

DX News

Serving DX'ers since 1933



Volume 72, No. 24 - April 4, 2005 (ISSN 0737-1659)

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CPC Test Calendar

WIMA OH 1150 April 4 0200-0206

WIMA-1150 - 667 W. Market Street, Lima OH 45802 was scheduled to conduct a DX Test on April 4, 2005 from 2:00 am to 2:06 am EST. This test will consist of audio test tones, sweep tones, Morse code IDs, and voice IDs. Note, this test only runs for 5 minutes. Reception reports should be sent to; Mark Gierhart, Director of Engineering. No phone calls please. E-mail reports can be sent to MarkGierhart@ClearChannel.com. Attached MP3 files should be less than 1 mb. Details and results of the test will be provided at <<http://www.1150wima.com/dxtest.html>>. Arranged by the NRC. CPC.

From the Publisher ... Several NRC'ers wrote to pass along the news that DXAS member Steve Kennedy, W4MGY, passed away March 23 at the age of 54 in Nashville, TN. Steve had been a member of NRC in the 1970's and 1980's and Chief Engineer and part owner for several stations in Florida and Alabama. He had rejoined the NRC as a DXAS member in 2003. Steve had been a partner of the late Ron Schatz in monitoring Cuban stations from the Florida Keys. Our sincerest condolences go to his wife Alice, N4DXE.

Another death of a radio notable: George E. McKay, Jr. on March 10 in Claremont CA. McKay had formed the McKay-Dymek Company in 1975.

Greg Myers has informed me that he can no longer continue editing "Confirmed DX'er", so we are accepting applications for the editorship of this column via e-mail at <p1sBCBDXER@aol.com>. Thanks to Greg for his fine work with this column. I have been unable to contact Dave Braun to determine whether or not he intends to continue editing "DX'er's Notebook", so we are tentatively accepting applications for the editorship of this column, which gathers useful info from the NRC listserv. Russ Edmunds is winding up his gathering of material for his "Target DX" column, and so we will be looking for an experienced DX'er who

can discuss DX targets periodically. Thanks to Russ for sharing his expertise for years in this and other columns. Also, plans are underway for new DXN columns ... one will chronicle nostalgia and DX'ing, and another will discuss DX in layman's terms for beginners and experienced DX'ers. Finally, we are involved in "beta" testing of the long-awaited e-DXN, the companion online publication to DX News and DX Audio Service which will contain elements of both and much more, including an interactive forum for members. Watch this space for more news on e-DXN.

DXChange ... Phil Beckman - 9376 Autumn
(Continued on page sixteen)

DXN Publishing Schedule, Volume 72

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
25.	April 8	April 18	28.	July 1	July 11
26.	May 6	May 16	29.	Aug 5	Aug. 15
27.	June 3	June 13	30.	Sept. 9	Sept. 19

DX Time Machine

From the pages of DX News:

50 years ago ... from the March 19, 1955 DXN: In reporting the results of the WKRC-550 DX broadcast of 2/1, Boy Seifert, Glendale, Ohio, stated that 58 reports had been received from 27 states (New Hampshire and Florida to Washington and California). Hank Tyndall, Burlington, VT enclosed a copy of his 1925 WKRC verie with his report. From March 26: Hoard Perkins, Euclid, OH, reported that reception of KGU-740 was good on Tuesdays after 0300 when KCBS left the air; and Pat Reilley, Jamestown, NY copied the announcement, "This is Station 4YC in Dendia", on 900 kc/s at 0405.5 on 3/18.

25 years ago ... from the March 17, 1980 DXN: This St. Patrick's Day DXN was printed ALL in green ... from March 31: This 64-page behemoth included a review on the Humpler 4NK8 receiver ... and other April Foolery.

10 years ago ... from the April 10, 1995 DXN: Ben Dangerfield, PA, and Mark Connelly, MA, teamed for receptions of 1386 Kaliningrad on March 22 (0407) and March 23 (0409), both reporting Eastern European or gypsy music being heard.



AM Switch

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



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

CALL LETTER CHANGES

Old Call	New Call
630 KPTT	NV Reno
960 WILT	PA Mount Pocono
1290 KZBN	CA Santa Barbara
1310 KXTN	TX San Antonio
1330 KSNB	CA Shasta Lake City
1330 WYSN	PA Somerset
1370 WAXE	FL Vero Beach
1440 WVMG	GA Cochran
1460 WBPA	KY Elkhorn City
1470 WTKO	NY Ithaca
1490 WSPD	PA Johnstown
1700 KTBK	TX Sherman
	KKLF [now //KLIF-570 with talk]

* - Call change reserved pending station sale

CPs ON THE AIR

810 WJJO	WI Tomahawk - CP for U1 980/13 is on the air.
850 WFTL	FL West Palm Beach - Program Test Authority granted for U4 50000/28000 from the proposed 6-tower site of WJNA-640 at N26-32-30 W80-44-30.
1290 WHKY	NC Hickory - CP for U4 50000/1000 is on the air.
1350 WZNN	NC Black Mountain - CP for U1 10000/56 is on the air.

NEW STATIONS TESTING

890 KDJQ	ID Meridian - Heard testing their U2 50000/250 set-up on 3/19/2005.
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GRANTS TO EXISTING FACILITIES

540 WLIE	NY Islip - CP granted for upgrade to U5 4300/175 from the adjusted coordinates of N40-45-08 W73-12-50.
620 WGCV	SC Cayce - CP granted to increase day power to become U1 2500/126.
730 WJYM	OH Bowling Green - CP granted to add night service as U1 1000/359.
730 WLTQ	SC Charleston - CP granted to decrease night power to become U5 5200/83.
890 KQLX	ND Lisbon - CP granted to increase power to become D1 1800/0.
930 WEOL	OH Elyria - Coordinate adjustment to N41-16-10 W82-00-16.
980 WRNE	FL Gulf Breeze - CP granted to increase their daytime power to become U2 4000/1000.
1000 WDJL	AL Huntsville - CP granted for D3 10000/0.
1060 WCGB	PR Juana Diaz - Coordinate correction to N17-59-28 W66-28-32.
1130 KILJ	IA Mount Pleasant - CP granted to add night service as U1 250/22 at corrected coordinates of N40-57-38 W91-35-05.
1150 WJRD	AL Tuscaloosa - CP granted for U2 20000/1000.
1220 WZBK	NH Keene - CP granted to add night service as U1 1000/146.
1230 WABN	VA Abingdon - License renewed and CP granted to move its transmitter site to a new 195' tower at N36-44-03 W81-58-18.
1260 WSUA	FL Miami - CP granted to add two towers to their standing four, in order to increase power levels to become U4 50000/20000.
1270 KNWC	SD Sioux Falls - CP granted to increase day power and decrease night power to become U4 5000/2300 from a new 4-tower site at N43-17-03 W96-45-53.
1390 KGNU	CO Denver - CP granted changing station from 'commercial' to 'non-commercial' status.
1390 WEED	NC Rocky Mount - CP granted to decrease nighttime power (in order to go non-DA) to become U1 5000/30, in addition to a coordinate adjustment to N35-57-43 W77-49-35.
1410 WRMN	IL Elgin - CP granted to increase nighttime power to become U2 1000/1500.
1420 WKCW	VA Warrenton - CP granted to increase power levels to become U4 22000/60.
1450 WLAY	AL Muscle Shoals - CP granted to diplex their signal into the Number 2 tower of the WVNA-1590 site at N34-45-03 W87-41-08. WLAY remains U1 1000/1000.

RadioVermont
WDEV
AM550 FM96.1

1530 WRPM	MS Poplarville - CP granted to move to 1170 kHz with D4 5000/0 CH 5000 is granted. But remember, this station has a later application to move to 570 kHz.
1530 KZNX	TX Creedmore - CP granted to add nighttime operation as U7 10000/12 CH 1000.
1540 KMPC	CA Los Angeles - CP granted for U4 50000/2900, but they have a pending application requesting U4 50000/37000.

APPLICATIONS FROM EXISTING FACILITIES

690 WOKV	FL Jacksonville - Application requests an increase in nighttime power. If granted, WOKV will become U2 50000/25000.
790 WRMS	IL Beardstown - Application is to slightly reduce the night power to become U4 500/55.
950 WCTN	MD Potomac-Cabin John - Application is for a reduction in power levels to become U4 2200/43.
1050 WBRG	VA Lynchburg - Application is to increase day and night power levels to become U1 4000/980.
1090 WILD	MA Boston - Application is to decrease their day power while increasing the CH power level, and to relocate their transmissions to the 196' #1 tower of the WXXS-1430 Everett, Massachusetts array at N42-24-10 W71-04-28. When operational, WILD will be D1 4800/0 CH 1900.
1210 KZTS	WA Sunnyside - Application is to move to 1230 kHz with U1 700/700.
1240 WNSG	TN Nashville - Application is for U1 1000/1000 (unchanged), diplexing WNSG into the WNAH-1360 tower at N36-11-33 W86-46-29.
1370 KWTL	ND Grand Forks - Applies to increase nighttime power to become U1 1000/280 from a new, shorter tower at N47-55-03 W97-07-56.
1400 KODI	WY Cody - Coordinate correction to N44-30-46 W109-03-20.
1440 WCDS	KY Glasgow - Application covers a move to Plum Springs, Kentucky with a power upgrade to be U1 1000/1000 on 1450 kHz.

AMENDMENTS TO CONSTRUCTION PERMITS SUBMITTED

640 WJNA	FL Royal Palm Beach - Licensed for U4 7500/460, WJNA has a CP to increase their power to become U4 25000/25000 and to relocate to a new six tower site at N26-32-30 W80-44-30. This amendment requests a change in city-of-license to Boca Raton, Florida with the new facilities.
760 KCCV	KS Overland Park - Application is to augment the newly-authorized night pattern for their CP for U4 6000/200.
800 KPDQ	OR Portland - Licensed for U1 1000/500, KPDQ has a CP to raise their nighttime power to become U2 1000/1000 at a corrected transmitter site at N45-28-39 W122-45-03. This amendment requests U2 1000/600 at that new site.
1010 WOLB	MD Baltimore - Licensed for U1 1000/26, WOLB holds a CP to diplex into the proposed new 285' tower of WWIN-1400 Baltimore, MD at N39-18-06 W76-34-09 with U1 250/30. This amendment requests U1 1000/30 at that new site.
1140 KNEI	IA Waukon - Licensed for D1 1000/0, KNEI has a CP to move to 1160 kHz with U1 530/26. This amendment requests U1 880/26 on 1160.
1380 KMUL	TX Farwell - Licensed for U1 1000/148, KMUL has a CP to move to Muleshoe, Texas on 830 kHz with U1 1100/10 from a new site at N34-29-37 W103-23-38. This amendment requests another tower site.
1490 WOLF	NY Syracuse - Licensed for U5 1000/1000, WOLF has a CP to go U1 1000/1000. This amendment requests U1 1000/1000 CH 1000. As near as I can decipher the FCC-talk, this has something to do with the fact that WSIV-1540 East Syracuse, New York and a new 720 kHz station for DeWitt, New York, both have construction permits for operation at the WOLF site. Each station will have its own non-directional tower.

AMENDMENTS TO APPLICATIONS SUBMITTED

600 NEW	AL Babbie - Original application was for U4 250/250. Then an amendment was submitted for U4 500/300. This amendment requests U4 720/300 from a new site.
810 WEUS	FL Orlovista - Original application was for U4 1000/400. This amendment requests U4 5000/400. They intend to build four towers instead of the initial three, and adjust the patterns to further protect C6B3 Freeport, Bahamas.
1230 KYPA	CA Los Angeles - Licensed for U1 1000/1000, KYPA applied to move their transmitter site to the KBLA-1580 site with U1 1000/1000. The FCC challenged

that saying that, from the new site, they would interfere with XESCT Ensenada, BCN. So, KYPA has adjusted the application to now read U1 1000/830.

- 1230 NEW MN Pine River - Original application was for U1 1000/1000. This amendment is to move the station to 1210 kHz with U2 6000/250.
- 1280 KZNS UT Salt Lake City - Licensed for U4 10000/600, KZNS applied for U7 50000/600 CH 50000. This request drops the CH designation.
- 1300 KAZN CA Pasadena - Licensed for U4 5000/1000, KAZN has a pending application for U4 17000/4200 from a new six-tower site. This amendment requests U4 23000/4200 from that new site.
- 1350 WBLT VA Bedford - Licensed for U1 1000/47, WBLT has a pending application to raise their daytime power to become U1 2500/47. This amendment requests U1 5000/47.
- 1420 WATB GA Decatur - Licensed for D1 1000/0, WATB applied to move to 1430 kHz with U5 50000/160. The FCC questioned Section 73.24(g) of the commission's rules which require an AM station applying for an increase in facilities to demonstrate that the population within the 1 v/m contour of the station does not exceed 1% of the population within the 25 mv/m contour, which the initial application failed to do. WATB countered saying the population within the 25 mv/m contour of the proposed facilities of the station is 242,069 and the population within the 1 v/m contour is 4,900, therefore, a waiver of this rule is necessary. However, 2,785 of the total population, and more importantly the population within the 1 v/m contour, consists of persons housed in the DeKalb County Jail. These persons are not included in population for the purposes of section 73.24(g) for two reasons. First, the inmates of the DeKalb County Jail are not permitted to use or possess radios according to conversations with DeKalb County Sheriff Thomas E. Brown. Second, the inmates are not considered residents for a 'reasonable length of time'. Just when you thought you'd heard them all...
- 1450 NEW AK Unalaska - Original application was for U1 1000/1000. This amendment requests U1 5000/5000 at a new transmitter site and antenna only 95' tall.
- 1410 KWYO WY Sheridan - Licensed for U1 5000/500, KWYO applied to move to the KROE-930 tower, which is taller. So a decrease in their nighttime power was called for. Thus the request for U1 5000/440, which the FCC dismissed. This amendment asks for U1 5000/350 from that tower.

APPLICATIONS FOR NEW STATIONS

- 760 NEW NV Las Vegas - Application is for U4 1000/930. [Frequency correction from last Issue - Ed.]
- 1340 NEW MT Kalispell - Application is for U1 1000/730.

APPLICATIONS REINSTATED

- 890 NEW FL Longwood - Application is for U4 50000/500. [Dismissed and reinstated in four days.]
- 1550 NEW FL Bunnell - New station applied for U2 9300/200, but was dismissed by the FCC. The applicant requested the application be reinstated, and the FCC obliged.

APPLICATIONS FROM EXISTING FACILITIES DISMISSED

- 1700 KVNS TX Brownsville - Application for U1 10000/1000 has been dismissed. Station remains U1 8800/880.

PETITIONS FOR RECONSIDERATION FOR APPLICATIONS

- 600 KGEZ MT Kalispell - Their application for renewal was dismissed as the 'paperwork' was not submitted on new FCC forms.
- 648 WVUV AS Leone - WVUV seems to have been deleted from the FCC's on-line resources, but they've submitted a request for reconsideration for an application. Looking at the Auction 84 list, they asked to move to 720 kHz with U1 5000/5000, but must have missed an FCC cut-off date for refiling on the new forms. We'll keep an eye out for this.
- 740 WI2XAC PR Ponce - Application is U1 500/100 for this 'experimental synchronous' station for WIAC.
- 750 NEW NY Lansing - Application is for U8 2500/720 CH 2500.
- 830 WACC FL Hialeah - Licensed for U4 1000/1000, WACC applied to increase their daytime power to 5000 Watts.

- 1040 NEW CA Clovis - Application was for U2 550/1700 CH 550.
- 1050 KCAA CA Loma Linda - Licensed for D1 1400/0, KCAA applied to add night service as U4 1400/1800 from a second site near the KVCRR-FM/TV/DT tower site. Due to landowner complications, they later submitted an amendment changing the night power to read D4 1400/164.
- 1050 KTCT CA San Mateo - Licensed for U4 50000/10000, KTCT applied to increase nighttime power to become U4 50000/50000.
- 1210 KGYN OK Guymon - KGYN had applied to move to Oklahoma City with U4 50000/10000.
- 1330 WGTJ GA Murrayville - License was deleted. This is a request for reinstatement and renewal.
- 1340 NEW NM Taos - Application was for U1 1000/1000.
- 1430 WFHK AL Pell City - License was deleted. This is a request for reinstatement and renewal.
- 1430 WRMG AL Red Bay - License was deleted. This is a request for reinstatement and renewal.
- 1490 KRSN NM Los Alamos - Station had applied to change the city-of-license to Santa Fe, New Mexico.
- 1540 KGBC TX Galveston - Applied for U4 2500/250.
- 1620 NEW NJ Toms River - Application is for U1 10000/1000.
- 1660 NEW PR Mayaguez - Application is for U1 5000/185.
- 1660 NEW PR Ponce - Application is for U1 5000/185.
- 1690 NEW VI Amalie - Application is for U1 10000/1000.



LICENSE RENEWALS GRANTED

- | | | |
|-----------------------|--------------------------|------------------------|
| 860 KWPC IA Muscatine | 1060 KTOZ MO Springfield | 1230 WHCO IL Sparta |
| 920 WBOX LA Bogalusa | 1140 WQII PR San Juan | 1430 WRTH MO St. Louis |

LICENSE RENEWALS DISMISSED & CALL LETTERS DELETED (But I'm sure we'll hear from them again in the form of Reconsideration Applications)

- | | | |
|---------------------------|--------------------------|---------------------------|
| 580 WBIL AL Tuskegee | 1230 WBOK LA New Orleans | 1400 WWTM AL Decatur |
| 590 WRAG AL Carrollton | 1240 WGRM MS Greenwood | 1410 WZZA AL Tusculmbia |
| 990 WGML GA Hinesville | 1240 WSOL NC Brevard | 1430 WFHK AL Pell City |
| 990 WBTE NC Windsor | 1240 WSDT TN Soddy-Daisy | 1430 WRMG AL Red Bay |
| 1010 KDLA LA De Ridder | 1250 WYTH GA Madison | 1480 WLPH AL Irondale |
| 1080 KYMO MO East Prairie | 1260 WTJH GA East Point | 1490 WANA AL Anniston |
| 1100 WCGA GA Woodbine | 1280 WPID AL Piedmont | 1490 WSNT GA Sandersville |
| 1110 WBCA AL Bay Minette | 1330 WGTJ GA Murrayville | 1510 KIFG IA Iowa Falls |
| 1130 WMGA GA Moultrie | 1340 WGAA GA Cedartown | 1530 WTTI GA Dalton |
| 1150 WJEM GA Valdosta | 1350 WBLT VA Bedford | 1590 WVNA AL Tusculmbia |
| 1220 WAYE AL Birmingham | | |

NORTH OF THE 49th

□ CJRL-1220 Kenora, Ontario will be going silent in less than 90 days as their programming is now being simulcast on the new 89.5 MHz FM station there. The format is Adult Contemporary. CJMD-1240 Chibougamau, Quebec has applied to the CRTC to move to 93.5 kHz with 19.8 kW at 222.5 metres. If approved, they would simulcast the programming of the new FM station on CJMD and CFED-1340 Chapais for a period of three months from the date of implementation of the new station. With another GY station leaving the band, Deane McIntyre asks the probing question: "Which will be the last GYer in Canada?" Not many are left, save for the many low-powered repeater stations scattered across the land. The CRTC has approved a new FM station at Dryden, Ontario to replace CKDR-800. The new station, on 92.7 MHz, will have 38.8 kW, and maintain CKDR's English-language programming. All of the CKDR relay stations will continue to operate, with CKDR-5-1340 Red Lake and CKDR-2-1400 Sioux Lookout beginning to originate local programming in certain dayparts. CKDR-4-1450 Ear Falls will relay CKDR-5, while CKDR-1 Ignace-1340, CKDR-3 Hudson-1450 and CKDR-6-1240 Antikokan will relay CKDR-2.

