

DX News

Serving DX'ers since 1933



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CPC Test Calendar

WRIB RI 1220 daily 0255-0305

From the Publisher ... According to IRCA member Pat Martin, Chuck Boehnke of Keaau, Hawaii passed away May 7 of cancer at age 75. Chuck was an active long time DXer and a member of many radio clubs through the years, including both the IRCA and NRC. Our sincerest condolences go out to his wife Ginny and family.

Next DXN: deadline, June 4; pub date, June 14.

As summer approaches, it's time to make your reservations for any or all radio club conventions!

NRC 2004 Batavia ... Mark your calendars for Labor Day weekend, Thursday Sept. 2 - Sunday Sept. 5 - and for the host hotel, the Days Inn in Batavia, New York. Rooms are \$72 per room per night, with a maximum of four people per room. Pets are permitted at the Days Inn. You can make your reservations by phone by calling the hotel DIRECTLY at 585-343-1440. Be sure they know you're with the NRC. The Days Inn is located adjacent to the exit ramp of exit 48 of the New York State Thruway (I-90), with lots and lots of free parking.

The 2004 NRC convention will break new ground by spanning two nations! With the assistance of Saul Chernos and other Canadian NRC'ers, the events kick off on THURSDAY, SEPTEMBER 2 with several station tours in the Toronto suburbs, including CHWO 740. You'll want to bring both proof of identity (a government-issued photo ID, usually a driver's license or a state-issued non-driver ID card) and proof of citizenship (a Social Security card). A passport is ideal, but not required. If you'll be bringing a service dog, Canada requires proof of immunization in order for the dog to enter the country.

On FRIDAY, SEPTEMBER 3, you can count on a local station tour in the morning - and then a trip to the city where so much early NRC history was made, to the Queen City of Buffalo precisely 40 years after the last NRC convention (1964). The events will include a trip to the nearby home of co-host Jim Renfrew (about a 10 minute drive from the Days Inn) for an Antenna/Tuner Shootout.

On SATURDAY, SEPTEMBER 4, attendees will head east to Rochester for several station tours,

followed by the return to Batavia for the banquet, the annual meeting, the auction and plenty of companionship and conviviality into the night.

SUNDAY, SEPTEMBER 5, the day will start with the world-famous DX Quiz - followed a trip to Bloomfield, New York (about a 50 minute drive) to visit the Antique Wireless Association Museum.

For more information, contact your convention co-host Scott Fybush at scott@fybush.com or 585-442-5411 (prepaid only, 11 AM-11 PM Eastern only, please.) - Your NRC 2004 Convention Team... Jerry Bond - Saul Chernos - Greg Coniglio - Scott Fybush - Rick Lucas - Jim Renfrew.

WTFDA 2004: Omaha, NE ... The WTFDA's annual convention will be in Omaha, NE July 30 - August 1. WTFDA '04 is hosted by Matt Sittel and Michael Hawk, with a host location of the Park Plaza Regency Lodge. They have permission to set up a few antennas on-site, so bring along DX equipment! Contact Matt Sittel, 15013 Eureux St, Bellevue, NE 68123 (mcsittel@cox.net) or Michael Hawk (thisisatest22@yahoo.com) with any questions. Please view the WTFDA '04 website for prices and the latest on planned activities.

IRCA 2004: Boise, ID ... IRCA's convention will be held July 23-25 at the Rodeway Inn - 1110-5 North Curtis Rd - Boise, ID 83706 (208-376-2700 or 800-272-5993). Room rates are \$59.95 plus 12% tax. Activities run from Friday, 9 am, through the Sunday afternoon barbecue. Registration: \$25.00. For more information, contact Frank Aden at 4096 Marcia Pl - Boise, ID 83704, or <<IRCA2004@aol.com>>.

DX Time Machine

From the pages of DX News:

50 years ago ... from the May 15, 1954 DXN: Frank Wheeler, Eric, PA summerized his 1953-1954 DX season as having DX'ed 29 hours 10 minutes and logged 42 new stations, for an average of a new station every 42 minutes of DX'ing; his totals were 1155 veries and 1876 stations heard.

25 years ago ... from the April 2, 1974 DXN: Randy Tomer, Mckinleyville, CA, and Hank Wilkinson, Santa Rosa, CA, both reported logging 864 Papua New Guinea, Randy on April 3 and 5, and Hank on April 9, a 2 kW signal travelling 6,500 miles.

AM Switch

Bill Hale w_r_hale@sbcglobal.net
6124 Roaring Springs Drive
North Richland Hills, TX 76180-5552

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

CALL LETTER CHANGES

Old Call	New Call
720 KSAH TX Universal City	KTFM
1060 WPHC TN Waverly	WMQV [Reported as silent]
1190 WIXL FL Pine Castle-Sky Lake	WAMT
1250 KCNZ IA Cedar Falls	KDNZ
1560 KEGG TX Daingerfield	KNGR
1590 WJQY TN Springfield	WDBL
1650 KDNZ IA Cedar Falls	KCNZ



RADIO 990 AM
95.9 FM
BOX 466 • RUSSELL, KANSAS 67665 • 713-483-3121

CPs ON THE AIR

700 KGRV	OR Winston - Now on the air with U1 23000/470.
850 KJON	TX Carrollton - 5/3/2004 - On, with SS music as <i>La Brava</i> . Other sources have said it would be a "talk" format, but after listening occasionally for 3-4 days I've heard only music. Ex: Anadarko, OK. [Ed.]
920 KXLY	WA Spokane - Now on the air with U1 20000/5000.
1030 WNVR	IL Vernon Hills - On the air with U8 5000/120 CH 3200.
1070 KILR	IA Estherville - Nighttime service added. Now U4 250/48.
1390 WKPA	VA Lynchburg - Has relocated here with U1 4700/34 (ex: 1170).
1400 KBDB	NV Sparks - Now on the air with U1 1000/1000.
1450 KSQP	SD Pierre - New station is on with a talk format and the slogan <i>Patriot 1450</i> . Facilities are U1 1000/1000. Another one to add to the GY list!
1620 WBUB	FL Gulf Breeze - An article in <i>Radio World Magazine</i> mentions that this new station (originally assigned to Atmore, Alabama) has been built, was testing, and was expected to take to the air May 1 st . Local monitoring indicates they are not yet on the air. Facilities are the X-Band regular U1 10000/1000.

GRANTS TO EXISTING FACILITIES

550 WGR	NY Buffalo - Coordinate correction to N42-46-11 W78-50-37.
590 WCAB	NC Rutherfordton - CP granted to increase the day power level to become U1 1000/228. Also, a coordinate correction to N35-23-35 W81-55-23.
590 KSUB	UT Cedar City - Coordinate correction to N37-41-49 W113-10-58.
710 WROM	GA Rome - Coordinate correction to N34-15-11 W85-09-19.
730 WMTC	KY Vancleve - CP granted to increase daytime power to become U4 13000/50.
770 WEW	MO St. Louis - CP granted to raise day power, and add nighttime service. When built, will be U4 10000/205.
810 KLDC	CO Brighton - CP granted to increase day and night powers to become U4 2200/227.
890 WBAJ	SC Blythewood - CP granted to increase day power to become D1 50000/0 CH 8500. [Re-issue of CP from November 2002]
900 WLSI	KY Pikeville - CP granted to decrease day and night power levels and to construct new 480' tower at N37-27-57 W82-33-04. When built, station will be U1 3000/125. [Replaces an old CP for U1 2400/159]
900 WURD	PA Philadelphia - CP granted to raise nighttime power to become U4 1000/105.
910 KIYU	AK Galena - CP granted to increase power to become U1 12500/12500.
930 WHLM	PA Bloomsburg - CP granted to reduce night power from new 197' tower at N41-01-00 W76-27-44. When operational will be U1 1000/18.
980 WRNE	FL Gulf Breeze - CP granted to increase daytime power to become U2 4000/1000.
980 WPGA	GA Perry - CP granted to decrease day and night power levels, relocate the transmitter site to N32-51-07 W83-39-11, and change the city-of-license to Macon. New facilities are U1 1000/88. However, they also have a CP for U1 2600/80 back at Perry. Stay tuned . . .
1060 WKRE	NC Monroe - CP granted to raise daytime power and add Critical Hours opera-

1080 WOKU	WV Hurricane - CP granted to move to 1110 kHz with D1 1000/0.
1130 WSDX	IN Brazil - CP granted to add nighttime service with U1 500/20.
1130 WQIS	SC Camden - CP granted to add nighttime service as U1 1000/7.
1210 WSBI	TN Static - CP granted for D1 10000/0 CH 2500.
1230 KSTC	CO Sterling - Coordinate correction to N40-37-04 W103-10-41.
1230 KYVA	NM Gallup - CP granted to reduce day and night power levels to become U1 920/920. Also, there is a slight coordinate correction to N35-32-02 W108-42-18 and the tower height is increased from 150' to 195'.
1270 KRVT	OK Claremore - CP granted to increase nighttime power by adding three towers to their transmitter site. When operational, will become U2 1000/1000.
1280 WGTX	FL DeFuniak Springs - CP granted to raise daytime power to become U5 9000/46.
1290 KOUU	ID Pocatello - CP granted to add one tower to their site and increase daytime power. When built will become U5 50000/24.
1320 KAWC	AZ Yuma - CP granted to decrease both day and night power levels from a new 186' tower at new location. Will be U1 730/106 at N32-41-23 W114-14-01.
1360 KAHS	KS El Dorado - CP granted to increase nighttime power to become U4 1000/240.
1360 WFLW	KY Monticello - Coordinate correction to N36-50-14 W84-51-50.
1360 KDJW	TX Amarillo - CP granted to increase day power by adding 3 towers to their site. When constructed, will become U5 5000/137. The CP also contained a coordinate correction to N35-14-47 W101-49-15, with the main pattern directed at 288 degrees.
1380 WKJG	IN Fort Wayne - Coordinate correction to N41-00-15 W85-05-57.
1400 KBCK	MT Deer Lodge - Coordinate correction to N46-24-52 W112-43-16.
1450 KFSO	CA Escondido - Coordinate correction to N33-07-02 W117-07-09.
1450 KBMW	MN Breckenridge - Coordinate correction to N46-16-50 W96-35-17.
1470 WBFC	KY Stanton - CP granted to reduce daytime power to become U1 850/82 from new 165' tower at N37-53-14 W83-52-48. [Re-issue of CP from November 2002]
1470 WNAU	MS New Albany - CP granted to raise daytime power to become U2 2500/500.
1490 WAFZ	FL Immokalee - CP granted to lower day and night power levels to become U1 560/700 at a new transmitter location of N26-24-34 W81-25-48. WAFZ's original tower had become structurally unsound to the point that it required total replacement. However, zoning laws that went into effect since the original tower was built prohibit rebuilding more than 50 percent of the tower at that location since it is now too close to other structures, buildings that weren't there when the station was built. So they relocated the transmitter to a 224 foot cellular phone tower south of the old location and are feeding a 205 foot skirt on that tower. Since this radiator is taller and efficiency has increased they had to reduce daytime power to 560 watts so achieve the same coverage they had with the old tower. So much for all of that BUT at night Class C stations are not required to offer any protection to any other domestic Class C station, so one would think they could run 1000 watts at night. But not so fast. Due to international agreements they must protect station CMCN-1490 at night, thus the 700 watt night power.
1510 WWBC	FL Cocoa - CP granted to increase daytime power and add Critical Hours operation from two new towers at N28-21-12 W80-46-45. When built will be D4 50000/0 CH 25000.
1560 WTKN	AL Daleville - CP granted to increase daytime power to become D1 50000/0 CH 2500.
1600 WXMY	VA Saltville - CP granted to increase daytime power and add night service by adding one tower. When built will be U4 10000/100.

GRANTS FOR NEW FACILITIES

1100 NEW	MN Dilworth - CP granted for U2 50000/1000 CH 4400 from a 4-tower site at N46-45-54 W96-40-05. The night pattern is directed at 315 degrees, which is pretty much the opposite direction from Cleveland.
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APPLICATIONS FOR AUXILIARY PERMIT GRANTED

900 WCOR	TN Lebanon - This action grants a nighttime auxiliary authorization from an-
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other (studio?) site for 100 Watts. Station also has a CP to increase daytime power to become U1 5000/136. Coordinates for the auxiliary site are N36-09-49 W86-42-55, which is the main daytime tower of WAMB-1160.

GRANTS TO PENDING FACILITIES

- 890 KQXI ID Meridian - CP change granted to alter facilities to U2 50000/250 where the night pattern would use two of KGEM-1140's 3 towers.
- 1230 WWGA GA Waycross - New station, not yet on the air, has a CP for U1 1000/1000. This amendment changes the transmitter location to N 31-13-45 W82-22-20.

APPLICATIONS FOR NEW FACILITIES

- 1030 NEW CA Elk Grove - Applies for U4 50000/10000. Elk Grove is a Sacramento suburb.
- 1400 NEW NC Jacksonville - Applies for U1 1000/1000.

APPLICATIONS FROM EXISTING FACILITIES

- 550 WDEV VT Waterbury - Coordinate correction to N44-21-17 W72-45-7.
- 590 KSUB UT Cedar City - Coordinate correction to N37-41-50 W113-10-59.
- 710 WROM GA Rome - Coordinate correction to N34-15-11 W85-09-19.
- 730 KULE WA Ephrata - Antenna registration and coordinate correction to N47-19-01 W119-33-46. Station remains U1 1000/29.
- 760 WLCC FL Brandon - When the current owners of WLCC (Mega Communications) bought the station, all of the antenna parameters were out of specifications due to their proximity to nearby non-broadcast communications towers. After getting the daytime pattern back within tolerance, the nighttime pattern was addressed. This application adds augmentations to the night pattern in order to legally protect WJR.
- 810 WJJQ WI Tomahawk - Applies to add nighttime service. Would be U1 980/13.
- 1010 WIOJ FL Jacksonville Beach - After applying for U4 50000/30000 from a new transmitter site, this amendment now reverts their facilities back to the current U4 10000/143 from N30-17-21 W81-33-01, coordinates close to their present site. It appears to be more of a correction than a move.
- 1210 KOKK SD Huron - Applies to change the height of one of their three towers, slightly affecting the shape of their patterns.
- 1230 WABN VA Abingdon - Application covers a move to a new transmitter site, plus a Critical Hours designation. Mighty odd for a Class C station on a 'Graveyard' channel asking for CH. Would become U1 1000/1000 CH 1000.
- 1270 WHGS SC Hampton - Coordinate correction to N32-50-38 W81-07-32.
- 1560 KABI KS Abilene - Applies for night authorization to become U1 250/58 along with a coordinate correction to N38-55-46 W97-14-46.

ENGINEERING AMENDMENTS TO CONSTRUCTION PERMITS SUBMITTED

- 1150 WSPZ AL Tuscaloosa - Licensed for U2 5000/1000, station has a CP to increase day power to become U2 20000/1000 with corrected coordinates to N33-14-58 W87-36-31. This amendment would change the city of license to Northport, Alabama. [Updated to CP from APP in last issue - Ed.]
- 1160 WYLL IL Chicago - Licensed for U4 50000/5000, station has a CP to increase the nighttime power from a second transmitter location becoming U4 50000/50000. This amendment asks for a Critical Hours designation, making them U13 50000/50000 CH 50000.
- 1170 KJPN HI Honolulu - Station has a CP to increase day power, decrease night power, and add Critical Hours authorization. They also have a CP to change frequencies to 1180 kHz. Now the CH has disappeared and they want U1 6000/4490 on 1180.
- 1190 WBIS MD Annapolis - Licensed for D3 10000/0, station has a CP to increase its daytime power to 50 kW plus a number of applications for various changes including nighttime authorization. The latest amendment asks for U4 5000/7000 with a city-of-license change to Garrison, Maryland.
- 1530 WVFC PA McConnellsburg - Station has a CP to move to 1180 kHz with D3 2300/0 with a city-of-license change to King of Prussia, Pennsylvania. This amendment alters the power and antenna information only for the CP to D1 300/0.

ENGINEERING AMENDMENTS TO APPLICATIONS SUBMITTED

- 600 WSNL MI Flint - Station has an application on file to lower both day and night power levels, becoming U4 450/380 from a new 4-tower site along with a city-of-license change to Swartz Creek, Michigan. This amendment returns the CoL to Flint and changes the power levels from a third site, this one with 3 towers, to be U4 250/192. [Update from Issue 23 - Ed.]
- 630 WAVU AL Albertville - Station has an application to raise their nighttime power to become U1 1000/40 at an adjusted coordinate location of N34-14-19 W86-09-59. Now they have submitted an amendment to revert back to the current U1 1000/28 at these new coordinates.
- 1130 KTMR TX Edna - Station had an application to move to Bulverde, Texas but has had a change of plans where it now want to remain in Edna, but construct three new towers at a new site.
- 1150 KBIS TX Highland Park - Station has applied to move to 1160 kHz with U8 25000/1000 from a new 6-tower site for daytime and remain at the current 6-tower site for nights. Then they amended the application for a second daytime site (along with CH 25000). Now they've come up with a third site as a proposal for the day and CH facilities. [Correction from Issue 23 - Ed.]
- 1170 WWLE NY Cornwall - Station has applied to move to 1150 kHz with U4 2500/500. This amendment alters some of the antenna data.
- 1510 KCUV CO Littleton - Station has several applications and amendments on file. This latest submission asks for U4 10000/1300 from a new 4-tower site about 25 miles from the current site. It also requests for a city-of-license change to Englewood.
- 1520 KYND TX Cypress - Station has an application pending to add nighttime service. This amendment asks to change the city-of-license to Jersey Village, Texas with U8 3000/260 CH2600.

APPLICATIONS FOR RECONSIDERATION

- 660 KGDP CA Orcutt - Station applied to increase daytime power and move to a new 3-tower site to become U4 50000/1000 but was turned down. Station is asking for reconsideration with these altered antenna parameters.

APPLICATIONS FROM NEW STATIONS

- 890 KSDG CA Julian - New station, not yet on the air, has a CP for U4 3000/330, plus several pending amendments. The latest one applies for U4 2500/540 with a city-of-license change to Camp Pendleton North. Semper Fi!

APPLICATION FROM EXISTING FACILITIES DISMISSED

- 690 KRGS CO Rifle - Had applied for an increase in day and night power to be U1 2300/270.
- 750 WPDX WV Clarksburg - Owners wanted to relocate main studios. See Issue 24 for all the details.
- 900 WLSI KY Pikeville - Had an application for U1 2400/159 from a new transmitter site but asked to have it cancelled. Station still has a CP for U1 3000/125.
- 1030 KBUF KS Holcomb - Station applied for U2 2500/1400 CH 2500.

