sensitive and not very selective.

In summary: Just about ANY receiver that covers the AM broadcast band can receive distant stations (I had a friend who had copied the VOA station in the Ryukyu Islands on one of the Panasonic "ball radios" then popular). There are plenty of receivers that are serious DX inhalers and suggestions about these may be obtained from experienced friends or on the AM forum or in *DX News*. At first, use what you have and spend time at the dials.

Continued from page one

sharing is limited to FOUR per room. Registration is \$45 for convention and banquet/\$35 for wives; \$20 for convention only, no banquet/ \$10 for wives. For more info: e-mail Dave @ nrcmusings@aol.com. Those coming to Philadelphia Airport from the convention can take advantage of the SEPTA local train service from the airport to Lansdale. Info is available via www.septa.com. This would be done by using the R1 train from the airport with a connection being made to the R5 line at 30th Street Station (the R5

line can also be used for Amtrak). Service during the day is hourly; cost is about \$7, depending on needs. Once at Lansdale, the hotel offers shuttle service from Lansdale station to the hotel, or someone at the convention will come and pick them up.

And if all of the above wasn't enough to keep Dave busy, he's featuring "Reintroduction Musings" for the October 3 DXN ... so why not reintroduce yourself in a Musing? His deadline is about September 20.

See you at the convention?

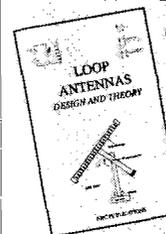
Are you expiring?

We hope not! To avoid expiration, mail your remittance to P. O. Box 5711 - Topeka, KS 66605-0711 **early**. Allow **at least three weeks** after mailing your check or money order for new renewal data to appear on your mailing label.

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Memory Dredging

Dredged memories of DX'ing, DX'ers, and the National Radio Club

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Many of today's 600-plus members of the National Radio Club have been involved, as I have, in all five interrelated aspects of this hard-to-explain hobby we share.

In March, 2006, I will celebrate the 50th anniversary of my joining the National Radio Club, and, possessing a trivia-filled memory and a strong proclivity to ramble on about all the flotsam and jetsam that fills this old gray head of mine, the suggestion that I write a column dredging some of these memories opened a floodgate that begins with this issue of DX News.

One of the programs I most enjoyed about the time I started DX'ing was "The Hawthorne Thing," conducted on the ABC Pacific Network by a zany DJ named Jim Hawthorne, back in the 1948-49 radio year. I fought QRM from CJIB in Vernon, B.C., and KVAL in Amarillo, Texas, to listen to Hawthorne from 10:30 to 11 p.m. Monday through Saturday in Corvallis, Ore., on the old KTKC-940, Visalia, Calif. It thrilled me, 50 years later, to discover that Hawthorne, my early hero, was writing a memory column for the now defunct Radio Digest webzine. He called the process by which he conjured up those wonderful stories of radio in the '40s "Memory Dredging," and I have selected that label as the title for these efforts of mine.

The focus of Hawthorne's column was the people who made all that wonderful radio history; and the people who have played roles in the National Radio Club (as well as other organizations and publications that have made the "hobby of our lives") will be the focus of this new column.

In a stroke of good timing, one of today's top DX'ers, Mark Connelly, has submitted an outstanding story of how he got started in the DX'ing hobby, which leads us to what I hope can become another, closely-related, feature in these pages ... similar stories from currently active DX'ers.

It was fitting, I suppose, that of the eight people who joined me in Irving, Texas, this summer for the Worldwide FM-TV DX Association's convention, my relationship with four of them dates from between 15 and 46 years. I first met Ernie Wesolowski at NRC's Omaha Convention in 1959; Frank Merrill at his teen-age home in Milan, Mich., on my way to the NRC Buffalo convention in 1964; John Zondlo at the International Radio Club of America convention in Columbus, Ohio, in 1975; and Paul Swearingen at the NRC convention — again in Omaha — in 1991.

From the very beginning of my association with the National Radio Club, it was the people who welcomed me into the NRC back in March of 1956 that made this club one of the most important and satisfying parts of my life.

Program listening, back in the days of the great network comedies starring Jack Benny and Fred Allen, quiz shows like "Truth or Consequences" and "The \$64 Question," mysteries like "The Shadow" and "Mr. and Mrs. North," and musical remotes such as the big bands at the Roosevelt Hotel in New Orleans on WWL-870 and western swing from the Pier at Santa Monica on the KVFD-1020, coupled with the appearance at our house of an old White's Radio Log, segued me first into DX'ing and then into a career in broadcasting.

That career in broadcasting started at KCOV-1240 in Corvallis in 1955. I had been a DX'er since 1947, though I didn't know the term until I discovered shortwave broadcast DX'ing via Ken Boord's International Shortwave Column in Radio & Television News in 1950. I had joined the Newark News Radio Club and the Universal Radio DX Club for their SWBC coverage in 1955, but I didn't discover the NRC until, at KCOV, I received a reception report from Roy H. Millar of Issaquah, Wash.

I confirmed Roy's report, noting that I had been on the fringes of the hobby for a while. He recruited me for 1) the NRC and 2) to do a DX Special from KCOV, and that launched me into the next often fascinating and sometimes frustrating 50 years of my life.

Several NRC'ers who reported reception of KCOV followed up my verification letter with correspondence welcoming me into the club. Jim Critchett, Raleigh Biss and Albert Lehr in California and Buddy Giles in Oklahoma City stand out in my memory. Lehr, nearly 50 years later, scanned a copy of the verification letter I'd written him and sent it to me for my memory files!

Editor Ernie Cooper's "Musings of the Members" section, in which NRC'ers would report their DX and other related activities in narrative form, appealed to the gregarious half of my nature, and I felt at home among the many like-minded souls who shared my interest in radio.

During the spring of 1956, I had noted that prospective employers would ask me about my draft status, so I thought it would be wise to volunteer for the draft and get my military obligation behind

me. Less than three months after the KCOV DX test, I was on my way to basic training at Fort Ord, Calif., and then to the Army Information School at Fort Slocum, N.Y. Fort Slocum was on an island just off New Rochelle, one island over from the WCBS transmitter, and an easy run via commuter rail and subway to 438 E. 21st St., the Brooklyn home of the legendary Ernie Cooper. Ernie was the first NRC member I met in person, and Bernie Duffy of Staten Island was the second.

After AIS, I was assigned to the 87th Infantry Regiment, 10th Division Public Information Office in Aschaffenburg, Germany, from where I shared my DX observations with club members both through Ernie Cooper's column and International DX Digest, edited at the time by Fred Van Voorhees. Two other club members, in the service at the time, contributed to both columns, Pete Taylor, a Coast Guard officer stationed in Hawaii but often DX'ing at sea in the South Pacific, and Jack Hathaway, an Air Force sergeant on embassy duty in Tegucigalpa, Honduras.