HEAR AND THAR

□ Reported to have returned to the airwaves since we last met: WAAA-980 Winston-Salem, North Carolina with black gospel; KCLR-1530 Ralls, Texas with Radio Cristiano; KACE-1310 Birch Tree, Missouri with oldies; and WYAL-1280 Scotland Neck, North Carolina with black gospel. However, KMER-950 Kemmerer, Wyoming has been reported to be silent.
 □ Thanks to Frank Aden, Shawn Axelrod, Phil Boersma, John Bowker, Perry Crabill, Deane McIntyre, Radio/DX Information from Wisconsin, and Jerry Starr.

GRAVEYARD DX UPDATE

BIG NEWS: The official GYDX website has moved. Reset your browsers to: <http://www.nrcdxas.org/GYDXA/>. Meet you there...

Domestic DX Digest

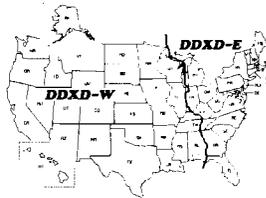
West: Bill Dvorak westlogs@aol.com

501 Algoma St. - Madison, WI 53704-4812

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

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

(Division line is
between East and
Central time zones)



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

DDXD-West

From the Vast Westland

- You may recall that last issue, I congratulated us all on making it through another winter. It turns out that this might have been a little premature. As I write this on the *real* first day of Spring, I look out my window at the several inches of new snow that fell in the last few days. Also, John Rieger reports on weather conditions in another part of the **Vast Westland** this day (see CJGX 940 SK below). John's is just one of the many fine loggings you will find in this edition of DDXD-W.
- By now we have "sprung forward" into Daylight Savings Time. For DDXD-W contributors, Eastern Local Time ("ELT") now becomes Eastern *Daylight* Time, and will remain so until the last Sunday in October. For most DDXD-W reporters, this means no change from the rest of the year—CDT add one hour, MDT add two, PDT three, etc. However, there are exceptions—Arizona (except within the Navajo Nation), Hawaii, most of Saskatchewan and parts of British Columbia stay on Standard time, and the gap between their local time and ELT grows by one hour.
- A big "Welcome Back" to Rick Dau of Omaha NE, who has rejoined the NRC after a couple of years' absence, and checks in with some loggings. And as always, a big "Thank You" to all of you who take the time to report your loggings! 73 Bill

Reporters

BL-CA Brian Leyton, Valley Village. DX-398 / RS Loop / 18' Box Loop.
DP-HI Dale Park, Honolulu. Sangean ATS-818CS, Terk AM1000 loop.
DP-HI* Dale Park, DXing in East Honolulu. Honda car radio.
DS-TN Doug Smith, Pleasant View. Yaesu FT-1000MP w/ various ham antennas, including 160 and 80m wire dipoles at 60' and 40m rotatable dipole at 65'.
JJR-WI John J. Rieger, South Milwaukee. Icom IC-R75, Kiwa loop, MFJ-959B tuner-preamp.
JV-KY John F. Vervoort, Madisonville. Grundig YB 400PE.
JW-CO John Wilkins, Wheat Ridge. Drake R-8, 4-foot box loop.
MS-MB Morris Sorensen, Winnipeg. Grundig YB-400 and RadioShack DX-392 portables.
PG-CO Patrick Griffith, Westminster. Drake R-8 and Kiwa loop.
RA-CA René Auvray, DXing from Los Angeles. 2005 Toyota Corolla car radio.
RD-NE Rick Dau, Omaha. Sony ICF-2010 + Quantum Loop.
RT-MN Rick Turner, Bemidji. Radio Shack TRF 12-655, Radio Shack 12-888, Select-A-Tenna 541.
Ed.-WI Your editor, Madison. Drake R8B, Quantum QX Pro loop.

Station News

- 620 **WTMJ WI** Milwaukee. Has turned the IBOC off, as first reported by Tom Jasinski on the NRC-AM list on 3/17. This is the second time that the station has suspended IBOC transmission. Last year they ran it for a few weeks before turning it off in August. They restarted it in January of this year, but now it is off. (Ed.-WI)
- 1230 **KJFK NV** Reno. Per Reno Gazette-Journal, KPLY dropped its sports talk (Jim Rome, etc.) and on 2/28 went liberal talk (Stephanie Miller, Al Franken, Randi Rhodes, Lionel, etc.) with calls KJFK. Station began the transition earlier in the month by adding "The Ed Schultz Show." KJFK will still air football and San Francisco Giants baseball on weekends. (DP-HI)
- 1290 **WIRL IL** Peoria. 3/14 2258-2301. Fair in ultra-tight null of KKAR. Heard George Jones song at 2258, then ID as "Classic Country 1290" before fading out. Came back at 2301 with calls this time, then Alabama's "High Cotton". So nice to hear these calls back in Peoria! (RD-NE) (Ex-WWFS and Fox sports. Confirms the call and format changes that Jim Gilinsky reported were imminent in the last issue. Ed.-WI)

KMEN
1290 AM

- 920 **UNID** Presumed, Tentative, UnID
 3/12 0215. American station playing oldies (sounded like B.J. Thomas). Fighting through heavy QRM from KHJ 930. Any ideas? (RA-CA)
- 1220 **WHKt OH** Cleveland. 3/11 0200. Heard what sounded like "AM 12-20 WAKW" twice underneath a station playing The Goo Goo Girls' "Give A Little Bit." Radio was aligned E-W. WHK goes by the calls WHKW at all but the top of the hour, so perhaps them. (RT-MN)
- 1220 **UNID** 3/11 1856. SS music and talk took over the frequency from KDDR. ID sounded like "RAH-day-oh Tar-RAN-ta", then faded away. Radio was aligned E-W. CHSC? (RT-MN)
- 1290 **UNID** 3/18 2000. Discussion about the NCAA basketball tournament. Radio aligned NE-SW. My best guess is that this might have been CJBK. Faded out after 2005, and conditions on the frequency completely deteriorated. Conditions returned to normal after a couple of hours. (RT-MN)
- 1310 **WTTlt KY** Madisonville. 3/20 1900. Very faint. Heard what sounded like "News Radio 13..W..GL, Hadisonville." Appeared briefly above the jumble, then gone. Closest call and QTH phonetically listed in logbook. (RT-MN)
- 1330 **KNSSt KS** Wichita. 3/23 0005. Mentions of Wichita, into talk show concerning the Schiavo case in Florida. Weak signal. (RT-MN)
- 1600 **UNID** 3/12 0634. Fair-to-poor with fades, with SS programming. No local ads, ID, nothing heard, noted. Needed KZGX in MN? (JJR-WI)
- 1650 **UNID** 3/22 0210. Station with George Noory and "Coast to Coast AM" giving very local (3 miles from me) KBJD a run for the money. Probably KCNZ in Iowa but couldn't catch an ID. (PG-CO)
- 1670 **KHPYt CA** Moreno Valley. 2/14 0005. SS talk heard before fading out. X-banders are very rare here due to their weakness and the numerous mixing products above 1610 kHz. Very poor. (DP-HI*)

Regular DX Loggings (times in ELT)

- 560 **KSFO CA** San Francisco. 3/12 0207. Call ID followed by George Noory announcing that John Grey is his guest. UnID Spanish music in the background, along with "XTRA Sports 570" splatter. (RA-CA)
- 570 **KVI WA** Seattle. 3/4 0807. Fair. "KVI Talk Radio-570." NEW! (MS-MB)
- 590 **KGLE MT** Glendive. 3/4 0759. Poor to fair with Montana mentions and "KGLE News." NEW!. (MS-MB)
- 610 **KAVL CA** Lancaster. 3/12 0213. NCAA basketball scores read. Extremely weak with KFRC San Francisco almost taking over. (RA-CA)
- 620 **KTAR AZ** Phoenix. 3/12 0152-0154. Sleep America ads with locations in Arizona, with other commercials following. Fair; reception weakening when Clark Howard Show returned. Spanish music station in background (possibly from Tijuana BCN Mexico). (RA-CA)
- 680 **KNBR CA** San Francisco. 2/28 0643. "Mike and Mike" show; at 0657 PSAs for American Cancer Society, fair housing law, slogans such as "KNBR San Francisco, America's Favorite Sports Station"; into "ESPN Radio Sportscenter" with Bob Piccozzi, // KKEA 1420. Extremely rare here. Very poor; mucho KORL-690 QRM. (DP-HI)
- 680 **WOGO WI** Hallie. 3/18 0734. Poor but alone with calls, Bill Bennett. Rare! (JJR-WI)
- 690 **CBU BC** Vancouver. 3/4 0752. Poor in CJOB spatter with CBC Overnight. NEW! (MS-MB)
- 710 **WDSM WI** Superior. 3/7 0819. Poor; alone with calls, Imus. Trying for KXMR. (JJR-WI)
- 770 **WAIS OH** Buchtel. 3/13 0709. Very poor; calls in chatter over unID music station. (JJR-WI)
- 770 **WKFB PA** Jeannette. 3/19 0634. Fair in WABC null. ID "770-KFB" and 70's oldies. Fourth new log on 770 since January 1st! NEW! (JJR-WI)
- 780 **KKOH NV** Reno. 3/16 0156-0157. Medical commercial ads followed by Bill O'Reilly (announcement that it was on tape delay). Severe adjacent QRM from KABC 790. (RA-CA)
- 880 **KRVN NE** Lexington. 3/6 0830. Very poor; legal ID, news. Trying for needed WCBW. (JJR-WI)
- 880 **KRVN NE** Lexington. 3/12 0200-0205. Ads and Midnight Trucking Network announcement, followed by ABC news (Brian Nichols search and Bill Clinton big sto-

ries). Weather for Lexington followed, along with call letter ID. Weak; slight carryover from 870 KRLA. First time heard in Los Angeles. (RA-CA)

880 WRFD OH Columbus-Worthington. 3/10 0715. Poor over others; three local PSAs, news. (JJR-WI)

880 WRFD OH Columbus-Worthington. 3/12 1845. "Due to FCC regulations, WRFD 'The Word' must now leave the air.... WRFD is owned and operated by Salem Communications of Ohio." Very good signal and mainly dominating the frequency. NEW. (JV-KY)

880 WMDB TN Nashville. 3/13 0745. Poor over unID. Calls, local ads, legal ID at 0747. (JJR-WI)

880 CHQT AB Edmonton. 3/22 0741. Songs by The Eagles and Marvin Gaye; "Cool 8-80" slogan; weather for Edmonton in Centigrade at 0748. Fair in KRVN null. (JW-CO)

900 WCOR TN Lebanon. 3/7 0733. Poor in mix with 2 or 3 others. Calls of // WANT 98.9 FM heard. (JJR-WI)

940 KGMS AZ Tucson. 3/9 2025. Tail-end of religious program, followed by a couple of spots, including one to donate one's used car to Junk for Jesus(!) Signal disappeared at 2030, presumably sunset power cut, at which time KNNZ took over. Fair signal up to power cut. (JW-CO)

940 WNRG VA Grundy. 3/18 0719. Poor but over others. "Solid Gospel WNRG." No more C&W? (JJR-WI)

940 CJGX SK Yorkton. 3/20 0645. Fair, ID "GX94" and mention of -17 degrees C on this first day of spring! (JJR-WI)

940 KVSH NE Valentine. 3/22 2240-2259. Walloping KPSZ and everyone else on the channel by running its 5 kw day power way late. Tuned in at 2240 and listened to a great variety of 70s rock — Jefferson Starship's "Count On Me", Fleetwood Mac's "Don't Stop", Dr. Hook's "The Cover Of The Rolling Stone", Styx' "Come Sail Away", and ELO's "Don't Bring Me Down." FINALLY heard calls during a local weather forecast at 2257. Sign-off and SSB at 2259, with a mention that KVSH would be back on at 6 a.m. (RD-NE)

950 WERL WI Eagle River. 3/6 0815. Very poor in WNTD null. Standards and calls. Rare! (JJR-WI)

950 WAKM TN Franklin. 3/7 0727. Poor but steady with death notices, news, calls. (JJR-WI)

970 WZAM MI Ishpeming. 3/6 0800. Poor with legal ID, AP News format. No usual WHA. (JJR-WI)

970 WOXL NC Canton. 3/10 0656. Poor; "96.5 WOXL" and oldies. Alone on frequency. (JJR-WI)

980 CFPL ON London. 3/19 0705. Fair-to-poor with "AM 980" mentions, web info, calls. Rare! (JJR-WI)

980 KGLN CO Glenwood Springs. 3/19 2107. Soft jazz and love songs; finally an ID at 2125. New format or just a Saturday Night Special? Fair, mixing with KMBZ and KFWB. (JW-CO)

980 WITY IL Danville. 3/20 0640. Poor in WONE null with calls, standards. (JJR-WI)

980 WTEM DC Washington. 3/20 0703. Fair in fade-up over others. "Team980" ID, weather, phone number. (JJR-WI)

980 KDSJ SD Deadwood. 3/23 0849. Good in KMBZ null with local weather and calls, then an ad for Integrity Ford in Spearfish. (RD-NE)

990 WNOX TN Knoxville. 3/13 0730. Poor, steady. Local talk show, phone numbers, station calls. (JJR-WI)

1030 WUFL MI Sterling Heights. 3/18 0714. Poor with WBZ and WNVN nulled. Calls, religious music. (JJR-WI)

1070 WAPI AL Birmingham. 3/9 1848. "Traffic and weather together on Big Talk 10-70 WAPI... ", then at 1851 "Sean Hannity weekdays two to four on Big Talk 10-70 WAPI, and now back to the Richard Dixon Show..." (discussing the August 1986 Dan Rather "What's the frequency, Kenneth?" incident). Very good signal that became much weaker at 1901 by an apparent power cut. W DIA Memphis was heard underneath. NEW. (JV-KY)

1070 KHMO MO Hannibal. 3/18 0757. Poor on top briefly with ID. Relog. (MS-MB)

1070 KNX CA Los Angeles. 3/19 0124. Fair in WTSO null with business talk, ads, time check in PST and ID. Relog. (MS-MB)

1090 WAQE WI Rice Lake. 3/18 0809. Fair with local funeral announcements. Relog. (MS-MB)

1100 KFAX CA San Francisco. 3/9 2158. Program notes by gal, then 1-800 numbers and DotCom mentions, as well as call ID's. Not heard often here, since the loop bearing goes right through Grand Junction's 10,000-watt KNZZ. (JW-CO)

1100 KFAX CA San Francisco. 3/9 2355. "American Advisor with Joe Battaglia" (the infomercial-talk show of Goldline International); teaser "AM 11 Hundred KFAX..Focus on the Family exclusively..."; ad for Bebo Norman concert in Berkeley, ID "The Spirit of the Bay For Over Forty Years, KFAX AM 11 Hundred San Francisco...Salem Communications Station;" Cortaslim ad. Poor to fair. (DP-HI)

1120 WKQW PA Oil City. 3/19 0700. Poor in KMOX null with detailed weather, legal ID, CNN news. NEW! (JJR-WI)

1130 KWKH LA Shreveport. 3/12 2012. Poor to fair under KFAN with country standards and Shreveport mention. Relog. (MS-MB)

1150 WIMA OH Lima. 3/19 0648. Poor with calls; heard upon tune-in. Station in with 2 or 3 others. (JJR-WI)

1170 KOWZ MN Waseca. 3/4 1844. Fair with mention of Mayo Clinic, ID as "KOWZ 1170 AM", sports. NEW! (MS-MB)

1200 KYOO MO Bolivar. 3/17 2059. Marty Robbins song; ID at 2100 "KYOO Bolivar's Country Station" and into news, not sure which network. Fair-to-poor in WOAI partial null. On a bit late, as schedule is listed as LSR-LSS. (JW-CO)

1200 KYAA CA Soquel. 3/18 2046. Songs by Gerry and the Pacemakers and The Hollies; "Oldies...KYA" semi-ID. Rough copy, mixing with one of the XE's in WOAI's null. A new one here, CA #112. (JW-CO)

1210 KOKK SD Huron. 3/10 0103. Alison Krause song into sign-off, "Thanks for listening to Dakota Country here on 12-10, KOKK Huron." They went on to mention that they would be back on the air at 5:30 AM CST. Inspirational message followed by "God Bless America." Off at 0108. Some flutter. (RT-MN)

1210 KGYN OK Guymon. 3/10 0200. C&W music, "The information station, KGYN" into ONN news and weather. (RT-MN)

1220 WMGT MN Stillwater. 3/11 1800. "WMGT Stillwater-Twin Cities" into ABC news. (RT-MN)

1220 KDDR ND Oakes. 3/11 1855. Up briefly with "This is the Dakota Country Network" then faded out. Callsign ID logged at 2300 ("This is Dakota Country Radio, KDDR" into ABC news). (RT-MN)

1230 KTRF MN Thief River Falls. 3/12 1300. "KTRF 12-30 Thief River Falls, Minnesota" into CBS news. Distance is 75 miles. (RT-MN)

1240 WJON MN Saint Cloud. 3/13 0100. "This is your first choice for news, weather and sports, Information Radio, WJON Saint Cloud" into ABC news. Distance is 138 miles. (RT-MN)

1240 KCCR SD Pierre. 3/13 0915 News item concerning the Dakota Council, callsign ID, then ad for Country Hearth Bread, "the bread of the Dakotas." Possibly the same station that IDd at 0900 as "Community Service Radio, AM 12-20." Noted at 1900 carrying ESPN programming. Possible format change? Distance is 340 miles. (RT-MN)

1240 KIUL KS Garden City. 3/18 0844. Discussing how to be a volunteer umpire for area baseball; local spots, call ID; spotty after that with news bits and typical wake-up fare. Fair but fadey and mixing with KWIK, KXIT, and others. (JW-CO)

1250 WSSP WI Milwaukee. 3/14 0000. "Sports Radio 12-50 WSSP Milwaukee, Milwaukee's only all sports station" into sports news. (RT-MN)

1250 KBRF MN Fergus Falls. 3/14 1300. Rush Limbaugh, ad for WE Fest, crop prices report, "Good Neighbor Radio, serving western Minnesota and eastern North Dakota, KBRF 12-50 AM Fergus Falls" into CNN news. (RT-MN)

1260 KWYR SD Winner. 3/15 0100. "You're listening to Country 12-60 KWYR Winner, South Dakota, serving South Dakota and northern (or north-central) Nebraska" into C&W music. Sounded much stronger than 146 watts. (RT-MN)