PETITIONS FOR RECONSIDERATION FOR APPLICATIONS

- 850 NEW PA Enola - Applied for U4 750/350.
- 880 NEW AK Anchorage - Applied for U1 250/250.
- 1150 NEW CA Fresno - Applied for U1 250/250.
- 1200 NEW AL Calera - Applied for D1 1000/0.
- 1250 NEW CA South Lake Tahoe - Applied for U1 250/250.
- 1340 NEW WI Tomah - Applied for U1 250/250.
- 1450 NEW UT Green River - Applied for U1 250/250.
- 1480 WKGC FL Panama City Beach - Station had applied for U1 5000/74 from a new 190' tower at a new site, but was turned down. They are now asking for reconsideration.
- 1490 NEW CO Silt - Applied for U1 250/250.
- 1490 NEW CT Uncasville - Applied for U1 250/250.
- 1570 NEW TX Fritch - Applied for U4 12500/750.

[All of the above are Auction 84 applicants for new facilities, with the exception of WKGC]

LICENSE CANCELLATIONS/CALL LETTERS DELETED

1080 WKKE NC St. Pauls

LICENSE RENEWALS GRANTED

550	WASG	AL	Atmore	1380	WHEW	TN	Franklin
610	WCEH	GA	Hawkinsville	1390	WHPB	SC	Belton
750	WAUG	NC	New Hope	1400	WAJQ	GA	Alma
760	WLCC	FL	Brandon	1420	WGAS	NC	South Gastonia
820	WMGG	FL	Largo	1430	WDJS	NC	Mount Olive
880	WYKO	PR	Sabana Grande	1440	WJBS	SC	Holly Hill
940	WIPR	PR	San Juan	1460	WRRE	PR	Juncos
950	WQTK	SC	Moncks Corner	1500	WKIZ	FL	Key West
1120	WHOG	AL	Hobson City	1540	WOGF	NC	Charlotte
1120	WMSW	PR	Hatillo	1550	WTHB	GA	Augusta
1220	WENC	NC	Whiteville	1560	WTKN	AL	Daleville
1320	WLQY	FL	Hollywood	1560	WPGY	GA	Ellijay
1350	WQNX	NC	Aberdeen	1590	WHPY	NC	Clayton

CANADIAN NEWS

□ Thanks to **Shawn Axelrod** for forwarding the following three items: **CKSA-1080 Lloydminster, Alberta** - On December 18, 2002 the CRTC approved an application by **Sask-Alta Broadcasters Limited** for a broadcasting licence to operate an FM station at Lloydminster to replace CKSA-AM. The new FM station is now in operation, and **Sask-Alta Broadcasters Limited** has requested the revocation of its licence for CKSA. The CRTC has officially revoked the licence issued to **Sask-Alta Broadcasters Limited** for CKSA-AM. — **CKEN-1490 Kentville** - On July 2, 2002 the CRTC approved an application by **Maritime Broadcasting System Limited** for an FM station at Kentville to replace CKEN. The new FM station is now in operation, so **Maritime** has requested the license for CKEN be revoked. Given the licensee's request, the CRTC revokes the licence issued to **Maritime** for CKEN Kentville. — **CHOR-1450 Summerland, British Columbia** has been denied to move to the FM band by the CRTC. The Commission received an application by **Standard Radio Inc.** for a broadcasting licence to operate a new English-language FM radio programming undertaking at Summerland to replace its AM station. The applicant proposed 94.5 MHz with 5 kW ERP.

FROM HEAR AND THAR

□ **John Malicky** confirms that **WCIX-660 Wilkinsburg, Pennsylvania** is, indeed, on the air. They are programming the *National Radio Network* talk shows with USA News on the hour. Local programming includes regional shows such as *The Italian Program* . . . and **Jerry Starr** adds . . . "They are // WVFC-1530 with something called the *National Radio Network*, and has some whiney woman doing *The Rock Show* teletalk network thing. IDs as *WVFC McConnellsburg and WCIX Wilkinsburg*. □ **Fines. Fines. Everywhere a Fine** . . . The FCC has fined **WYBT-1000 Blountstown, Florida** the sum of \$25,000 for not having an operational Emergency Alert System (EAS) system, for not locking the fence around their tower, and incomplete public files. The station didn't respond to the FCC's Notice of Apparent Liability back in December. Not to be outdone, **WDGR-1210 Dahlonge, Georgia** was fined \$15,000 for failure to maintain operational EAS equipment and failure to enclose the station's tower within an effective locked fence. On October 21, 2002, an agent from the Commission's Atlanta, Georgia Field Office inspected the station and observed that the gate to the fence surrounding WDGR's tower was open and several boards were missing from the fence, allowing unrestricted access to the area within the fence. During a telephone conversation, the president of the company which owns WDGR told the agent that he was aware of the fencing problem and intended to repair it. On the same day the agent also observed that WDGR's EAS apparatus was not connected to any receiver and, therefore, could not monitor the required EAS sources. There were no EAS logs available at the station. The operator on duty was unfamiliar with the operation of the EAS equipment and stated that he had never sent an EAS message. Also fined was **WPID-1280 Piedmont, Alabama** for violations involving " . . . the station's willful and repeated failure to maintain a presence at its main studio during normal business hours and register its antenna structure." They are assessed the sum of \$3000. Next case . . . the FCC has ordered a "Forfeiture Order in the amount of \$10,000 from Jason T. Green for operating a radio station on the frequency of 91.9 MHz without Commission authorization. On February 4, 2004, the District Director of the Commission's Tampa, Florida Field Office issued a Notice Apparent Liability for Forfeiture in the amount of \$10,000

to Mr. Green, who has not filed a response to the NAL. Accordingly, it is ordered that Jason T. Green is liable for a monetary forfeiture in the amount of \$10,000." Also in the Tampa area . . . the FCC has issued a Notice of Apparent Liability (read: fine) to a Mr. Gary M. Feldman in the amount of \$10,000 for operating an unlicensed radio station on 91.9 MHZ. Straight from the FCC.

□ **Light those towers!** **WEEZ-890 Laurel, Mississippi's** tower was struck by a single-engine private plane on May 1st. The station remained on the air after the collision, but the pilot and passenger of the aircraft were killed. After being inspected, the tower was brought down due to safety concerns.

□ **KFAN-1130 Minneapolis** lost four of its nine towers due to a storm on April 18. Two towers came down in the storm, and another two had to be taken down for safety reasons. The station is currently operating non-directional at low power. Normally they are U4 50000/30000, with highly directional antenna patterns to the north. A potential DX Opportunity!!

□ Our reporter in Michigan, **Phil Boersma**, reports that **WUBR-1490 Whitehall** had gone silent, but as of 4/26 they were back on the air. Co-owned **WSHN-1550** remains silent, but the three FM stations (**WEFG-97.5, WLCS-98.3, and WSHN-FM-100.1**) owned by the same company have continued to operate. Other reports indicate that **WMQV-1060 Waverly, Tennessee**, **WREV-1220 Reidsville, North Carolina**, **WJGC-1400 Fort Walton Beach, Florida**, **WBIT-1470 Adel, Georgia**, and **KWOM-1600 Watertown, Minnesota** have gone silent. Reportedly back on the air are **KAMI-1580 Cozad, Nebraska** and **WYTH-1250 Madison, Georgia**, the latter with a Nostalgia/Oldies format along with USA Network News and Sports. Listen for them IDing as *Star Station, WYTH, 1250 Madison*. **KKGM-1630 Fort Worth, Texas** seems to have returned after being off for some time. They have replaced their SS format with a religious ministry format, in English.

□ **All Weather - All the Time!** Reports indicate that **WGAB-1180 Newburgh, Indiana** is rebroadcasting the local NOAA weather station (at least at night). This was the station offered on E-Bay a while back. So if you hear what sounds like **George Carlin's Hippy Dippy Weatherman** on 1180, chances are it's WGAB.

□ The FCC reports that as of March 31, 2004 there were 4,781 licensed AM stations. Last July, there were 4,803.

□ In addition to those mentioned above, we thank **Gerry Bishop, Perry Crabill, Wayne Heinen, Herb Newberry, and Upper Midwest Broadcasting** for adding to updates.

NRC Contest

Paul Swearingen (temporary editor)
2840 SE Illinois Ave (pls@nrcdxas.org)
Topeka, KS 66605-1427

An annual DX contest which encourages DX'ing and offers prizes

The final entries are in, and congratulations to our seven participants in the 2003-2004 NRC Contest. I should mention that I neglected to add 20 points to Wayne Heinen's March loggings total, as somehow his submission for that month reached me on time, but I neglected to transfer his entry from my laptop to my desktop computer, where I prepare DXN.

Wayne was a runaway winner at the finish, and for all his hard work we'll just award him the position of NRC Contest Manager for next season; he declined to accept anything less, hi.

Congrats to all, especially our top three winners: Russell Curry, our only DXAS member, who takes home \$15 worth of anything of his choice from NRC Publications; Mike Clancy, the only contestee to send in hand-written loggings, who receives \$10 of value from NRC Publications, and Nancy Johnson, who also serves as IRCA's Contest Manager, who receives \$5. Please apply to NRC Publications by September 30, 2004, with your credit for anything, from the NRC Log to a subscription to a one-page reprint. And be ready for more NRC Contest news from Wayne any time!

..... **April Loggings**

Name	Location	Pts	LM
*Wayne Heinen	Aurora, CO	522	1
Russell Curry	Cottage Grove, OR	151	2
Mike Clancy	Jersey City, NJ	114	3
Nancy Johnson	Billings, MT	76	4
Jason Koralja	Surf City, NJ	62	5
Garret Wollman	Framingham, MA	44	6
David Jones	Springfield, TN	16	7



Domestic DX Digest

West: Harry Helms w7hlh1@cox.net

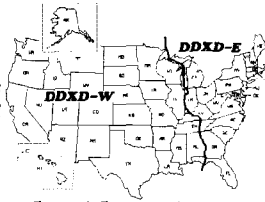
8725 Raindrop Canyon Ave. - Las Vegas, NV 89129-7667

East: Ginnie Lupi ginnie@nrcdxas.org

PO Box 3028 - Saratoga Springs, NY 12866

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

(Division line is
between East and
Central time zones)



DDXD-West

RANDOM STUFF

- As will be noted elsewhere in this issue, NRCer Chuck Boehnke of Keaau, Hawaii recently died of cancer. Chuck's location on the Big Island of Hawaii, just south of Hilo, was a superb DX location, and Chuck had a load of stories about DXing from Hawaii. Chuck, and his wife Ginny, were also superb hosts for visiting DXers, as I discovered a few years ago. RIP.
- CKY-580 in Winnipeg has gone dark, and of course Shawn Axelrod is all over the situation and the resulting DX! See the details below.
- This could be one of the more interesting summers in a long time for AM DXing as more stations go on the air with IBOC and BPL ramps up in a few localities. Loggings of the impact IBOC has on adjacent frequencies would be very useful in determining the impact IBOC will have on the AM band.
- And your loggings, whether IBOC or not, are welcome here! Please submit your loggings in the format you see below, including enough details to help your fellow NRCers log the station. **Please use Eastern local time (ELT) for all times, regardless of your local time zone.** ELT is now Eastern standard time, so you need to add the appropriate number of hours (one for Central daylight, two for Mountain daylight, and three for Pacific daylight) for all loggings submitted to this column.
- And thanks to those below who shared their loggings for this edition!

REPORTERS



DBJ-TN David B. Jones, Springfield. Drake R8B, Quantum QX Pro loop.
 DP-HI Dale Park, Honolulu. Sangean ATS-818CS, Terk AM1000 loop
 JFB-IL James F. Borek, Niles. Sony ICF2010.
 JJR-WI John J. Rieger, South Milwaukee. Icom R75, GE Superadio III, Kiwa loop, Terk loop, MFJ-959B.
 KR-AZ Kevin Redding, Mesa. Kenwood R1000, 60-foot wire, Sony ICF2010, Realistic DX398.
 SA-MB Shawn Axelrod, Winnipeg. Icom R70, Drake R8, 4-foot box loop, Quantum loop, 155 and 100 foot wires, MFJ1026 phasing unit.
 SP-WI Sheryl Paszkiewicz, Manitowoc. NRD345 and AOR LA-350 loop.
 WH-CO Wayne Heinen, Aurora. Drake R8B, N/S and E/W "flag" antennas, random wires, SuperPhaser II.
 Ed.-NV Your Editor, Las Vegas. Drake R8B, Sony ICF2010, Quantum loop and phaser.

STATION NEWS, LOG UPDATES, ETC.

580 CKY MB Winnipeg. 5/1 0300. Gone off air. Not sure what time they pulled the plug. Have signed off, now on 102.3 FM (SA-MB)
 1190 WDKA GA Atlanta. 4/19 0925. Heard with news/talk programs instead of religion; apparently a format change. (DBJ-TN)
 1290 KWLS K Pratt. 4/19 0401. In and out all evening with OLD format replacing C&W. (WH-CO)
 1350 KCAR TX Clarksville. 4/29 0605 briefly with a string of Red River County business spots, "Classic Country AM1350 KCAR." A switch from OLD and a new one for me. (WH-CO)

REGULAR DX LOGGINGS (times in ELT)

580 KIDO ID Nampa. 5/01 0400. Poor signals with Coast to Coast, ABC News, and ID. NEW! (SA-MB)
 580 KZMX SD Hot Springs. 5/2 2220. Poor signals with country music and ID as "Dakota - ?_Country." New! (SA-MB)

580 WKTY WI LaCrosse. 5/2 0355. Poor signals with SNR sports programming and ID. (SA-MB)
 590 CKRS QC Jonquiere. 5/4 2229. French news, calls, talk, interview, ads. NEW. (SP-WI)
 590 CJCL ON Toronto. 5/2 2215. Fair signals with Blue Jays baseball and "The Fan 5-90" IDs. (SA-MB)
 630 WLAP KY Lexington. 4/17 0715. Fair with Rush promo, "News Radio 630 WLAP," spots, gardening talk show, Clear Channel Worldwide News. (SP-WI)
 660 KTNN AZ Window Rock. 4/14 0710. End of "Overdrive Trucking News"; man w/ID "...on AM 6-60 KTNN," into Navajo chanting with drums. Unlike the rest of AZ, this station and the Navajo Nation reservation observe DST per Associated Press. Poor; QRM KHNR-650/KPUA-670. (DP-HI)
 690 WJOX AL Birmingham. 4/27 2309. Booming in w/Braves-Giants game, ID. Day power? (SP-WI) Not a chance; Michael "I'm Colin's kid!" Powell would be all over any station running day power at night! (Ed.-NV)
 730 WLIL TN Lenoir City. 4/26 2231. Poor with "baseball on 730 WLIL Lenoir City" and guess what—baseball. Some ads, faded into the mud. NEW. (SP-WI)
 740 CHWO ON Toronto. 4/21 0301. Out of NOS, "You're listening to all time favorites on the all night jukebox AM 740 Toronto." (WH-CO)
 750 KMMJ NE Grand Island. 4/16 0700. Brief sign on announcement and straight to news / /KRG1-1430. (WH-CO)
 800 KQCV OK Oklahoma City. 4/30 0003 with a lot of piano & EZL, devotion, calls & city 0026 by woman. (SP-WI)
 860 KKOW KS Pittsburg. 4/17 2100. Royals vs. Twins baseball, brief ID "you are listening to Royals baseball on 860 KKOW." (DBJ-TN)
 890 KLFF CA Arroyo Grande. 4/14 0657. End of "Back to the Bible"; woman with religious message, guitar mx, man w/ID "...KLFF," into program ("The Connection" according to stn website, which also says studios are in San Luis Obispo). Possible KBBI heard on top at 0708. Poor; QRM KNUI-900, het from 891, local QRM. (DP-HI)
 920 KPSI CA Palm Springs. 5/1 0615 with an interesting program called "Cowboy Corner" with stories about the old west and western themes. (KR-AZ)
 930 WRVC WV Huntington. 4/17 0227. Poor, "university..championship station News Talk 9-30 WRVC," TLK, possible sports scores. (SP-WI)
 950 WATP IL Chicago. 4/18 0010. Good, blasting in w/oldies, Air America program, "This is 950 WATP Chicago." (SP-WI)
 960 KMA IA Shenandoah. 4/17 2350. Fair with ESPN, lottery numbers, "Race Report" promo, "Regional Radio KMA Shenandoah," ABC News. (SP-WI)
 1070 CBA NB Moncton. 4/26 0357. Poor with "You are listening to CBC Radio..." out of educational program. In fade-up o/WINA, WIBC. Long fades. (JJR-WI)
 1070 CHOK ON Sarnia. 4/26 0339. Poor but clear, jingles, into OLD in w/others. (JJR-WI)
 1070 WINA VA Charlottesville. 4/21 0349. Poor in w/two or three others, calls. (JJR-WI)
 1130 KFAN MN Minneapolis. 4/30 0001. Thanks to a tip from NRCer Patrick Griffith. Dominant all night after the Wolves knocked the Nuggets out of the playoffs. First time here for me. (WH-CO) 4/19 2320. ESPN Radio with the topic Minnesota T-Wolves and the NBA Playoffs. Not a regular catch. At night can pick up WBBR and midday WISN will come in. (JFB-IL) 5/1 0100. Call-in program about the Timberwolves. (DBJ-TN) Hmmm. . . . suddenly this one is being widely heard. Maybe cheating on power/pattern, perhaps in honor of the Timberwolves' playoff run? (Ed.-NV)
 1140 KSOO SD Sioux Falls. 4/27 2115. Twins vs. Blue Jays baseball, "hear the Twins on 1140 KSOO." (DBJ-TN)
 1180 WXLA MI Dimondale. 5/2 0636. GOS, WQHH IDs, pgm promo, WXLA/WQHH ID, weather in "capital city." (SP-WI)
 1210 KGYN OK Guymon. 4/26 0427. Poor u/WPHT w/OLD C&W, calls, "High Plains weather." (JJR-WI)
 1260 KWYR SD Winner. 4/18 2200. Poor but alone on frequency w/Real Country, ID, ABC news, weather, website promo. (JJR-WI)
 1340 KTMM CO Grand Junction. 5/5 0000 with ToH ID and Sporting News Radio. Shortly after that an exciting Enzyte ad where you can be a much bigger man. Sigh. . . (KR-AZ) Boy, are there are a lot of jokes I could make with that set up. . . some of them DXing oriented, involving turning your longwire into a Bever-

age. But I will refrain! (Ed.-NV)

1390	WRIG	WI	Schofield. 4/20 2112. Poor in WGCI null w/calls & "Big Rig" slogan, NOS. (JJR-WI)
1420	KTOE	MN	Mankato. 4/27 2218. Fair; ads in Mankato, TLK, possible calls at 2230. NEW. (SP-WI)
1460	KION	CA	Salinas. 4/19 0723. "First Light with Dirk Van," old NBC and Mutual Broadcasting trip tones used ("bleep" and "bah-dup"); PSA string, back to show with entertainment nx, net ads, PSAs, light news item, outro "We return to the second half...on 14-60 KION, Your Newstalk Leader," old "Howard Cosell Speaking of Sports" sounder, ABC nx update, another ID and back to show at 0734. KHRA off as were the Clear Channel mediumwaves (KSSK-590, KHVH-830 and KHBZ-990). Fair to poor; two unIDs over/under (one with standards mx). (DP-HI)
1460	WXOK	LA	Baton Rouge. 5/3 0300. GOS, ID as "Heavenly 1460" and promo for High-Low game. (DBJ-TN)
1480	WIOS	MI	Tawas City. 4/17 0804. Poor with ABC News, weather, calls, NOS. NEW & Station #600. (SP-WI) Congratulations! (Ed.-NV)
1510	KMSD	SD	Milbank. 4/18 2135. Poor with "Goodtime Oldies 1510 KMSD" into ads, local ad, weather, calls into OLDies. WLAC gone. Rare. 14 watts! (JJR-WI) I again wonder how closely these flea-power night power levels are really observed; if they were running a couple of hundred of watts instead of just 14, would anyone other than DXers notice or even care? (Ed.-NV) Yeah, you think the FCC really cares??? (Ed.-NV)
1550	KSFT	MO	St. Joseph. 4/17 0139. Poor with OLD, "Good Time Oldies," "The Oldies Station," mentions of a casino, "1550 KSFT" ID, news. (SP-WI)
1560	KKAA	SD	Aberdeen. 4/17 2258. Fair with ID "News Talk 15-60 KKAA Aberdeen," ABC News, calls, then Coast to Coast. NEW. (SP-WI)
1580	WLIJ	TN	Shelbyville. 5/3 2309. C&W, weather for Shelbyville, spots. NEW. (SP-WI)
1580	WWSJ	MI	St. Johns. 5/3 2253. GOS, calls. (SP-WI)
1590	WHLS	MI	Port Huron. 4/18 2129. Poor but no WAKR. "AM 1450 and AM 1590" and NOS (WW1). (JJR-WI)

DDXD-East

Please note my surface mail address change, effective immediately: PO Box 3028, Saratoga Springs, New York 12866.