Ironically, I was to cross paths with both gentlemen in important ways. Hathaway's last assignment before his retirement from the Air Force was at Amarillo Air Force Base in the Texas Panhandle, where I was to wind up after my two-year hitch was completed. My father had moved from Oregon State to become Dean of the School of Business at West Texas State just south of Amarillo and that's where I went in 1958.

Hathaway was three credit hours away from his M.B.A., I introduced him to my father, and they arranged for a three-hour course to enable Jack to complete his graduate studies. In the '70s, Hathaway was in the registrar's office at the University of Illinois while I was at WMIX in Mt. Vernon, a few miles south on I-57, and we traded visits when I broadcast basketball games and Jack's stepson played on a Champaign team that competed against the Mt. Vernon Rams.

In 1966, after I'd left the Panhandle for a news job at KILT-610 in Houston, Taylor surprised me with a job offer to help put on a news- and information-oriented station in Cambridge, Mass. The three years I spent at tiny WCAS-740, a 250-watt daytimer that concentrated on intense news coverage of five Boston suburbs, was the most satisfying job in the 25 years I spent as a broadcaster. Would you believe information gathered by one of my \$2.25/hour minimum wage part-time reporters at WCAS would form the foundation for a Pulitzer Prize in 1971 for the Boston Globe? And would you further believe that WCAS, now WJIB, today is owned and operated by a former NRC member?

Back to 1958! I was so imbued with the spirit of the NRC that I took my mustering out pay from the Army and financed a Greyhound bus tour from the Panhandle to the Pacific Northwest and back, with the avowed purpose of visiting some of the DX'ers whose correspondence had boosted my spirits while I was in Germany. I enjoyed the hospitality offered by Norm Maguire in Albuquerque (who had verified so many Japanese BCB stations a broadcast executive from Tokyo made it a point to visit Norm when the exec came to America on business); young Bus Boatman in Scottsdale, Ariz. (whom I'd met earlier that summer in Stillwater, Okla., before his parents moved farther west); Raleigh Biss in Palm Springs, Calif., (who had just completed wiring a hi-fi installation at the home of opera singer Lily Pons and her husband, orchestra leader Andre Kostelanetz); Jim Critchett in San Diego, Calif. (where I met the DX'ing cat, Jackson Moran); Hank Wilkinson, Karl Raymond, John Alexander and Ted Vasilopolous in the Los Angeles area; Bill Flynn in Pittsburg, Calif. (notably an SWBC DX'er but an NRC member at the time); and, of course, Roy Millar in Issaquah, Washington.

Back in 2003, I had written a memorial tribute to Roy that was picked up from the NRC list and published on the web in Glenn Hauser's "DX'er's Notebook." In it, I wrote of Roy's recruiting me into the club, my purchasing for him a gorgeous Grundig-Majestic table model radio while I was in Germany, and his supplying me with taped DX-erpts of outstanding foreign reception (such as Estonia, as heard in Washington state) in the '60s when I was doing a five-minute BCB tape for Errol Urbelis' DX show on the old WNYW. Roy's son, Kevin, found that article on the web, e-mailed me, and informed me that the nearly 50-year-old radio was still in use by Roy's survivors.

As the NRC heads toward its 75th anniversary in 2008, there seems to be little romance or fascination with radio programming in this cookie-cutter, automated, non-personality era; DX-ing is constricted by a high noise floor and 24-hours-a-day, seven-days-a-week operations by nearly every station in North America; and my broadcasting career ended in 1981 when I switched to print journalism.

But there's still the National Radio Club itself and the diversified people that make it run, plus the dredgible memories that this old Krumudgeon can expound upon that I hope will bring as much enjoyment to the reader as they bring to the writer. It's the stations that the DX is built around, but it's the people who make the club.

As we used to write at the end of an unfinished newspaper story:

"More to kum"

What? You missed another short-notice DX test because you forgot to sign up for the NRC/DXAS online reflector? Proceed directly to www.nrcdxas.org and follow the indicated links to join up. It's free!

Graveyard Achievements

Distance records for stations logged on graveyard frequencies



Logged from Jan 1, 1960 to Present
Date of Last Update: June 26, 2005

* indicates record held by DXer from North America (excluding Alaska)
indicates record held by a DXer in Alaska or Hawaii

Station	City	Dxer	DX Location	Miles
WDNG	AL	Anniston	Carl Dabelstein	Overland Park, KS 615
WSMQ	AL	Bessemer	Mike Hawk	Omaha, NE 732
WDLK	AL	Dadeville	Jim Renfrew	Rochester, NY 837
WDIG	AL	Dothan	Don Trelford	Runaway Bay, Jamaica 1019
WFIX	AL	Huntsville	Carl Dabelstein	Lincoln, NE 686
WLAY	AL	Muscle Shoals	Carl Dabelstein	Omaha, NE 642
WLAY	AL	Muscle Shoals	Ernie Wesolowski	Omaha, NE (Tie) 642
KLAM	AK	Cordova	Esa Hänninen	Lemmenjoki, Finland 3497
KAWT	AZ	Douglas	Phil Bytheway	Seattle, WA 1311
KNOT	AZ	Prescott	Tim Hall	Solvang, CA 439
KVSL	AZ	Show Low	Wayne Heinen	Aurora, CO 473
KOPO	AZ	Tucson	Mike Hardester	Modesto, CA 674
KENA	AR	Mena	Carl Dabelstein	Overland Park, KS 307
KCLA	AR	Pine Bluff	Steve Francis	Alcoa, TN 470
KYOR	CA	Blythe	Mike Sanburn	Bellflower, CA 214
KAVA	CA	Burney	Nancy Johnson	Aberdeen, WA 436
KOWN	CA	Escondido	Michael Rolph	Oakwood, NSW 7406
KFSD	CA	Escondido	Tim Hall	The Sea Ranch, CA *526
KGAM	CA	Palm Springs	Tim Hall	Carmel-by-the Sea, CA 359
KTIP	CA	Porterville	Frank Merrill	Nenana, AK # 2319
KTIP	CA	Porterville	Tim Hall	Yellowstone Lake Village, WY *866
KEST	CA	San Francisco	Esa Hänninen	Lemmenjoki, Finland 4907
KSOL	CA	San Francisco	Dave Whatmough	Hamilton, ON *2244
KVML	CA	Sonora	Pete Taylor	Tacoma, WA 653
KVEN	CA	Ventura	Michael Rolph	Oakwood, NSW 7329
KVEN	CA	Ventura	Phil Bytheway	Seattle, WA *937
KOBO	CA	Yuba City	Esa Hänninen	Lemmenjoki, Finland 4799
KOBO	CA	Yuba City	Bill Harms	Spokane Valley, WA *630
KGIW	CO	Alamosa	Olle Alm	Abisko, Sweden 4600
KGIW	CO	Alamosa	Frank Merrill	Milan, MI *1222
KDMN	CO	Buena Vista	Tim Hall	Green River, WY 211
KGRE	CO	Greeley	Olle Alm	Abisko, Sweden 4386
KATR	CO	Greeley	Jim Boehm	San Antonio, TX *836
KDRW	CO	Silverton	Niel Wolfish	Winnipeg, MB 959
WNAB	CT	Bridgeport	Frank Wheeler	Erie, PA 423
WILM	DE	Wilmington	Don Trelford	Runaway Bay, JMC 1477
WILM	DE	Wilmington	Steve Francis	Alcoa, TN *535
WOL	DC	Washington	Barry McLarnon	Ottawa, ON 451
WWJB	FL	Brooksville	Jerry Starr	Youngstown, OH 872
WMEJ	FL	Daytona Beach	Andy Rugg	Montreal, QC 1196
WOCN	FL	Miami	Joe Kureth	Southern Pines, NC 648
WBSR	FL	Pensacola	Don Trelford	Runaway Bay, Jamaica 1040
WBSR	FL	Pensacola	Carl Dabelstein	Lincoln, NE *891
WSPB	FL	Sarasota	Dave Whatmough	Hamilton, ON 1111