1260 WNDE IN Indianapolis. 3/15 0200. "Sports Radio 12-60 WNDE Indianapolis" into sports news and scores. (RT-MN)

1260 KROX MN Crookston. 3/15 0900. "The Voice of the Valley here in Crookston, KROX", into local news. (RT-MN)

1260 WSDZ IL Belleville. 3/15 1900. "AM 12-60 WSDZ Belleville-Saint Louis" with many Radio Disney slogans, into KID format. (RT-MN)

1270 KNWC SD Sioux Falls. 03/16 0100. "AM 12-70 KNWC Sioux Falls" into inspirational message, weather and religious music. Noted underneath two stations with C&W music and sports. (RT-MN)

1270 KWEB MN Rochester. 3/16 1900. Traffic report, "AM 12-70 KWEB Rochester, The Fan" into ABC news. Possible slogan change. (RT-MN) (Part of KFAN's "The Fan Network." Ed.-WI)

1270 WXYT MI Detroit. 3/16 2304. Sports scores, ESPN jingle, "AM 12-70 The Sports Station, WXYT" underneath C&W station. (RT-MN)

1270 WKBF IL Rock Island. 3/17 0000. "Finally, a station that plays the perfect blend of 70s, 80s and 90s country, the new 12-70 WKBF Rock Island" into C&W music. (RT-MN)

1280 WGBF IN Evansville. 3/17 0107. ABC news, "News Talk 12-80 WGBF" into Coast-to-Coast. (RT-MN)

1280 WWTC MN Minneapolis. 3/17 0200. "Broadcasting to the greatest cities in America, this is AM 12-80 The Patriot, WWTC Minneapolis-Saint Paul, a service of Salem Communications, Intelligent Radio" into Fox News (ex SRN?). (RT-MN)

1280 KVOX MN Moorhead. 3/17 1300. "Your home for Nascar radio, The Fan AM 12-80 KVOX Moorhead-Fargo" into ESPN sports news. Slogan change? (RT-MN) (Also part of KFAN's "The Fan Network"; see KWEB 1270 above. Ed.-WI)

1290 WWFS IL Peoria. 3/13 0700. Poor; legal ID only. WMCS off until 0702. Flipped to WIRL calls and classic country the next day. (JJR-WI)

1290 WKLJ WI Sparta. 3/13 0700. Poor. Legal ID "WKLJ Sparta.-La Crosse-Tomah" into Fox news. Local WMCS off until 0702. Rare! (JJR-WI)

1290 KKAR NE Omaha. 3/18 0100. "KKAR Omaha, standing up for what's right" into CBS news. ID as "News Talk 12-90 K-Kar" at 0107. (RT-MN)

1290 WHIO OH Dayton. 3/18 0105. "[News?]Talk 12-90, WHIO" heard underneath KKAR. Logged again at 1900 with QTH of Dayton-Springfield. (RT-MN)

1290 CFRW MB Winnipeg. 3/18 1300. "You're listening to CFRW" into "I'll Never Fall In Love Again." Weak but readable. (RT-MN)

1290 KUMA OR Pendleton. 3/23 2159. "You're listening to Laura Ingram on Newstalk 12-90 KUMA." Local weather forecast with mention of Umatilla Ridge which is the site of the NWS transmitter in the Pendleton area. Into Jim Bohannon program. Definitely the dominant station on the frequency. (PG-CO)

1300 KROP CA Brawley. 3/9 2059. Out of C&W tune and into legal ID at 2059:46 "An American original...this is AM 1300 KROP Brawley, Imperial Valley's Real Country," then Marty Robbins' "Return to Me." Fair atop others. (JW-CO)

1300 KGLO IA Mason City. 3/19 0100. "This is Clear Channel's hometown station in northern Iowa, AM 1300 KGLO Mason City" into CBS news. (RT-MN)

1300 WOOD MI Grand Rapids. 3/19 2100. ID "WOOD-1300" into AHL hockey (Grand Rapids versus Chicago). (RT-MN)

1300 WRDZ IL La Grange. 3/19 2359. "WRDZ 1300 La Grange-Chicago" into KID music underneath KGLO and WOOD. (RT-MN)

1310 WIBA WI Madison. 3/20 0100. "News, weather, traffic, sports, business, life...13-10 WIBA Madison" into CBS news. (RT-MN)

1310 KNOX ND Grand Forks. 3/20 1300. "Employee owned and operated, this is Talk Radio 13-10 KNOX Grand Forks" into Twins-Tigers spring training game. (RT-MN)

1310 KFKA CO Greeley. 3/20 2259. Up briefly with callsign ID in WIBA null, then gone. (RT-MN)

1310 KOKX IA Keokuk. 3/20 2300. Up briefly with callsign ID in WIBA null, then gone. May have re-surfaced an hour later with standards with KFKA callsign ID underneath. (RT-MN)

1320 KOZY MN Grand Rapids. 3/21 0806. "The ABC news was brought to you by [?] Auto Body in Grand Rapids", followed by "This is the KOZY news." (RT-MN)

1320 KELO SD Sioux Falls. 3/22 0000. "Talk Radio 13-20 KELO AM Sioux Falls" jingle. (RT-MN)

1330 WLOL MN Minneapolis. 3/22 0200. "This is Relevant Radio, AM 13-30 WLOL, Minneapolis-Saint Paul" into Catholic programming. (RT-MN)

1330 WHBL WI Sheboygan. 3/22 2005. "News Radio 13-30, WHBL" into local news and weather, under WLOL. (RT-MN)

1340 KROC MN Rochester. 3/19 0739. Very poor through WJYI's open carrier. Local news, calls. (JJR-WI)

1360 WSAI OH Cincinnati. 3/12 0740. Poor; Fox sports "on 1360 the Homer." Rare! (JJR-WI)

1370 WLLM IL Lincoln. 3/6 0730. Poor; local (Springfield) mentions and // WLJ (FM) ID at 0730. (JJR-WI)

1370 WGCL IN Bloomington. 3/6 0731. Very poor with clear FM (WTTS) ID by female into religious show. No AM ID heard. (JJR-WI)

1380 KLIZ MN Brainerd. 3/12 0738. Poor. "For SportsTalk it's 1380 KLIZ." Rare! (JJR-WI)

1380 WKJV NC Asheville. 3/13 0658. Poor although clear and alone, with calls repeated several times, local chatter. Southern gospel. NEW! (JJR-WI)

1380 KAGE MN Winona. 3/19 0737. Very poor. ID "K-G Country" and local ads. In with at least four others! (JJR-WI)

1390 WNIO OH Youngstown. 3/18 0710. Poor with WGRB nulled. Calls, weather, standards. (JJR-WI)

1400 KLIN NE Lincoln. 3/20 0303. Call letter ID, gal with weather forecast. Poor in muck. (JW-CO)

1450 KSKE CO Buena Vista. 3/12 0959. Usual 4-station Radio Colorado ID, then Paul Harvey. Needed this for a call change, ex-KDMN. KSKE's signal has a tough time getting over the mountains and is not common here. (JW-CO)

1450 KVML CA Sonora. 3/16 0400. Heard on overnight recording, "The Mother Lode's News Station", Call ID and COL into ABC News. In typical graveyard jumble, poor. New! (BL-CA)

1450 KTIP CA Porterville. 3/16 0900. Popped in at TOH on overnight recording. Heard just "...6 to 9 AM...K-T-I-P". Poor. New! (BL-CA)

1450 KZNU UT Saint George. 3/17 0206. Got call ID and slogan on overnight recording, which sounded like "K-Z-N-U, The call letters that spell Southern Utah's Top-10 News Authority. ?? News, 1450". They appear throughout the night's recordings. Poor. 338 miles, and new! (BL-CA)

1450 KZNU UT Saint George. 3/17 0859. Legal ID "Fox News 1450 KZNU Saint George, Washington, Ivins, Santa Clara, and Wilmington(?)"; Fox news at 0900; local ads afterward. Fair for a while before submerging back into the mire. (JW-CO)

1450 WCEV IL Cicero. 3/20 2259. Topping the channel with sign-off. WCEV calls noted at first, then mentions of "WVON" and "Chicago's Talk Station." (RD-NE)

1510 WDRF SC Woodruff. 3/20 1918. String of local ads with many mentions of Woodruff, including ad for unID funeral home with phone #476-3101 (Google match for Lanford Funeral Home in Woodruff SC) and at least three in a row for the Woodruff Church of God, 172 Poole St., 476-2977 (also matches on Google). Poor under WLAC on most antennas, but way atop when I switched to the 40m rotatable dipole. (DS-TN)

1520 KSIB IA Creston. 3/12 0859. Female announcer with area birthday announcements; then guy with call letter ID at 0901. Rough with blowtorch KOKC only partly nulled. Not common here; good post-sunrise skip this morning. (JW-CO)

1550 KKAD WA Vancouver. 3/11 0959. Out of Engelbert Humperdinck song with legal ID at 0959:55 "You're listening to the music...1550 KKAD Vancouver-Portland"; USA Radio news followed, I think, and soon lost. Not very strong and mixing with partially-nulled KUAZ. A new one here, WA #23. Heard poorly the next morning, too. (JW-CO)

1550 WIRV KY Irvine. 3/12 0303. Brief fade-up with legal ID, "This is the Tri-City Radio Network, 1340 WEKY Richmond, 1550 WIRV Irvine and 1500 WKXO Berea." Faded quickly. NEW; one of those rare occasions when the fade was in the DXer's favor! (Ed.-WI)

1590 KTCH NE Wayne. 3/15 0845. Polka music; area forecast at 0846, sponsored by a furniture store in Norfolk; area community calendar type announcements, then another polka at 0850. Fair but fadey, mixing with KVGB. (JW-CO)

1630 KKGM TX Fort Worth. 3/22 0100. Very good signal with "The Old Trailblazer" program, then into Southern Gospel music with announcer Paul Hughes. This is the first time I have heard them over usually dominant and much closer KKWY. (PG-CO)

DDXD-East



Editor this week only: Mike Brooker, filling in for Ginnie. Once more into the breach! (And thanks again, Mike -pls.)

REPORTERS

JB-NY Jerry Bond, Rochester - Hammarlund HQ-140-XA, 3 foot loop antenna
MKB-ON Mike Brooker, Toronto - Grundig YB-400PE, Panasonic RF-2200.
BC-NH Bruce Conti, Nashua - R8B, MWDX-5, 50/75/50-ft east and south Ewe antennas.
WCC-NC Bill Cooper, Leland - Homebrew two-circuit crystal set, 170' random antenna, Stromberg-Carlson sound-powered phones (Decktalkers).
WJH-MD Bill Harms, Elkridge - R8B, Homebrew K9AY, 300 foot longwire, Quantum Phaser
RJ-NC Russ Johnson, Lexington - Sony 2010, Palstar R30C, longwires
CK-OH Chuck Kaufman, Lebanon - Sony ICF-SW77, Sangean ATS-909
IEN-GA Ira Elbert New, III, Watkinsonville - 2002 Nissan Sentra GXE In-Dash Audio System CY310, Drake R8B 135' N/S Wire
DP-HI Dale Park, Honolulu - station news (see items below)
JR-NY Jim Renfrew, Byron - Drake R8B, beverages, Quantum Phaser

STATION NEWS

960 **WHYL PA** Carlisle - Per station website and "The Ed Schultz Show," station dropped its format of adult standards 2/14 and went talk (Schultz, Bill O'Reilly, Laura Ingraham, Larry King Live, etc.) **(DP-HI)**
 1240 **WSFC KY** Somerset - Adds "Kim Komando Komputer Show" per program 2/26; station slogan is "News Talk 12-40." **(DP-HI)**

TENTATIVE/UNID/PRESUMED

700 **WDMVt MD** Walkersville - 3/7 2210 - heard with the Greaseman show, thanks to many tips online. However, no ID heard, but I still have tape to replay. **(JR-NY)**
 970 _____ 3/9 1900 - Heard using slogan "Real Oldies for the H..... Valley." **(JLB-NY)**
 1030 **KTWOtWY** Casper - 3/1 1932 - Tim Ray Talk Show with a Mr. Gallagher substituting. Spoke about sports and memories. WBZ phase-nulled. Interference from Mexico and other co-channel stations (KCTA) **(WJH-MD)**

LOGGINGS

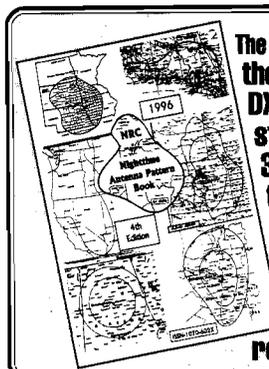
550 **WSVA VA** Harrisonburg - 3/10 1805 - Good; weather for the valley, ID, "This is Newsradio 550 WSVA," news tip and weather phone promos, and woman anchoring news. New. **(BC-NH)**
 600 **WSJS NC** Winston-Salem - 3/12 0630 - ID as "WSJS 600-1200," local ads, weather forecast, and "WSJS Yard Sale." Good with WCAO tightly nulled. **(WJH-MD)**
WVAR WV Richwood - 2/27 0659 - Full Sign on announcement by male announcer. Mentioned Real Country. Through a sharply nulled WCAO. **(WJH-MD)**
 610 **KDAL MN** Duluth - 3/18 1905 - Weak but steady in WTVN's null with "KDAL newsradio," references to St. Paul, Superior and snow going to hit to the south in Eau Claire. **(CK-OH)**
WVBE VA Roanoke - 3/9 1925 - R and B music and ID by male announcer "Vibe 100." Possibly heard TOH ID at 2000. Fair through nulled WIP. **(WJH-MD)**
WFNZ NC Charlotte - 2/23 1958 - UNC-Charlotte -v- Memphis State basketball game, "Sports Radio 610 AM, WFNZ" Ids, ads for Allstate insurance, D&R Body Shop, CIAA Cref, Outback Steakhouse and Jersey Mike's Subs. **(WCC-NC)**
 660 **WXIC OH** Waverly - 3/8 1839 - Gospel music. Good signal with slight fading, 25 over S9. "We're more than music, we're ministry. WXIC, Waverly, Ohio". **(IEN-GA)**
 690 **WELD WV** Fisher - 3/10 2000 - "...Valley Bank" ad with several West Virginia and Virginia locations, ID, "...basketball on WELD-FM Petersburg" and "...high school basketball right here at your local station, AM 690 and FM 101-7 WELD," over Anguilla with CINF nulled out. **(BC-NH)**
 700 **WDMV MD** Walkersville - 3/10 1815 - Good; sign-off with "God Bless America" male vocal, open carrier until 1820, over WLW. **(BC-NH)**
 710 **WEKC KY** Williamsburg - 3/10 1902 - TOH ID by a male announcer and ad for a music store at a local mall. Surprisingly strong. **(WJH-MD)**
 +++ 3/25 0745 - Gospel music weak and buried in the mix and morning static. Female with 1/4 hour drop. "... on WEKC". **(IEN-GA)**

730 **WPIT PA** Pittsburgh - 3/11 0701 - over CHWO-740 slop with "AM 73 WPIT Pittsburgh" jingle, followed by voice tagline "a service of Salem Communications", into World Missionary Evangelism program. **(MKB-ON)**
 760 **WCIS NC** Morganton - 3/10 1830 - Good; bluegrass/country gospel music, quick sign-off announcement with mention of frequency, "35-hundred watts" operating power, studio and transmitter location, through WJR fading in. New. Thanks to Bill Harms tip via mIRC #mwdx group. **(BC-NH)**
WCHP NY Champlain - 3/10 1802 - Been after this one for years. Finally heard ID by woman announcer in WJR semi-null. (They were hard to null probably due to multi-path reception.) **(WJH-MD)**
WVNE MA Leicester - 3/10 1845 - Good in WJR null; promo, "...here on 760 AM WVNE and 1230 AM WNEB," probably still on 3500 CH power rather than 1.5 watt night power. **(BC-NH)**
 770 **KUOM MN** Minneapolis - 3/18 1910-1916 - Very weak in WABC null with public radio interview, then sign-off, referring to 106.5 FM and other public radio frequencies. **(CK-OH)**
 780 **WTME ME** Rumford - 3/4 1700 - CNN Headline News, local ads, frequent IDs as "CNN 12-40". Heard a spot for a program on WTME and WKTQ. Fair with WABS phase-nulled. **(WJH-MD)**
 810 **WBIC GA** Royston - 3/17 1630 - Music worthy of Radio Disney. Local show for teens, but religious in nature. Unity was the topic of the day. Steady signal of decent strength. "810 AM, WBIC". **(IEN-GA)**
WGY NY Schenectady - 2/23 2150 - "810 WGY Weather Channel Forecast" ID and report, ads for "gold sales" and a restaurant on River St. in Troy and the Michael Savage show. **(WCC-NC)** While loggings of 50 kw bloutorches are usually not considered "DX", note that WCC is using a homebrew crystal radio! mkb.
 870 **WKAR MI** E. Lansing - 3/3 1820 - Heard with strong signal with weather, mention of WKAR-FM and WKAR.org. and then the program All Things Considered. **(JLB-NY)**
 890 **WKNV VA** Fairlawn - 3/18 1826 - creaming nulled WLS with country-gospel songs, "Joy 890" slogan, sign off announcement by woman: "Joy 890 AM, Fairlawn Southern Gospel ministry, now concludes another broadcast day". Off with no SSB. **(MKB-ON)**
 900 **WURD PA** Philadelphia - 3/4 1640 - Was one of my most wanted, reception difficult because of WILC. Popped in with ID. That was the only thing heard! **(WJH-MD)**
WBRV NY Boonville - 3/4 1640 - Surprisingly strong through phase-nulled WILC with ID by man as "on any of the programs on WBRV 900 are not necessarily ... staff and management." **(WJH-MD)**
WCPA PA Clearfield - 2/27 0725 - Weather, accident/traffic report, ID and discussion about a local commissioner being an elected position. Over the channel mess. WILC nulled. **(WJH-MD)**
 950 **KOEL IA** Oelwein - 3/14 1906 - over partially-nulled WROC/WIBX mix and WWJ with ID by woman at end of local weather: "that's a look at our forecast from AM 950 KOEL". **(MKB-ON)**
WVTS WV Charleston - 3/1 1803 - ID as "Supertalk 9-50 WVTS Charleston," ad for a local drugstore, and into Michael Savage. Over all. **(WJH-MD)**
 960 **KXIM MO** Cape Girardeau - 3/18 1739 - Steady with PSA for United Way of Southeast Missouri, "KXIM newstime," and weather (It was 55 degrees, nice). **(CK-OH)**
WATS PA Sayre - 3/7 1738 - Good signal in local WROC-950 null with local sports and promos on "The Choice." **(JLB-NY)**
 980 **WILK PA** Wilkes-Barre - 3/16 0659 - fighting usual London, ON and Washington, DC pests with ad for eHarmony.com, top of hour ID: "when you wake up you want to hear the news... your first choice for news is WILK, Scranton, Wilkes-Barre", into local news. **(MKB-ON)** See DDXD-E 72-06 for a WILK logging by Scott Fybus's baby daughter Ariel! mkb.
WHAW WV Weston - 2/27 0619 - Popped in with ID as "another oldie right around the corner, AM 9-80 WHAW." W/nulled WTEM. **(WJH-MD)**
 990 **WDEO MI** Ypsilanti - 2/26 0059 - Program Reviews including by male announcer as "...