REPORTERS

MKB-ON	Mike Brooker, Toronto - Grundig YB-400PE, Panasonic RF-2200.
DH-NJ	Dave Hochfelder, Highland Park - Sony ICF-2010 with Quantum QX Pro.
IEN-GA	Ira Elbert New, III, Watkinsville - 1996 Isuzu Rodeo Premium Audio System 8200.
HN-GA	Herbert Newberry, Milledgeville - Kenwood R-5000, Quantum Phaser with 2 random wires, Quantum QX Pro Loop.
AO-FL	Al Ogrizovich, Jacksonville - Crane Radio Plus and Justice loop.
BT-NB	Brent Taylor, Doaktown - Icom IC-R75 (Kiwa mods), Pennant antenna pointed north-east.
DT-ON	Don Trelford, Toronto - Sangean 818 ATS, short longwire, inside, N-S.

PRESUMED AND UNID

540	WJQIp	TN	Clarksville - 3/31 2112- AC and older popular music, ad for Classic Transit, poor under CBEF. (DT-ON)
950	WROLp	MA	Boston - 4/14 2022- two men talking religion, poor with interference from CKNB. (DT-ON)
	CKNBp	NB	Campbellton - 4/14 2043 - FFC & W music and square dance number, woman announcer, no ID heard, poor. (DT-ON)

STATION LOGGINGS

620	WRJZ	TN	Knoxville - 4/2 2000 - religious talk, promotion for event and mention of WRJZ. Poor. (DT-ON)
650	CBGA	NL	Gander - 4/16 1921 - Good signal. Live coverage of a hockey game between the Southern Shore Breakers and the Corner Brook Royals. VOCM sports network ID at 1925. (BT-NB)

710	WUFF	GA	Eastman - 4/28 2051 - southern gospel with Big Wool liner into a preaching program at TOH. (AO-FL)
730	WSCC	SC	Charleston - 4/13 1145 - fair, "newsradio WSC", with Paul Harvey, news at :55, then into Rush. On longwires/phaser. New, unexpected for daytime (is their CP on?). (HN-GA)
780	WWOL	NC	Forest City - 5/1 1830 - Sign-off. "780 WWOL." (IEN-GA)
810	WCKS	AL	Jacksonville - 4/13 1400 - after bluegrass number, "810 WCKS, Jacksonville" into ABC News. Format change? Log shows TLK/SPT. On longwires/phaser with stations way in background. New with this call sign. (HN-GA)
850	WLYE	PA	Johnstown - 4/3 2015 - play-by-play hockey game, Atlantic City-Johnstown, Johnstown businesses mentioned, poor. (DT-ON)
	WKVL	TN	Knoxville - 4/18 0730 - network ID at BOH: "WKVL, Knoxville; WGAP, Maryville (TN, 1400); WATO, Oak Ridge (TN, 1290); WLOD, Loudon (TN, 1140); WMTY, Farragut (TN, 670). This is the Horn Radio Network." Then weather, local ads, back to "the Joy Reynolds Show, live from New York." On longwire/phaser, S9 level, excellent. New. (HN-GA)
	WKNR	OH	Cleveland - 5/1 1835 - A Black All-Star Game of some sort, but I didn't catch the sport. "Sportstalk 850 WKNR." (IEN-GA)
910	WLAT	CT	New Britain - 4/5 2113 - popular Latin American music, mention of number of cities like Howell, Hartford. SS, poor. (DT-ON)
1000	WVOF	SC	Walhalla - 4/18 1945 - "Jukebox Saturday Night on the Goodtime Oldies Station, 1000, WVOF, the Big Wolf," between oldies. Not talk format as listed. On longwires/phaser with lots of adjacent splatter. No sign of WMVP. New. (HN-GA)
1080	WWNL	PA	Pittsburg - 4/27 0655 - In touch program, WWNL TOH and weather. (AO-FL)
1130	KFAN	MN	Minneapolis - 4/28 2300 - Fair to good with WBBR phased as much as possible. KFAN on backup non-directional antenna. Carrying ESPN and local ad for Southwest Paving with 952 area code and southwestpaving.com website. Thanks to Bob Galerstein for noticing this one a few nights previously. New. (DH-NJ)
1170	WKFL	FL	Bushnell - 4/11 1958 - sporting news and TOH ID. (AO-FL)
	WLGO	SC	Lexington-Columbia - 4/24 1803 - full legal ID: WLGO, 1170 AM, 10,000 watts of gospel power coming from the heart of South Carolina. WLGO Lexington-Columbia, we let God happen." On longwires/phaser, S5 level, alone on frequency, good. New. (HN-GA)
1200	WSML	NC	Graham - 4/24 1900 - Carolina League (Minors) Baseball on "newstalk 600, WSJS". WSML // WSJS. Fair minor fades, on longwires/phaser, prior to LSS. New. (HN-GA)
	WXIT	NC	Blowing Rock - 5/1 1800 - Sign-off. "Newstalk 1200, WXIT." (IEN-GA)
1220	WENC	NC	Whiteville - 4/8 0641 - spot break with mentions of Whiteville in every spot. (AO-FL)
1350	WSMB	LA	New Orleans - 4/13 2110 - presumed with Phil Hendry show. (AO-FL)
1360	CKBC	NB	Bathurst - 4/26 0020 - Fair to good under/over WDRG. Basketball scores, call ID, then into music. New. (DH-NJ)
1380	WSYB	VT	Rutland - 4/17 0642 - Fair to good. Ad for the Rutland Home & Garden Outdoor Expo coming up on Saturday and Sunday, "sponsored in part by WSYB." Fox sports update at 0643. Program note aired just before 0700, that "Sports Talk, Vermont's #1 talk show," was going to be pre-empted by Red Sox baseball. Legal ID at 0700 and into CNN news. (BT-NB)
1390	WVAA	VT	Burlington - 4/17 0701 - fighting WFBL/WNIO mix with local weather, slogan "all-American country 1390 WVAA" into C&W song. (MKB-ON) + 4/25 0110 - Fair to good under dominant Syracuse. Country and Western music and 2 call ID's. Spanish way under. New. (DH-NJ)
1410	WLVV	AL	Mobile - 4/13 2110 - urban gospel, quarter hour ID and Victory 1410 liners. (AO-FL)
	WHLN	KY	Harlan - 4/18 2023 - Singing jingle "Harlan weather". 75 degrees in Harlan, than back to oldies on "the big one, WHLN." In and out in a S9 background. On longwires/phaser. Poor. New. (HN-GA)
	WING	OH	Dayton - 4/29 0703 - over CHKT-1430 slop with ID at end of local weather: "...57 degrees at ESPN 1410 WING, your exclusive home for Dayton Drag-

- ons baseball." (MKB-ON)
- 1440 WJAE ME Westbrook - 4/17 0721 - Good. Out of Sporting News Flash and into commercial island with Shrine Circus, Nyquil and ad for the "BigJab.com" web site. "WJAB 1440" ID at 0724. The talk of previous day's Rex Sox game. (BT-NB)
- 1450 WWJB FL Brooksville - 4/13 2002 - ABC news into Lars Larson program and spot for Hernando county car dealer. (AO-FL)
- 1470 WMBD IL Peoria - 3/26 2056 - talk show, shot ID as WMBD, news, Bruce Williams show, poor. (DT-ON)
- WPDM NY Potsdam - 4/17 0733 - over oldies station (WTKO or WKAP) with local news about eastern Ontario and Quebec retailer Giant Tiger opening a store in Potsdam. (MKB-ON)
- 1480 WZRC NY New York - 3/26 2137 - Chinese music promotion for something for East Asians (in English), "on WZRC", poor, interference from WHBC. (DT-ON)
- WPFJ NC Franklin - 3/27 2017 - gospel music, religious talk, ad for High Point Furniture, WPFJ mentioned, poor under WHBC. (DT-ON)
- 1500 WGFT OH Youngstown - 3/28 2020 - religious talk show, "WGFT news roundup", poor under WLQV. (DT-ON)
- WLQV MI Detroit - 3/28 2025 - gospel music and fire and brimstone preacher, ID in promotion for program "on WLQV", poor to fair, light interference from WGFT. (DT-ON)
- 1520 KRHW MO Sikeston - 4/6 0537 - Country music with "KRHW continuous country" liners. (AO-FL)
- 1530 WSAI OH Cincinnati - 4/18 2032 - with IBOC on full bore, solid signal on 1530, but 1520 and 1540 totally wiped out. Could hear it 1513-1547 kHz. On longwires/phaser and loop. (HN-GA)
- 1570 WLBQ KY Morgantown - 4/23 0604 - over nothing in particular with top of hour ID (a few minutes past the TOH): "The voice of Butler County, 1570 AM WLBQ Morgantown". (MKB-ON)
- 1580 WTTN WI Watertown - 3/30 2058 - ESPN sports talk show, mention of WTTN several times. (DT-ON)
- 1600 WRPN WI Ripon - 4/23 0600 - over WWRL/WAAM mix with ID as "AM 1600 WRPN" into CBS news. (MKB-ON)
- 1680 WDSS MI Ada - 4/12 0603 - Radio Disney and AM 1680 WDSS liners. (AO-FL)

NON-ARCANE ABBREVIATIONS USED IN DDXD

//:parallel to :00:on the hour AC:Adult contemporary AP:Associated Press BBD:big band C&W:country & western CCR:contemporary Christian radio CHR:contemporary hit radio CID:code ID CL:call letter EZL:easy listening EE:English FF:French GOS:gospel LSR:local sunrise LSS:local sunset NFL:National Football League NBA:National Basketball Association NHL:National Hockey League NPR:National Public Radio OC:open carrier PSRA:pre-sunrise authority PSSA:post-sunset authority QRM:man-made interference (power lines, etc) QRN:natural interference (lightning, etc) QTH:location PRI:Public Radio International REL:religious ROK:rock 'n' roll RS:regular schedule \$:stereo SID:singing ID SRS:sunrise skip SS:Spanish SSB:Star Spangled Banner SSS:sunset skip TC:time check TT:test tones UC:urban contemporary UPI:United Press International VID:voice ID

The NRC AM Radio Log, 24th Edition,
including cross-referenced listings from 530-1700
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International DX Digest

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 Nashua, NH 03062-1174

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

I'm Bruce Conti and I approved this message. For some of us in the north who endured the coldest winter in nearly a century, the warm weather's finally here. Mark Connelly says, "Spring is here and outdoor DXing is back!" Now's the time to take a cue from Mark and explore remote DXpedition sites. Extend the so-called DX season into a year round activity, as it should be. Don't forget the bug repellent!

Transatlantic DX

- 153 GERMANY *DeutschlandRadio*, Donebach APR 22 0120 - Parallel 756 with classical piano music; fair over others. [Connelly-MA] APR 26 0302 - News, German female presenter, mostly under Algeria, fair/good, slow fades, parallel 176 and 207 kHz. [Stromsted-MA]
- 162 FRANCE *France-Inter*, Allouis APR 22 0119 - Man in French; good. [Connelly-MA]
- 171 MOROCCO *R.Mediterranee Internationale*, Nador APR 22 0119 - Arabic vocal, strings, drums; local-like. [Connelly-MA]
- 177 GERMANY *DeutschlandRadio Berlin*, Oranienburg APR 19 0135 - American dance music, female vocal (1940's?), German male DJ, slow ballad, Latin beat, female singer, strongest TA (after RF) parallel SW 6005 - poor. [Stromsted-MA] APR 22 0118 - Blues vocal; to good peak. [Connelly-MA] APR 26 0302 - News, German female presenter, good, parallel 153 and 207 kHz. [Stromsted-MA]
- 189 ICELAND *Ríkisútvarpið*, Gufuskálar APR 16 0255 - Catchy music, mixed chorus; big signal! Loudest TA. [Stromsted-MA] APR 22 0118 - Man and woman in Icelandic; fair. [Connelly-MA]
- 198 UNITED KINGDOM *BBC R.4 Droitwich* et al. APR 22 0117 - Segment of Smash Mouth song "All Star," then sports-related talk including mentions of marathon runners; good. [Connelly-MA]
- 207 GERMANY *DLF Aholming* APR 26 0302 - News, German female presenter, mostly under Algeria - fair, and under Morocco, parallel 153 and 177 kHz. [Stromsted-MA]
- 225 POLAND *PR-1 Solec Kujawski* APR 23 0135 - Romantic ballad, female singer, poor to fair signal with beacons under. [Stromsted-MA]
- 234 LUXEMBOURG *R.Luxembourg*, Junglinster APR 22 0121 - Good with U2 song "I Still Haven't Found What I'm Looking For." [Connelly-MA]
- 252 IRELAND *RTE R.1 Clarkestown* APR 22 0116 - Parallel 567 with historical discussion; huge / local-like. [Connelly-MA]
- 567 IRELAND *RTE R.1 Tullamore* APR 22 0116 - Parallel 252 with historical discussion; good. [Connelly-MA]
- 585 SPAIN *RNE R.1 Madrid* APR 22 0115 - Parallel 855 with upbeat talk and joking with several announcers; good. [Connelly-MA]
- 612 MOROCCO *RTM A Sebaa-Aioun* APR 21 2348 - Arabic flute and string music; well over Ireland. [Connelly-MA]
- 621 CANARY ISLANDS // SPAIN *RNE R.1 synchros*, Santa Cruz de Tenerife et al. APR 21 2330 - Spanish talk, laughing; excellent. [Connelly-MA]
- 639 SPAIN *RNE R.1 La Coruña* APR 22 0114 - Parallel 855 with fast Spanish talk; through CBN slop. [Connelly-MA]
- 657 SPAIN *RNE R.5 Madrid* APR 22 0111 - Parallel 855 with Spanish talk, joking; good. [Connelly-MA]
- 666 GERMANY *SWR Rohrdorf* APR 19 0115 - Political review with taped segments, to poor peak then fadeout parallel SW 7265 Rohrdorf - good signal. [Stromsted-MA]
- 675 NETHERLANDS *Arrow Rock Radio*, Lopik APR 19 0144 - Rock Western tune, to fair peak signal. [Stromsted-MA] APR 22 0113 - '80s-era pop-rock vocal; fair with WRKO phased. [Connelly-MA] Note the new nickname *Arrow Rock Radio*, per the April MWC Medium Wave News, formerly *Arrow Classic Rock* and *Radio 10*.
- 684 SPAIN *RNE R.1 Sevilla* APR 21 2332 - Parallel 621 with Spanish interview; good. [Connelly-MA]
- 693 UNITED KINGDOM *BBC R.5 Droitwich* et al. APR 21 2333 - Talk mentioning the European Union constitution; fair. [Connelly-MA]