WSTU	FL	Stuart	Don Trelford	Runaway Bay, Jamaica 1079
WTAL	FL	Tallahassee	Charles Reh	Leamington, ON 808
WGPC	GA	Albany	Don Trelford	Runaway Bay, JMC 1007
WBHF	GA	Cartersville	Russ Johnson	Lexington, NC 282
WCON	GA	Cornelia	Carl Dabelstein	Lincoln, NE 840
WKEU	GA	Griffin	Ron Bailey	Shelby, NC 209
WMVG	GA	Milledgeville	Don Trelford	Runaway Bay, Jamaica 1079
WMVG	GA	Milledgeville	Jeff Falconer	Clinton, ON *735
WQQT	GA	Savannah	Russ Edmunds	Parsippany, NJ 711
WVLD	GA	Valdosta	John Wilkins	West Des Moines, IA 946
KBFI	ID	Bonnors Ferry	Shawn Axelrod	Winnipeg, MB 867
KVSI	ID	Montpelier	Phil Bytheway	Seattle, WA 651
KORI	ID	Payette	Esa Hänninen	Lemmenjoki, Finland 4420
KIOV	ID	Payette	Barry McLarnon	Ottawa, ON* 2001
KEZJ	ID	Twin Falls	Olle Alm	Abisko, Sweden 4411
KEZJ	ID	Twin Falls	Shawn Axelrod	Winnipeg, MB *962
WCEV	IL	Cicero	Shawn Axelrod	Winnipeg, MB 708
WVON	IL	Cicero	Shawn Axelrod	Winnipeg, MB 718
WKEI	IL	Kewanee	Barry McLarnon	Ottawa, ON 766
WCVS	IL	Springfield	Russ Edmunds	Parsippany, NJ 818
WAFX	IN	Fort Wayne	Niel Wolfish	Winnipeg, MB 833
WLYV	IN	Fort Wayne	Shawn Axelrod	Winnipeg, MB (Tie) 833
WXVW	IN	Jeffersonville	Niel Wolfish	Winnipeg, MB 968
WASK	IN	Lafayette	Niel Wolfish	Winnipeg, MB 814
WAOV	IN	Vincennes	Bill Dvorak	Madison, WI 318
KCDR	IA	Cedar Rapids	John Wilkins	Wheat Ridge, CO 715
KWBW	KS	Hutchinson	Shawn Axelrod	Winnipeg, MB 803
WTCO	KY	Campbellsville	Russ Edmunds	Little Silver, NJ 652
WWXL	KY	Manchester	Jeff Falconer	Clinton, ON 462
WPAD	KY	Paducah	Shawn Axelrod	Winnipeg, MB 968
WLKS	KY	West Liberty	Jeff Falconer	Clinton, ON 404
KSIG	LA	Crowley	Ron Schiller	Lighthouse Point, FL 794
KNOC	LA	Natchitoches	Frank Merrill	Milan, MI 883
WNPS	LA	New Orleans	Charles Reh	Leamington, ON 935
WRKD	ME	Rockland	Jean Burnell	St. John's, NF 825
WKTQ	ME	South Paris	Don Voorhies	Oswego, NY 303
WTBO	MD	Cumberland	Barry McLarnon	Ottawa, ON 423
WTHU	MD	Thurmont	Barry McLarnon	Ottawa, ON 405
WNBP	MA	Newburyport	Russ Edmunds	Blue Bell, PA 294
WMAS	MA	Springfield	Barry McLarnon	Ottawa, ON 276
WATZ	MI	Alpena	MB DXpedition	Valhalla Beach, MB 734
WHTC	MI	Holland	Barry McLarnon	Ottawa, ON 542
WMIQ	MI	Iron Mountain	Niel Wolfish	Winnipeg, MB 500
WMIQ	MI	Iron Mountain	Shawn Axelrod	Winnipeg, MB (Tie) 500
WIBM	MI	Jackson	Ron Musco	Windsor, CT 658
WKLA	MI	Ludington	Barry McLarnon	Ottawa, ON 532
WNBY	MI	Newberry	Russ Edmunds	Parsippany, NJ 679
WHLS	MI	Port Huron	Steve Francis	Alcoa, TN 503
KATE	MN	Albert Lea	Olle Alm	Abisko, Sweden 3963
KATE	MN	Albert Lea	Barry McLarnon	Ottawa, ON *874
KBUN	MN	Bemidji	Gary Atkins	Louisville, KY 805
KBMW	MN	Breckenridge	Esa Hänninen	Lemmenjoki, Finland 3975
KBMW	MN	Breckenridge	Morris Sorensen	Leaf Rapids, MB *755
WELY	MN	Ely	Joe Kureth	Uniontown, MD 931
KCLD	MN	St. Cloud	Don Trelford	Scarborough, ON 743
WROX	MS	Clarksdale	Andy Rugg	Waterloo, ON 820
WCJU	MS	Columbia	Joe Kureth	Uniontown, MD 921
WJXN	MS	Jackson	Charles Reh	Leamington, ON 791
WMGP	MS	Meridian	Don Trelford	Scarborough, ON 940
WNAT	MS	Natchez	Tim Hall	Irving, TX 337
WROB	MS	West Point	Jerry Starr	Youngstown, OH 678