- at 11 on WDEO 9-90 and WMAX 14-40. This was followed by a TOH ID by a woman as "Southeast Michigan, WDEO Ypsilanti." (WJH-MD)
- 1030 KCTA TX **Corpus Christi** - 3/1 1958 - Full Sign Off by male announcer. He swallowed the call letters so it was hard to pick out. Received help from Barry on #mwdx with the ID. Heard the same off with better reception on - 3/3. WBZ phase- nulled. (WJH-MD)
- 1040 WJTB OH **North Ridgeville** - 3/1 1833 - Full sign off over the channel mess. (WJH-MD)
- 1070 WIBC IN **Indianapolis** - 3/5 2110 - Indiana Pacers - Lakers basketball game, WIBC ID, ad for Wesleyan University. Difficult reception on the crystal set with this frequency so close to my local WAAV at 980 KHz. (WCC-NC)
- 1090 KAAV AR **Little Rock** - 2/27 2159 - Local spot, ID as "AM 10-90 KAAV Little Rock," into a new program. Amazingly easy through a phase-nulled WBAL (15 miles away). First time heard with WBAL on. (WJH-MD)
- 1100 WTWN VT **Wells River** - 3/3 1603 - Heard with religious program called Afternoon Praise. (JLB-NY)
- 1110 WBT NC **Charlotte** - 2/25 2118 - Select Quote, Oreck vacuum cleaners, Roadrunner Business Class, Gutter Helmet (w/phone no. 704-494-4066) and Polygrip/Polydent ads, WBT ID, Neal Boortz Show. (WCC-NC)
- 1220 CJUL ON **Cornwall** - 3/10 2140 - Good over CKSM with WHK phase nulled; ID, "Oldies 1220 The Jewel." (BC-NH)
- CKSM QC **Shawinigan** - 3/10 2150 - Faded up well over CJUL; *Radiomédia* network ID and sports talk in French parallel 730 CKAC. I thought *Radiomédia* was supposed to be dismantled under new ownership? (BC-NH) *Don't know the status of Radiomédia, but Shawinigan is the hometown of former Prime Minister Jean Chrétien.* mkb.
- 1230 WCBT NC **Roanoke Rapids** - 3/1 0500 - Popped in with TOH ID by male as "WCBT Roanoke Rapids" WITH phase-nulled. (WJH-MD)
- WCRO PA **Johnstown** - 2/28 0400 - TOH ID by male announcer as "WCRO Johnstown" into network news. Local station WITH phase-nulled. (WJH-MD)
- 1260 WNXT OH **Portsmouth** - 3/19 1820 - News about sports, heavy on the NCAA Basketball Tournament. Good, steady signal. "You're listening to AM 1260, WNXT...". (IEN-GA)
- 1290 WHKY NC **Hickory** - 2/27 1659 - Motor Racing Network program. ID during pause of coverage as "You are listening to NASCAR Racing on AM 12-90 WHKY Hickory." (WJH-MD)
- 1300 WMTM GA **Moultrie** - 3/8 1830 - ID including location into Network News. I was confused for a minute because I had WMTN earlier. Good in WJFK's tight null. (WJH-MD)
- WMTN TN **Morristown** - 3/5 1842 - Ad for a local pizza place, ID by announcer named Rusty Wallace as "You are listening to 13 hundred AM WMTN Cool (or Cruisin') Oldies WMTN Morristown ... The Big ..." Fair in WJFK's null. (WJH-MD)
- 1310 WTIK NC **Durham** - 2/25 2124 - ID by male announcer into possible black gospel song. Fair with the channel mix. (WJH-MD)
- WDOC KY **Prestonburg** - 3/11 0500 - TOH ID by male announcer as "WDOC Prestonburg, your home for the ... Solid Gospel for the new Christian ..." Through the channel mess. (WJH-MD)
- 1330 WVHI IN **Evansville** - 3/11 2320 - Family News in Focus health story. Decent signal with fading. "AM 1330, WVHI". (IEN-GA)
- 1350 WEZS NH **Laconia** - 3/3 1601 - Heard with many mentions of Laconia. (JLB-NY)
- 1360 WYOS NY **Binghamton** - 2/27 2107 - Shopping Smart Program and ID as "Talk Radio 13-60 WYOS Binghamton." Good over all. (WJH-MD)
- WWOW OH **Conneaut** - 3/3 1633 - Noted in local WXXI-1370 null with ID, "news radio 1360" slogan and promo for the Ed Jones Show. (JLB-NY)
- 1370 WELV NY **Ellenville** - 3/11 1753 - Heard weakly in local WXXI-1370 null with what sounded like a fund raising program for St. Jude's. (JLB-NY)
- 1390 WHMA AL **Anniston** - 3/22 0745 - Local news and weather and mentions of news in nearby Oxford, Alabama. Decent signal with fading. "Newstalk 1390, WHMA" (IEN-GA)

- WEPG ME **Presque Isle** - 3/14 1930 - during some dead air on WFBL I heard a WEPG Red Sox baseball promo, new. (JR-NY)
- +++ 3/3 1705 - In strong with many WEPG and WREM-710 ID's and weather during excellent conditions to the New England area. (JLB-NY)
- WVAA VT **Burlington** - 3/3 1557 - Heard with country and western and using the slogan "real country - 13-90 WVAA." (JLB-NY)
- 1400 WAMC NY **Albany** - 3/7 1704 - Heard with NPR and ID. (JLB-NY)
- WHMP MA **Northampton** - 3/4 1534 - In nicely over the mess with weather, ID and then news on "Pioneer News Radio." (JLB-NY)
- WPCE VA **Portsmouth** - 3/11 1804 - was able to copy "1400 WPCE" in the jumble. (RJ-NC)
- WVRC WV **Spencer** - 3/7 0600 - "Gospel 1400 Radio WVRC Spencer." (RJ-NC)
- 1430 WPNI MA **Amherst** - 3/1 0819 - NPR Morning Edition, spots for Prairie Home Companion and other NPR programs, ID by man as "The World on WPNI Amherst." Good through phase-nulled local WNAV. (WJH-MD)
- +++ 3/3 1600 - Heard with NPR news and using slogan "AM 1430". (JLB-NY)
- 1460 WHIC NY **Rochester** - 2/25 1659 - Classical music program called "Hour of Divine Music," ID by male, then TOH ID by female announcer as "your place for (Catholic) spirituality, 14-60 AM WHIC Rochester, the Station of the Cross." This was followed by another program. Good o/all. (WJH-MD)
- 1480 WNBX VT **Springfield** - 3/3 1702 - In very strong with oldies and using slogan "your real oldies station- WNBX." (JLB-NY)
- 1490 WRLA GA **West Point** - 3/20 0500 - "Welcome to your home for ... favorites. Memories 1490, WRLA West Point." (RJ-NC)
- 1500 WLQV MI **Detroit** - 2/25 2359 - Heard bits and pieces of the Dave Ramsey Show from 2315 and finally a positive ID at 2359:30 by a male announcer. Poor to fair under a sharply nulled WTOP with is 19 miles away from here. (WJH-MD)
- KSTP MN **St. Paul** - 3/1 1905 - Local ads, quick swallowed ID by man at 1905:30, another local ad, and ID at 1906 by man "Sean Hannity ... KSTP", and then the Sean Hannity Theme "Let Freedom Ring." Under a tightly nulled WTOP. 1500 #4. (WJH-MD)
- 1510 CKOT ON **Tillsonburg** - 3/4 1200 - In nicely during good daytime conditions with weather, a tobacco industry report, and then country and western. (JLB-NY)
- 1530 WLLQ NC **Chapel Hill** - 3/5 1828 - Full sign off by man, mentioned WLLQ 1530, WRTG 1000, and 1060 WGSB. Over nulled KYW. (WJH-MD)
- 1540 WGIP NH **Exeter** - 3/17 1725 - Heard with a local talk show and a guest discussing school budgets. (JLB-NY)
- WTBI SC **Pickens** - 3/12 1807 - "This is Brother ?? playing music for you until midnight on the brightest spot on the dial, WTBI." (RJ-NC)
- 1550 WXHL MD **Elkton** - 3/6 1800 - In the clear with mention of WXHL.com and then religious music. (JLB-NY)
- 1560 WAGL SC **Lancaster** - 3/25 1735 - Oldies. Signal was 35 over S9 with slight fading and static. "This is The Music of Your Life on 50,000 Watt WAGL, Lancaster". (IEN-GA)
- 1570 WWSZ IN **New Albany** - 3/23 2339 - new with these calls, "Sports Zone WSZ 1570 and 1600" slogan, ad for a physical therapy center in Shelbyville, ESPN programming. Has been in several nights, but I couldn't figure out what Shelbyville was being referred to. The phone number I heard tonight clinched it. (JR-NY)
- 1580 WLIJ TN **Shelbyville** - 3/22 0756 - Sports news buried in the mix competing with gospel and bluegrass (Rocky Top). "...sports on WLIJ". (IEN-GA)
- WXRA KY **Georgetown** - 3/22 0800 - Bluegrass buried in the mix competing with gospel and sports. "...Bluegrass on AM 1580 WXRA, Georgetown". (IEN-GA)
- WILA VA **Danville** - 3/9 1830 - All alone with formal s/off. (JLB-NY)
- 1590 WQCH GA **Lafayette** - 3/22 1700 - Country music, TOH ID and then into news. Decent signal with fading & problems with powerlines as I passed them. "This is Q Country, WQCH, Lafayette". (IEN-GA)

- WKTP TN Jonesborough - 3/19 0040 - "Volare" and other great tunes. Weak and fading in the slop. "The WKTP Radio Network, The Music of Your Life". (IEN-GA)
- WKHZ MD Ocean City - 2/28 1544 Spot for what sounded like Ocean City Dog House and a local gym. Information about a local church, ID as "KHZ Radio," and local weather. First time heard with new calls. Fair through phase-nulled WFBR. Only one MD station left - WMSG 1050. (WJH-MD)
- 1600 WTSZ KY Eminence - 3/11 2000 - Sports news from around the nation and then Kentucky High School basketball. Decent signal with slight fading. "Louisville's ESPN Radio, WTSZ". (IEN-GA)



The NRC Nighttime Antenna Pattern Book, 5th Edition is the perfect mate to the NRC AM Log, as the NPB provides DX'ers with up-to-date maps of all (except Class IV) stations with nighttime operations. Convenient to use: 3-hole punched for standard binders. Still only \$16.95 to U. S. and Canadian members; \$22.95 to U. S. and Canadian non-NRC members. Airmail to members in Europe (except Italy): \$29.00. All others, please contact us for exact pricing. Order from: NRC Publications - Box 184 - Mannsville, NY 13881 (NY residents, please add sales tax)

The NRC AM Radio Log, 25th Edition, including cross-referenced listings from 530-1700 khz., is compiled from both listeners' reports and official sources, making it the most accurate listing of U. S. and Canadian AM stations available. Unbound, three-hole punched for standard binders. \$19.95 to U. S. members; \$25.95 to U. S. non-NRC members; to Canadian members, \$23.00 (\$29.00 to non-NRC members). Airmail to members in western Europe (except Italy) and Australia, New Zealand, and Japan: \$29.00. All others contact us for exact prices. Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax).

(Continued from page one)

Haze Dr. - Naples, FL 34109-1504 will send you, for the cost of mailing, DXN volumes 68-71 and issues 24-30 of volume 67.

Publication ... The Medium Wave Circle has announced the release of its latest archive CD, which includes more than 100 audio clips of DX catches heard in the UK, mostly on beverage aerials, plus audio from numerous other stations including the 1960's offshore pirates Radios City and London. There are also various video clips, 25+ useful maps, station lists such as the Pacific Asian list, the EuroAfrican list, etc. Also included are 24 receiver manuals and 50+ receiver reviews from Radio Netherlands. Included for the first time are the 4 MWC All Time DX Lists of MW stations heard in the UK since 1953. There are more than 2000 stations listed from all around the world. In addition to all the above, there are also 10 issues of the magazine *Medium Wave News* in PDF format from April 2002 - March 2003, plus 10 issues from April 2004 - March 2005. The cost is £5 in the UK, 10 Euros to Europe and US \$11 anywhere else in the world, postpaid. Order from MWC - 59 Moat Lane - Luton LU3 1UU, England. Alternatively, they accept PayPal payments from outside the UK. The payment should be sent to <contact@mwcircle.org>. Questions? E-mail them to <treasurer@mwcircle.org>.

Kulpsville '05 ... Mark your calendars for the 2005 NRC convention in Kulpsville, PA, September 3-5. The registration price is tentatively set at \$35 (\$20 without the banquet) and room prices at \$75 per night at the Best Western at Kulpsville, the same place as the ANARC Winterfest. One change is that the banquet will be held Sunday evening instead of the usual Saturday evening.

International DX Digest

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

The *Pacific Asian Log* (PAL) compiled by Bruce Portzer N7ECJ has moved to the New Zealand *Radio Heritage Foundation* website at www.radioheritage.net. "The original PAL was created there in the 1950's by the late Merv Branks, and this brings PAL back to its homeland roots," said Portzer in the March edition of the *New Zealand DX Times*. *Radio Heritage Foundation* Chairman David Ricquish welcomed the new partnership with PAL; "Merv Branks was one of my mentors in the DX hobby, so it's really special to honor his original creation of PAL by having it back home in New Zealand after almost 40 years - this time as part of a global monitoring collaboration headed up by Bruce in Seattle."

Say it isn't so! The Drake R8B general coverage communications receiver is discontinued. Tom Walsh K1TW of Boston Area DXers called the R.L. Drake Company; "A very sympathetic Drake sales person explained the decision was based on economics. As I understand it, the decision to discontinue is based on several factors. (1) The supply of parts used in the current design has dwindled to where Drake can no longer sustain new production. (2) Therefore, in order to maintain the R8 in their line, they would have had to redesign a significant part of the radio because of a shortage of parts for the older design. The engineering costs are too high to do that. (3) The demand for HF shortwave receivers has fallen. I felt the person I talked with at Drake was as sad as I that this day had arrived. He understood this is still one of the finest receivers in the market at this price."

Remember, on April 3rd most of us spring ahead to daylight savings time. UTC = EDT + 4.

Transatlantic DX

- 162 FRANCE *France Inter*, Allouis MAR 19 0055 - Male speaking French. Steady, decent signal, s4. [New-GA]
- 171 MOROCCO *Medi 1*, Nador MAR 19 0050 - "Copacabana" by Barry Manilow and then a female speaking Spanish and more music. Weak, but steady s5. [New-GA]
- 189 ICELAND *Ríkisútvarpið*, Gufuskálar MAR 24 0114 - Singing (checked here as Norway was a strong s8 on 1314 kHz). [Perkins-NJ]
- 198 UNITED KINGDOM *BBC Droitwich* et al. FEB 28 0625 - Talk under the beacons parallel 6195 kHz. [Perkins-NJ]
- 216 FRANCE *RMC Roumoules* MAR 24 0504 - Good over beacon. Woman in French. [Dangerfield-PA]
- 549 ALGERIA *Alger Chaîne 1*, Les Trembles MAR 21 0500 - North African music, time pips and announcement. [Perkins-NJ]
- 549 GERMANY *DLF synchros* MAR 19 0305 - Fair; man and woman in German, opera music, parallel 756, 1422, and 6190 kHz. [Conti-NH]
- 558 SPAIN *RNE synchros* MAR 19 0320 - Good; discussion and music parallel 684 and 855 kHz. [Conti-NH]
- 567 IRELAND *RTÉ Radio 1*, Tullamore MAR 19 0330 - Good; news/talk parallel 252 kHz. [Conti-NH]
- 585 SPAIN *RNE1 Madrid* MAR 6 0512-0519 - Fair; discussion between two men in Spanish. [DeLorenzo-MA]
- 684 SPAIN *RNE1 Sevilla* MAR 19 0415 - Presumed; loudest het noted last night, in fact loudest het from this station in a long time, strong enough to produce some unintelligible muddy, low-level audio on the Sony portable. Also noted hets on 549, 585, 774, but not on 621 or 711. [Stewart-MO]
- 693 ENGLAND *BBC Radio 5 synchros* MAR 6 0500 - Fair; ID, "This is BBC Radio. Good morning, it's five o'clock," then lost to splatter from 690 CINF. [DeLorenzo-MA]
- 711 FRANCE *France Info*, Rennes MAR 19 0200 - Woman in French with news, then music parallel 1206; fair through splatter from 710 *R.Rebelde* Cuba with WOR New York nulled. [Conti-NH]
- 747 NETHERLANDS *Radio 747AM*, Flevoland MAR 19 0025 - Good; man in Dutch, over RNE Canaries/Spain. [Conti-NH] MAR 22 0112 - Men's chorus; fair. [Connelly-MA]
- 756 SPAIN *R.Euskadi*, Bilbao MAR 19 0315 - Fair, fading up over DLF Germany; teletalk in Spanish. [Conti-NH]
- 765 SWITZERLAND *RSR Sottens* MAR 19 0010 -