- 14
702 **MOROCCO** RTM Sebaa-Aioun APR 21 2334 - Tentative; carrier with weak audio that sounded like an Arabic vocal. [Connelly-MA]
- 711 **FRANCE** Rennes APR 21 2317 - Initially the channel was a complete jumble (France/Libya/W.Sahara), but France finally struggled atop the pile with '50s R&B song "Work With Me Annie," parallel 945. [Connelly-MA]
- 711.04 **WESTERN SAHARA** RTM Laayoune APR 21 2334 - Female Arabic vocal; slightly over mess. [Connelly-MA]
- 738 **SPAIN** RNE R.1 Barcelona APR 21 2335 - Spanish talk; in CHCM slop. [Connelly-MA]
- 747 **BULGARIA** R.Horizont, Petrich synchro (presumed) APR 21 0130-0145 - Female a capella mid-Eastern song with some flute/string accompaniment. It seemed to be more Greek sounding than Arabic, but unable to confirm as the signal abruptly disappeared at about 0145. There was no signal (such as Holland) under. Possibly could be Syria (100 kW) but Bulgaria is listed in WRTH at 500 kW and with a sign off listed a bit earlier but winter sked. Uncertain about Bulgarian music in general and religious music style if that. Good to poor reception, in slow fade cycle. [Stromsted-MA]
- 747 **NETHERLANDS** Flevoland APR 21 2336 - Dutch teletalk, mentioned Kuwait, Arabs; fair to good. [Connelly-MA]
- 756 **GERMANY** DeutschlandRadio, Braunschweig & Ravensburg APR 16 0250 - Piano concerto; fair signal, parallel 153 (under Algeria, open carrier). [Stromsted-MA] APR 21 2338 - Man in German, then sad-sounding folk male vocal. [Connelly-MA]
- 765 **SWITZERLAND** RSR Sottens APR 21 2340 - Old style romantic French male vocal; very good. [Connelly-MA]
- 774 **SPAIN** RNE R.1 synchros APR 21 2341 - Parallel 684 with group discussion, some audio echo noted; good over others. [Connelly-MA]
- 783 **MAURITANIA** R.Mauritanie, Nouakchott APR 21 2314 - Parallel 4845 with stern Arabic talk by man (a sermon?); good. [Connelly-MA] APR 28 0022 - Female, Arabic (?) teletalk, strong signal - loudest TA on new SE wire. [Stromsted-MA]
- 792 **FRANCE** Limoges APR 21 2313 - Parallel 945 with '40s big-band jazz, female vocal; good. +APR 21 2342 - Parallel 1206 with jazz; excellent. [Connelly-MA]
- 801 **SPAIN** RNE R.1 synchros APR 21 2342 - Fast Spanish talk in tough VOWR/CJAD/CHRC slop with WNNW phased. Possible Arabic music (Jordan?) mixed in at times. [Connelly-MA]
- 837 **CANARY ISLANDS // SPAIN** COPE synchros APR 19 1947 - Male talk host and female caller, poor to fair peak. [Stromsted-MA] APR 21 2345 - News about España; over dogpile with France/Azores/others. [Connelly-MA]
- 855 **SPAIN** RNE R.1 synchros APR 21 2306 - Female folk vocal, then Spanish talk by man; actually overpowering WEEI when phaser was set for 850 null. [Connelly-MA]
- 864 **FRANCE** Paris APR 21 2346 - French female pop vocal, then French talk; good. [Connelly-MA]
- 873 **SPAIN** SER synchros APR 21 2306 - SER news; poor to fair. [Connelly-MA]
- 882 **UNITED KINGDOM** BBC R.Wales, Washford APR 21 2354 - English talk, then "Desperado" by the Eagles; over Canaries/Spain. + APR 22 0105 - Mentions of foreign university students having a hard time getting back into the US after visiting their families in China; over two other stations (Spanish, Arabic). [Connelly-MA] APR 23 0417 - Woman and man in discussion in English around brief bits of music. I tried for parallels on 693 and 909 but only the latter had a signal and it was poor. [Dangerfield-PA]
- 890.98 **ALGERIA** Chaîne 1, Algiers APR 21 2356 - Two men in Arabic, then music; at low audio level on big carrier. [Connelly-MA]
- 909 **UNITED KINGDOM** BBC R.5 synchros APR 21 2358 - Talk about Australian cricketers, the proliferation of mobile phones making callboxes increasingly less available, BBC Five Live ID, "It's 1 o'clock," talk about possible reasons for the "big kill" 65 million years ago that made dinosaurs extinct, mention of TV announcer who made a racist comment; good signal. [Connelly-MA]
- 936 **SPAIN** RNE R.5 synchros APR 22 0104 - Parallel 855 with Spanish news; poor to fair. [Connelly-MA]
- 945 **FRANCE** Toulouse APR 21 2312 - French talk, swing jazz; loud. [Connelly-MA]
- 954 **SPAIN** Onda Cero, Madrid APR 22 0002 - Spanish news; over unID (Qatar or Turkey?) and tough CHNS slop. [Connelly-MA]
- 981 **ALGERIA** RTVA Chaîne 2, Algiers APR 21 2310 - News by a man in Arabic; light audio level on a massive carrier that was demolishing WCAP. [Connelly-MA]
- 999 **SPAIN** COPE Madrid APR 21 2309 - Fast Spanish talk; over Arabic music station (Morocco ?). + APR 22 0006 - Cadena COPE ID; huge. [Connelly-MA]
- 1008 **CANARY ISLANDS** Onda Cero, Las Palmas APR 21 2305 - Non-SER Spanish talk; loud, way over SER station. [Connelly-MA] APR 28 0226 - Male/female announcers, news? Loud peak into fast fadeout. SE wire. [Stromsted-MA]
- 1008 **SPAIN** SER synchros APR 21 2305 - Parallel 873 with Spanish newstalk; under Canary Islands station. [Connelly-MA]
- 1017 **SPAIN** RNE R.5 synchros APR 22 0102 - Parallel 855 with Spanish news interview; over Germany and Turkey. [Connelly-MA]
- 1035 **PORTUGAL** R.Nacional, Lisboa APR 22 0101 - Portuguese vocal; in WBZ slop. [Connelly-MA]
- 1044 **MOROCCO** Sebaa-Aioun APR 21 2304 - Rustic banjo music and vocal that sounded like a fusion of North African, Japanese, and Appalachian music styles; huge S9+20 signal. [Connelly-MA]
- 1044 **SPAIN** SER synchros APR 22 0009 - Spanish teletalk; excellent, mixed with blank carrier that may have been post-sign-off Morocco. [Connelly-MA]
- 1053 **UNITED KINGDOM** TalkSport synchros, APR 22 0012 - Phone-in poll on subject "Does being tall make you superior?" talk about extraordinary operations being performed in Beijing to make people taller, telephone number given as "704 20 20 20"; over others. +APR 22 0100 - Advert for "adult telephone talk", then mention of claim line for injury insurance settlements (0800 783 8000), wine advert by Jamaican-accented man, ID "TalkSport 1053 and 1089," news; huge signal. [Connelly-MA]
- 1062 **DENMARK** DR-P3 Kalundborg APR 16 0300 - Loudest TA, international news, Danish male newscaster, music bumpers, Danish song (?) with male vocal. [Stromsted-MA]
- 1062 **ITALY** RAI R.Uno synchros APR 22 0013 - Believed this with Italian-sounding talk, piano music. [Connelly-MA]
- 1071 **SPAIN** Euskadi Irratia, Bilbao APR 22 0057 - Spanish talk, guitar music; fair, in CBA slop. [Connelly-MA]
- 1080 **SPAIN** SER synchros, APR 22 0057 - Parallel 1044 with Spanish talk, musical interlude; under WTIC. [Connelly-MA]
- 1089 **UNITED KINGDOM** TalkSport synchros APR 22 0017 - Announcer said "Summer's coming. How would you like to win a crate of bitter? That's right, 24 cans of beer," loud. [Connelly-MA]
- 1098 **SPAIN** RNE R.5 synchros APR 22 0019 - Echoey Spanish teletalk. [Connelly-MA]
- 1107 **SPAIN** RNE R.5 synchros APR 22 0019 - Parallel 1098 with teletalk; fair. [Connelly-MA]
- 1116 **SPAIN** SER synchros APR 22 0020 - Parallel 1044 with talk; fair. [Connelly-MA]
- 1125 **CROATIA** Hrvatski R., Deanovec APR 22 0021 - Parallel 1134 with Slavic talk by woman; over two others (presumed Spain/Madeira). [Connelly-MA]
- 1134 **CROATIA** Hrvatski R., Zadar APR 15 0230 - Slavic language rapid speech, female and male news presenters, mentioned Iraq; good signal, Spain under, minimum splatter. [Stromsted-MA] APR 16 0048-0053 - Good with pop vocals in presumed Croatian. Best signal in USB to avoid WBBR splatter. [DeLorenzo-MA] APR 22 0022 - Woman mentioned what sounded like "kniga na holokausto" (book about the Holocaust?) in panel discussion program; loud, way over Spain. [Connelly-MA]
- 1143 **SPAIN** COPE synchros APR 22 0022 - Parallel 1296 with woman in Spanish. [Connelly-MA]
- 1152 **SPAIN** RNE R.5 synchros APR 22 0056 - Parallel 855 with Spanish talk; over unID music. [Connelly-MA]
- 1179 **CANARY ISLANDS // SPAIN** SER synchros APR 21 2220 - Spanish teletalk with woman; fair, fading up. [Connelly-MA]
- 1206 **FRANCE** Bordeaux APR 21 2300 - Musical fanfare, then into French news. [Connelly-MA]
- 1215 **UNITED KINGDOM** Virgin R. synchros APR 21 2257 - "Kiss From a Rose" by Seal, then presenter gave web site, telephone, and postal address for Virgin Radio; good. [Connelly-MA]
- 1224 **SPAIN** COPE synchros APR 21 2222 - Parallel 1296 with fast Spanish talk, teletalk; fair. [Connelly-MA]
- 1242 **FRANCE** Marseille APR 21 2256 - Several French announcers; through WBUR splash. [Connelly-MA]
- 1251 **LIBYA** Libyan Jamahiriya, Tripoli APR 22 0055 - Arabic public address; fair to good. [Connelly-MA]
- 1287 **SPAIN** SER synchros APR 22 0054 - Woman with Spanish teletalk; fair. [Connelly-MA]
- 1296 **SPAIN** COPE Valencia APR 21 2222 - Parallel 1224 with teletalk; through WJDA slop. [Connelly-MA]
- 15

- 16 1296 UNITED KINGDOM R.XL Langley Mill APR 22 0054 - Indian music male vocal; good, over Spain. [Connelly-MA]
- 1314 NORWAY NRK Kvitsøy APR 22 0025 - UK '90s era rock, man and woman in Norwegian; good to excellent. [Connelly-MA] APR 28 0203 - Soft rock with group vocal, fair signal, steady, minimum fading. Oddly, clearest on SE wire. [Stromsted-MA] APR 28 0239 - Good, with slow pop music and a female vocal. Was also good on April 23 with the same type music but two hours earlier. Both times 1431 had a strong signal. [Dangerfield-PA]
- 1332 ITALY RAI R.Uno synchros APR 22 0026 - Italian male opera vocal; excellent. [Connelly-MA]
- 1341 CANARY ISLANDS // SPAIN SER synchros APR 21 2255 - Man in Spanish talk; over others. [Connelly-MA]
- 1341 NORTHERN IRELAND BBC R.Ulster, Lisnagarvey APR 22 0027 - Talk about workers, contracts; to good peak. [Connelly-MA]
- 1359 SPAIN Arganda APR 21 2254 - Spanish interview; loud, clobbering WLYN. [Connelly-MA]
- 1377 FRANCE Lille APR 22 0029 - Parallel 1206 with female blues vocal; good, over slight WMYF slop. [Connelly-MA]
- 1395 NETHERLANDS Trintelhaven APR 21 2252 - "Everlasting Love" by Robert Knight, then "I Want to Know What Love Is" by Foreigner; battling slop from 1390 WPLM and 1400 WIDE. + APR 22 0030 - "Happy Together" by the Turtles. [Connelly-MA]
- 1404 FRANCE synchros APR 22 0030 - Parallel 1206 with blues song, then man in French; to good peak. [Connelly-MA]
- 1413 SPAIN RNE R.5 synchros APR 21 2224 - Spanish talk; in jumble. [Connelly-MA]
- 1422 ALGERIA Algiers APR 21 2225 - Arabic music; good, well over Germany. [Connelly-MA]
- 1422 GERMANY DeutschlandRadio, Heusweiler APR 22 0050 - Parallel 756 with classical piano music; good. [Connelly-MA]
- 1431 DJIBOUTI R.Sawa, Arta APR 21 2225 - Pop Arabic vocal; fat het against WXKS. +APR 21 2245 - "Have You Ever Loved a Woman" by Bryan Adams, then into female disco vocal; briefly in the clear. +APR 22 0034-0044 - Arabic talk, web URL "www.radiosawa.com," "Get Busy" by Sean Paul, Arabic female vocal, talk with Sawa mention and electronic sound, then into "I'm Gonna Getcha Good" by Shania Twain; to good peaks. [Connelly-MA] APR 23 0140 - Pop music, then a man spoke but not sure of the language. +APR 28 0240 - A man and woman were speaking in I believe, Arabic, followed by pop music with a vocal. Not enough material yet to send a report but I am hoping and maybe getting a R.Sawa ID. Since the Ukraine station left the air a few years ago very little has been heard by me on this frequency except late night hets from the RAI stations. [Dangerfield-PA]
- 1467 FRANCE TWR Roumoules APR 21 2203 - Male Arabic vocal and guitar accompaniment in a Christian folk style; good signal more than 90 minutes before sunset. [Connelly-MA]
- 1485 SPAIN SER synchros APR 22 0047 - Parallel 1044 with woman in Spanish; good. [Connelly-MA]
- 1503 SPAIN RNE R.5 synchros APR 21 2230 - Spanish news; over two others (likely Azores/Iran). [Connelly-MA]
- 1521 SAUDI ARABIA BSKSA Duba APR 21 2205 - Fading up to good strength with Arabic news, then man talking over string music. + APR 21 2230 - Now at local-like strength! [Connelly-MA]
- 1548 KUWAIT R.Sawa, Kabd-Kuwait City APR 22 0048 - Pop Arabic music; over UK talk stations. [Connelly-MA] APR 28 2245 - Fair, with pop female vocals, man and woman in Arabic. I thought maybe this might be parallel to 1431 and apparently is but not the music. [Dangerfield-PA]
- 1550 ALGERIA RASD clandestine, Tindouf APR 21 2235 - Parallel 7460 with a woman in Arabic; under WNTN, over WZDK. [Connelly-MA]
- 1557 FRANCE Nice APR 21 2206 - Two men talking in French; to good peak, better than 1560 WQEW. [Connelly-MA]
- 1575 SPAIN SER synchros APR 21 2237 - Excited Spanish talk, SER mention; over two others. [Connelly-MA]
- 1584 CEUTA RadiOlé, APR 21 2207 - Spanish female vocal in a style similar to mellow US soul; over others. 1 kHz tone-tester in the background. [Connelly-MA]
- 1593 unID APR 22 0049 - Egypt or Kuwait here with Arabic music; over mess. [Connelly-MA]
- 1602 SPAIN R.Vitoria, Vitoria APR 21 2209 - Spanish rock; over SER synchros and tough 1600 WUNR slop. [Connelly-MA]

Ben speaks: The last week of April provided a breakthrough of sorts on 1431 R.Sawa, Djibouti. After

Mark Connelly posted his logging of this station, the next night I went looking after first noting a good signal from 1314 Norway, which is always a favorable sign of good reception. I found a big het on 1431 around mid-evening and was able to pull out some audio of music and talking. That was the evening of April 22/23. Again, on April 27/28 I found the strong het and was able to extract music and voice audio. At that point I tried 1548 R.Sawa, Kuwait and that station was coming in with songs and announcements. But not enough to report yet. I asked if any of our European listeners knew whether these Sawa outlets were running parallel. Mauno Ritolo of Finland responded that yes, they did on news, but not the music. So I have to keep on trying for reportable material as I need Djibouti (have verified Kuwait). Unfortunately I am not very good on the pop songs of the recent decades, only the old standards. Incidentally 1314 Norway was also in nicely the second time I had the 1431 signal. Elsewhere, TAs have been quite good in this last week of April.

Pan-American DX

- 555 ST KITTS & NEVIS ZIZ Radio, Basseterre APR 17 0740 - BBC relay, male host, review of microbiology developments worldwide, taped reports from USA, UK, Australia, Switzerland, etc., good signal. [Stromsted-MA]
- 600 CUBA R.Rebelde, Urbano Noris APR 29 0900 - Good; ID, "la emisora de la revolución," and theme song, over "WCAO, the W stands for worship." [Conti-NH]
- 660 CUBA R.Progreso, Santa Clara APR 26 0900 - Good; "la onda de la alegría" ID, chime with time check, and program intro with "Radio Progreso, cadena nacional" mention, over an unID Spanish station likely from México, WFAN was off. [Conti-NH]
- 860 CUBA R.Relej, Baracoa (presumed) APR 28 0930 - Dominant over Canada. Clock ticks, code, male newscaster, poor audio quality but dominant on channel (only on SE wire). [Stromsted-MA]
- 1060 MEXICO XEEP R.Educación, México DF APR 19 0920 - Radio theatre, highly emotional female and angry voiced male, "morte," threatening language, etc. Signal over/under KYW, parallel SW 6185 - good signal. [Stromsted-MA]
- 1080 MEXICO XEDY San Luis Río Colorado, Son MAY 1 0400 - A full ID and station particulars the Mexicans give. A reverse Murphy while listening to the Texas Rangers shellac the Boston Red Sox in a sweep of a double header on KRLD. Happened during a stop set between innings. Didn't miss any of the game. Sometimes life is good. [Redding-AZ]
- 1620 US VIRGIN ISLANDS WDHP Frederiksted APR 25 0320-0400 - Very strong atop channel relaying R.Martí in Spanish with discussion programs on Cuba and ID's, "Aquí Radio Martí... Miami, Florida, Estados Unidos." My theory that this was WDHP confirmed by Barry McLarnon who heard the WDHP ID at 0407. [DeLorenzo-MA] APR 27 0159 - BBC news lead was Iraq, strong signal. At 0320, country music, female vocal, "We can never be happy living in sin," etc. Strong dominant signal. [Stromsted-MA]

Erik comments: Spent time fixing southeast and south wires and testing for comparison with north-east wire. Initial conclusions; definite improvement in directivity but still domestics dominant except in propagation anomalies. But the wires do encourage enhanced reception in wire direction. All wires terminated at far end. Antennas generally 20-ft high to discourage snaring by deer and moose (now here) and reduce blowdown wire trail blockage. Generally, lower pine tree dead broken off branch ends are used for wire support. Most wire sections are in woods. Next task is to install a MFJ 1026 modified noise canceller.

**Middy Cuban Bandscan from Marco Island, Florida
April 4, 2004 - Paul V. Zecchino**

Freq.	Network	Location	Bearing			
550	R.Rebelde	Pinar del Río		800	R.Progreso	Bahía Honda 202
570	R.Relej	Santa Clara	156	820	R.Ciudad Habana	Habana
590	R.Musical	La Julia, Habana		820	Jammer	150 sharp
600	R.Rebelde	Urbano Noris		840	Dobleve	Santa Clara 160 sharp
620	R.Rebelde	Colón, Matanzas	170	850	R.Relej	Nueva Gerona 225 approx.
640	R.Progreso	Guanabacoa, Habana		860	R.Relej	Colón, Matanzas (probable)
660	R.Progreso	Santa Clara	179			172 good
670	R.Rebelde	Arroyo Arenas	215 approx.	870	R.Relej	Sancti Spiritus 150 approx.
690	R.Progreso	Jovellanos	152	880	R.Progreso	Pinar del Río 218
710	R.Rebelde	Matanzas		890	R.Progreso	Chambas 148 sharp
730	R.Progreso	Nueva Gerona		910	R.Metropolitana	Habana 220
750	R.Progreso	Trinidad, SS	170 sharp	930	R.Relej	Ciego de Avila 150 approx.