KFTW	MO	Fredericktown	Jim Boehm	San Antonio, TX	731
WMBH	MO	Joplin	Niel Wolfish	Winnipeg, MB	903
WMBH	MO	Joplin	Shawn Axelrod	Winnipeg, MB	(Tie) 903
KIRX	MO	Kirksville	Niel Wolfish	Winnipeg, MB	692
KIRX	MO	Kirksville	Shawn Axelrod	Winnipeg, MB	(Tie) 692
KIRX	MO	Kirksville	Morris Sorensen	Winnipeg, MB	(Tie) 692
KOKO	MO	Warrensburg	Paul Mount	Teaneck, NJ	1055
KWPM	MO	West Plains	Steve Francis	Alcoa, TN	443
KXXL	MT	Bozeman	Tim Hall	Fitz Hugh Sound, BC	876
KUDI	MT	Great Falls	Esa Hänninen	Lemmenjoki, Finland	4120
KUDI	MT	Great Falls	Ernie Wesolowski	Omaha, NE	*872
KGRZ	MT	Missoula	Nancy Johnson	Aberdeen, WA	462
KRBN	MT	Red Lodge	Shawn Axelrod	Winnipeg, MB	644
KRBN	MT	Red Lodge	Phil Bytheway	Seattle, WA	(Tie) 644
KSKR	MT	Whitefish	Nancy Johnson	Aberdeen, WA	452
KVCK	MT	Wolf Point	Niel Wolfish	Winnipeg, MB	401
KVCK	MT	Wolf Point	Shawn Axelrod	Winnipeg, MB	(Tie) 401
KVCK	MT	Wolf Point	Morris Sorensen	Winnipeg, MB	(Tie) 401
KWBE	NE	Beatrice	John Johnson	Billings, MT	704
KCSR	NE	Chadron	Ernie Wesolowski	Omaha, NE	372
KONE	NV	Reno	Frank Merrill	Nenana, AK	# 2086
KONE	NV	Reno	Tim Hall	Chula Vista, CA	* 502
WKXL	NH	Concord	Jeff Falconer	Clinton, ON	502
WIIN	NJ	Atlantic City	Esa Hänninen	Lemmenjoki, Finland	3968
WFPG	NJ	Atlantic City	Bill Dvorak	Madison, WI	*818
WCTC	NJ	New Brunswick	Steve Francis	Alcoa, TN	613
KRZY	NM	Albuquerque	Ernie Wesolowski	Omaha, NE	709
KLMX	NM	Clayton	Ron Schiller	Monmouth Beach, NJ	1599
KOBE	NM	Las Cruces	Phil Bytheway	Seattle, WA	1336
KSEL	NM	Portales	Shawn Axelrod	Winnipeg, MB	1115
WCLI	NY	Corning	Barry McLarnon	Ottawa, ON	233
WWSC	NY	Glens Falls	Charles Reh	Leamington, ON	463
WHDL	NY	Olean	Barry McLarnon	Ottawa, ON	264
WKIP	NY	Poughkeepsie	Niel Wolfish	Toronto, ON	315
WKAL	NY	Rome	Jeff Falconer	Clinton, ON	306
WATA	NC	Boone	Steve Francis	Alcoa, TN	131
WGNC	NC	Gastonia	Barry McLarnon	Ottawa, ON	754
WHVH	NC	Henderson	Andy Rugg	Montreal, QC	678
WHKP	NC	Hendersonville	Don Trelford	Runaway Bay, Jamaica	1212
WHKP	NC	Hendersonville	Barry McLarnon	Ottawa, ON	*777
WNOS	NC	New Bern	Barry McLarnon	Ottawa, ON	713
WCBQ	NC	Oxford	Ron Bailey	Shelby, NC	184
WCIE	NC	Spring Lake	Barry McLarnon	Ottawa, ON	724
KGCA	ND	Rugby	Carl Dabelstein	Lincoln, NE	547
WJER	OH	Dover	Jeff Falconer	Clinton, ON	215
WMOH	OH	Hamilton	Niel Wolfish	Winnipeg, MB	942
WMOH	OH	Hamilton	Shawn Axelrod	Winnipeg, MB	(Tie) 942
WLEC	OH	Sandusky	Ron Bailey	Shelby, NC	434
KWHW	OK	Altus	Olle Alm	Abisko, Sweden	4660
KWHW	OK	Altus	Niel Wolfish	Winnipeg, MB	1046
KWHW	OK	Altus	Shawn Axelrod	Winnipeg, MB	(Tie) *1046
KGFF	OK	Shawnee	John Wilkins	Wheat Ridge, CO	543
KSIW	OK	Woodward	Phil Bytheway	Seattle, WA	1401
KKXO	OR	Eugene	Esa Hänninen	Lemmenjoki, Finland	4487
KKXO	OR	Eugene	Tim Hall	Revillagigedo Channel, AK	#833
KKXO	OR	Eugene	Tim Hall	Monterey, CA	*521
KFLS	OR	Klamath Falls	Esa Hänninen	Lemmenjoki, Finland	4600
KFLS	OR	Klamath Falls	Bill Harms	Spokane Valley, WA	*438
KLBM	OR	La Grande	Esa Hänninen	Lemmenjoki, Finland	4348
KLBM	OR	La Grande	MB DXPedition	Valhalla Beach, MB	*1056
KBPS	OR	Portland	Bill Harms	Spokane Valley, WA	296