radiofarda

- Good; light French vocal. [Conti-NH] MAR 20 0012 - "Delilah" by Tom Jones; fair. [Connelly-MA]
- 774 **SPAIN** *RNE1* synchros MAR 19 0000 - Loud and clear over Egypt; time pips marking top of the hour, fanfare with *Radio Uno* network ID into informativas news, listenable at 4 kHz bandwidth without interference. [Conti-NH] MAR 20 0436 - Woman in Spanish mentioned politics; fair. [Connelly-MA]
- 783 **MAURITANIA** *R.Mauritanie*, Nouakchott MAR 11 0100 - Parallel 4845 with Afro-Arabic female vocal, then Arabic talk by man; poor to fair. [Connelly-MA] MAR 19 0105 - Good; sign off with anthem parallel 4845 kHz. [Conti-NH] MAR 24 0115 - Parallel 4845 kHz. [Perkins-NJ]
- 792 **FRANCE** *France Info*, Limoges MAR 20 0025 - Parallel 1206 with French rock; good. [Connelly-MA]
- 792 **SPAIN** *SER* Sevilla MAR 19 0100 - Good; instrumental music leading to top of the hour news in Spanish, parallel 837 kHz. [Conti-NH]
- 837 **FRANCE** *France Info*, Nancy MAR 20 0032 - Woman in French; fair. [Connelly-MA]
- 855 **SPAIN** *RNE* synchros MAR 19 0345 - Excellent! Loud and clear talk in Spanish, top of the hour "Radio Nacional de España, informativas" with fanfare into news. [Conti-NH]
- 864 **FRANCE** *France Bleu*, Paris MAR 19 0410 - Excellent! Jingle, light French and English pop music. [Conti-NH] MAR 22 0154 - French vocal; fair. At 0212, "I'm Not in Love" by 10cc from 1975. [Connelly-MA]
- 873 **SPAIN** *SER* synchros MAR 12 0320 - Good; teletalk. [Conti-NH] MAR 20 0543 - Spanish newstalk; poor to fair. [Connelly-MA]
- 882 **CANARY ISLANDS // SPAIN** *COPE* synchros MAR 19 0040 - Good; discussion in Spanish over unID music presumed from *BBC R.Wales*. [Conti-NH]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford MAR 12 0150 - Good; feature story about China, parallel 198 and 5975 *BBC World Service*, still strong and parallel 5975 at 0315 recheck, but 198 disappeared replaced by DIW beacon. + MAR 25 0045 - Fair to good; local program of light instrumental music, after 0100 parallel 5975 *BBC World Service*. [Conti-NH]
- 999 **SPAIN** *COPE* Madrid MAR 11 0113 - Advert with radio drama "soap opera" type dialogue; good. + MAR 19 0432 - Man in Spanish talking about an event occurring in May; good. [Connelly-MA] MAR 12 0055 - Fair; teletalk, strong het against 1000 WMVP. [Conti-NH]
- 1008 **CANARY ISLANDS** *R.Punto*, Las Palmas MAR 16 0213 - Very clear with romantic ballads, a female vocalist, and IDs by a man in Spanish. No sign of Netherlands. [Dangerfield-PA]
- 1044 **SPAIN** *SER* synchros MAR 11 0356 - Man and woman in Spanish, Cadena *SER* mention; good. [Connelly-MA]
- 1089 **UNITED KINGDOM** *TalkSport* synchros FEB 24 0309 - Probably an interview, 0417 woman announced a sport website. [Perkins-NJ] MAR 19 0433 - Good; "You're on *TalkSport*" into phone call. [Conti-NH] MAR 21 0418 - Sports talk; fair in *WBAL* slop. [Connelly-MA]
- 1107 **SPAIN** *RNE5* synchros MAR 19 0422 - Spanish newstalk; fair. [Connelly-MA]
- 1134 **CROATIA** *Glas Hrvatske*, Zadar MAR 21 0416 - Slavic talk by man and woman; through *WBBR* slop. [Connelly-MA]
- 1143 **SPAIN** *COPE* synchros MAR 24 0505 - Man in Spanish parallel 1296 kHz. [Perkins-NJ]
- 1152 **SPAIN** *RNE5* synchros MAR 25 0455 - Fair; man and woman in Spanish. [Conti-NH]
- 1169 **IRAN** *IRIB Sarasary*, Semnan MAR 5 0045-0128 - Fair and steady in peaks; a very serious man in presumed Farsi and male a cappella religious chanting. Very little splatter from phase-nulled 1170 WWVA. Country #92 heard. [DeLorenzo-MA] MAR 12 0050 - Fair; man in Farsi and music parallel 1503 kHz. [Conti-NH] MAR 20 0038 - Talk by man in presumed Farsi; fair. [Connelly-MA]
- 1171 unID (possibly Iran moving around?) MAR 22 0150 - Het on high side of WWVA, *R.Farda*, Colombia jumble. [Connelly-MA]
- 1179 **ROMANIA** *România Actualitatea*, Galbeni-Bacau et al. MAR 20 0113 - Dominating over usual Spain-Canaries: Romanian talk (that sounded somewhat like Portuguese with a bit of Slovenian mixed in), many pop instrumentals and vocals including "Fields of Gold" by Sting. Not much 1180 slop. It took a while to figure this out, but eventually finding it and an 855 parallel on a German DX Tuners receiver solved it. Interestingly the Waterford, Ireland DX Tuner hardly had a trace of this: *SER* Spain dominated 1179 and *RNE* Spain topped 855 (as they typically do here as well). [Connelly-MA]
- 1179 **SWEDEN** *R.Sweden International*, Sölvesborg FEB 24 0348 - Man and woman, strong and clear in Swedish. [Perkins-NJ] MAR 4 2245-2300 - Fair; news or commentary by a man in English; viscous het against 1180 WHAM. [DeLorenzo-MA]
- 1179 **CANARY ISLANDS // SPAIN** *SER* synchros MAR 4 2251 - Fair battling Sweden with

- woman in Spanish giving news report from the field via telephone. [DeLorenzo-MA]
- 1206 **FRANCE** *France Info*, Bordeaux MAR 12 0047 - Good; nostalgic vocal. [Conti-NH] MAR 20 0025 - Parallel 792 with French rock music; good. + MAR 21 0410 - French in-studio talk and phone interview; good. [Connelly-MA]
- 1215 **SPAIN** *COPE* synchros MAR 19 0215 - Good; teletalk over *Virgin Radio*. [Conti-NH]
- 1215 **UNITED KINGDOM** *Virgin R.* synchros MAR 20 0124 - Donovan song, then *Virgin Radio* ID. [Connelly-MA]
- 1224 **SPAIN** *COPE* synchros MAR 19 0220 - Good; teletalk parallel 1215 kHz. [Conti-NH]
- 1296 **SPAIN** *COPE* Valencia MAR 11 0042 - Spanish discussion; fair. [Connelly-MA] MAR 24 0443, 0505 - Spanish talk parallel 1143 kHz. [Perkins-NJ]
- 1314 **NORWAY** *NRK Kvitsøy* MAR 22 0146 - End of country song, then man in Norwegian spoke over a jazz piano background; fair to good. [Connelly-MA] MAR 24 0112 - Man in Norse. [Perkins-NJ]
- 1359 **SPAIN** *RNE* Arganda del Rey MAR 21 0407 - Fast-talk Spanish news by man; fair. [Connelly-MA]
- 1404 **GREECE** *ERA* Komotini MAR 25 0355 - Good; Mediterranean music parallel 1494 kHz. [Conti-NH]
- 1422 **GERMANY** *DLF* Heusweiler MAR 24 0452 - Good, with man in German. [Dangerfield-PA]
- 1467 **FRANCE** *TWR* Roumoules MAR 24 0445 - In strong with interval signal and music, then religious music with orchestra and chorale group. [Dangerfield-PA]
- 1494 **GREECE** *ERA* Rhodes MAR 25 0350 - Loud and clear! Mediterranean-influenced vocals parallel an almost as strong 1512 kHz signal on transmitter site dawn enhancement, quickly fading toward 0415. Also parallel 7475 and 9420 kHz. [Conti-NH]
- 1503 **IRAN** *IRIB Sarasary*, Bushehr MAR 5 0133-0144 - Fair; emotional male a cappella religious chanting through 1500 *WTOP* splatter. [DeLorenzo-MA] MAR 12 0040 - Good; man in echoey Farsi. [Conti-NH]
- 1503 **SPAIN** *RNE* synchros MAR 24 0352 - Clear with two men in Spanish. No sign of the Iranian often heard here. [Dangerfield-PA] MAR 25 0430 - Good and gaining signal strength over an unID music station; talk in Spanish. [Conti-NH]
- 1512 **GREECE** *ERA* Chania, Crete MAR 24 0339 - Fair, with Greek pop ballads and female vocals. I had verified this five years ago with similar songs. Then it was also parallel to 1386 kHz. [Dangerfield-PA] MAR 25 0345 - Good; first noted here with unusual music before hunting down 1404 and 1494 parallels for positive ID. [Conti-NH]
- 1521 **SAUDI ARABIA** *BSKSA* Duba MAR 17 2255 - Excellent! Middle Eastern music parallel 9555 and 9870 kHz. Shortwaves signed off at 2300, mediumwave continued with an additional announcement until 2302. [Conti-NH] MAR 17 2301 - Sign-off: Arabic ID and carrier drop as usual. + MAR 21 0156 - Carrier came on (as usual), but remained silent until about 0258 with sign-on announcements. [Perkins-NJ] MAR 20 0427 - Arabic talk by man; still good at this late time. [Connelly-MA]
- 1521 **SPAIN** *SER* Castellón MAR 24 0421 - Fair with Spanish phone-talk. [Dangerfield-PA]
- 1530 **SAO TOME E PRINCIPE** *VOA Pinheira* MAR 12 0350 - Poor in *WCKY* null; distinctive African music parallel 7290 kHz. Conditions somewhat auroral with Cuba dominating many frequencies. [Conti-NH]
- 1530 **VATICAN** *R.Vaticana*, Vatican City MAR 19 0410 - Piano music, then Vatican interval signal (celeste or harp); talk followed; slightly under *WCKY*. [Connelly-MA] MAR 19 0510 - Man speaking in monotone, parallel 4005, 5885 and 7250 kHz, 0520 interval signal clear through *WCKY* null and unID test tones. [Conti-NH] MAR 24 0434 - Very clear under *WCKY* and at times equal with man in Slovakian until 0439 when there were chimes followed by the Vatican interval signal. [Dangerfield-PA]
- 1548 **KUWAIT** *R.Sawa*, Kabd-Kuwait City MAR 15 0051 - Pop Arabic string and vocal music; bouncy fading. [Connelly-MA] MAR 21 0202 - Slow-dance music, later Arabic talk. [Perkins-NJ] MAR 25 0235 - Fair; Middle Eastern pop music, loud het against 1550 CBE and unIDs. [Conti-NH]
- 1557 **FRANCE** *France Info*, Fontbonne MAR 19 0412 - Woman in French; fair through *WQEW* slop. + MAR 21 0401 - French news by woman; good. [Connelly-MA]
- 1575 **UNITED ARAB EMIRATES** *R.Farda*, Al Dhabiya MAR 16 0118 - Good signal. Pop songs by female vocalist, news in Farsi by two men, then back to the music. Parallel to 9585 kHz. [Dangerfield-PA] MAR 25 0225 - Fair over/under *SER* Spain; Arabic pop vocal parallel 9585 kHz. [Conti-NH]
- 1584 **CEUTA** *RadiOlé*, Ceuta MAR 18 2330 - Good; typical Mediterranean-influenced pop vocal. [Conti-NH]

- 1593 **KUWAIT** *R.Free Iraq*, Kuwait City MAR 25 0315 - Good; fast-tempo Middle Eastern music, telephone talk in Arabic. [Conti-NH]
 1602 **SPAIN** *R.Vitoria*, Vitoria MAR 25 0330 - Good; presumed with music not parallel *SER* network. [Conti-NH]

Ben speaks: Had a TA opening of sorts on March 16 when I had good logs from 1575 *R.Farda*, 1548 *R.Sawa*, and 1008 *R.Punto*, but March 24 brought one of those great high band openings. 1557 and 1467 France were in like locals (almost) and 1530 Vatican was just under and often equal to WCKY. I was surprised to run into 1512 Crete, one that I logged and verified a few years ago. Germany was in on 1539 and 1422 and Spain on a number of frequencies including 1359, 1503, 1521, 1575 and 1602 kHz. 1314 Norway too, but not up to its usual strength. And I worked on an 1179 signal that I couldn't quite separate. I know Mark Connelly got Romania on 1179 (and I did too on DXtuners) but tonight's was difficult, I think Spain most likely.

Received an e-mail confirmation of my reception report from October 2004 for 1431 *R.Sawa*, Djibouti. I had previously sent a letter that they didn't answer. I used the e-mail address in WRTH and they answered me right away and said that they didn't as yet have QSL cards. Country 129. I have tried e-mailing 1575 *R.Farda* via the address in WRTH but it bounced. Then I went into Google and got another e-mail address which my server tried for five days to deliver but failed. I also went to the website and filed a report in the comments section but so far nothing back. So in 12 days we're off to Peru, Brazil and the Amazon River. I'll tell about it in April.

Pan-American DX

- 540 **NICARAGUA** *R.Corporación*, Managua MAR 19 0405 - Slow, declamatory talk by man in Spanish, numerous mentions of *R.Corporación* and Managua, and a reference to "la iglesia catolica de (or en) Nicaragua." This is a couple hundred Hz high, of course, but the Sony only tunes in 1 kHz increments so I couldn't measure the exact frequency. It puts a low grumbly het on 540 nearly every night, but rarely produces clean audio. AM-mode listening was still a mess, USB tuning was necessary. [Stewart-MO]
 600 **CUBA** *R.Rebelde*, Urbano Noris FEB 27 0130 - Network ID during ballgame. Parallel 5025. No interference. [Perkins-NJ]
 610 **CUBA** *R.Rebelde*, Bahía Honda MAR 12 0415 - Fair over/under WIP with WGIR nulled out; Toto's "Africa" parallel 550, 560, 600, 620, 670, 710, and 5025 kHz. [Conti-NH]
 670 **CUBA** *R.Rebelde*, Arroyo Arenas FEB 27 0131 - Ballgame parallel 600 kHz. [Perkins-NJ]
 820 **CUBA** *R.Reloj*, unknown site FEB 27 0130 - Weak Morse "RR" under local WNYC. [Perkins-NJ]
 850 **CUBA** *R.Reloj*, Nueva Gerona FEB 27 0110 - News with time tics, a beep and "RR" in Morse. [Perkins-NJ]
 860 **CUBA** *R.Reloj*, Baracoa FEB 27 0109 - News with time tics, a beep and "RR" in Morse. [Perkins-NJ]
 870 **CUBA** *R.Reloj*, Sancti Spiritus FEB 27 0112 - News with time tics, a beep and "RR" in Morse. [Perkins-NJ]
 880 **CUBA** *R.Progreso*, Pinar del Río MAR 12 0313 - Fair, over/under WCBS; female vocalist with piano accompaniment, parallel 890 kHz. [Conti-NH]
 890 **CUBA** *R.Progreso*, Chambas FEB 27 0136 - ID and Cuban music. [Perkins-NJ] MAR 12 0310 - Good; female vocalist with piano accompaniment, parallel 640 and 942 kHz. [Conti-NH]
 909 unID FEB 27 0142 - Wobbling carrier heard for two minutes then gone. Same time that many strong Cubans were heard. [Perkins-NJ]
 930 **CUBA** *R.Reloj*, multiple sites MAR 12 0125 - "Wobbling" well over *Newsradio* 930 WBEN Buffalo and unID domestics. [Conti-NH]
 942 **CUBA** *R.Progreso*, Sancti Spiritus FEB 27 0115 - Off-frequency carrier, gone by 0143. [Perkins-NJ] MAR 12 0115 - Good; romantic vocal parallel 640 kHz. Nominal 940 listed as Sancti Spiritus, if not a spur from another frequency. [Conti-NH]
 1540 **BAHAMAS** ZNS1 Nassau MAR 18 - Mixed with WDCD, CHIN, and KXEL, the frequency sounds like a graveyard. [Kitze-NH]
 1570 **MEXICO** XERF Ciudad Acuña MAR 23 0600 - Nice atop a crowded channel with Mexico's national anthem, then call letters mentioned twice, slogan seemed to be something different from "La Poderosa" as previously heard. [Renfrew-NY]
 1620 **US VIRGIN ISLANDS** WDHP Frederiksted MAR 12 0224 - Good; broadcasting from a live music venue, ID during break, "WDHP 1620 AM, the Caribbean Powerhouse, all eastern Caribbean" with Internet address, UTC-4 time check, "24 minutes past the hour of ten o'clock." [Conti-NH]

Contributors

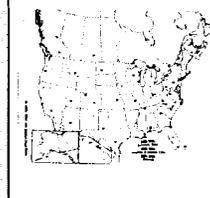
- Mark Connelly WA1ION, Billerica MA; Drake R8A, Palstar R30, DXP-3 phasing unit, dual-feedline Flag; 5 x 10.6 m. <MarkWA1ION@aol.com>
 Bruce Conti, Nashua NH; R8B, MWDX-5, 15/23/15-m Ewe antennas east and south.
 Ben Dangerfield, Wallingford PA; R8A, DXP-3A phaser, four slopers, Kiwa backup loop. <ben-dangerfield@verizon.net>
 Marc DeLorenzo, South Dennis MA; JRC NRD-525, Mini-DXP3 phasing unit, noise-reduced broadband loop and vertical.
 Jeff Kitze, Concord NH; Sony Walkman.
 Ira Elbert New III, Watkinsville GA. <ien3@hotmail.com>
 Wells Perkins, Scotch Plains NJ; Watkins-Johnson HF1000, 365-ft non-terminated northeast Beverage. <swl_ka2hpu@hotmail.com>
 Jim Renfrew, Byron NY; Drake R8B, Quantum Phaser, Beverages.
 Randy Stewart, Battlefield MO; Sony ICF-SW7600GR. <jrs555t@smsu.edu>

International News

- COLOMBIA:** 1520 HJLI *Vida AM Música*, Santafé de Bogotá, ex-*Estación Latina*, ex-*Ecos del Palmar*. Format religion, belongs to "Vida Colombia." Slogan, "La radio que llena tu vida." [Rafael Rodríguez, *ARC LA News Desk*]
FRANCE: *RMC Info* has started on 1485 kHz in Brest (1 kW). It was reported in the French newsgroup radio (fr.rec.radio) that the station started around the 16th of February. [Thierry Vignaud via Bengt Ericson, *ARC Information Desk*]
GREENLAND: 570.06 KNR Nuuk parallel 243 and 650 kHz (Andrea Lawendel and Renato Bruni, Faiallo DXpedition in Oulu, Finland), and 3815 USB (Jan Edh, Sweden *SW Bulletin*). So look out for that 60 Hz het on 570.00 stations as tipoff. [Glenn Hauser, *DX Listening Digest*]
NIGERIA: The Abuja *Daily Trust* reports a new station on 747 kHz; "Since Nagarta Radio started test transmission it has made significant impact on information dissemination in its area of coverage which includes the 19 northern states. Listeners have testified that its signals are received in Niger Republic, Cameroon and Chad beyond the country's borders and as far south as Lagos and River States within. The private radio station has a digital 60 kW transmitter which is received on 747 kHz on the medium wave band." Full story at <http://allafrica.com/stories/200503090709.html>. [Andy Sennitt, dxldyg via *DX Listening Digest*]
OMAN: 702 BBC is scheduled 1500-0200, the beam is 315 degrees. 1413 BBC is scheduled 0030-0400, 1300-2100 and is using three different beams: 35, 80 and 350 degrees (VT-Comm via Andreas Volk-D, ADDX March 6, 2005 via BCDX). [ARC Information Desk]
ROMANIA: 855 Tâncăbesti transmitter seems to have been replaced by a new 400 kW Harris unit, meaning a considerable power decrease. The signal is much weaker now than it used to be. The frequency is several Hz high, creating a disturbing sub-audible heterodyne with Germany and Spain. [Olle Alm, Kai Ludwig, power according to a Harris press release, *ARC Information Desk*]
UNITED ARAB EMIRATES: 1314 BBC via Dhabbaya scheduled 24 h. Beams used are 46 and 316 degrees (VT-Comm via Andreas Volk-D, ADDX March 6, 2005 via BCDX). 1557 *R.Asia* from Ras al Khaimah moved to this frequency when *R.Farda* took to the air on 1575 (various reports). 1575 *R.Farda*, Al Dhabiya, 400 kW at 54E15 24N11, moderately directional to the north (ITU GE75/112). [ARC Information Desk]
ZIMBABWE: Clandestine, *SW Radio Africa*, from their website www.swradioafrica.com, "MW and SW broadcasts in the morning, 5-7 a.m. Zimbabwe time (0300-0500 UTC) MW on 1197 kHz, SW on 3230 kHz in the 90 m.b." [Jerry Berg, BADX]
 73 and Good DX!