Silent Stations- May, 2004

18									
950	R.Relej	Arroyo Arenas	208	1140	Jammer				
960	R.Enciclopedia	Matanzas	170 approx.	1180	R.Rebelde	Villa María			
980	COCO	Guanabacoa	188	1210	R.Sancti Spiritus	Sancti Spiritus	150		
990	R.Guamá	La Palma, Pinar	206	1260	R.Enciclopedia	Habana			
1000	R.Guamá	Matahambre	204	1290	DobleVé	Rancho Veloz, VC	172		
1020	R.Guamá	Bahía Honda	204	1310	DobleVé	Sagua la Grande	172		
1030	R.Musical	La Palma, Pinar	weak	1310	R.Enciclopedia	Isla Juventud (possibly)			
1060	R.26	Matanzas	174				182		
1080	R.Cadena Habana	Güines	184	1330	R.Jaruco	Artemisa, HA			
1090	R.Guamá	Matambre, HA	194	1340	R.Ciudad del Mar	Palmira, Cienfuegos			
1090	R.Cadena Habana	San Antonio, HA	194				170		
1100	R.Cadena Habana	La Salud, HA	192	1390	R.Jaruco	Jaruco, HA			
1120	R.Cadena Habana	Artemisa, HA	194	1400	R.Musical	Matanzas, MA	weak		
1140	R.Ciudad Bandera	Habana		1470	R.Ciudad Bandera	Cárdenas, MA			
1140	R.Cadena Habana	Habana	1540	R.Sagua	Sagua la Grande, VC		152		

Noteworthy: 640 R.Progreso is a mess without a loop due to interference from WJNA Royal Palm Beach FL, and its newly authorized Running Dogs of Imperialism power increase. Weep not, Leider Maximo will shortly present his brilliant solution to this perfidious abrogation of the peoples' air-waves.

Contributors

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International News

FRANCE: Superloustic started its first programme 24 March at noon on Paris area 999 kHz. They have an audio stream 96k stereo on their web site www.superloustic.net. The station will start in Marseille area (south east of France) on 675 kHz in May. [Thierry Vignaud via Bengt Ericson, April 19 ARC Information Desk] The 5 kW transmitter, operated by Télédiffusion de France (TDF), is located in Villebon-sur-Yvette, Southwest of Paris. Superloustic is targeting children of 7-11 years of age, and much of the programming is children's music - modeled after the success of Radio Disney in the United States. Later on the station plans to launch a transmitter in Marseille on 675 kHz (1000 kW), but another proposed transmitter in Nice on 1467 kHz is used by MC One from Monaco. Superloustic used to be a national FM network created in 1987 in Lyon, but was shut down in 1992 because of financial problems. The station is now hoping to make a comeback on the mediumwave band. [DXing.info March 27, via ARC Information Desk]

FRANCE: 1314 kHz, which will be used by Loisirs AM from the Villebon site, has started its tests. [Steve Whitt MWC, April 1, via ARC Information Desk]

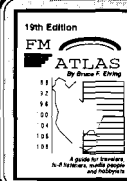
IRELAND: The 612 kHz medium wave transmission of RTÉ 2FM is now off the air. The transmitter serving Dublin on 1278 kHz was closed last December. 612 kHz is a clear channel in NW Europe with RTE leaving the channel and the German station at Kiel still silent. [Mike Terry MWDX, and Steve Whitt MWC, via ARC Information Desk]

SOLOMON ISLANDS: Radio Hapi Isles / SIBC reactivated the Radio Temotu regional broadcast with a new Taiwanese funded transmitter on 1386 AM from Lata. Previously operated as 5 kW on this channel but has been silent for some 4-5 years because of lack of parts, no funds and a collapsed civil society. Lata currently relays the National Service from Honiara parallel 5020 SW, but is investigating local programming once housing for local staff arranged. SIBC is using a standby generator because of poor local power supplies in Lata. SIBC also uses 1035 AM from Honiara (10 kW) and 945 AM from Gizo (10 kW). [David Ricquish, April DX Times, NZRDXL]

UNITED KINGDOM: Congratulations to the Medium Wave Circle, celebrating the 50th anniversary of Medium Wave News magazine, first published in December 1954!

NRC AM Log editor Wayne Heinen has compiled this current list of silent, not-on-the-air stations and asks that anyone who could hear any of these stations which might be on the air to please contact him with program details, which will then be used in the next Log. You may e-mail him at amradiolog@nrcdxas.org or write him at 4131 S. Andes Way - Aurora, CO 80013-3831.

580	WTSB	Lumberton	NC	Silent 8/2000	1280	KVWG	Pearsall	TX	Silent 5/2003
580	WOFB	Rockwood	TN	Silent 10/2002	1330	WPRN	Butler	AL	Silent 3/2003
600	KERB	Kermit	TX	Silent 11/2003	1330	WFTO	Fulton	MS	Silent 10/1998
620	KIPA	Hilo	HI	Silent 10/2003	1330	WEBO	Owego	NY	Silent 8/2003
630	WBMQ	Savannah	GA	Silent 6/2003	1340	KTMP	Heber City	UT	Silent 7/2003
720	WWDF	Richland	MS	Silent 11/2001	1360	WCHQ	Camuy	PR	Silent 4/2004
850	WQST	Forest	MS	Silent 6/2003	1390	WKIC	Hazard	KY	Silent 10/2002
880	WYKO	Sabana Grande	PR	Silent 3/2002	1400	WJGC	Fort Walton Bch.	FL	Silent 4/2004
900	WWLK	Eddyville	KY	Silent 12/2002	1400	KVLA	Vidalia	LA	Silent 5/2001
900	WDDT	Greenville	MS	Silent 2/2003	1400	WEPP	Virginia	MN	Silent 12/2002
920	KMGJ	Jonesboro	LA	Silent 10/2003	1400	WUGE	Loretto	PA	Silent 9/2003
950	KSWD	Seward	AK	Silent 1/2004	1400	WHLF	South Boston	VA	Silent 3/1999
950	WBKH	Hattiesburg	MS	Silent 11/2003	1410	WQJR	Prattville	AL	Silent 8/2003
950	WQTK	Moncks Corner	SC	Silent 8/2003	1420	WSUH	Oxford	MS	Silent 12/1997
960	KIMP	Mount Pleasant	TX	Silent 1/2004	1430	WION	Ionia	MI	Silent 10/2004
980	WKLF#	Clanton	AL	Silent 10/2003	1430	WQOQ	Durand	WI	Silent 6/2003
980	WTOT	Marianna	FL	Silent 11/2003	1440	WCDD	Carbondale	PA	Silent 2/2004
1000	WWOF	Walhalla	SC	Silent 6/2003	1450	WCXX	Camden	AL	Silent 12/1994
1010	KIQN	Tooele	UT	Silent 10/2003	1450	WDLK	Dadeville	AL	Silent 12/2001
1020	KAXX	Eagle River	AK	Silent 2/2003	1450	WJXN	Jackson	MS	Silent 10/2001
1050	KLPL	Lake Providence	LA	Silent 10/2001	1460	KCNR	Shasta	CA	Silent 3/2003
1060	WPHC	Waverly	TN	Silent 11/2003	1480	WEZC	Neon	KY	Silent 10/2002
1070	KRAM	West Klamath	OR	Silent 12/2003	1480	KKEL	Hobbs	NM	Silent 2/1998
1080	WALD	Walterboro	SC	Silent 4/2001	1480	WISL	Shamokin	PA	Silent 1/2004
1090	KNUZ	Bellville	TX	Silent 4/2003	1500	WDEE	Reed City	MI	Silent 5/2001
1100	WMYQ	Newton	MS	Silent 6/2003	1530	KVDW	England	AR	Silent 1/2002
1100	KRKE	Milan	NM	Silent 5/2003	1530	KHPI	Moreno Valley	CA	Silent 10/2002
1120	KLIM	Limon	CO	Silent 10/2002	1540	WRSM	Sumiton	AL	Silent 4/2003
1130	KHTH	Dillon	CO	Silent 3/2003	1540	WJTT	Jellico	TN	Silent 1/2004
1130	WMGA	Moultrie	GA	Silent 6/2003	1550	KADZ	Arvada	CO	Silent 6/2003
1150	WSNW	Seneca	SC	Silent 6/2003	1560	WZTQ	Centre	AL	Silent 8/2003
1150	KVDL	Quanah	TX	Silent 12/2003	1560	KDDA	Dumas	AR	Silent 1/2000
1170	KJPN	Honolulu	HI	Silent 12/2003	1560	KKUZ	Sallisaw	OK	Silent 12/1999
1180	KYET	Williams	AZ	Silent 7/2002	1570	WONA	Winona	MS	Silent 6/2003
1220	WREV	Reidsville	NC	Silent 4/2004	1580	KAMI	Cozad	NE	Silent 1/2004
1230	WBOK	New Orleans	LA	Silent 5/2003	1580	WVZN	Columbia	PA	Silent 10/2003
1230	KEEE	Nacogdoches	TX	Silent 7/1997	1590	WABV	Abbeville	SC	Silent 5/2001
1240	KSQR	Sacramento	CA	Silent 4/2004	1600	WNGA	Nashville	GA	Silent 12/2003
1240	WKIQ	Eustis	FL	Silent 6/2003	1600	KWOM	Watertown	MN	Silent 4/2004
1260	WNWK	Newark	DE	Silent 2/2004	1600	WGIV	Charlotte	NC	Silent 12/2003
1260	WCSA	Ripley	MS	Silent 8/1992	1610	KALT	Atlanta	TX	Silent 3/2002
1260	WCLC	Jamestown	TN	Silent 10/2002	1630	KKGM	Fort Worth	TX	Silent 4/2004
1260	KLDS	Falfurrias	TX	Silent 10/2001					
1270	KPBA	Pine Bluff	AR	Silent 4/2003					
1280	WYAL	Scotland Neck	NC	Silent 1/2004					



Bruce Elving's FM Atlas ... 19th Edition
 The world-famous guide which has served FM DX'ers for over 20 years is available from NRC Publications at the special price of **\$19.00** for NRC USA/Canada members, **\$22.00** USA/Canada non-members, **\$25.00** for all others. NY orders, please add sales tax.

Professional Sports Networks

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

I have one correction to the Major League Baseball (MLB) flagship list. For the Los Angeles Dodgers, "908 KWFB-CA" should be "980 KFWB-CA".

Here are most of the 2004 MLB network lists. These teams still have the 2003 lists online: Arizona Diamondbacks and New York Yankees, and I have yet to locate lists for these: Montreal Expos (are there EE and FF networks?), New York Mets, and San Diego Padres. I am not sure that I have all the Spanish language networks.

If your local station streams audio on the Internet and broadcasts a MLB game, then that station must stop its Internet audio stream during the broadcast of the MLB game. The reason for this is that the MLB is greedy (in my opinion) and wants its fans to pay them for the right to get the audio stream from the mlb.com web site.

I still need information on the various Minor League teams.

Anaheim Angels (EE) 2004 Rory Markus, Terry Smith

Anaheim Angels (SS) 2004 Ivan Lara, Jose Mota

http://anaheim.angels.mlb.com/NASApp/mlb/ana/schedule/2004/radio_affiliates.jsp (05/03/2004)

600	KSJB-ND	960	KIXW-CA	1240	KLOA-CA	1450	KGAM-CA
710	KSPN-CA *	1020	KTNQ-CA *S	1350	KBID-CA H	1520	KVTA-CA
800	XEMM-CA						

Arizona Diamondbacks (EE) 2004 Greg Schulte, Ken Phelps, Thom Brennaman, Jeff Munn

Arizona Diamondbacks (SS) 2004 Miguel Santana, Oscar Sorela

Atlanta Braves 2004 Skip Caray, Pete Van Wieren, Don Sutton, Joe Simpson

<http://wsbradio.com/sports/BRAVESAFFILIATES.html> (05/02/2004)

550	WDUN-GA	1000	WHMA-AL	1330	WLBB-GA	1420	WKSJ-TN
	WAME-NC		VVWI-VI		WMLT-GA	1430	WLTG-FL
580	WGAC-GA	1050	WRFS-AL	1340	WFEB-AL	1450	WCON-GA
590	WCAB-NC		WWIC-AL		WBBT-GA		WKEU-GA
600	WCVP-NC		WJSB-FL		WGAU-GA		WMVG-GA
610	WCEH-GA		WFSC-NC		WTIF-GA		WGNC-NC
630	WJDB-AL		WLON-NC		WAGR-NC		WCRS-SC
	WNEG-GA	1070	WAPI-AL	1350	WGAD-AL		WQNT-SC
680	WRGC-NC	1150	WSNW-SC		WFNS-GA		WGNS-TN
690	WJOX-AL	1230	WBLJ-GA		WTZK-NC	1460	WEWO-NC
720	WGSE-GA		WMLR-TN		WPFM-SC		WBCU-SC
730	WUMP-AL	1240	WBHB-GA	1370	WLOP-GA	1470	WCLA-GA
	WOHS-NC		WGGA-GA		WDEF-TN		WRGA-GA
	WLIL-TN		WPAX-GA	1490	WDXE-TN	1490	WRLA-GA
750	WSB-GA *		WWNS-GA	1380	WELE-FL C		WSNT-GA
790	WSFN-GA	1250	WSRA-GA	1390	WAUD-AL		WAZZ-NC
800	WJAT-GA		WTKS-GA		WISK-GA		WSTP-NC
	WOSC-SC		WHNY-MS	1400	WFPA-AL		WSVM-NC
850	WRUF-FL		WGHB-NC		WCOS-SC	1500	WDEN-GA
860	WDMG-GA	1260	WBBK-GA		WKDY-SC		WQMS-MS
900	WJTH-GA	1270	WGSV-AL	1560	WGAP-TN	1560	WPGY-GA
910	WJCW-TN		WYXC-GA	1560	WJZM-TN	1560	WSLA-LAJ
920	WVOH-GA		WLIK-TN	1410	WIQR-AL	1570	WCLE-TN
930	WMGR-GA	1280	WPID-AL		WYIS-GA	1580	WZZJ-MS
940	WMAC-GA	1290	WVOW-WV z		WEGO-NC	1590	WTGA-GA
950	WBKH-MS	1300	WMTM-GA		WPCC-SC		WCSL-NC
960	WGRO-FL	1310	WHEP-AL		WCMT-TN	1600	WFIS-SC
960	WRFC-GA	1320	WKIN-TN z	1420	WPEH-GA	1630	WRDW-GA
990	WEIS-AL		WMSR-TN		WRCC-GA		

92.1	WKUL-AL F	94.1	WQSI-AL	99.5	WDMG-GA	104.1	WCLE-TN
	WBTR-GA		WGSS-SC	99.9	WSNT-GA	104.3	WKHC-GA
	WPEH-GA	95.1	WCDZ-TN	100.1	WMCD-GA	104.5	WYYU-GA
	WSCG-GA	95.5	WJDB-AL	100.9	WLYU-GA	104.7	WAAZ-FL
93.1	WBBK-GA	95.9	WTWX-AL	101.1	WTGA-GA	105.3	WSTI-GA
	WRFN-GA		WDXE-TN	101.9	WVOW-WV z	105.5	WIFO-GA
93.5	WLJA-GA	98.1	WJAT-GA	102.3	WKZR-GA	106.3	WKNU-AL
	WVOH-GA		WMGP-GA	102.7	WYSC-GA		WGMK-GA
	WKZX-TN	98.7	WISK-GA		WCNG-NC	107.3	WCLA-GA
93.7	WALI-SC	98.9	WYKK-MS		WPUB-SC	107.5	WDBN-GA
93.9	WYTK-AL	99.1	WBAW-SC	103.9	WDDK-GA		WTIF-GA
	WMTM-GA	99.3	WCON-GA		WQSY-GA		

Baltimore Orioles 2004 Joe Angel, Jim Hunter, Fred Manfra

From: "Orioles BirdMail" <BirdMail@inw.oriolepark.com> (in response to my e-mail at orioles.mlb.com) (05/04/2004)

540	WDMV-MD	960	WTGM-MD	1280	WHVR-PA	1470	WTTR-MD
560	WFRB-MD		WHYL-PA	1340	WEPM-WV	1490	WARK-MD
910	WSBA-PA	980	WTEM-DC	1400	WINC-VA		
	WRNL-VA	1090	WBAL-MD *	1430	WNAV-MD	96.9	WBEY-MD
930	WFMD-MD	1200	WAGE-VA	1450	WTBO-MD	106.5	WKHW-MD

Boston Red Sox (EE) 2004 Joe Castiglione, Jerry Trupiano

<http://www.weei.com/affiliates.asp> (03/29/2004)

550	WDEV-VT	1230	WJOY-VT	1400	WTSL-NH	1590	WSMN-NH
560	WHYN-MA	1240	WHMQ-MA	1420	WBEC-MA		
580	WTAG-MA		WFTN-NH		WBSM-MA	92.7	WOXO-ME
610	WGIR-NH	1280	WEIM-MA		WWSR-VT	93.5	WCTB-ME
620	WZON-ME		WFAU-ME	1440	WJAB-ME	95.1	WXTK-MA
630	WPRO-RI	1290	WKNE-NH	1450	WRKD-ME	95.5	WCLZ-ME
850	WEEL-MA *	1300	WPNH-NH		WKXL-NH	96.1	WDEV-VT
930	WGIN-NH	1340	WSTJ-VT	1480	WSAR-MA	97.5	WIGY-ME
980	WSUB-CT	1350	WINY-CT		WNBX-VT	99.3	WKTJ-ME
1020	WNTK-NH	1370	WDEA-ME	1490	WMRC-MA	99.7	WNTK-NH
1080	WTIC-CT	1380	WSYB-VT		WEMJ-NH	100.1	WHOU-ME
1160	WSKW-ME	1400	WILI-CT		WFAD-VT	100.7	WTBM-ME
1230	WNAW-MA		WHMP-MA		WIKE-VT	103.1	WDME-ME
	WQDY-ME		WQDY-ME		WKVT-VT	105.5	WBYA-ME
	WMOU-NH		WLTN-NH	1540	WGIP-NH	107.7	WKXL-NH

Boston Red Sox (SS) 2004 J. P. Villaman, Juan Baez, Luis Tiant

http://boston.redsox.mlb.com/NASApp/mlb/bos/schedule/bos_schedule_spanishradioaffiliates.jsp (03/29/2004)

1110	WBKG-CT	1220	WRIB-RI	1310	WORC-MA	1410	WMSX-MA
1120	WPRX-CT	1270	WSPR-MA	1360	WLYN-MA *	1490	WHAV-MA
1200	WKOX-MA						

Chicago Cubs 2004 Pat Hughes, Ron Santo

<http://www.tribuneradio.com/cubsaffiliates.htm> (03/29/2004) (also from Ken Onyschuk)

640	WBOW-IN	1290	WWFS-IL	1450	KIOV-ID	1570	WLKD-WI
660	WBHR-MN	1300	WBZQ-IN		WFMB-IL	1590	KWBG-IA
720	WGN-IL *	1330	WRAM-IL	1460	WJCI-IL	1620	KOZN-NE
800	KXIC-IA	1350	KRNT-IA		WKAM-IN		
810	WDDD-IL	1380	KCIM-IA	1470	WKLZ-MI	92.7	WQTX-MI
910	WAKO-IL	1390	WIOU-IN	1480	KLEE-IA	94.3	WSSQ-IL
920	WMOK-IL u	1400	KADR-IA	1510	WCBW-IL	103.1	WAKO-IL
950	WXLW-IN		WBAT-IN	1540	WBTL-IN	104.9	WAXI-IN
1020	KOIL-NE	1440	WGEM-IL y	1550	KIWA-IA	105.3	KIWA-IA
1150	KCPS-IA y		WROK-IL	1570	KVTK-SD		KNOD-IA
1170	KJOC-IA y						



Chicago White Sox 2004 John Rooney, Ed Farmer, Bill Melton, David Wills
http://chicago.whitesox.mlb.com/NASApp/mlb/cws/schedule/cws_schedule_affiliates.jsp (03/29/2004) (also from Ken Onyschuk)

Table with 4 columns: Call letters, Frequency, Call letters, Frequency. Includes stations like WGOM-IN, WMVP-IL, KCPS-IA, etc.