WWGO	PA	Erie	Marc Delorenzo	Hyannis, MA	504
WFRA	PA	Franklin	UK DXPedition	Sheigra, Scotland	3326
WFRA	PA	Franklin	Marc Delorenzo	Hyannis, MA	*493
WDAD	PA	Indiana	Andy Rugg	Pointe Claire, QC	425
WDAD	PA	Indiana	Steve Francis	Alcoa, TN	(Tie) 425
WPAM	PA	Pottsville	Andy Rugg	Pointe Claire, QC	348
WMPT	PA	South Williamsport	Frank Merrill	Toledo, OH	342
WMAJ	PA	State College	Steve Francis	Alcoa, TN	481
WJPA	PA	Washington	Barry McLarnon	Ottawa, ON	423
WWRI	RI	West Warwick	Barry McLarnon	Ottawa, ON	332
WQSN	SC	Charleston	Andy Rugg	Montreal, QC	941
WCRC	SC	Greenwood	Harold Frodge	Midland, MI	661
WHSC	SC	Hartsville	Carl Dabelstein	Lincoln, NE	1012
WJYR	SC	Myrtle Beach	Barry McLarnon	Ottawa, ON	822
KBFS	SD	Belle Fourche	Shawn Axelrod	Hecla Island, MB	555
KSQP	SD	Pierre	John Wilkins	Wheat Ridge, CO	399
KYNT	SD	Yankton	Bruce Winkelman	Tulsa, OK	478
WLAR	TN	Athens	Ernie Wesolowski	Omaha, NE	741
WMOC	TN	Chattanooga	Ernie Wesolowski	Omaha, NE	728
WMOC	TN	Chattanooga	Carl Dabelstein	Omaha, NE	(Tie) 728
WDSC	TN	Dyersburg	Steve Francis	Alcoa, TN	303
WSMG	TN	Greeneville	Carl Dabelstein	Lincoln, NE	814
WLAF	TN	La Follette	Joe Kureth	Uniontown, MD	443
WGNS	TN	Murfreesboro	Don Trelford	Scarborough, ON	660
KAYC	TX	Beaumont	Eric McIntosh	Invercargill, NSW	8026
KAYC	TX	Beaumont	Michael Hawk	Omaha, NE	*781
KAYC	TX	Beaumont	Ernie Wesolowski	Omaha, NE	(Tie) *781
KAYC	TX	Beaumont	Carl Dabelstein	Omaha, NE	(Tie) *781
KBEN	TX	Carrizo Springs	Carl Dabelstein	Lincoln, NE	865
KCTI	TX	Gonzales	Ron Schiller	Dallas, TX	230
KMBL	TX	Junction	Ernie Wesolowski	Omaha, NE	770
KCYL	TX	Lampasas	Bruce Winkelman	Tulsa, OK	358
KMHT	TX	Marshall	Bruce Winkelman	Tulsa, OK	260
KNET	TX	Palestine	Carl Dabelstein	Lincoln, NE	627
KSNY	TX	Snyder	Ernie Wesolowski	Omaha, NE	671
KSNY	TX	Snyder	Carl Dabelstein	Omaha, NE	(Tie) 671
KCNY	UT	Moab	Carl Dabelstein	Omaha, NE	735
KURA	UT	Moab	Ernie Wesolowski	Omaha, NE	(Tie) 735
KEYY	UT	Provo	Shawn Axelrod	Winnipeg, MB	962
KDXU	UT	St. George	Ernie Wesolowski	Omaha, NE	977
WSNO	VT	Barre	Morris Sorensen	Emsdale, ON	#346
WTSA	VT	Brattleboro	Jeff Falconer	Clinton, ON	455
WBVA	VA	Bayside	Russ Edmunds	Blue Bell, PA	232
WFTR	VA	Front Royal	Ernie Wesolowski	Omaha, NE	961
WCLM	VA	Highland Springs	Les Rayburn	Helena, AL	611
WREL	VA	Lexington	Bob McCoy	Lincoln, NE	946
WMVA	VA	Martinsville	Don Voorhies	Oswego, NY	422
WLPM	VA	Suffolk	Pete Taylor	Williamsburg, VA	41
KAYO	WA	Aberdeen	Esa Hänninen	Lemmenjoki, Finland	4300
KBKW	WA	Aberdeen	Art Blair	Folsom, CA	* 589
KCLX	WA	Colfax	Olle Alm	Abisko, Sweden	4168
KCLX	WA	Colfax	Nancy Johnson	Billings, MT	*430
KONP	WA	Port Angeles	Esa Hänninen	Lemmenjoki, Finland	4217
KONP	WA	Port Angeles	LEM96	Lemmenjoki, Finland	(Tie) 4217
KONP	WA	Port Angeles	Shawn Axelrod	Swan River, MB	*1017
KONP	WA	Port Angeles	Tim Hall	Lynn Canal, AK	#868
KAYE	WA	Puyallup	John Johnson	Sheridan, WY	753
WZAC	WV	Madison	Barry McLarnon	Ottawa, ON	593
WPAR	WV	Parkersburg	Jim Renfrew	Rochester, NY	318
KFIZ	WI	Fond du Lac	Morris Sorensen	Leaf Rapids, MB	1055
WHRY	WI	Hurley	Barry McLarnon	Ottawa, ON	694

WDLB	WI	Marshfield	Barry McLarnon	Ottawa, ON	702
WPEP	WI	Park Falls	Ernie Wesolowski	Omaha, NE	431
WRCO	WI	Richland Center	John Johnson	Sheridan, WY	829
KBBS	WY	Buffalo	Olle Alm	Abisko, Sweden	4167
KBBS	WY	Buffalo	Morris Sorensen	Winnipeg, MB	*590
KVOW	WY	Riverton	Olle Alm	Abisko, Sweden	4281
KVOW	WY	Riverton	Mike Sanburn	Bellflower, CA	*820
CFHC	AB	Canmore	Tim Hall	Lake Louise, AB	41
CBXC	AB	Coleman	Tim Hall	Elkford, BC	34
CBWI	AB	Grande Cache	Tim Hall	Jasper, AB	82
CKYR	AB	Jasper	Shawn Axelrod	Winnipeg, MB	928
CBKS	BC	Cache Creek	Tim Hall	Ellensburg, WA	267
CHET	BC	Chetwynd	Frank Merrill	Nenana, AK	1110
CHBV	BC	Houston	Esa Hänninen	Lemmenjoki, Finland	3841
CBKA	BC	Stewart	Tim Hall	Ketchikan, AK	193
CKSP	BC	Summerland	Nancy Johnson	Aberdeen, WA	263
CBG	NF	Gander	Olle Alm	Göteborg, Sweden	2694
CFAB	NS	Windsor	UK DXPedition	Sheigra, Scotland	2604
CFAB	NS	Windsor	Jean Burnell	St. John's, NF	*576
CFJR	ON	Brockville	Charles Reh	Leamington, ON	386
CHUC	ON	Cobourg	MB DXPedition	Valhalla Beach, MB	987
CKDR4	ON	Ear Falls	Niel Wolfish	Winnipeg, MB	186
CBGA4	QC	Causapscal	Barry McLarnon	Ottawa, ON	454
CHEF	QC	Granby	Esa Hänninen	Lemmenjoki, Finland	3560
CHEF	QC	Granby	MB DXPedition	Arnes, MB	*1175
CBMA	QC	Noranda	Morris Sorensen	Kirkland Lake, ON	78
CHRT	QC	St.-Eleuthere	Joe Kureth	Uniontown, MD	665
XEYZ	AG	Aguascalientes	Tim Hall	20 mi W of Puerto Vallarta, Jal	227
XESS	BCN	Ensenada	Mike Sanburn	Bellflower, CA	165
XEARE	CH	Ojinaga	Jim Boehm	San Antonio, TX	362
XETD	NAY	Tecuala	Jim Boehm	San Antonio, TX	655
XEJM	NL	Monterrey	Tim Hall	Houston, TX	414
XECU	SIN	Los Moches	Tim Hall	Chula Vista, CA	681
XECU	SIN	Los Moches	Tim Hall	Lynn Canal, AK	#2600
XECU	SIN	Los Moches	Tim Hall	Chatham Sound, BC	*2267
XEDJ	SON	Magdalena	Tim Hall	Chula Vista, CA	385
XECB	SON	San Luis Rio Colorado	John Wilkins	Wheat Ridge, CO	736
XECM	TA	Ciudad Mante	Jim Boehm	San Antonio, TX	463
XEVH	TA	Villa Hermosa	Tim Hall	San Antonio, TX	262
XEPY	YC	Merida	Don Trelford	Runaway Bay, JMC	823
VSBI	BD	Hamilton	Esa Hänninen	Lemmenjoki, Finland	4179
VSBI	BD	Hamilton	Jean Burnell	St. John's, NF	*1234
HJNL	CO	Manizales	NF DXPedition Team #2	Cappahayden, NF	3185
YVKJ	VE	Catia la Mar	NF DXPedition Team #2	Cappahayden, NF	2644
CMJF	CU	C Amancio R	Shawn Axelrod	Orleans, ON	1714
BED48	Taiwan	Kaohsiung	Pete Taylor	Hong Kong	391