AM Station Location Maps

7th edition - \$13.00 to members (\$18.95 non-members), ppd.
 Compiled by Bill Hale, this must-have companion to the *AM Radio Log* and *Nighttime Pattern Book* shows the location of all U. S. and Canadian broadcast stations (except TIS/LPRT) as well as latitude/longitude coordinates, plus instructions by Dave Sundius enabling users to calculate distance and bearing to any station. This book is three-hole punched for a letter-size ring binder. Order from NRC Publications - Box 164 - Mannsville, NY 13661. NY residents, please add sales tax.



Professional Sports Networks

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Chicago, IL 60643-2409
Network listings for team sports stations

Here is Major League Baseball (MLB) flagship information for the 2005 season from the Internet via Ken Onyschuk. I have updated Ken's data from my own web surfing. I am not sure that all of the foreign language broadcasts are listed here. Most of the team lists are accessible at <http://www.mlb.com>, where you click on "Schedule" in the bar on the page. Then you click on "Radio Affiliates" (or a similar hyperlink). I could only locate one Spanish Language network, so I have listed the other Spanish language stations along with the English language networks. But some of these Spanish language stations may be part of networks.

I could not locate network lists for these teams: Baltimore Orioles, New York Mets, San Diego Padres, Tampa Bay Devil Rays, and the Washington Nationals. There was a list online for the Houston Astros, but it was the 2004 season list. If you find any of these lists, please send me the URL(s).

Again this season, all of the Internet broadcast streaming is controlled by mlb.com (accessible for a fee), so if your local station streams on the Internet, that streaming has to stop when a MLB game is being broadcast.

I can begin collecting information on the various Minor League Baseball team broadcasts. Thanks.

Anaheim Angels	710	KSPN-CA (EE)	+Rory Markus, Terry Smith
	1020	KTNQ-CA (SS)	+Ivan Lara, Jose Mota
Arizona Diamondbacks	620	KTAR-AZ (EE)	Thom Brennaman, Greg Schulte, Rod Allen, and Jim Traber.
	1400	KSUN-AZ (SS)	Miguel Quintana
Atlanta Braves	750	WSB-GA	Skip Caray, Pete Van Wieren, Joe Simpson
	96.1	WKLS-GA	
Baltimore Orioles	1090	WBAL-MD	Joe Angel, Jim Hunter, Fred Manfra
Boston Red Sox	850	WEEI-MA (EE)	Joe Castiglione, Jerry Trupiano
	950	WROL-MA (SS)	+J. P. Villaman, Juan Baez, Luis Tiant
Chicago Cubs	720	WGN-IL	Pat Hughes, Ron Santo
Chicago White Sox	1000	WMVP-IL (EE)	John Rooney, Ed Farmer, Bill Melton
	1200	WRTO-IL (SS)	Hector Molina
Cincinnati Reds	700	WLW-OH	Marty Brennaman, Steve Stewart
Cleveland Indians	1100	WTAM-OH	Tom Hamilton, Mike Hegan, Matt Underwood
Colorado Rockies	850	KOA-CO	+Jeff Kingery, Jack Corrigan
Detroit Tigers	1270	WXYZ-MI	+Jim Price, Dan Dickerson
Florida Marlins	560	WQAM-FL (EE)	Dave Van Horne, Allen "Roxy" Bernstein
	1140	WQBA-FL (SS)	Felo Ramirez, Luis "Yiky" Quintana
Houston Astros	740	KTRH-TX (EE)	Milo Hamilton, Alan Ashby
	1010	KLAT-TX (SS)	Alex Trevino, Ernesto Ruiz
Kansas City Royals	810	WHB-MO	Denny Matthews, Ryan Lefebvre
	97.3	KZPL-MO n	
Los Angeles Dodgers	980	KFWB-CA (EE)	Vin Scully, Rick Monday
	1330	KWKW-CA (SS)	Jaime Jarrin, Fernando Valenzuela, Pepe Yniguez
Milwaukee Brewers	620	WTMJ-WI	Jim Powell, Bob Uecker
Minnesota Twins	830	WCCO-MN	Herb Carneal, Joe Gordon, Dan Gladden
New York Mets	660	WFAN-NY	Howie Rose, TBA
New York Yankees	880	WCBS-NY (EE)	John Sterling, Suzyn Waldman
	1280	WADO-NY (SS)	
Oakland Athletics	610	KFRC-CA	Bill King, Ken Korach
Philadelphia Phillies	1210	WPHT-PA f	Harry Kalas
	610	WIP-PA f	
Pittsburgh Pirates	1020	KDKA-PA	Lanny Frattare, Greg Brown, Bob Walk, Steve Blass (home games only), John Wehner
			Wayne Hagin, Mike Shannon
Saint Louis Cardinals	1120	KMOX-MO	Jerry Coleman, Tim Flannery, Ted Leitner
San Diego Padres	1090	XPRS-BC (EE)	
	860	XEMO-BC (SS)	Ed Ortega, Juan Avila

San Francisco Giants	680	KNBR-CA (EE)	+Greg Papa, Jon Miller, Dave Fleming
	1370	KZSF-CA (SS)	
Seattle Mariners	1000	KOMO-WA (EE)	Dave Neihaus, Rick Rizzs, Ron Fairly, Dave Henderson
	1360	KKMO-WA (SS)	Amaury Pi-Gonzalez, Julio Cruz
Tampa Bay Devil Rays	1250	WHNZ-FL (EE)	Andy Freed, Dave Wills
	1550	WAMA-FL (SS)	
Texas Rangers	1080	KRLD-TX (EE)	Eric Nadel, Victor Rojas
	1270	KFLC-TX (SS)	Eleno Ornelas, Jose Gozman
Toronto Blue Jays	590	CJCL-ON	Tom Cheek, Jerry Howarth, Mike Wilner, Warren Sawkiw
Washington Nationals	1050	WFED-DC	
	104.1	WWZZ-DC	

Anaheim Angels 2005+ Rory Markus, Terry Smith

Anaheim Angels (SS) 2005+ Ivan Lara, Jose Mota

[http://losangeles.angels.mlb.com/NASApp/mlb/ana/schedule/2004/radio_affiliates.jsp\(03/13/2005\)](http://losangeles.angels.mlb.com/NASApp/mlb/ana/schedule/2004/radio_affiliates.jsp(03/13/2005))

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

Arizona Diamondbacks 2005 Thom Brennaman, Greg Schulte, Rod Allen, and Jim Traber.

[webmaster@ktar.com\(03/16/2005\)](mailto:webmaster@ktar.com(03/16/2005)) (says no network)

[http://www.hard-core-dx.com/article.php?story=20050309174550709&mode=print\(03/17/2005\)](http://www.hard-core-dx.com/article.php?story=20050309174550709&mode=print(03/17/2005))
Wednesday, March 09 2005

Arizona Diamondbacks (SS) 2005 Miguel Quintana

600	KROD-AZ	860	KMVP-AZ e	1230	KAAA-AZ	1400	KSHP-NV
	KVNA-AZ	950	KNFT-NM		KATO-AZ	1420	KTAN-AZ
610	KNML-NM	980	KNTR-AZ	1340	KIKO-AZ	1490	KFFN-AZ
620	KTAR-AZ *	990	KSVP-NM	1400	KJOK-AZ		
780	KAZM-AZ	1130	KQNA-AZ		KSUN-AZ *S	92.1	KZUA-AZ

Boston Red Sox 2005 Joe Castiglione, Jerry Trupiano

Boston Red Sox (SS) 2005+ J. P. Villaman, Juan Baez, Luis Tiant

[http://www.veei.com/affiliates.asp\(03/13/2005\)](http://www.veei.com/affiliates.asp(03/13/2005))

550	WDEV-VT	1230	WMOU-NH	1400	WLTN-NH	1540	WGIP-NH
560	WHYN-MA		WJOY-VT		WTSL-NH	92.7	WOXO-ME
580	WTAG-MA	1240	WHMQ-MA	1420	WBEC-MA	93.5	WCTB-ME
610	WGIR-NH		WFTN-NH		WBSM-MA	95.1	WXTK-MA
620	WZON-ME	1280	WEIM-MA		WWSR-VT	95.5	WCLZ-ME
630	WPRO-RI		WFAU-ME	1440	WJAB-ME	96.1	WDEV-VT
850	WEEI-MA *	1290	WKNE-NH	1450	WRKD-ME	97.5	WIGY-ME
900	WSNH-NH	1300	WPNH-NH		WKXL-NH	99.3	WKTJ-ME
930	WGIN-NH	1340	WSTJ-VT	1480	WSAR-MA	99.7	WNTK-NH
950	WROL-MA *S	1350	WINY-CT		WNBX-VT	100.1	WHOU-ME
1020	WNTK-NH	1370	WDEA-ME	1490	WMRC-MA	100.7	WTBM-ME
1080	WTIC-CT	1380	WBYB-VT		WEMJ-NH	103.1	WDME-ME
1160	WSKW-ME	1400	WILI-CT		WFAD-VT	104.7	WXLM-CT
1230	WNAW-MA		WHMP-MA		WIKV-VT	105.5	WBYA-ME
	WQDY-ME		WIDE-ME		WKVT-VT	107.7	WKXL-NH

Chicago White Sox 2005 John Rooney, Ed Farmer, Bill Melton

Chicago White Sox (SS) 2005 Hector Molina

[http://chicago.whitesox.mlb.com/NASApp/mlb/cws/schedule/radio_affiliates.jsp\(03/13/2005\)](http://chicago.whitesox.mlb.com/NASApp/mlb/cws/schedule/radio_affiliates.jsp(03/13/2005))

880	WCBW-IL	1240	WSDR-IL	1470	WKLZ-MI m	97.7	WLQI-IN
1000	WMVP-IL *	1250	WSPL-IL	1490	WDBQ-IA	107.7	WMRS-IN
1060	WRHL-IL	1280	WBG-IL		WZOE-IL		
1150	KCPS-IA m	1360	WLBK-IL	1580	WBPC-IL		
1170	KJOC-IA m	1430	WCMY-IL	1590	WAIK-IL		
1200	WRTO-IL *S	1440	WGEM-IL m				
1230	KWAS-MO		WROK-IL m	93.9	WCEZ-IL		



Atlanta Braves 2005 Skip Caray, Pete Van Wieren, Joe Simpson

<http://atlanta.braves.mlb.com/NASApp/mlb/atl/schedule/affiliates.jsp> (03/13/2005)

550	WDUN-GA	1050	WLOG-NC	1410	WEGO-NC	93.7	WALI-SC
	WAME-NC	1150	WSNW-SC		WPCC-SC	93.9	WTWX-AL
580	WBIL-AL	1230	WBHP-AL		WCMT-TN		WYTK-AL
	WGAC-GA		WBLJ-GA	1420	WPEH-GA		WMTM-GA
590	WCAB-NC	1240	WBHB-GA		WRCG-GA	94.1	WQSI-AL
600	WCVP-NC		WPAX-GA	1430	WLTC-FL		WGSX-SC
610	WJFN-GA		WWNS-GA	1450	WCON-GA	94.3	WSCC-SC
630	WJDB-AL	1250	WHNY-MS		WKEU-GA	95.1	WCDZ-TN
	WNEG-GA	1260	WBBK-GA		WMVG-GA	95.5	WJDB-AL
640	WGST-GA *	1270	WGSV-AL		WVLD-GA	96.1	WKLS-GA *
680	WRGC-NC		WYXC-GA		WGNC-NC	97.9	WDMG-GA
720	WVCC-GA		WLJK-TN		WCRS-SC	98.1	WMGP-GA
730	WOHS-NC	1290	WTKS-GA		WGSX-TN	98.7	WISK-GA
	WSCC-SC		WVOW-WV p	1460	WBCU-SC	99.3	WCON-GA
	WLIL-TN	1300	WMTM-GA	1470	WRGA-GA	99.9	WSNT-GA
790	WSFN-GA	1310	WHEP-AL	1490	WSNT-GA	101.1	WTGA-GA
	WBLO-NC		WJSE-MS		WAZZ-NC	101.7	WYUM-GA
800	WHOS-AL	1320	WKIN-TN p		WSTP-NC	101.9	WVOW-WV p
	WJAT-GA		WMSR-TN	1500	WSEM-GA	102.3	WKZR-GA
	WDSC-SC	1330	WLBB-GA		WWFN-GA	102.7	WCNG-NC
850	WRUF-FL		WMLT-GA	1560	WPGY-GA		WPUB-SC
900	WJTH-GA	1340	WFEB-AL	1570	WCLE-TN	103.9	WDDK-GA
910	WJCW-TN		WGAU-GA	1590	WTGA-GA		WRPG-GA
	WRNL-VA		WTIF-GA		WXRS-GA	104.1	WCLE-TN
920	WVOH-GA	1350	WGAD-AL		WCSL-NC	104.3	WKHC-GA
940	WMAC-GA		WFNS-GA	1600	WFIS-SC	104.5	WYYU-GA
950	WHSY-MS		WPFM-SC	1630	WRDW-GA	104.7	WAAZ-FL
960	WRFC-GA	1370	WLOP-GA			104.9	WCCP-SC
970	WVOP-GA		WDEF-TN	92.1	WKUL-AL u	105.5	WIFO-GA
	WOXL-NC		WDXE-TN		WBTR-GA	106.3	WKNU-AL
990	WEIS-AL	1390	WHMA-AL		WPEH-GA		WGMK-GA
1000	WVWI-VI	1400	WCOH-GA		WSCG-GA	106.5	WZBX-GA
1050	WWIC-AL		WCOS-SC	93.1	WGAC-GA	107.3	WMCD-GA
	WJSB-FL		WSPG-SC	93.5	WLJA-GA	107.5	WTIF-GA
	WFSC-NC		WJZM-TN		WVOH-GA		

Chicago Cubs 2005 Pat Hughes, Ron Santo

<http://www.tribuneradio.com/cubsaffiliates.htm> (03/13/2005)

640	WBOW-IN	1290	WWFS-IL	1450	WFMB-IL	1590	KWBG-IA
660	WBHR-MN	1300	WBZQ-IN		WDLB-WI	1620	KOZN-NE
800	KXIC-IA	1320	WFHR-WI	1460	WJCI-IL	1650	KCNZ-IA
810	WDDD-IL	1330	WRAM-IL		WKAM-IN		
910	WAKO-IL	1350	KRNT-IA	1470	WKLZ-MI m	92.7	WQTX-MI v
920	WMOK-IL i	1380	KCIM-IA	1480	KLEE-IA	94.3	WSSQ-IL
950	WXLW-IN	1390	WIQU-IN	1510	KMRF-MO	103.1	WAKO-IL
1020	KOIL-NE	1400	KADR-IA	1540	WBNL-IN	104.9	WAXI-IN
1150	KCPS-IA m		WBAT-IN	1550	KIWA-IA	105.3	KIWA-IA
1170	KJOC-IA m	1440	WGEM-IL m	1570	KVTK-SD		KNOD-IA
1230	KLAV-NV		WROK-IL m		WLKD-WI		

Cleveland Indians 2005 Tom Hamilton, Mike Hegan, Matt Underwood

http://cleveland.indians.mlb.com/NASApp/mlb/cle/schedule/cle_schedule_affiliates.jsp (03/13/2005)

570	WKBN-OH	1300	WMVO-OH	1450	WJER-OH		
930	WEOL-OH	1320	WLOH-OH		WLEC-OH	92.7	WQEL-OH
970	WFUN-OH	1330	WFIN-OH	1460	WBKC-OH	93.5	WBNV-OH
1100	WTAM-OH *	1390	WBLL-OH	1480	WHBC-OH	95.3	WLKR-OH
1230	WCWA-OH	1400	WMAN-OH	1490	WMRN-OH	100.9	WJAW-OH
1260	WRIE-PA	1430	WCLT-OH	1540	WBCT-OH	104.5	WQKT-OH
1270	WUCO-OH		WFOB-OH	1590	WAKR-OH	107.1	WDOH-OH

Cincinnati Reds 2005 Marty Brennaman, Joe Nuxhall

http://cincinnati.reds.mlb.com/NASApp/mlb/cin/schedule/cin_schedule_affiliates.jsp (03/13/2005)

580	WCHS-WV	1230	WHIR-TN	1450	WWXL-TN	92.7	WRVC-WV
620	WWNR-WV	1240	WHIZ-OH		WHNK-WV	94.3	WKKI-OH
630	WLAP-TN		WFTM-TN	1490	WBEX-OH	95.3	WNDI-IN
680	WCTT-TN		WSFC-TN		WMOA-OH	96.5	WXCC-WV
700	WLW -OH *	1250	WCHO-OH		WSWV-WV	96.7	WBVI-OH
740	WRNR-WV	1260	WNDE-IN	1520	WOOO-IN	100.1	WMDJ-TN
910	WKEQ-TN		WNXT-OH	1550	WNDI-IN	100.9	WPGW-IN
930	WRVC-WV	1270	WXGO-IN	1580	WSAI-TN	101.9	WVOW-WV p
970	WATH-OH	1290	WVOW-WV p	1590	WSRW-OH	102.3	WCYN-TN
980	WONE-OH	1320	WKIN-TN p	1600	WARU-IN		WUGO-TN
990	WTIG-OH	1340	WBIW-IN		WSNR-TN	103.1	WPKE-TN
1080	WKJK-TN		WCMI-TN		WZZW-WV	103.9	WRBI-IN
1150	WIMA-OH	1390	WMPO-OH			105.9	WHAY-TN
1230	WFIH-OH	1440	WPGW-IN	92.7	WJCP-IN	107.9	WAMW-IN
	WIRO-OH		WMDJ-TN				

Colorado Rockies 2005+ Jeff Kingery, Jack Corrigan

http://colorado.rockies.mlb.com/NASApp/mlb/col/schedule/col_schedule_tv_radio_affiliates.jsp (03/13/2005)

610	KCSR-NE	1230	KBCR-CO	1350	KGHF-CO	1490	KUGR-WY
650	KGAB-WY		KHDN-MT		KABQ-NM		
730	KLOE-KS		KDIX-ND	1400	KXGN-MT	95.7	KCGM-MT
850	KOA -CO *	1240	KASL-WY		KCOW-NE	99.1	KWYW-WY
930	KROE-WY		KRAL-WY		KKTL-WY	100.1	KMMR-MT
950	KMER-WY	1260	KPOW-WY	1450	KBFS-SD r	102.3	KSPK-CO
960	KNEB-NE	1270	KIML-WY		KBBS-WY	103.1	KOAL-MT
1010	KSJR-CO	1290	KOWB-WY		KVOW-WY		KYDT-WY r
1050	KMTA-MT	1340	KTTM-CO	1470	KKTY-WY	106.1	KNFO-CO
			KYCN-WY	1490	KBSR-MT		

Detroit Tigers 2005+ Jim Price, Dan Dickerson

<http://detroit.tigers.mlb.com/NASApp/mlb/det/schedule/radioaffiliates.jsp> (03/13/2005)

Affiliate stations are subject to change.