Cincinnati Reds 2004 Marty Brennaman, Joe Nuxhall, Steve Stewart
http://cincinnati.reds.mlb.com/NASApp/mlb/cin/schedule/cin_schedule_affiliates.jsp (03/30/2004) (also from Ken Onyschuk)

Table with 4 columns: Call letters, Frequency, Call letters, Frequency. Includes stations like WCHS-WV, WWNR-WV, WLAP-KY, etc.

Cleveland Indians 2004 Tom Hamilton, Mike Hegan, Matt Underwood
http://Cleveland.Indians.mlb.com/NASApp/mlb/cle/schedule/cle_schedule_affiliates.jsp (03/30/2004)

Table with 4 columns: Call letters, Frequency, Call letters, Frequency. Includes stations like WKBN-OH, WFRO-OH, WMNI-OH, etc.



Colorado Rockies 2004 Jeff Kingery, Jack Corrigan
IvesB@coloradorockies.com (in response to my e-mail at rockies.mlb.com) (05/04/2004)

Table with 4 columns: Call letters, Frequency, Call letters, Frequency. Includes stations like KGHF-CO, KIIX-CO, KCSR-NE, etc.

Detroit Tigers 2004 Jim Price, Dan Dickerson
http://www4.gvsu.edu/boermac/TigersRadio.htm ("from Detroit Tigers website", Last Update: 04/12/04) (05/03/2004) I found the 2003 list on the Tigers' web site, so I do not trust this list 100%.

Table with 4 columns: Call letters, Frequency, Call letters, Frequency. Includes stations like WTCM-MI, WKZO-MI, WMFN-MI, etc.

Florida Marlins (EE) 2004 Joe Sciambi, Dave Van Horne
Florida Marlins (SS) 2004 Felo Ramirez
http://florida.marlin.mlb.com/NASApp/mlb/fla/schedule/fla_schedule_broadcasting_affiliates.jsp (03/30/2004) (also from Ken Onyschuk)

Table with 4 columns: Call letters, Frequency, Call letters, Frequency. Includes stations like WQAM-FL, WJNA-FL, WORL-FL, etc.

Houston Astros 2004 Milo Hamilton, Alan Ashby
http://houston.astros.mlb.com/NASApp/mlb/hou/schedule/radio_affiliates.jsp (05/04/2004)

Table with 4 columns: Call letters, Frequency, Call letters, Frequency. Includes stations like KTRH-TX, KNAF-TX, KLUP-TX, etc.

Kansas City Royals 2004 Denny Matthews, Ryan Lefebvre, Fred White, Paul Splitorff
http://kansascity.royals.mlb.com/NASApp/mlb/kc/schedule/kc_schedule_affiliates.jsp (03/31/2004) (also from Ken Onyschuk)

Table with 4 columns: Call letters, Frequency, Call letters, Frequency. Includes stations like WIBW-KS, KOMJ-NE, KFEQ-MO, etc.

It may not be perfect ...

but the NRC AM Log is, simply, the best there is because of your contributions. Why not make the next edition even better? Send all corrections and changes to Wayne Heinen - 4131 S. Andes Way - Aurora, CO 80013-3831, or amradiolog@nrcdxas.org. Thanks!

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!

Los Angeles Dodgers (EE) 2004 Vin Scully, Ross Porter, Rick Monday
http://losangeles.dodgers.mlb.com/NASApp/mlb/la/schedule/radio_network.jsp (03/31/2004)
 (Also from pocket schedule via Steve Kennedy and from Ken Onyschuk)

610 KAVL-CA	1150 KDEF-CA	1300 KROP-CA	1490 KMET-CA
850 KACD-CA	1220 KHTS-CA	1340 KCBL-CA	WTTB-FL s
920 KPSI-CA	1230 KBOV-CA	WSTA-VI s	1560 KNZR-CA
980 KFWB-CA *	KTHR-NM s	1400 KVBL-CA	
1110 KAOI-HI sx	1290 KCUB-AZ sK	1450 KVEN-CA	99.7 KKAL-CA
1140 KSFN-NV			

Los Angeles Dodgers (SS) 2004 Jaime Jarrin, Fernando Valenzuela, Pepe Yniguez
http://losangeles.dodgers.mlb.com/NASApp/mlb/la/schedule/radio_network.jsp (03/31/2004)
 Also from pocket schedule via Steve Kennedy

790 KOOR-CA	1220 KWKU-CA	1340 KRLV-NV	1550 KWRN-CA s
920 XESDD-BCN	1330 KWKW-CA *	1490 KICO-CA	

Milwaukee Brewers 2004 Jim Powell, Bob Uecker
<http://www.brewersradionetwork.com/affiliates.asp> (03/31/2004)

570 WMAM-WI	1240 WOBT-WI	1400 WRDB-WI	92.7 WDUX-WI
580 WKTY-WI	WOMT-WI	1430 WBEV-WI	93.9 WDOR-WI
590 WJMS-MI	1260 WEKZ-WI	1450 KFIZ-WI	94.3 WQPC-WI
620 WTMJ-WI *	1280 WGLR-WI	WDLB-WI	98.3 WCQM-WI
940 WFAW-WI	1310 WIBA-WI	WRCO-WI	99.7 WWIS-WI
960 WTCH-WI	1320 WFHR-WI	1550 WEVR-WI	106.1 WACD-WI
1090 WISS-WI	1390 WRIG-WI	1590 WPVL-WI	106.3 WEVR-WI
1150 WHBY-WI	1400 WATW-WI		107.3 WNXR-WI
1230 WCLO-WI	WBIZ-WI	92.3 WRLS-WI	107.5 WDUZ-WI
1240 WJMC-WI			

Minnesota Twins 2004 Herb Carneal, Joe Gordon, Dan Gladden, Jack Morris
http://minnesota.twins.mlb.com/NASApp/mlb/min/schedule/radio_affiliates.jsp (05/04/2004)

570 WNAX-SD	1230 KGHS-MN	1340 KROC-MN	1480 KAUS-MN
610 KDAL-MN	KMRS-MN	1350 KDIO-MN	1490 KOVC-ND
710 KXMR-ND	KTRF-MN	1380 KQKD-SD	1570 KAKK-MN
790 KFGO-ND	KWNO-MN	1390 KRFO-MN	1580 KDOM-MN
830 WCCO-MN *	1240 WJON-MN	1400 KEYL-MN	1590 KDJS-MN
860 KNUJ-MN	KDLR-ND	KQDJ-ND	1600 KDAK-ND
910 KCJB-ND	1260 KDUZ-MN	1420 KTOE-MN	
920 KWAD-MN	KROX-MN	KGIM-SD	92.1 WYQ -MN
1020 KJJK-MN	1270 WWWI-MN	1430 KNSP-MN	94.3 KDOM-MN
1060 KGFX-SD	1290 KBMO-MN	1450 KATE-MN	KKIN-MN
1080 KYMN-MN	1300 KGLO-IA	KBUN-MN	950 KWAT-SD
1140 KSOO-SD	1310 KNOX-ND	WELY-MN	101.7 KMGK-MN
1210 KOKK-SD	1320 KOZY-MN	KBMW-ND	104.1 WNAX-SD
1220 KDDR-ND	1340 KDLM-MN	1460 KLTC-ND	105.5 KMGM-MN

Montreal Expos (EE) 2004 Elliot Price, Mitch Melnick

Montreal Expos (FF) 2004 Jacques Doucet, Marc Griffin

New York Mets 2004 Gary Cohen, Howie Rose

New York Yankees (EE) 2004 +John Sterling, Charlie Steiner (also from Ken Onyschuk - may be the 2003 list). I have written to the webmaster of the site that has the 2003 list, and the response was that they would try to get the 2004 list online.

New York Yankees (SS) 2004

Oakland Athletics 2004 Bill King, Ray Fosse, Ken Korach
http://oakland.athletics.mlb.com/NASApp/mlb/oak/schedule/oak_schedule_affiliates.jsp (04/31/2004)

580 KTMT-OR	790 KWSW-CA	1110 KAOI-HI x	1300 KPMO-CA
620 KMJC-CA	950 KAHJ-CA	1150 KAGO-OR	1330 KCNR-CA
630 KPTT-NV	970 KESP-CA	1270 KXBX-CA	1340 KTSN-NV



1350 KBID-CA H	1410 KMYC-CA	1450 KVML-CA	1490 KRKC-CA
1380 KTOM-CA	1430 KFIG-CA D	1490 KBLF-CA	1560 KIQS-CA

Philadelphia Phillies 2004 Harry Kalas, Chris Wheeler, Larry Anderson, Scot Graham
http://philadelphia.phillies.mlb.com/NASApp/mlb/phi/schedule/tv_radio_network.jsp (as of May 03, 2004) (05/04/2004) (also from Ken Onyschuk)

630 WEJL-PA	1230 WCMC-NJ	1350 WOYK-PA	1490 WUSS-NJ
830 WEEU-PA	WBPZ-PA	1360 WPPA-PA	WBCB-PA
920 WPHY-NJ	1240 WBAX-PA	1370 WPAZ-PA	WLPA-PA
930 WHLM-PA	WYGL-PA	1420 WCOJ-PA	
950 WPEN-PA *	1270 WLBR-PA	1440 WNPV-PA	102.3 WMID-NJ
1050 WLYC-PA	1320 WGET-PA	1460 WTKT-PA	105.5 WCHX-PA
1150 WDEL-DE	1340 WMIJ-NJ	1470 WKAP-PA	

Pittsburgh Pirates 2004 Lanny Frattare, Steve Blass, Greg Brown, Bob Walk
<http://piratesfan.tripod.com/radio.htm> (04/27/2004) via Bill Dvorak

590 WMBS-PA	1270 WCBC-MD	1440 WAJR-WV	1490 WNTJ-PA
630 WJAW-WV	1310 WNAE-PA	1450 WFRA-PA	WTCS-WV
800 WCHA-PA	1340 WOYL-PA	WJPA-PA	1530 WEYZ-PA
1020 KDKA-PA *	WTRN-PA	WMAJ-PA	1570 WANR-OH
1160 WCCS-PA	WXXK-WV	1460 WMBA-PA	
1200 WCED-PA	1370 WWCB-PA B	1480 WCNS-PA	95.7 WVKF-WV
WKST-PA	1400 WBZV-PA	1490 WWPR-FL	97.5 WDDH-PA
1230 WBVP-PA	1430 WYAM-PA	WESB-PA	104.1 WPXZ-PA
WTIV-PA	WEIR-WV	WMGW-PA	107.1 WEXC-PA

Saint Louis Cardinals 2004 Wayne Hagin, Mike Shannon
http://stlouis.cardinals.mlb.com/NASApp/mlb/stl/schedule/stl_schedule_tv_radio_affiliates.jsp (04/01/2004) (also from Ken Onyschuk)

690 KEWI-AR	WGBF-IN	1470 WMBD-IL	97.3 WTIM-IL
740 WLVN-IL	WQKZ-IN	1490 KDRS-AR	97.5 KOEA-MO
790 WMC -TN	1290 KALM-MO	WDAN-IL	97.9 KBXB-MO
800 KAGH-AR	1310 KOKX-IA	WKRO-IL	98.5 WFML-IN
KVOM-AR	1330 WTRO-TN	KTTR-MO	98.9 KTMO-MO
860 WSON-IN	1340 KBTA-AR	WTUP-MS	99.1 WCBL-IN
920 WMOK-IL u	WJPF-IL	1520 WLUV-IL	99.3 WZLT-TN
940 WMIX-IL	WSOY-IL	1550 WMSK-IN	99.5 KREB-AR
960 KZIM-MO	KSMO-MO	KSFT-MO	100.3 KUKU-MO
970 KNEA-AR	KXEO-MO	1560 WBYS-IL E	KWMQ-MO
1050 KSIS-MO v	1360 KFFA-AR	1570 WTAY-IL	100.5 WSJD-IL
1070 KHOM-MO	1390 KREB-AR	WTRB-TN	KKCA-MO
1090 WCRA-IL	KCRC-OK		KMEM-MO
1120 KMOX-MO *	1400 WDWS-IL	92.1 WKUL-AL F	100.9 KTUI-MO
1130 WRKY-IN	WGIL-IL	92.3 KSAR-AR	101.3 KTXR-MO
1220 KJAN-IA	KFRU-MO	92.7 KASR-AR G	102.3 WEBQ-IL
WLPO-IL	KREF-OK	92.9 WSEI-IL	WRMJ-IL
1230 KFPW-AR	KWON-OK	93.5 WKBQ-TN	KJPW-MO
WHCO-IL	1420 KXOW-AR	93.7 WTKB-TN	103.7 KJEL-MO
WJBC-IL	WINI-IL	94.9 KWOC-MO	103.9 KPOC-AR
WBBZ-OK	1430 WYMC-IN	95.1 KMAQ-IA	104.7 KRES-MO
1240 KBIZ-IA	KTBZ-OK	95.3 WMSK-IN	WMUF-TN
WTAX-IL	1440 WIBH-IL	95.5 KAAN-MO	104.9 KAGH-AR
KFMO-MO	1450 WKEI-IL	95.7 WCRG-IL	KPWB-MO
KWOS-MO	KIRX-MO	95.9 KCOB-IA	105.1 WGEM-IL
WENK-TN	WMBH-MO	KKBL-MO	107.1 KLRX-IA
1250 WKBQ-OK	1460 WIXN-IL	96.1 KJJC-IA	WEAI-IL
1280 KCOB-IA	WROY-IL		

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San Diego Padres (EE) 2004 Jerry Coleman, Ted Leitner

San Diego Padres (SS) 2004 Ed Ortega, Juan Avila

San Francisco Giants (EE) 2004 Greg Papa, Jon Miller, Dave Fleming

San Francisco Giants (SS) 2004 http://sanfrancisco.giants.mlb.com/NASApp/mlb/sf/schedule/sf_schedule_BroadcastAffiliates.jsp (04/01/2004)

Affiliate stations are subject to change. (also from Ken Onyschuk)

570	KQNG-HI t	1230	KPLY-NV	1420	KKEA-HI	94.1	KBKY-CA
670	KPUA-HI	1340	KATA-CA	1430	KFIG-CA D	96.7	KMFB-CA
680	KNBR-CA *	1360	KUIK-OR	1670	KNRO-CA	102.3	KWHO-CA
800	KDFO-CA	1370	KZSF-CA *S				
1110	KAOI-HI x	1400	KKJL-CA	92.7	KMFB-CA		

Seattle Mariners (EE) 2004 Dave Neihaus, Rick Rizzos, Dave Henderson http://seattle.mariners.mlb.com/NASApp/mlb/sea/schedule/sea_schedule_affiliates.jsp (04/01/2004)

Seattle Mariners (SS) 2004 http://seattle.mariners.mlb.com/NASApp/mlb/sea/schedule/sea_schedule_affiliates.jsp (04/01/2004) (also from Ken Onyschuk)

1260	KWEI-OR	1360	KKMO-WA *	92.1	KWLN-WA	103.3	KWLN-WA
1340	KTCR-WA	1390	KBBO-WA				

Tampa Bay Devil Rays 2004 Paul Olden, Charley Slowes <http://www.raysonradio.com/listenlive.html> (04/01/2004)

970	WFLA-FL *	1320	WAMR-FL	1400	WZHR-FL	1530	WENG-FL
1080	WHOO-FL	1350	WDCF-FL	1450	WSPB-FL	1580	WTCL-FL
1230	WONN-FL	1380	WELE-FL C		WWJB-FL		

Texas Rangers (EE) 2004 Eric Nadel, Victor Rojas <http://www.tsnradio.com/stations/> (05/03/2004)
Texas State Networks I do not know if the entire TSN network carries all of the Rangers' games.