- Manitoba DXPedition = [Shawn Axelrod, Wayne McRae]
- Newfoundland DXPedition #2 = [Jean Burnell, Mark Connelly, Bruce Conti and Neil Kazaross]
- UK DXPedition = [Steve Whitt, Mark Hattam, Clive Rooms]
- LEM96 = [Mika Makelainen and Jorma Mantyla]

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Confirmed DX'er Harry Helms

ConfirmedDXer@yahoo.com
839 Pine Valley Loop
Smithville, TX 78957-5261

Your successes in obtaining QSL's and other station items

Yes, I've moved again. This time I'm on the east side of Austin, with some acreage for our horses and a four-stall barn with a tack room. not to mention over 1000 clear feet of land in a couple of directions. I may finally get to experience DXing with a couple of beverages! Even though my mailing address is Smithville, I'm actually closer to Bastrop.

Summer may be the slow season for DXing, but not for veries. Take a look at what some of our fellow NRC members found in their mailboxes.

540	WRRD	Jackson, WI. No data letter, magnet, and sticker in 12 days for mint stamps. V/s Dan Cooper. (Jones-TN)
690	KOAO	Scottsbluff, NE. Friendly p/d letter saying they were surprised I could hear them from here on night power, received in 6 days. V/s Lois Penner, Traffic Mgr. Address: Tracy Broadcasting, 2002 Char Ave., Scottsbluff 69361. (Griffith-CO)
730	KWOA	Worthington, MN. P/d sticky note verifying reception stuck to my original report (on NRC member stationary) received in 13 days. V/s Matt Widboom. Add: 28779 County Highway 35, Worthington 56187. (Griffith-CO)
750		Radio Progresso, Cuba. Date-only letter in 97 days, no return postage. V/s Reina C. Montenegro. (Jones-TN)
820	KUTR	Taylorville, UT. F/d "AM 820" card with verie text on back in 20 days. VsS John Dehnel (WA7UJ), C.E. (Wilkins-CO)
850	KOA	Denver, CO. P/d letter returned in 61 days. V/s Jan Chadwell CE W7KKD. (Heinen-CO)
910	KBIM	Roswell, NM. Full data V/I and stickers returned in 13 days. V/s Rita Niccum CE. (Heinen-CO)
960	KMA	Shenandoah, IA. Partial data V/Q and with Station and regional promotional material returned in 136 days. V/s Mark Bruckmeyer (Heinen-CO)
980	KMBZ	Kansas City, MO. P/d verie letter, full color day and nite contour map, and 3 bumper stickers from associated FM stations in 91 days. V/s: Ken Wolf, CE. Add: 4935 Belinder Rd, Westwood KS 66205. (Griffith-CO)
1020		Caribbean Christian Radio, Turks & Caicos Islands. DX test f/d returned in 50 days. V/s Ron Gitschier Jr., QSL Manager. (Heinen-CO)
1060	WKNG	Tallahassee, GA. Partial data letter and stickers in 11 days for mint stamps. V/s Red Jones. (Jones-TN)
1070	KFTI	Wichita, KS. Partial data handwritten v/1 returned in 67 days. V/s Beverlee Brannigan, OpM. (Heinen-CO)
1070	WIBC	Indianapolis, IN. Signed prepared form card, full data letter and coverage map signed by Glenn Swiderski, W7GS/9, Engineer. Glenn and I have been good friends since 1972. (Harris-IL)
1090	KAAY	Little Rock, AR. Full data V/q returned in 53 days. V/s unreadable, Ops Mgr (Heinen-CO)
1230	WODI	Brookneal, VA. Verie letter for reception of May 1 DX test and coverage map on one page, bumper sticker, and fridge magnet, in 92 days for mint stamp (used). V/s David L. Marthouse, President; Anthony R. DeNicola, Vice President. Slogan on sticker: "Cool oldies - hot talk" Report sent to Brookneal address, but return address on verie is D&M Communications Inc., 24 Belmont Ave., Edison, NJ 08817. (Brooker-ON)
1240	KWIK	Pocatello, ID. Partial data v/1 with lots of station promo stuff returned in 9 days for my third report. V/s Rhett Downing, ND7O, CE. (Heinen-CO)
1280	KXEG	Phoenix, AZ. PPC in 14 days for f/up. V/s Stephen H. Blodgett, CE. (Wilkins-CO)
1300	WOOD	Grand Rapids, MI. F/d letter and signed/returned PFC, coverage map in three weeks. V/s Don Missad, Chief Engineer. (Harris-IL)
1310	KXTN	San Antonio, TX. PPC in 40 days for f/up. V/s illegible. (Wilkins-CO)
1320	KYHN	Fort Smith AR. Full data v/1 received in 65 days for a f/up and PPC (PPC re-