580	WTCM-MI	1230	WMSH-MI	1340	WCSR-MI	1450	WNBY-MI
590	WKZO-MI		WSOO-MI	1380	WPHM-MI	1470	WLQR-OH
640	WMFN-MI	1270	WMKT-MI	1400	WCCY-MI	1500	WSHN-MI
790	WSGW-MI		WXYT-MI *		WRCC-MI		
940	WSPZ-MI	1290	CJBK-ON		WSJM-MI	92.1	WDOW-MI
973	WDEE-MI	1320	WDMJ-MI	1450	WATZ-MI	92.7	WQTX-MI v
1050	WTKA-MI	1330	WTRX-MI		WIBM-MI	96.1	WMTR-MI

Florida Marlins 2005 Dave Van Horne, Allen "Roxy" Bernstein

Florida Marlins (SS) 2005 Felo Ramirez, Luis "Yiky" Quintana

http://florida.marlins.mlb.com/NASApp/mlb/fla/schedule/broadcasting_affiliates.jsp (03/13/2005)

560	WQAM-FL *	770	WWCN-FL g	1300	WFFG-FL	1600	WKWF-FL
640	WJNA-FL	920	WMEL-FL	1380	WELE-FL	93.5	WBGF-FL
660	WORL-FL	1140	WQBA-FL *S	1450	WSTU-FL		

Los Angeles Dodgers 2005 Vin Scully, Rick Monday

http://losangeles.dodgers.mlb.com/NASApp/mlb/la/schedule/radio_network.jsp (03/13/2005)

610	KAVL-CA	1220	KHTS-CA	1340	KCBL-CA	1490	WTTB-FL s
920	KPSI-CA	1230	KBOV-CA		WSTA-VI s	1560	KNZR-CA s
980	KFWB-CA *		KTHR-NM s	1400	KVBL-CA	1570	KPRO-CA s
1110	KAOI-HI sl	1290	KCUB-AZ s	1450	KVEN-CA		
1140	KSFN-NV	1300	KROP-CA	1490	KMET-CA	99.7	KKAL-CA
1150	KDEF-CA						

Los Angeles Dodgers (SS) 2005 Jaime Jarrin, Fernando Valenzuela, Pepe Yniguez

http://losangeles.dodgers.mlb.com/NASApp/mlb/la/schedule/radio_network.jsp (03/13/2005)

920	XESD-BC	1330	KWKW-CA *	1490	KICO-CA	1550	KWRN-CA s
1220	KWKU-CA	1340	KRLV-NV				

Kansas City Royals 2005 Denny Matthews, Ryan Lefebvre

http://kansascity.royals.mlb.com/NASApp/mlb/kc/schedule/radio_affiliates.jsp (03/13/2005)

The web page has "2004", but the list therein differs from the 2004 list.

580	WIBW-KS	1270	KOZQ-MO	1450	KWBW-KS	93.5	KLEY-KS
590	KOMJ-NE		KRVT-OK		KOKO-MO		KLKC-KS
680	KFEQ-MO	1280	KDKD-MO b		KBFS-SD r	95.1	KTKS-MO
690	KGGF-KS	1290	KWLS-KS		KYNT-SD	95.3	KDKD-MO
790	KXXX-KS	1300	KWCK-AR	1460	KKOY-KS	95.9	KCAY-KS
810	WHB -KS *		KMMO-MO	1480	KLMS-NE	96.3	KTTG-AR
860	KKOW-KS	1310	KFLA-KS	1490	KKAN-KS	97.3	KZPL-KS n*
880	KRVN-NE		KGMT-NE	1510	KNNS-KS	97.7	KSNP-KS
900	KFAL-MO	1320	KLWN-KS	1530	KMAM-MO		KMTY-NE
	KJSK-NE		KOCR-MO	1540	KBBE-KS	98.1	KOZX-MO
940	KPSZ-IA	1350	KMAN-KS		KLKC-KS	98.7	KWTO-MO
960	KMA -IA	1360	KAHS-KS		KNGL-KS	99.1	KYOO-MO
990	KRSL-KS	1370	KALN-KS	1550	KKLE-KS	99.5	KUTT-NE
	KRMO-MO		KGNO-KS	1570	KMUR-OK	99.9	KWCK-AR
1010	KIND-KS		KAWL-NE	1580	KNIM-MO		KBFL-MO
1050	KSIS-MO k	1400	KCOG-IA		KTGR-MO	___	KSSZ-MO c
1060	KNLV-NE		KVFD-IA	1600	KMDO-KS	100.1	KKWK-MO
1150	KSAL-KS		KAYS-KS		KOMB-KS	100.9	KCLY-KS
	KRMS-MO		KVOE-KS		KTTN-MO	101.3	KARV-AR
1190	KREB-AR	1410	KOOQ-NE		KMOO-MO	102.9	KMMO-MO
	KVSV-KS	1420	KJCK-KS	92.1	KKOZ-MO	103.1	KYDT-WY r
1200	KYOO-MO		KULY-KS		KMOE-MO	103.9	KNZA-KS
1230	KLWT-MO		KREL-MO	92.3	KTTN-MO	105.5	KKOY-KS
1240	KIUL-KS	1430	KKOZ-MO	92.7	KASR-AR k	106.9	KIHK-IA
1270	KSCB-KS						

Milwaukee Brewers 2005 Jim Powell, Bob Uecker

http://milwaukee.brewers.mlb.com/NASApp/mlb/mil/schedule/radio_network.jsp (03/13/2005)

550	WSAU-WI	1240	WJMC-WI	1430	WBEV-WI	92.7	WDUX-WI
580	WKTY-WI		WOBT-WI	1450	KFIZ-WI	93.9	WDOR-WI
620	WTMJ-WI *		WOMT-WI		WRCO-WI	94.3	WQPC-WI
940	WFAW-WI	1280	WGLR-WI	1490	WIGM-WI	98.3	WCQM-WI
960	WTCH-WI	1310	WIBA-WI	1550	WEVR-WI	99.7	WWIS-WI
1090	WISS-WI	1400	WATW-WI	1590	WPVL-WI	106.1	WACD-WI
1150	WHBY-WI		WBIZ-WI		WEVR-WI	106.3	WEVR-WI
1230	WCLO-WI		WRDB-WI	92.3	WRLS-WI	107.3	WNXR-WI

Minnesota Twins 2005 Herb Carneal, Joe Gordon, Dan Gladden

http://minnesota.twins.mlb.com/NASApp/mlb/min/schedule/radio_affiliates.jsp (03/13/2005)

570	WNAX-SD	1220	KDDR-ND	1340	KDLM-MN	1460	KLTC-ND
610	KDAL-MN	1230	KGHS-MN		KROC-MN	1480	KAUS-MN
710	KXMR-ND		KMRS-MN	1350	KDIO-MN	1490	KOVC-ND
790	KFGO-ND		KTRF-MN	1380	KQKD-SD	1570	KAKK-MN
830	WCCO-MN*		KWNO-MN	1390	KRFO-MN	1580	KDOM-MN
860	KNUJ-MN	1240	WJON-MN	1400	KEYL-MN	1590	KDJS-MN
910	KCJB-ND		KDLR-ND		KQDJ-ND	1600	KDAK-ND
920	KWAD-MN	1260	KDUZ-MN	1410	KRWB-MN		
930	KSDN-SD		KROX-MN	1420	KTOE-MN	92.1	WYQ -MN
950	KWAT-SD	1270	WWWI-MN	1430	KNSP-MN	94.3	KDOM-MN
1020	KJJK-MN	1290	KBMO-MN	1450	KATE-MN		KKIN-MN
1060	KGFX-SD	1300	KGLO-IA		KBUN-MN	104.1	WNAX-SD
1080	KYMN-MN	1310	KNOX-ND		WELY-MN	105.5	KMGM-MN
1140	KSOO-SD	1320	KOZY-MN		KBMW-ND	107.1	KMGK-MN
1210	KOKK-SD						

New York Yankees 2005 John Sterling, Suzyn Waldman

New York Yankees (SS)2005

http://wcbss880.com/yankees/local_story_017084811 [Mar 4, 2002 12:13 pm US/Eastern] (03/13/2005)

570	WSYR-NY	1010	WQYK-FL	1300	WAVZ-CT	1410	WPOP-CT
590	WARM-PA	1150	WRUN-NY		WTMM-NY		WELM-NY
600	WICC-CT	1160	WPIE-NY	1320	WEEX-PA		WNER-NY
620	WHEN-NY		WYNS-PA	1340	WBRK-MA	1420	WACK-NY
	WVMT-VT	1180	WHAM-NY		WALL-NY	1430	WENE-NY
630	WMFD-NC	1240	WWCO-CT		WENT-NY	1490	WKNY-NY
640	WNNZ-MA		WJTN-NY		WIRY-NY		
770	WWCN-FL g	1270	WTSN-NH		WWPA-PA	99.7	WSKO-RI
800	WLAD-CT	1280	WADO-NY *S	1380	WABH-NY	103.5	WUUF-NY
880	WCBS-NY *		WHTK-NY	1390	WEOK-NY	107.7	WNSA-NY
950	WIBX-NY						

Oakland Athletics 2005 Bill King, Ken Korach

<http://oakland.athletics.mlb.com/NASApp/mlb/oak/schedule/affiliates.jsp> (03/13/2005)

580	KTMT-OR	970	KESP-CA	1410	KMYC-CA d	1490	KBLF-CA nw
590	KTHO-CA	1110	KAOI-HI nwl		KTME-CA		KRKC-CA
610	KFRC-CA *	1270	KXBX-CA	1430	KFIG-CA nwq		KRNR-OR
630	KPTT-NV	1340	KYNS-CA	1440	KUHL-CA	1560	KIQS-CA d
790	KWSW-CA		KTSN-NV	1450	KVML-CA		
950	KAHI-CA	1380	KZFX-CA	1480	KYOS-CA nw	102.3	KNTK-CA

Philadelphia Phillies 2005 Harry Kalas

http://philadelphia.phillies.mlb.com/NASApp/mlb/phi/schedule/tv_radio_network.jsp (03/13/2005)

610	WIP -PA *f	1210	WPHT-PA *f	1340	WMID-NJ	1470	WKAP-PA
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		
1050	WLYC-PA	1270	WLBR-PA	1440	WNPV-PA	102.3	WMID-NJ
1150	WDEL-DE	1320	WGET-PA	1460	WTKT-PA	105.5	WCHX-PA

Pittsburgh Pirates 2005 Lanny Frattare, Greg Brown, Bob Walk, Steve Blass (home games only), John Wehner

http://pittsburgh.pirates.mlb.com/NASApp/mlb/pit/schedule/radio_network.jsp (03/13/2005)

590	WMBS-PA	1270	WCBC-MD	1430	WVAM-PA	1490	WMGW-PA
630	WJAW-WV	1300	WJYP-WV		WEIR-WV		WNTJ-PA
800	WCHA-PA	1310	WNAE-PA	1440	WAJR-WV		WTCS-WV
1020	KDKA-PA *	1340	WOYL-PA	1450	WFRA-PA	1530	WEYZ-PA
1160	WCCS-PA		WTRN-PA		WJPA-PA		
1200	WCED-PA		WMON-WV		WMAJ-PA	95.7	WEEL-WV
	WKST-PA		WXXK-WV	1460	WMBA-PA	97.5	WDDH-PA
1230	WBVP-PA	1370	WWCB-PA	1480	WCNS-PA	104.1	WPXZ-PA
	WTIV-PA	1400	WBZV-PA	1490	WWPR-FL	107.1	WEXC-PA
1240	WBBW-OH	1410	WSCW-WV		WESB-PA		

San Francisco Giants 2005 +Greg Papa, Jon Miller, Dave Fleming

San Francisco Giants (SS) 2005

<http://sanfrancisco.giants.mlb.com/NASApp/mlb/sf/schedule/radioaffiliates.jsp> (03/13/2005)

Affiliate stations are subject to change.

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

Are you expiring?

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

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?!

Saint Louis Cardinals 2005 Wayne Hagin, Mike Shannon

http://stlouis.cardinals.mlb.com/NASApp/mlb/stl/schedule/stl_schedule_tv_radio_affiliates.jsp (03/13/2005)

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

Seattle Mariners 2005 Dave Neihaus, Rick Rizzos, Ron Fairly, Dave Henderson

Seattle Mariners (SS) 2005 Amaury Pi-Gonzalez, Julio Cruz

http://seattle.mariners.mlb.com/NASApp/mlb/sea/schedule/broadcast_affiliates.jsp (03/13/2005)

550	KTZN-AK	940	KICE-OR	1240	KXLE-WA	1450	KGRZ-MT
580	KRSA-AK	1000	KOMO-WA *	1270	KTFI-WA		KQDI-MT
680	KOMW-WA	1030	KMAS-WA	1280	KIT-WA		KONP-WA
700	KXLI-WA	1040	CKST-BC j	1300	KLER-ID	1470	KELA-WA
800	KINY-AK	1080	KVNI-ID	1310	KZXR-WA	1490	KLOG-WA
840	KSWB-OR		KFXX-OR	1320	KGDC-WA		KVAC-WA
	KMAX-WA	1170	KPUG-WA		KXRO-WA		
870	KFLD-WA	1230	KHSN-OR	1350	KRLC-ID	92.1	KCRK-WA
900	KKRT-WA	1240	KEJO-OR	1360	KKMO-WA *S	95.3	KVLR-WA
910	KBLG-MT		KTIX-OR	1370	KXTL-MT	100.3	KWIQ-WA
920	KXLY-WA		KGY-WA	1430	KBRC-WA	106.3	KVLR-WA

Texas Rangers 2005 Eric Nadel, Victor Rojas

http://texas.rangers.mlb.com/NASApp/mlb/tex/schedule/tex_radio_affiliates.jsp (03/13/2005)

600	KTBB-TX	1240	KVLF-TX	1490	KRUI-NM		
690	KPET-TX	1260	KKSA-TX		KBST-TX	92.5	KHTY-TX
710	KGNC-TX	1290	KWFS-TX		KYZS-TX	94.3	KSEY-TX
740	KCMC-TX	1300	KSYB-LA	1530	KZNX-TX	95.9	KBST-TX
950	KJTV-TX	1380	KBWD-TX	1550	KCOM-TX	97.1	KVRP-TX
1080	KRLD-TX *	1400	KVRP-TX	1560	KZQQ-TX	103.9	KMHT-TX
1090	KVOP-TX	1430	KEES-TX	1590	KGAS-TX	104.3	KGAS-TX
1230	KSST-TX	1450	KMHT-TX	1660	KRZI-TX	105.1	KWMW-NM
1240	KASO-LA		KNET-TX				

Need more information about AM DX'ing?

Mail a First-Class stamp to NRC Publications - P. O. Box 164 - Mannsville, NY 13661-0164 and ask for the NRC Publications Catalog.

Toronto Blue Jays 2005 Tom Cheek, Jerry Howarth, Mike Wilner, Warren Sawkiw

http://toronto.bluejays.mlb.com/NASApp/mlb/tor/schedule/radio_network.jsp (03/13/2005)

http://www.fan590.com/station_info/jays.jsp(03/20/2005) via Mike Brooker

Please note not all stations will broadcast all games.

570	CKGL-ON	960	CFAC-AB	1070	CHOK-ON	1280	CJSL-SK
590	CJCL-ON *		CFFX-ON y	1190	CFSL-SK	1310	CIWW-ON
600	CKAT-ON	980	CFPL-ON	1210	CFYM-SK	1330	WSPQ-NY
790	CIGM-ON		CKRU-ON	1240	CJCS-ON		CJYM-SK x
900	CHML-ON	1040	CKST-BC j	1260	CFRN-AB	1570	CKMW-MB

+= announcers from last season

a= All Kansas City Royals games after 7 PM are simulcast on 97.3 KZPL.

b= The Royals' list has "KDKD - AM / FM Clinton 95.3" without an AM frequency

c= The Royals' list has "KSSZ-FM Columbia[, MO] without a frequency.

d= day games only

e= The webmaster@ktar.com said that there is no network, but 860 KMVP-AZ would broadcast some of the games.

But KMVP is not in the website from the IRCA.

f= 610 WIP-PA will be the Phillies' flagship for Friday evening broadcasts; 1210 WPHT-PA for the other games

g= Florida Marlins & New York Yankees

h= home games only (not currently used)

i= Saint Louis Cardinals & Chicago Cubs

j= Seattle Mariners & Toronto Blue Jays

k= Kansas City Royals & Saint Louis Cardinals

l= San Francisco Giants & Los Angeles Dodgers & Oakland Athletics

m= Chicago Cubs & Chicago White Sox

n= night games only

o= reserved footnote letter

p= Atlanta Braves & Cincinnati Reds

q= San Francisco Giants & Oakland Athletics

r= Colorado Rockies & Kansas City Royals

s= selected games only

t= The Cardinals' lists has WKUL Cullman, AR. But Cullman is in Alabama.

u= Saint Louis Cardinals and Atlanta Braves

v= Chicago Cubs and Detroit Tigers

w= weekend games only

x= The Blue Jays list from mlb.com has frequency typo 1310 CJYM-SK; the Brooker list has 1330.

y= This station is in the Brooker Blue Jays's list but not in the mlb.com list.