550	KCRS-TX	1290	KIVY-TX I	1490	KVWC-TX	97.1	KVRP-TX
590	KLBJ-TX		KWFS-TX		KZZN-TX	97.7	KATX-TX
600	KROD-TX	1300	KSET-TX	1510	KCTX-TX		KVCQ-TX
	KTBB-TX	1320	KVMC-TX		KVCI-TX		KWRW-TX
690	KPET-TX	1330	KSWA-TX	1520	KHLT-TX	98.3	KBOC-TX
710	KGNC-TX	1340	KAND-TX	1540	KGBC-TX		KCUB-TX
	KURV-TX		KHLB-TX	1550	KCOM-TX		KEEP-TX
860	KFST-TX		KRBA-TX I		KWBC-TX		KFYZ-TX
	KPAN-TX		KRNX-TX I	1560	KEGG-TX		KRDF-TX
900	KCLW-TX		KWKC-TX		KHBR-TX		KULM-TX I
910	KNAF-TX I	1350	KCAR-TX	1570	KVLG-TX		KYYK-TX
930	KDET-TX	1370	KFRO-TX	1580	KGAF-TX	98.5	KRXT-TX
950	KJTV-TX		KJCE-TX		KRZI-TX	99.1	KNES-TX
960	KIMP-TX	1390	KBEC-TX		KTLU-TX	99.9	KMOO-TX
990	KAML-TX		KULP-TX I	1590	KEAS-TX		KSHN-TX
1000	KSTA-TX	1400	KEBE-TX		KGAS-TX I		KTXM-TX
1080	KRLD-TX *		KEYE-TX	1600	KOGT-TX I	100.3	KOMX-TX
1090	KKYN-TX		KGVL-TX			100.9	KIXC-TX
1120	KCLE-TX		KIUN-TX	88.5	KEOM-TX	102.3	KVWC-TX
1140	KJSA-TX		KRUN-TX	92.1	KHOS-TX	103.3	KWOW-TX
1150	KZNE-TX I		KTEM-TX I		KTFW-TX	104.1	KXYL-TX
1200	WOAI-TX		KVRP-TX	92.3	KCUL-TX	104.3	KGAS-TX
1220	KMVL-TX I	1410	KCUL-TX	92.5	KYKM-TX	104.7	KZAM-TX
	KZEE-TX		KRJT-TX	92.7	KRMN-TX	105.9	KTCJ-TX
1230	KSIX-TX I	1420	KFYN-TX	93.3	KLNC-TX	106.3	KAUM-TX
	KSST-TX	1450	KCTI-TX I	93.9	KSEY-TX		KPAN-TX
1240	KPBL-TX		KCYL-TX	94.1	KULF-TX		KPSO-TX
	KVLF-TX I		KMBL-TX	95.3	KNEL-TX		KSEM-TX
	KXIT-TX	1470	KDHN-TX	95.9	KBST-TX	106.9	KHLB-TX
	KXOX-TX	1490	KBST-TX I		KXIT-TX	107.1	KWKQ-TX
1250	KIKZ-TX		KPLT-TX	96.7	KXOX-TX	107.9	KFAN-TX
1260	KKSA-TX						



Texas Rangers (SS) 2004 Eleno Omelas, Jose Gozman

Toronto Blue Jays 2004 +Tom Cheek, Jerry Howarth, Mike Wilner

http://toronto.bluejays.mlb.com/NASApp/mlb/tor/schedule/radio_network.jsp (as of March 05, 2004) (04/01/2004) (also from Ken Onyschuk)

570	CKGL-ON i	960	CFAC-AB f	1190	CFSL-SK j		CJYM-SK e
590	CHCL-ON bl*	980	CFPL-ON i	1210	CFYM-SK e	1330	WSPQ-NY rA
600	CKAT-ON o		CKRU-ON f	1240	CJCS-ON k	1570	CKMW-MB e
790	CIGM-ON q	1040	CJCL-BC g	1280	CJSL-SK e		
900	CHML-ON m	1070	CHOK-ON i	1310	CIWW-ON pc	94.1	CKNR-ON f

Note that the footnote letters are in mixed case; "a" is different from "A".

- + = Announcers from previous season
- a = 97.3 KZPL simulcasts the Royals' games that begin after 7 PM.
- b = "Five games will be broadcast on a sister station, details to follow."
- c = This station broadcasts Saturday games only.
- d = This station broadcasts day games only. [currently unused]
- e = This station will broadcast a minimum of 101 games.
- f = This station will broadcast a minimum of 120 games.
- g = This station will broadcast a minimum of 15 games.
- h = This station broadcasts home games only.
- i = This station will broadcast a minimum of 150 games.
- j = This station will broadcast a minimum of 151 games.
- k = This station will broadcast a minimum of 162 games.
- l = This station will broadcast a minimum of 157 games.
- m = This station will broadcast a minimum of 80 games.
- o = This station will broadcast a minimum of 100 games.
- p = This station will broadcast a minimum of 26 games.
- q = This station will broadcast a minimum of 90 games.
- r = This station will broadcast a minimum of 104 games.
- s = This station broadcasts selected games only.
- t = This station broadcasts both the San Francisco Giants and the Seattle Mariners.
- u = This station broadcasts both the Saint Louis Cardinals and the Chicago Cubs.
- v = This station broadcasts both the Saint Louis Cardinals and the Kansas City Royals.
- w = This station broadcasts weekend games only.
- x = This station broadcasts the Oakland Athletics, the San Francisco Giants, the Seattle Mariners, and the Los Angeles Dodgers.
- y = This station broadcasts both the Chicago Cubs and the Chicago White Sox.
- z = This station broadcasts both the Atlanta Braves and the Cincinnati Reds.
- A = This station broadcasts both the Cleveland Indians and the Toronto Blue Jays.
- B = This station broadcasts both the Cleveland Indians and the Pittsburgh Pirates.
- C = This station broadcasts the Atlanta Braves, the Florida Marlins, and the Tampa Bay Devil Rays.
- D = This station broadcasts both the Oakland Athletics and the San Francisco Giants.
- E = This station broadcasts both the Chicago White Sox and the Saint Louis Cardinals.
- F = This station broadcasts both the Atlanta Braves and the Saint Louis Cardinals.
- G = This station broadcasts both the Kansas City Royals and the Saint Louis Cardinals.
- H = This station broadcasts both the Anaheim Angels and the Oakland Athletics.
- I = This station broadcasts both the Houston Astros and the Texas Rangers.
- J = This station broadcasts both the Houston Astros and the Atlanta Braves.
- K = This station broadcasts both the Colorado Rockies and the Los Angeles Dodgers.
- L = This station broadcasts both the Colorado Rockies and the Kansas City Royals.
- M = This station broadcasts only spring training games.
- S = Spanish language broadcasts



IRCA TIS List (2000)

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DX'er's Notebook

Shared tips, topics, and Internet info

Dave Braun dcbraun@comcast.com
863 Allabands Mill Rd.
Camden Wyoming DE 19934-2132

Welcome back as we continue on about receivers!

TABLETOP RECEIVERS

Jay Heyl <jay@hey1.org>

I've come to the list only recently and missed the messages containing this sage advice. At the risk of boring everyone to tears with questions that I'm sure come up all the time, I'm afraid I could use some advice in the same area.

I currently have a TenTec RX320 and a small collection of lesser portable radios. I'm looking to get something with better reception on both SW and MW, plus I really want some knobs and switches to play with.-) Within the limits of my living situation, I'd like to go after the tough catches. At the moment my interest is primarily broadcast, though it's feasible I could get into utilities in the future.

I've read about and tried to evaluate (virtually) more than a dozen radios. I think I've narrowed the choices down to the R-75 and the JRC NRD-545. Yes, I know there's a bit of distance between those two. I would go for the NRD-545, but I'm a little concerned with the things I've read about audio quality and ultimate rejection being a lot less than it should be.

I'm also in a signal and antenna impaired situation. I live in a condo (no back yard) where I can't put anything on the roof, and there's little chance of getting very far away from local electrical interference. In an attempt to eliminate some of the noise, I bought a Wellbrook ALA-1530 active loop antenna a while back. Since I recently found and eliminated a very nasty source of broadband interference, the Wellbrook has been performing very well. I still have electrical noise in certain frequency ranges, but the noise bandwidths are fairly narrow. I have a balcony where I can put the loop and may even be able to work out something to get it up in the air a bit. Right now it's sitting in my dining room and performing remarkably well on SW considering the situation. I'm planning to get a rotator to improve performance on MW.

Aside from the issues I mentioned above, my concern with the NRD-545 is that with my antenna situation I won't be in a position to allow the radio to perform at a level that would justify spending over \$1000 more than it would cost for the R-75. I really like the look of the NRD-545 and would love to play with a very high quality construction unit like that (with no disrespect intended toward the R-75). The RX320 may also have spoiled me on the filters front. I frequently make small adjustments in the filter width to fit a particular signal. While the R-75 does allow for a pretty wide range of filters and the twin passband allows a kind of variable filter width, it's kind of hard to compete with the 990 widths available on the 545. (I know that's far, far more than necessary, but it still seems like a cool feature.)

I suppose I should ask the question this way: If money were not an issue, would you choose the R-75 or the NRD-545, and why? (500 words or less, double-spaced, one-inch margins please.-) If you could readily afford either, but weren't exactly awash in spare greenbacks, would you make the same choice?

If anyone can provide some wisdom and guidance in this regard I would greatly appreciate it. Thanks.

Russ Edmunds, Blue Bell, PA <wb2bjh@nrcdxas.org>

If you're willing to spend that much, pick up an R8B! And welcome!!

Rick Kunath <k9ao@charter.net>

As to your receiver question...I have had access in the past to an NRD-545, an R8B, and an AOR AR7030 Plus as well as an AR-5000+3, a 2010, and several boat anchors for extensive testing.

Make me choose one radio and it'll be the AR7030+ with the notch filter and NB board and several optional filters. No comparison to the others. The R8B is in this category too, though I like the 7030 better solely for size, audio sound, and ergonomics, not to mention the remote control. Other's don't care for the 7030's ergonomics, but that's something you have to play with to see for yourself. Line up a 7030 and an R8B and you'll not be able to tell a difference save for the slight difference in tonal quality of the two radios. Both are really great sets. With equal sets of filters, each is selective and sensitive as the other. Pulling tropical Africans out of the noise at sunset fade-in on 60 meters neither had any advantage over the other in when signals faded in or when they became intelligible. If I couldn't get

anything out of a signal with one, neither could the other. The 545 compares very favorably, sensitivity wise, with the other radios. But it's AGC action in the AM mode is not as smooth as the other radios. Since you can't always use ECSS, this is an issue for me. Using SSB remedies this on the 545, and there you can vary the AGC time constant. But, it is more likely to be bothered by crud from very strong stations close to the frequency you are listening to. The real IF filters in the other sets are much better in this regard. There is a modification to the 545 to narrow the roofing-filter, which is reported to help some with the IF rejection issues, but I have not had a chance to see a radio that has had this modification done to it. And that won't help the AM AGC issue.

The 545 is a great receiver, but it's DSP is not yet ready for prime time, in my opinion. It pops and snorts on envelope AM detection, though the ECSS or SSB is flawless. Sometimes the DSP noise reduction makes a big difference in intelligibility, but usually not, and it always sounds digital and somewhat strange at best. I have played extensively with the DSP settings to arrive at the best combination of settings. Even if the DSP does make a difference I usually prefer adjusting the IF bandwidth and IF shift to using the DSP. The latest firmware for the radio made some improvements on the AM, but not enough to stop the popping. It seems as sensitive as the 7030 Plus, but not as selective in real world conditions. It is a decent SSB and CW receiver and would be OK for someone interested in utility DXing, but other choices are still superior here, and for less money. The front panel ergonomics are really nice on the 545.

Having the lots of adjustable IF bandwidths is cool, but not superior to real IF filters with good shape factors and lots of rejection in the stop band. Choose a set of filters with say a 6 kHz, 4 kHz, 3 kHz, and some narrower bandwidths like a 2 kHz or a 1 kHz data filter (or both) and you'll be more satisfied. Using passband tuning or IF shift you can slide the passband of the filter where you need it to extract whatever is there, intelligibility wise, from anything you are able to hear, all the while using a narrower filter than you might have thought would work. Couple this with a good auto and manual notch, like the AR7030 has, and you have a lot of interference fighting capability at your fingertips.

I can't speak to the R75. I have never had the chance to get my hands on one of these and never had the chance to try out a Kiwa modified R75 either. So I can't help you there.

I have had the chance to test these using a Motorola communications service monitor and was able to see the degraded rejection on the 545. Most seem to think it isn't as big a deal as I do, but given the nearness of strong MW and SW signals to weaker desirable signals, you're going to want your receiver to be designed to have a reasonable stop band rejection on the IF filters.

My advice is to skip the NRD-545 and get a Drake R8B or an AOR AR7030 Plus with the noise blanker/notch board installed and a few extra filters.

I think that you will find that in your situation with a lot of local noise, you will benefit from good steep-sided conventional IF filters. This will allow you to use the minimum necessary IF bandwidth for a given signal, thus minimizing the noise level you have to contend with and maximizing intelligibility. Don't make the mistake of thinking that only large antennas in country settings can benefit from a good receiver. You'll notice the difference in your situation too. You want to be able to get around and in between man-made noises on your band of choice. A tight IF helps. The 545 is not great in this type of situation.

I hope I haven't rambled on too long. If I've missed anything ask away.

Jay Heyl <jay@hey1.org>

I'll re-echo the sentiments of the subject line and once again say thanks, Rick, for the excellent and detailed information. I had pretty much decided to go with the NRD-545, but you've talked me out of it. Superior build quality and great ergonomics aren't worth much if the device doesn't adequately perform its basic task. If, as you indicated, the 545 can't block out the strong adjacent channels, it's not what I'm looking for. I think I could have gotten over the AM AGC issue, but the poor filtering is a deal killer. That's really too bad. I soooo wanted the 545.

I think I'm going to follow your advice and get the AR7030+. I had seriously considered it in the past and had almost decided to go with it, but the complaints about the menu system made me reconsider. After having read through the manual a couple times, it looks like the customization features will allow you to work around most of these issues.

Thanks again for the detailed response. It helped a lot.

PORTABLES

Tim Davisson, Akron, OH <rdavisson@neo.rr.com>

Brian...and group: Is the Sangean ATS-909 a good, basic shortwave radio? How does the AM section compare to, let's say...a GE Superadio I, II, or III?

I'd love to have a good, portable, multi-band digital radio. And, \$129 is pretty reasonable if it's a pretty good radio.

Brian Leyton, Valley Village, CA <bleyton@cpe-usalco.com>

Well, the Superadio is kinda hard to compare to the 398/909. The 909 is digital, with all of the advantages/disadvantages that implies - though it does have a tuning knob, which not all digital portables do. The 909 isn't as sensitive as the SR, but it doesn't overload as easily as many portables in high-rf environments either. It's got a nice RF-gain adjustment, has LW/MW/SW & FM, SSB, lots of memories (which I never use), and RDS. It's also got an external antenna jack for SW & MW, with the capability of disabling the internal loopstick when using an external MW antenna.

I'd say it's a pretty decent AM-DX rig, especially for the money. With a small loop antenna inductively coupled, you can easily make up for the lower sensitivity. To me, features alone make it worth the extra money over a Superadio.

From what I've heard, it compares very favorably to the CCRadio, and it holds its own nicely against the Grundigs in similar price ranges. The only other portable that might give the 909 a run for the money would be something like a Sony ICF-7600GR. I've heard good things about that one, considering the price. It's not a 2010, but then nothing is these days.

There's also that new Kaito, which is cheaper, but probably also lower quality too, and I haven't heard much yet in terms of real-world reports.

Tim Davisson, Akron, OH <rdavisson@neo.rr.com>

Brian: Thanks for the comments.

I was an avid shortwave listener for 30 years. In fact, my Drake SPR-4 is still upstairs on a shelf...with no outside antenna. It's analog...the dial slips...has limited coverage...and is big...and I don't really have the room for it in a crowded "home office" that's about as big as 3 average-sized closets. Plus, my longwire antenna blew down in a snowstorm last winter and I took it down.

I own 2 GE Superadios...and they're fine...especially at night when most of the 50kw clears normally roll in.

My question is: I realize outside antennas are always better. But, will the whip antenna pick up anything without using an outdoor wire antenna? I.E.: I'd like to be able to pick the radio up....take it to the bedroom or in our screened in porch and hear the BBC, Radio Nederlands, Radio Canada (etc.) from their 250kw Caribbean relays. Or, tune down the ham bands. If any radio is pretty much worthwhile without an outdoor antenna...it's not what I need. Thanks.

Brian Leyton, Valley Village, CA <bleyton@cpe-usalco.com>

Well, my experience has been that the whip is pretty useless with my DX-398. It really does need a bit of wire in order to perform reasonably well. I guess that's why Sangean includes the reel-up antenna. I'm told that the radio is less sensitive off the whip because in the RF jungles of Europe, it would have overloaded too easily if they hadn't backed off the sensitivity.

Personally, I think that's the purpose of the RF-Gain knob, but hey, I'm not an engineer...

There are simple mods out there that are supposed to improve sensitivity. I haven't modified my radio at all. I really don't listen to SW much (heck, since the new baby, I haven't had time to listen to much of anything).

Damon Cassell, Marblehead MA <radiofreak@4motion.org>

The 909 is an EXCELLENT shortwave radio. And it's even better for \$129. There was some speculation on another list that those units are refurb or store returns from Fry's. Still a good deal, in my opinion.

David Hochfelder, Highland Park, NJ <david.hochfelder@rutgers.edu>

Tim, I have a Superadio III, Radio Shack DX398, and Sony ICF-2010. The Superadio was my first DX radio, and I had fun with it, but I found that I quickly outgrew it. Its two biggest drawbacks for me were the analog tuning—the needle was so off that I had to write in a new scale through trial and error—and no SW capability.

The Radio Shack/Sangean is a great value for \$129. It's pretty decent for SW program listening, and it's AM performance is good. I don't know if the radios are returns or if the Sangean differs from the Radio Shack version, but this seems like a good deal to me.

Scott D, NY <sddsw@bestweb.net>

Hello everyone...Can anyone tell me what you think of the Sangean CCRadio? They say that it is the best AM radio available.... That is a very tall order...I have looked at some reviews.... "They" seem to like it...One person...who's name escapes me, said that one thing he didn't like was that a close, strong station did overwhelm neighboring frequencies... Other than that, I have not heard any real bad thing about it...

Kevin Redding, Mesa, AZ <amfmdx@fastq.com>

It's good but not the best. Depends on how much money you have as to whether it's the best for your application. There's a lot of radios out there and they all have good points and warts.

Some of the CCRadios have an overload problem. Some have problems receiving shortwave stations on the AM BCB. Some say the radio is great. I have one and I say it's good, but not great.

Scott D <sddsw@bestweb.net>

Thanks, Kevin, I too have a hard time thinking it is a "great" overall AM radio...I do think it is a very good overall AM radio for the price after all I have read...

Jay Heyl <jay@heylo.org>

You're absolutely right on that count — a very tall order indeed. I have one and can tell you without fear of contradiction that it is NOT the best AM radio available. Not even remotely close. Now, if you add a few qualifiers, like "for under \$170", you might at least get to the point where you could argue about it.

For grins one day I hooked my Wellbrook amplified loop up to the CCRadio+. I had nothing but the local 50kW powerhouse all up and down the dial. Off the internal antenna, or even with the Justice AM Antenna or the Select-A-Tenna, it does not overload like that. The local powerhouse blankets a good 20kHz either side of the assigned frequency, but that's about it.

The CCRadio+ is a pretty decent radio. It's very solidly built. It offers digital tuning in 1kHz increments. It is capable of room-filling sound, though a bit weak on the highs and the lows. It's okay for talk radio, but the fidelity is clearly lacking on FM. It has quite a few rather nice features, such as the digital clock, the alarm, the TV and weather bands, etc. It runs for a surprisingly long time on 4 D batteries. The internal antenna completely disengages when you hook up an external antenna.

I would say the biggest drawback, particularly for use as a DX machine, is that it has only one, overly broad filter with very wide skirts. Way too much of strong adjacent channels bleed through.