		turned earlier). V/s Gary Elmore, PD. (Heinen-CO)
1350	KCOR	San Antonio, TX. See KXTN above. (Wilkins-CO)
1410	WLAQ	Rome, GA. Frequency-only letter and stickers in 8 days for mint stamps. V/s Randy Davis. (Jones-TN)
1450	KSKE	Buena Vista, CO. PPC in 4 days for f/up via KRCN-1060. V/s Ron Nickell, GM. (Wilkins-CO)
1460	KTFW	Burleson, TX. Partial data V/L in 10 days V/s Gary L. Moss, President. (Heinen-CO)
1520	KOKC	Oklahoma City, OK. Unsigned partial data QSL card and stickers in 28 days (Heinen-CO)
1520	WKVI	Knox, IN. PFC and personal handwritten note from "Christine" in 11 days. Note said it was the age of the computer and she knew someone who "was a radio hobbyist." Still in all it was nice of her to include the note. (Harris-IL)
1540	KMPC	Los Angeles, CA. E-mail verie in 9 days from Mike Tosch (W6UWB), CE, for snail mail f/up. Received a PPC 12 days later from Mike. (Wilkins-CO)
1580	KQRL	Waco, TX. PPC in 7 days for f/up. V/s illegible. (Wilkins-CO)
1580	WTTN	Watertown, WI. Partial data v/l returned in 90 days. V/s Shirley Kamrath. (Heinen-CO)
1700	KKLF	Sherman, TX. Full data full color QSL certificate returned in 15 days. V/s Hubert R. Beavers, Tech Dept (Heinen-CO)

My thanks to those who made this special "Colorado Edition" of *Confirmed DXer* possible: Mike Brooker-ON, Pat Griffith-CO, Gregory Harris-IL, Wayne Heinen-CO, David Jones-TN, John Wilkins-CO

Sea Gain: The Numbers Don't Lie by Mark Connelly, WA1ION

My article "Web Site for U. S. Station Signal Strengths - A Valuable Resource", dated 23 JUN 2005, described groundwave signal strength charts available at "http://www.v-soft.com/ZipSignal/zip_answer.asp". In that article I evaluated a few stations to see how much distance was required to reduce the strength of a given non-directional station to a particular level. This analysis gave some results that seemed quite in step with what I've noticed when I've done my own signal strength observations from a number of inland and coastal sites in the New England states.

The distance required for a given amount of path loss turns out to be about 5 to 10 times greater over a salt-water route as compared to across flat to slightly hilly land of fairly low conductivity.

WJDA-1300 (Quincy, Massachusetts: 1 kW) has approximately the same signal strength at Bar Harbor, Maine (distance 203 miles / 327 km over water) as it has in the Pinehurst section of Billerica, Massachusetts (distance 23 miles / 37 km over land). This represents a ratio of sea distance to land distance of 8.8. This is fairly typical for that part of the dial. Ratios of over 10 are possible, especially if you're dealing with the 1300-1700 kHz range and making the over-water strength measurements right at the shoreline instead of using the average value for a given coastal town (which may include inland areas). On the lower end of the dial, ratios are more like 5 to 7, but are still significant. If a shoreline is backed by mountains (as in the Pacific Northwest) instead of relatively flat land, the over water versus over land ratio could be much more extreme, perhaps something like 20 above 1300 kHz.

The next phase of research was to see what the signal strength difference (in dB) is for two nearly-identical length paths, one over seawater and one over land. From the formula $P_{mult} = 10^{(dB/10)}$, one can compute the amount of power that would be needed to produce the same signal strength on the land route as can be produced with the station's normal power on the sea route. The "Pmult" power multiplier, e.g. 100 for a 20 dB strength difference, times the power, e.g. 1 kW, shows (in this case) that the station would have to run 100 kW to have the same signal strength over land that it has on the same distance over water with just 1 kW. A 30 dB difference gives $P_{mult}=1000$, meaning that a megawatt would be required to get the same signal over a given amount of land that a kilowatt gets across the same expanse of sea! This may seem beyond belief, but the tabulations below (from ZipSignal data) show that 20 dB is a rather ordinary difference to find here in the New England area. 30 dB is certainly not out of reach on the upper end of the dial, especially if signal strength data for the coastal site is based on beach, rather than town-center, results. As stated earlier, a West Coast or Hawaiian location involving a mountainous rocky coastline could give even more extreme values. The over-water signal strength of a 1 kW station may not be replicable over the same land distance at ANY power level of which present transmitter technology is capable.

Cases below involve stations having non-directional, or nearly non-directional, daytime antenna

patterns.

Case #1
Freq = 730
Call = WJTO
TX QTH = Bath-Brunswick, ME
Power, kW = 1
Approx. TX-RX Distance, mi. = 29
Approx. TX-RX Distance, km = 46.7
Coastal RX site = Cape Elizabeth, ME
Inland RX site = Augusta, ME
Coastal RX level (dBu) = 73.9
Inland RX level (dBu) = 55.8
delta dB = 18.1
power multiplier = 64.57
comment: A 15 to 20 dB delta is common on the lower end of the dial.

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Case #2
Freq = 950
Call = WROL
TX QTH = Saugus, MA
Power, kW = 5
Approx TX-RX Distance, mi. = 14
Approx. TX-RX Distance, km = 22.5
Coastal RX site = Hull, MA
Inland RX site = Billerica, MA
Coastal RX level (dBu) = 90.4
Inland RX level (dBu) = 69.9
delta dB = 20.5
power multiplier = 112.2
comment: 561 kW to get the over land signal comparable to 5 kW over water!

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Case #3
Freq = 1230
Call = WESX
TX QTH = Marblehead, MA
Power, kW = 1
Approx. TX-RX Distance, mi. = 18
Approx. TX-RX Distance, km = 29
Coastal RX site = Cohasset, MA
Inland RX site = Billerica (Pinehurst), MA
Coastal RX level (dBu) = 77.0
Inland RX level (dBu) = 54.3
delta dB = 22.7
power multiplier = 186.21

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Case #4
Freq = 1240
Call = WBUR

TX QTH = West Yarmouth, MA
Power, kW = 1
Approx. TX-RX Distance, mi. = 22
Approx. TX-RX Distance, km = 35.4
Coastal RX site = Edgartown, MA
Inland RX site = Pocasset, MA
Coastal RX level (dBu) = 78.2
Inland RX level (dBu) = 52.8
delta dB = 25.4
power multiplier = 346.74
comment: A whopping difference! The land route is over exceptionally dry sandy soil (scrub oak / pitch pine forest) that, although flat, eats up signal strength to a greater degree than the "loamier" soil in the Boston area. Over 346 kW would be needed to put the same signal into Pocasset (north of Falmouth) as is produced a bit farther away in Edgartown (Martha's Vineyard) with just 1 kW!

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Case #5
Freq = 1300
Call = WJDA
TX QTH = Quincy, MA
Power, kW = 1
Approx. TX-RX Distance, mi. = 19
Approx. TX-RX Distance, km = 30.6
Coastal RX site = Marblehead, MA
Inland RX site = Bridgewater, MA
Coastal RX level (dBu) = 75.3
Inland RX level (dBu) = 52.4
delta dB = 22.9
power multiplier = 194.98
comment: A typical delta dB for this part of the band.

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Case #6
Freq = 1360
Call = WLYN
TX QTH = Lynn, MA
Power, kW = 1
Approx. TX-RX Distance, mi. = 13
Approx. TX-RX Distance, km = 20.92
Coastal RX site = Hull, MA
Inland RX site = Burlington, MA
Coastal RX level (dBu) = 82.2
Inland RX level (dBu) = 60.8
delta dB = 21.4
power multiplier = 138.04
comment: A small amount of land (Revere Beach / Point of Pines barrier) along the start of the coastal TX-RX route may reduce the coastal RX level (and resultant delta dB) slightly.

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Some conclusions: The kind of differences seen in these groundwave measurements correlate quite well with differences seen in some kinds of foreign medium wave DX at night. Some of the low-angle

skip is as severely reduced by an overland path as groundwave is. Long-term measurements of European, African, Middle Eastern, and South American DX signals taken at Rockport, MA and Rowley, MA on the coast north of Boston show differences of anywhere from 10 to 40 dB better than the same stations heard in inland suburbs when using the same set-up: Drake R8A receiver, active whip on car roof. High-band longer-haul Africans and Brazilians heard during auroral activity, especially at sunset or earlier, show the greatest difference: often S-9 at the shore and usually less than S-3 (if even noticeable at all!) inland. Six S-units is conventionally 36 dB. That's a mind-boggling power multiplier of 3981. This tells me that a 250 watt Brazilian "graveyarder" heard at the shore would have to be packing close to a megawatt to hit the same S-meter reading somewhere inland maybe only an hour's drive away. Surprising though this might sound to some, I find this entirely believable based on experience. When the signal path is nearly parallel to the shore, you can jump from a lengthy mostly over water route to a mostly over land one in a fairly short distance driving inland at a right angle to the coast. This is the situation where the biggest signal changes occur. One classic example of this is the exceptionally quick drop-off in signal strengths of the Atlantic City, NJ area stations (1020, 1160, 1340, 1400, 1450, 1490) when driving a very short distance up Route 134 in Dennis, Cape Cod, MA from Lower County Road (near southward-facing beaches) northward to Route 6. These signals "drop like a rock", maybe 30 dB, over the course of a 10 minute drive, even though the change in actual geographic distance is infinitesimal.

It is hoped that those in other areas such as Oregon/Washington will try using ZipSignal in conjunction with their own measurements to see how these findings relate to their areas, both in terms of groundwaves and low-angle long-haul foreign DX.

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Musings

of the Members

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.

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

Here is the NRC column which, for an SASE, will show you how to build a log cabin out of 278 containers of Lincoln Logs! When sending your items along, please keep them radio- and DX-related. And as our usual way of kicking off the season, we will welcome your reintroduction Musings for the start of the new season!

Here we go:

Richard C. Evans - 7416 Hearthstone Way - Indianapolis, IN 46227-7923

I was up in Michigan this weekend for my annual company reunion on 7/15. 62 people there, not bad when you consider that 65 is young for that group and I just turned 60. In the past, I normally stayed with my Dad's cousin in Kalamazoo, but she moved back to western Virginia (near Radford) last August so I had no time pressure on me this year. As a result, I ran the old road up to Michigan City and then took the slab (I-94) up to Kalamazoo, Mich where I found a motel room. The reunion was right outside of Grand Rapids Sat. afternoon. I had a fairly new radio with me so that I could tune the X-band from the Michigan City area but too much rain in the area so I didn't get to stop and see what I could get there but I was able to pick up WNWI-1080 at their new Illinois location and WNVR-1030 up in Vernon Hills, Ill to add two more catches to my old Gary, Indiana/New Buffalo, Mich log. It brings that one up to 1339 heard now — the interesting note is that it is not really an active log in that I only add to it once in awhile as I pass somewhere thru that area. Still, I made the effort this time as it means I have added catches to that log in five consecutive decades now — the 60s, 70's, 80's 90's and 00's. It was started on 5/1/66. OK, OK...it covers the last third of the past century plus the first five years of this one, hi. Going up to Grand Rapids, I had the pleasure of listening once again to WAKV-980 Otsego, Mich. They call themselves the Memories Station and that is so true. I suspect it might be satellite as the announcers sounded too professional for a small town station, but yet it is located right between Kalamazoo and Grand Rapids so it has a population base of better than a half million people, and that isn't too shabby. It's a Music-of-Your-Life-type format, like WMYS-1430 here in Indy was until they went news/talk several years ago. I turned the AM on while I was at the motel Friday night but too much static to really enjoy, so I wound up with an C & W FM station. Not too much longer until the new season starts. I can't wait to get rid this heat. 73.

Dave Schmidt - P O Box 3111 - Scranton, PA 18505-0111

Before you know it, the NRC CONVENTION will be upon us. First, I must give a tip of the hat to JOHN & LINDA BOWKER; they've been the best and biggest help I have had with this, and it's been needed with the way my work schedule has been. Additionally, I must know by the 20th if you plan on attending the banquet or not; the count has to be given to the hotel at that point. We have a few auction items, too, one being an HQ-180 used by BEN DANCERFIELD. So if you're planning on attending, please let me know. Thanks. I did a little arm bending with our guest speaker, Dave McCork, who operates WNAR-1620, a 100 millawatt station, 24 hours/NSP, to put a code ID on the station to air at 0300 daily through the DX season. With the signal I have heard from WNAR while in that area (audible at up to 8 miles!), I'm sure it'd be a catch to go after. You can check out the technical info on his transmitter system (pictures included) at www.wnar-am.com. My landlord has given me his blessings on installing a couple of long wire antennas at the apartment so we may even actually get the phasing unit and R392 on line this year after all. The land of the old WGBI site has been sold, so WGBI (now WBZU) will be moving further away (talk of being diplexed into the tower of WICK-1400), so that will put them more distant from me. WITK-1550 is now a simulcast of 750 as of July 1st. That cuts down on a lot of the sideband splash during the day and having CBE bubbling away under them most nights, at about 3 miles away. You just have to love those tight directional patterns! Remember, we kick off our new season after the convention so send along a reintroduction Musings! 73

(A few words from Ben about the HQ-180 he plans to donate: "The receiver is a plain old HQ-180 [no letters] that I bought in December 1961 and used until April 1996 with much success. It is doing nobody any good in our attic so why not someone in NRC. I have ordered some spray-on stuff that should cure some of the corrosion. And I had it serviced just prior to acquiring my current R8A. I think plenty of tubes are still available. The clock doesn't work but could possibly be fixed.")

DAVE