There are two radios I would consider to be in competition with the CCRadio+: the Superadio 3 and the Grundig S350. The Grundig costs about a third less and the SR3 is only a third or less the cost of the CCR+. The SR3 has better sound than either of the other two, but I'd rate it at least somewhat lower in almost every other meaningful category. This is not to say it's a bad radio; for the price it's really hard to beat. (I have two of them and I'm not looking to dump either of them.) The S350 offers two filter widths. Neither is an particularly high quality filter, but the choice is nice and the narrow filter does eliminate a lot of adjacent channel interference. Kiwa also offers filter upgrades for the S350, if you're inclined to spend a bit more. Of course, the S350 also brings shortwave to the table. (The biggest issue on SW with the S350 is drift, and, boy, is this thing drifty! The drift doesn't seem to impact MW to anywhere near the degree it does SW.)

At half the price the CCR+ would be a great deal on a quality radio. At \$165 I think it's questionable whether it offers good value. For just a bit more than that you can pick up a very high quality used tabletop receiver that will run circles around the CCR+ performance-wise. Keep an eye on the shortwave receivers on eBay. Good deals pop up all the time.

Kevin Redding, Mesa, AZ <amfmdx@fastq.com>

I don't particularly think it's worth \$160 but it is good.

Neil Kazaross <neilkaz@earthlink.net>

Nice post, Jay. From everything I know about radios, the CC Radio is overpriced. If it came with a switchable filter to better deal with adjacent slop it would be more worthwhile.

Russ Johnson <k3pi@radiointel.com>

Hi Scott, check the review at radiointel - <http://www.radiointel.com/reviews.htm> Scroll down the page until you see Sangean CCRadio. My opinion's there.

Scott D <sddsw@bestweb.net>

Nicely done.... A very very good read... Thanks for the info.

Have a great summer - see you in a month!

Team Effort ...

That's what makes the NRC so great! And all information, contributions, and editing for DX News, DX Audio Service, and all publications is done by unpaid volunteers as part of a team. Perhaps you have a little time to give to your club ... if so, please write to Ken Chatterton - P. O. Box 164 - Mannsville, NY 13661-0164, and let him know what talents and time you can offer to the club. Updates to the NRC AM Log are always needed. Why not write to Ken today?!

Confirmed DX'er

Greg Myers gmyers@juno.com
P. O. Box 20112
St. Petersburg, FL 33742-0112

Your successes in obtaining QSL's and other station items

570	WNAX	Yankton SD, n/d letter in 10 days after a follow-up. V/s John Cyr, CE. (Wilkins-CO)
680	WJCE	Memphis TN, f/d letter in 10 days after a follow-up. V/s Mike Schwartz, CE. (Wilkins-CO)
700	KALL	North Salt Lake City UT, f/d letter in 135 days. V/s Barry McLellan, DoE. Addr: 2801 S. Decker Lake Dr., Salt Lake City, UT 84119. (Heinen-CO)
720	WGN	Chicago IL, p/d oblong card, stickers in 11 days. Same card they were using 20 yrs ago! V/s James Carrollo, DoE. (Wilkins-CO) <i>Sounds like the same card I got from them in '79! GM</i>
790	WAYY	Eau Claire WI, p/d letter, business card, returned enclosed \$1.00 in 39 days. V/s George Roberts, VP/Market Manager. (Griffith-CO)
970	WNNR	Jacksonville FL, f/d form letter, business card with confirmation details on back, engineering info, coverage map in 3 weeks for DX test. Sent tape. V/s Ron Gitschier (NRC Member). (Myers-FL)
1050	XED	Mexicali, BCN MEXICO, e-mail verie in 13 days after a written follow-up. Have been trying to verie them since '85. V/s Rafael Cabal, Radiorama. (Wilkins-CO) <i>Congrats! GM</i>
1060	KDYL	South Salt Lake City UT, confirmation on report, stickers in 13 days. V/s Steve Carlson, OM. (Wilkins-CO)
1160	WMLB	East Point GA, n/d letter, station info, stickers in 7 days. V/s Al Hardee, PD. (Myers-FL)
1220	KHTS	Canyon Country CA, p/d letter and sticker in 52 days. V/s Carl Goldman, President/GM. (Wilkins-CO)
1240	WMMB KEVA	Melbourne FL, p/d letter, stickers in 10 wks. V/s Bill Mick, PD. (Myers-FL) Evanston WY, p/d card in 47 days for CD report of DX test. V/s Michael J. Richard, QSL/DX Mgr. (Heinen-CO) f/d card in 37 days for tape of DX test. (Griffith-CO) p/d card in 46 days for DX test. (Wilkins-CO)
1450	KWBW	Hutchinson KS, confirmation on report in 8 days. V/s Dan Deming, Mgr. (Heinen-CO)
1460	KZNT	Colorado Sprs. CO, f/d letter in 23 days after a follow-up. V/s Phil Lewis, GM. Addr: 7150 Campus Dr. #150, Colorado Sprs., CO 80920. (Heinen-CO)
1520	WQMA	Marks MS, f/d letter (#2), photo of transmitter site in 43 days for DX test. Sent tape and \$1.00. V/s Paul Walker, Jr., Asst. PD. (Griffith-CO)
1550	WXHL	Elkton MD, p/d card, High Noon business card in 20 days for DX test. Sent e-mail to station and report to Les Rayburn. No v/s. (Heinen-CO)
1570	WBGX	Harvey IL, confirmation on report in 10 days. V/s M.J. Gallagher, President. Addr: 5956 S. Michigan Ave., Chicago, IL 60637. (Heinen-CO)
1580	KHGG	Ft. Smith AR, confirmation on report, business card in 12 days. V/s Bill Pharis, President. (Heinen-CO)
1600	KCRG	Cedar Rapids IA, f/d letter, coverage map, copy of log, ESPN "The Zone" hat, returned enclosed \$1.00 in 10 days. Heard during rare KCKK silent period. V/s Demetrios Hadjis, Dir. Of Sales and Client Relations. (Griffith-CO)
1640	KFNY KMMZ	Enid OK, prepared card in 7 days. V/s Hiram Champlin, Owner. (Wilkins-CO) Enid OK, same as above for follow-up of previous calls. (Wilkins-CO) n/d letter in 10 days. V/s Hiram Champlin. (Heinen-CO)
1680	WDSS KTFH	Ada MI, f/d "Radio Disney" sheet, stickers, fridge magnet in 27 days. No v/s. (Wilkins-CO) Seattle WA, n/d letter in 9 days. V/s Monte Passimore, CE (KD7ZOZ). (Heinen-CO)

Contributors: Patrick Griffith, Westminster, CO; Wayne Heinen, Aurora, CO; Greg Myers, Largo, FL; John Wilkins, Wheat Ridge, CO

KLEO
1480

Musings of the Members

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

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

Here is the NRC column which asks the question, what is the question anyway? When sending your items in, please keep them radio-related, listening-related, and related to your 3rd cousin named Jethro. Reports from JOHN BOWKER are also appreciated. Here we go:

Herbert Newberry - 197 Trojan Road NE - Milledgeville, GA 31061-6421

When I was a young boy, I "discovered" DXing the AM bands when my father, when we lived near Chicago, would tune in to WSM-650 to hear the "Grand Ole Opry" or WSB-750 since my mother was from GA and she loved to get news from "home." One Christmas I received a 14-transistor AM-FM-SW portable radio (don't remember the brand), but it was large enough to use 6 D cells. It had a carry handle, an antenna for FM and SW and a large speaker. It had very good audio. I discovered that by turning the radio on AM, signals would come and go (nulling), so I quickly learned to set the radio based on which station I listened to. I heard the distant stations, the 50kw'ers, and I was fascinated about hearing the stations in NY, Atlanta, New Orleans, etc. On vacations, we sometimes traveled at night, even overnight, with good radios in our cars, mostly Philco and Delco, and I discovered another chance to tune around. Very casual DX'ing. During high school, I began I began to study radio in general, from LW to SW. I experimented with abandoned tube radios and wire antennas and caught the 'fever' in the early 70's. Now I was living near Atlanta so Chicago became a 'target' when Atlanta had been a 'target' when I lived in Chicago. Through the late '70's into the late 80's, I went through a series of radios. First, I was given an old National receiver, which was part of a ham unit, so it covered all of the major ham bands and some adjacent SW bands. About the same time, I purchased a Realistic tabletop radio that tuned from 100 kHz to 30 kHz with a separate bandspread dial and a 'spot' to calibrate the dial. I didn't use the 'spot' but I tuned to WWV or CHU and calibrated 'on the fly.' It was a good AM DX radio. I had a longwire in a rectangle around a 2 acre pasture. One night an electrical storm blew in and a hit wiped out the radio (I forgot to disconnect the lead-in; I learned a lesson). Back to Radio Shack, I saw the DX 440, saved up the money for it, and got one. A good radio. I wish I'd kept it, but I sold it at a yard sale as I began to save for my current radio, a Kenwood R5000. It's been a good radio, but it is now 13 years old, and I'm thinking of replacing it with an Icom R75. The Kenwood's one downside is a lot of display and microprocessing noise; otherwise, it's a good, all-purpose receiver. As for antennas, I've always used wire with lots of good results. Now I use 2 wire antennas run through a Quantum phaser and a Quantum QX pro loop with excellent results (thank you GERRY THOMAS!). 73's

Harry Schools - 1606 S. Newkirk Street - Philadelphia, PA 19145

I recently rejoined the NRC after a 30-year hiatus so I thought that an intro would be in order. On Christmas day in 1970, at the age of 14, I received a Realistic Patrolman portable AM/VHF-hi receiver from my parents. Over the holidays, I was using the radio to listen to mobile telephones and the Philadelphia Fire Department around 154mhz but quickly became bored. On a mid-January evening of 1971, I was using my Patrolman on AM while listening to a Flyers hockey game. Instead of turning the radio off at the end of the game, I began to slowly tune to KYW-1060 in order to get the weather as snow was in the forecast. I stopped on a loud station I thought was KYW but instead turned out to be WHO-1040. I couldn't believe it! It just wasn't possible, or so I thought, for a small radio to pick up a station from so far away. For the next several hours, I tuned up and down the band between the local Philadelphia stations and heard the classic 50kw stations such as WKBW, WOWO, WBZ, WJR, WLS, WSM, WLW, CKLW, CBL; and I like to near flipped when I heard WBAP with such a steady signal. The DX bug had bitten, but I didn't realize it. No more than a week later, I stumbled across a copy of *Communications World* magazine at a local electronics shop. I was amazed to find a 'hobby' called BCB DX'ing existed and was prominently featured within the magazine. Thanks to *Communications World*, I learned the basics of logging, reporting and verifying the DX I was hearing, and around 1974 or so, I joined the NRC as they had recommended. My early DX'ing was done with bare bones equipment such as portable and table top radios but that didn't stop me from verifying hundreds of stations. I dropped out of the BCB DX hobby in 1976 when I joined the USAF and shifted to SWL'ing (WDX3IKJ) and ham radio (WB3BIS - KA3B - K3HS). After almost 30 years of dabbling in radio, I can honestly say

that I could never get excited about SWL'ing and have lost interest in ham radio except for an occasional QSO on 10 meter FM simplex. Now at age 47, I am ready to relive my youth and delve into BCB DX once again. I never really lost interest; it's just that a career and family matters got in the way. I have decided not to set up a serious listening post until next year when I move and at the time I will start from scratch; I have to. All of my old logbooks and verifications went out in the trash years ago after a broken hot water heater flooded the basement. It sickens me to think of all those old cards and letters from stations that no longer exist are gone forever. As an aside to actual BCB DX'ing, I collect radio verification stamps such as EKKO and Bryant and have been attending postcard shows looking for old AM radio cards and postcards. Also, I'd love to obtain old copies of *DX News* and the *IRCA DX Monitor* for my library if anyone is looking to discard their accumulated volumes, especially from the early 1970's when I was previously a member. (And a big welcome back to you, Harry; glad to have you back in the fold!-DWS)

Bob Harrison - 166 Renner Avenue - Union, NJ 07083 - rharri333@aol.com
 ***** Local Radio Lives! *****

My wife, youngest daughter, and I set off early Sunday morning, May 2 on a 150-mile drive to Lancaster, Pa. for a family event, and for me it was an opportunity to scan the AM dial in search of local, hometown-style broadcasters. Across New Jersey and into Pennsylvania along Interstate 78, we found WRNJ-1510 and WPGA-1100 not yet on the air, so we settled for the oldies on WKBW-1520 until they faded into the sunlight. Into the Allentown area, WEST-1400 was pleasant enough with nostalgia via satellite, but what a nice surprise it was to find a locally produced doo-wop program on WKAP-1470, with a local announcer and a nice blend of common and obscure oldies. Once out of their range, we tuned to WADV-940, perhaps the nation's northern-most southern gospel station, and found a locally-produced religious talk program. In fact, as we tuned up and down the dial along route 501 south towards Lancaster, we found quite a number of local church broadcasts, not on satellite or taped by some national distributor, but live services from local churches. Approaching Lancaster around 10 o'clock, we found WQXA-1250 with a pre-taped bluegrass program, not exactly local, but enjoyable enough for the final leg of the morning drive. Beginning our return trip in mid-afternoon, we found WQXA was running "real country" via satellite, so we tuned up just a tad and discovered WHVR-1280, a wonderful little station with country oldies and a DJ with a bunch of local ads. He said he was on the air that afternoon only because a ballgame in Cleveland was cancelled by rain. We stayed with WHVR as long as we could, and we didn't mind it at all when our progress was slowed by the horse-drawn Amish buggies along route 501 north. Around 3 o'clock we switched to WWSM-1510, proudly proclaiming itself as "a Pat Garrett radio station". As far as I know, it's the only Pat Garrett radio station. Pat Garrett is a country singer and local entrepreneur who had a half-dozen mid-sized country hits in the 1980's, and who now has billboards plastered up and down Interstate 78 west of Allentown, advertising his sheepskin coat outlet, his amphitheater, and, on one billboard, his radio station. (It's the strangest radio station billboard I've ever seen; someone should take a photo of it!) Anyway, behind the mike on WWSM that afternoon was a fellow who called himself "the Colonel"; he was having a great time playing old country records along with new bluegrass music by a local group. One of the bluegrass tunes was interrupted by an alarm and an announcement of an impending thunderstorm, and the Colonel apologized profusely for the interruption; he didn't seem to care if half his audience was blown away by the storm, as long as he could keep playing all that great music! Anyway, the Colonel entertained us wonderfully all the way to the outskirts of Allentown, and we closed out our trip listening to local DJ's and local ads on WPGA-1100 (with '70's & '80's music), WRNJ-1510 (with '60's and '70's oldies), and WMTR-1250 (with '50's and '60's oldies). Yes, local radio is still alive, but you really have to search for it! (Good to hear from you Bob, and don't forget WGHT-1500, near you! Former NRC'er LEW WHITE does some work there, mostly fill in -DWS)

J E Lewis - Kansas City, MO

I spent my first five years of live at Chicago, on the North Side, in an apartment, but I have no recollection of radio listening at that location (N. Hoyne) much less DX'ing. I lived for the next 13 years at the western part of Highland Park, IL, 23 miles north of Chicago's loop. While there I started out with a small tube radio and was surprised and pleased to hear Nashville (WSM, WLAC) as well as WCKY 1530. Later I got a very large tube radio out of an huge old cabinet and had somewhat better luck and also learned about shortwave. Static wasn't much of a problem, but there was some fluorescent light noise from my father's room nearby. I think a little later we had a medium sized tube radio which had FM, but it would only get up to about 106 MH/Z due to some defect. A little later still we got a larger much more modern Zenith tube radio with a plug for a separate stereo component, which we did not obtain. Also around that time I got two other Zeniths, both transistors, which were as excellent as the tube Zenith. My best catch was WQAM Miami, 560, which I got early one Monday

morning when WIND 560 Chicago was off for one of its equipment maintenance silent periods. It was lots of fun then to listen to the three-time share stations on 1240 sign on and off several times a day. WC RW was on from 11 AM to 2 PM and 5 to 7 PM daily. They were only 100 watts from studios and transmitter on Chicago's near north side in a residential hotel. The other two were 250 watts with one being on the South Side. Occasionally I thought I could hear Sterling IL on 1240 which was then also 100 watts. Sometimes I could hear 1600 Harvard, IL, over the splatter of 1590 Evanston (which signed off each evening with a complaint about not being allowed to operate at night). Regarding WQAM, they were only 1000 watts at night then, but possibly their salt water ground system could have helped their skywave to some extent. We were a little far west at our location in Highland Park to benefit from water path reception from Michigan, Indiana, or Wisconsin, but of course there was some benefit to the location—nearly in Deerfield—when trying for semi-locals daytime to the west. Probably my interest in listening for content came out of my father's career in radio which began as the first electronic newsman at Tulsa (KTUL, the only station with news then), 1934-38, and then on to WLS Chicago as reporter, writer, and prominent newsman, during which time he was a WWII war correspondent from Europe. He worked for WLS from 1938 to about 1951. Shortly after that he went to work for WBBM Chicago, CBS owned and operated, and wrote as well as edited news there until 1969, when he relocated to Miami, finishing his employment with Miami-Dade Community College. Larry King interviewed him over WIOD Miami mostly pertaining to radio journalism as contrasted with print journalism. Although he retired in 1979 and moved to Fayetteville, AR, some older readers may remember Ervin Lewis, who received mail from as far away as the South Pacific while on WLS. My next DX'ing location was downtown Tampa, FL, 1964-65, and with my tube and transistor Zeniths heard a whole new world. (And we'll pick this up for Part 2 next issue!-DWS)

Tim O'Hare, Spokane, Washington

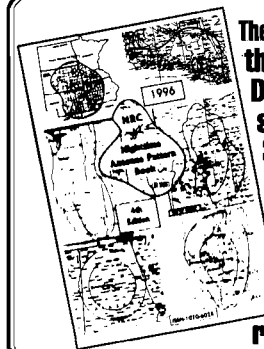
Hello from Spokane, the RFI capitol of the northwest. I've been DX-ing since 1959, mainly SW; but recently joined NRC. Was in IRCA many years ago. Did quite a bit of TP & TA dx from the Seattle area. Do not even hear a split-frequency station on this side of the mountains. Also got lots of noise here. I think this past summer thru this spring has been the worst as far as propagation and noise I have experienced since I started DX'ing !!!! I have a G.E. SUPERADIO, Mark I, in collector condition for sale; there is not a scratch on it; truly pristine! It performs as good as it looks. Am asking \$65.00 for it (or offer) or will trade for a good condition Space Magnet or some other loop. I will pay for the shipping on the Superadio. Good dx-ing.

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

It's good to see the turn out for the column is up again, and we hope it will continue! Let's hear from you on "How I Got Started In DX'ing", and we'll put it right here.

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