S= Spanish language broadcast

NRC Contest

Wayne Heinen amradiolog@nrcdxas.org

4131 S. Andes Way

Aurora, CO 80013-3831

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

Contest Results through February 28th 2005

Contester	Location	Points	Contester	Location	Points
Ron Bailey	Shelby, NC	2345	John Hart	San Francisco, CA	356
John Wilkins	Wheatridge, CO	1379	Darrell Neft	Costa Mesa, CA	312
Wayne Heinen	Aurora, CO	1206	Mike Clancy	Jersey City, NJ	307
Chris Knight	Fort Lupton, CO	742	David Jones	Springfield, TN	127
Paul Swearingen	Topeka, KS	658	Gary Hitchcock	Hollywood, FL	115
Nancy Johnson	Billings, MT	526	Dale Park	Honolulu, HI	46
Steve Sprague	Coffeyville, KS	462	Michael Carroll	Phoenix, AZ	31
Dave Braun	Wyoming, DE	434	Bruce Conti	Nashua, NH	11

Formats

Wayne Heinen amradiolog@nrcdxas.org
 4131 S. Andes Way
 Aurora, CO 80013-3831

Changes in programming status; reported by listeners

Freq	Call	Location	New Format
570	KLAC	Los Angeles, CA	SPT
600	WAEL	Mayagüez, PR	SS:NWS/TLK
620	KMNS	Sioux City, IA	NWS/TLK
680	WWTQ	Memphis, TN	TLK
700	KMBX	Soledad, CA	SS:CHR
810	WYRE	Annapolis, MD	SS:TLK
840	KVJY	Pharr, TX	C&W
890	KTXV	Frankston, TX	SS:MEX
930	CJCA	Edmonton, AB	GOS/REL
950	WCTN	Potomac - Cabin John, MD	SS
960	WHYL	Carlisle, PA	NWS/TLK
970	KCMD	Portland, OR	Comedy
1000	WYBT	Blountstown, FL	OLD
1000	WRTG	Garner, NC	SS:MEX
1050	WLON	Lincolnton, NC	AC
1050	WVXX	Norfolk, VA	SS
1060	WGSB	Mebane, NC	SS:MEX
1130	WPYB	Benson, NC	C&W/GOS
1150	KCCT	Corpus Christi, TX	TLK
1150	KTLK	Los Angeles, CA	TLK
1170	WFDL	Waupun, WI	TLK/AC/OLD/BIZ
1220	WKMT	Kings Mountain, NC	TLK
1230	WCMD	Cumberland, MD	AC/EZL
1230	WWGA	Waycross, GA	NWS/TLK
1240	KFOR	Lincoln, NE	SPT/TLK
1250	WGL	Fort Wayne, IN	SPT
1260	KBHC	Nashville, AR	SS:MEX
1260	WBUD	Trenton, NJ	AC/OLD
1260	KWEI	Weiser, ID	SS:TLK
1280	KDOX	Henderson, NV	SS:Tejano
1290	KCUB	Tucson, AZ	NWS/TLK
1320	KXYZ	Houston, TX	BIZd/SS:REL/ETHn
1340	KTPI	Mojave, CA	NOS
1350	WPDR	Portage, WI	NWS/TLK
1360	WLBK	Dekalb, IL	TLK
1360	WHJC	Matewan, WV	C&W
1360	WOEN	Olean, NY	NWS/TLK
1380	WHEW	Franklin, TN	SS:MEX
1380	WLRM	Millington, TN	REL:AC
1410	WEGO	Concord, NC	NOS
1410	WKKP	McDonough, GA	GOS
1420	KGIM	Aberdeen, SD	NWS/TLK/C&W
1430	WBEV	Beaver Dam, WI	AC/OLD/TLK
1450	WDXR	Paducah, KY	UC:AC
1470	KUTY	Palmdale, CA	TLK
1490	WGEZ	Beloit, WI	OLD/TLK/SSwknds
1490	KICO	Calexico, CA	SS:SPT
1490	KVAC	Forks, WA	C&W
1490	WLRT	Hampton, VA	SPT
1510	WDRF	Woodruff, SC	C&W
1520	WTRI	Brunswick, MD	NOS
1520	WDMN	Toledo, OH	UC:GOS
1530	WLLQ	Chapel Hill, NC	SS:MEX
1550	KCOM	Comanche, TX	GOS
1550	KXEX	Fresno, CA	SS:Norteño
1550	KMRI	West Valley City, UT	SS:CHR
1560	WPAD	Paducah, KY	SPT
1560	KIQS	Willows, CA	SS:MEX
1570	WQTW	Latrobe, PA	OLD
1580	WKDD	Aurora, IL	Health Talk
1590	WCSL	Cherryville, NC	AC
1600	WMCW	Harvard, IL	NOS

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DXing the Graveyard Channels

By Les Rayburn, N1LF

The most crowded channels are the AM broadcast band are the so called "Graveyard" channels of 1230, 1240, 1340, 1400, 1450, and 1490khz. On average, there are 150+ stations operating on each frequency. The majority of them run 1000 watts day and night into non-directional antenna arrays. Listening to any of these frequencies after sunset can sound like a crowd at a baseball game, making reception of individual stations very difficult.



Newcomers to the hobby might well think it was impossible to hear any single station at great distances, but in fact, many of these stations have been heard at distances of over 2,000 miles or even more. Receptions of 600+ miles are commonplace.

Spend some time looking over the Graveyard DX Achievements web site maintained by Bill

Hale at: <http://www.angelfire.com/tx2/phantom2/>

You'll quickly notice that the names of certain DX'ers appear over and over again in the record books. In an effort to log more stations on these crowded frequencies, I've sought the advice of some of the most successful among that group. In the process, some knowledge has been shared that may be of use to others.

This article will share some of the questions posed, and then highlight the answers given. In some cases, I'll also share some of my own thoughts, though I have far less experience than most.

In your experience, what is the most productive time of day for hearing DX on the graveyard channels?

Although my recordings at the top of the hour overnight have been quite productive, I still think sunrise and sunset are the best times on any frequency, including graveyards. -**Paul LaFreniere**

Early morning prior to sunrise because no two mornings are the same and DX can come from any direction. -**Mike Stonebridge**

I haven't done an analysis of the times of my loggings, but they are fairly well spread through the nighttime hours. Basically, the best times are those in which propagation is abnormal in some way, favoring certain directions and/or distances, and thus stirring up the GY mix. This includes sunrise/sunset of course, as well as times when there are auroral or other disturbances. Sunrise has been particularly fruitful here - so much so, that I often record and check BOH intervals that occur within an hour or two of sunrise. -**Bary McLarnon**

Definitely the use of overnight, unattended recording is the big boon for me. It's responsible for my GY totals increasing from one local per channel (total 6) to my current total of 95 across the 6 frequencies. I never realized that, by parking on a frequency, something would actually pop out of the noise at ID time :-). My personal best is three different station IDs at one TOH. -**Brett Saylor**

That has changed over the years. It used to be between 2300 and 0105 local time. Second best would be 0100-0300 for then-common frequency checks. Today, I'm not sure if there is a 'best time', but sunrise and sunset enhancements apply to all channels equally, so that might be the best shot today. -**Russ Edmunds**

That is a question I ask myself often. After about a year of this, I have concluded that about an hour before sunrise to two hours after and one hour before sunset to two hours after are the most productive for me. -**Russ Johnson**

A bit after local sunrise in order to grab ones that are not too far away (e.g. Virginia from Ontario), but at the same time while a channel sounds less cluttered. After local midnight or 1 AM some stations still sign off, leaving less clutter on the channel. And sign offs stick out! -**Neil Wolfish**

Use some sort of overnight unattended recording equipment. I use Total Recorder and it has enabled me to increase my GY totals from 25-30 GYers logged to my current 73 GYers in the log. -**Bruce Winkelman**

Most DX'ers seemed to be in agreement that there was no "best" time of day, other than SRS/SSS, when it comes to logging new ones on the graveyard channels. It's more a matter of being at the right place at the right time. The one tool most often cited to make this possible is the use of the "Total Recorder" software by High Criteria. At a cost of only \$11.95 for their basic software, it may be the best value in DXing. Most DX'ers seem to record a period of about two minutes prior to the top of the hour (TOH) until about seven minutes after. Experience indicates that at least 1/3 of all loggings will come just after network news at around five minutes after TOH.

Total Recorder has a "schedule" feature that allows you to set up TOH recordings for the entire day. With a few more clicks, you can convert these files into smaller compressed .MP3 files. Most DX'ers will then review these recordings during the next day.

Some burn the files to CD's and listen to them during their commute times. Others will steal a few

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minutes during their lunch break. But all agree that this one tool is responsible for a lot of new loggings.

You can download a trial copy for free at:

<http://www.highcriteria.com>

Some comments about this software are in order:

I've been recording for over a year, and I record TOH from xx:58-xx:03 every hour from before local sunset to after local sunrise the next morning. I record xx:29-xx:35 on the BOH for the "critical" hours, too. I try to review the recordings the next morning, but usually don't get to it until the weekend (if ever!). I usually will drill directly to the xx:59:50 mark to catch the few seconds before TOH where most ID's occur. I know I miss the other possible times for ID's, but since I don't have a lot of time that's all I can afford. Oh yes, by the way, I sync my PC clock daily using NISTTime [software] to make sure it's within a second or two of actual time. -**Brett Saylor**

I no longer have the patience to sit on the graveyard channels for long periods any more unless I'm receiving a solid signal, which isn't very often. Just too much of a jumble, so all my graveyard DXing is done by timer and recorder. It's quite amazing how the channel can be a mass of stations and right at the TOH I hear a clear full ID, and then it's gone. Most nights everything is set for the period two minutes before to three minutes after every hour from midnight to sunrise. This method has produced 13 new graveyard loggings so far this winter. -**Mike Stonebridge**

Is there a season of the year that seems to result in more new loggings on the graveyard channels?

Summer has definitely been more productive for me. My own opinion on this is that in the winter it is still nighttime conditions at 0500 & 0600. In the summer it is SRS conditions at those hours.

Nearly all of my loggings have been from March or April through September. I have never bothered to determine the length of time any one station dominated the frequency or the weather conditions at the time [pressure reading, temp, whether it is cloudy, etc.].

I was always thinking of determining what the average distance is for these loggings. I do know that many times a station will show up for two or three nights consecutively and then disappear for good. Also—there are graveyard pests. I have found that two or three stations on each frequency are in often. - **Paul LaFreniere**

I find that spring and summer are best for GY; however, I can't provide you with an explanation. - **John Vervoort**.

Absolutely! Many of my best GY catches have been in the summer months. Propagation conditions are different than in the winter, so the "mix" tends to be different. I'm also convinced that sporadic E plays a part in MW propagation, and Es is obviously more common in those months. With fewer interesting catches available on the other frequencies, summertime is a great time to concentrate on the GYs. -**Bary McLarnon**

Summer static is less of an issue on a frequency where 50 stations are piling up to produce a constant S9+40db signal. Though I check in with the GY frequencies throughout the year as conditions are always changing. -**Rick Kenneally**

A DX season of any kind is pure myth, especially nowadays, with modern receivers and antennas successful MW DXing can be anytime of year. The only difference between the warm and cold weather months will be that local thunderstorm activity can cause temporary shutdowns. (Examples: Thunderstorms in New Hampshire made DXing impossible during the recent WTAM downtime, yet one summer while visiting Tampa, Florida, I could DX between storms to log some interesting Cuban signals.)

The best time to DX during the summer months will be at local sunset when atmospheric conditions are varying widely (although thunderstorms tend to be strongest before local sunset), and during the pre-dawn hours when thunderstorm activity cools off for the most quiet noise levels. -**Bruce Conti**

I agree [that summer can be more productive] Atmospheric conditions are more variable and not as good, often resulting in more surprises. That said, however, I've also found, as Bob Foxworth mentioned, that conditions to New England from the Middle Atlantic States are best then. The final reason is the existence of extensive networks for both major and minor league baseball. -**Russ Edmunds**

How do auroral (AU) conditions affect the graveyard channels? Do you find these periods to be more productive?

Being this far north aural conditions usually wipe out all DX at this location. During a high aural period I consider myself lucky if I can hear any station outside of Alberta. -**Mike Stonebridge**

Only if there are stations 100+ miles or so to the North which normally dominate the frequency. -**Russ Edmunds**

AU conditions are a good time to check out the GYs, if you can tear yourself away from the other stuff. My logging of WFOY was in AU conditions, and there are quite a few more like that in the log. It's hard to imagine hearing a Florida station essentially alone on a GY channel under any other conditions from this location. (Ontario, Canada) -**Bary McLarnon**

They bring in neat stuff for Ontario DXers, like SC, FL, AL... as long as the AU isn't too severe. If that happens, then all I get is ground wave from the nearest GY station to me. -**Neil Wolfish**

Answers to this question seemed to vary a lot by the location of the receiver. Here in the Southern US, I find that AU conditions can have the effect of reducing some of the clutter on the crowded local channels, by attenuating signals from Northern stations. Many of my new loggings from Florida GY's have come during periods of severe AU conditions.

Are there any types of antennas, equipment or receiver settings that you find helpful on these crowded channels?

ECSS [Single Sideband] is about the only way I DX these days. It is much easier to pull an ID out of the jumble. That is one way the Drake R8 really "sings" in the ECSS mode. Many catches I would never had heard without it. -**Patrick Martin**

One technique I use is to tune off frequency 1-2 kHz. Sometimes stations can be heard out of the hash. Then I de-tune my loop (variable capacitor) and then tune back into the frequency until a station is audible. I don't completely peak the signal. This is how I heard KSMA on Saturday, in for about 8 minutes before they faded down. -**Martin Foltz**

The passband tuning on my R8 makes it possible to choose a sideband and peak it for the best sounding audio on the graveyards, which is important - I find that getting rid of the bassy "rumble" of the GYs makes the ID's stand out better. -**Brett Saylor**

I use an AOR-7030+ receiver set on b/w of 4 kHz and my K9AY antenna. I find this antenna is superior to my EWE because it has much lower noise levels. I usually adjust the null against one of the regulars, if one is on top. -**Mike Stonebridge**

For unattended recording, the Sony 2010 is my choice. With its mechanical on/off switch, it works great with digital timer and mini-disc recorder - plus the synch detect is very helpful. For live listening, my choice is a modified Icom R75. Copying in ECSS mode is a dream with the R75. Passband tuning is very effective. I am also a big fan of the little Koss EQ-30 or EQ-50 portable equalizer. Some adjustments with that can make the difference in understanding an ID or not. Of course, good headphones are essential. My current favorites are the Telex Airman 760 (aviation use). -**Russ Johnson**

The Quantum Phaser has been valuable as well, allowing me to null the semi-local GY's and with luck, my one local on 1340. On all GY frequencies except 1340, I can set the phaser to enhance reception to the north or south. I haven't had as much success peaking reception to the east or west for some reason....perhaps it is due to the configuration of the wires. -**Bruce Winkelman**

I always use SSB mode, choosing whichever sideband has the least adjacent channel splatter, along with a 4 kHz IF filter. -**Bary McLarnon**

One type of antenna that has shown some promise on the graveyard channels is the use of NVIS [Near Vertical Incidence Signals] antennas. Most of these are common antennas mounted close to the ground so that they favor high angle skywave signals.

Usually DX'ers seek to receive low angle signals, since these represent the stations farther away from the receiver. But with graveyards, using a NVIS antenna can have the effect of "turning down the noise" on the frequency by reducing the signal levels from those more distant stations.

My NVIS antenna is a simple dipole cut for the 80 meter ham band, mounted only ten feet above the ground. Since erecting it, loggings of "medium distance" GY stations has improved, adding several new ones in the 400-600 mile distance range. The NVIS antenna also seems to work wonders when used as a source antenna for my Quantum Phaser. Using it in combination with a whip or beverage on the ground (BOG) can dramatically affect null levels.

Other antennas such as loops seem to be less useful on GY channels due to the number of signals coming from multiple directions. They can be very helpful if you have a local station on one or more of the frequencies.

Do you use software to process your recordings of graveyard ID's and what results have you seen? Is there other software that you find useful?

Cool Edit [Now marketed as Adobe Audition] is essential for normalizing, filtering, and slowing down the playback to determine IDs. Probably half of what I've added to the log is the result of this tool. I would not have WKDK's DX test (where this all began) or Poynette's WHFA without Cool Edit. -**Gerry Bishop**

<http://www.adobe.com/products/audition/main.html>

Regarding other software I do use TrueTime WinSync which keeps my computer (with cable modem) within a second or so of accurate time! -**Tom Kenney**

<http://www.truetime.net/software-winsync.html>

I play back in WinAmp, but if I need to edit I'll use CoolEdit. I don't do nearly the slow-down/clean-up that Gerry Bishop or Russ Edmunds do, but will occasionally tweak a file for better readability. I recently downloaded a trial version of Adobe Audition (which is what they renamed CoolEdit when they took it over) but I don't see many reasons to consider switching to it (considering the price). -**Brett Saylor**

<http://www.winamp.com>

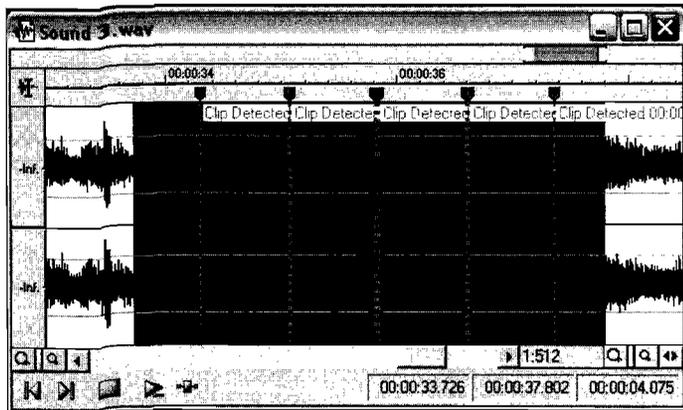
My personal experience is with Sony's Sound Forge 7.0 software. Similar to Adobe's Audition software, this software has a lot of uses when dealing with recorded computer files. I import my files one at a time from Total Recorder.

Right away, you can see a very detailed waveform of the recorded file, sometimes allowing you to visually see where events such as a TOH ID take place. You can slow down portions of the file (such as an ID) to make it easier to separate consonants, you can apply advance noise reduction algorithms, and apply EQ to help pick up key words. Both Sound Forge and Adobe Audition are expensive, but they're also very powerful. I'll echo Gery Bishop's comment; there are quite a few new ones in my log that I wouldn't have gotten without the software.

<http://mediasoftware.sonypictures.com/Products/>

Any thoughts on why some nights the GY channels seem to just be a jumble of noise with few clear ID's, while other nights yield lots of clear ID's?

I've never timed it out, but my experience has been shorter periods of one station dominating - more like 3 to 5 minutes. But I've noticed no particular patterns of note other than the 'usual' ones such as severe aurora or the approach of a very strong weather pattern in winter. -Russ Edmunds



When the GY stations were 250/500 w at night... the situation was VERY different than it is today. As others have noted, stations would fade in and out and listening to a GY frequency produced many new loggings for me. However, since they all are now 1kw day/night, the situation has changed, at least for me! There is typically one dominant station... and a bit of

a jumble underneath. Very occasionally, a 2nd or 3rd station will fade in for a bit... but with IDs being what they are these days (perhaps once an hour) it is very difficult to LOG anything. And the fade ups tend to only last for 2-3 minutes vs. the 15-20 minutes of the past. -Phil Bytheway

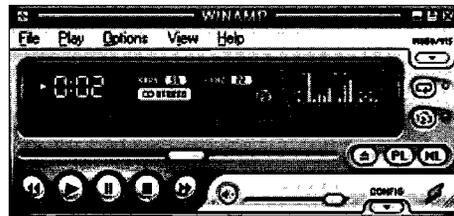
This has always been a mystery. And more the mystery when three TOH pass with just a jumble, and the next hour will bring four ID's in 15 seconds, each clear. I'll offer that when signals are much jumbled, propagation is quite good to the point of overwhelming. I have no evidence, just a hunch. -Gerry Bishop

Those of us who like to hang around on the GY channels often remark on the way they are usually a total jumble, and then, inexplicably, sometimes they magically become un-jumbled and provide some good loggings.

Last night I had a good example of this phenomenon. I trolled 1230 with timed recordings overnight. For the TOHs at 0100 and 0200, there was mostly a jumble with IDs.

Then the veil lifted, and I had a remarkable series of TOH catches. At 0300, a crystal clear ID from WGRY Grayling MI, nearly alone. At 0400, the same thing, but this time it was WMSH Sturgis MI. Ditto at 0500, only this time it was WTKG Grand Rapids MI doing the honors. WTKG was still holding on at 0600. At 0700, the dominant station went through TOH with music, but at 0701 provided a nice clear ID as WCWA Toledo OH. At 0800, WCRO Johnstown PA stepped up to the plate. WCOL Columbus OH also slipped in there at times, so that's 8 good IDs in one session, and I could probably find a few more if I had time to listen to more of the recordings. -Barry McLarnon

Yes, GY DXing isn't exactly what it used to be. I have the same situation both in Azusa here and also back in San Jose. One station tends to dominate for the most part with hash underneath; though there are some frequencies where two or three will try to equally dominate (1490 is a good example).



1340 is a very interesting frequency, it tends to sound like a pure 'rumble', no one really dominates except when I get decent conditions to northern Baja then XEAA will totally dominate. 1450 is a beautiful frequency down here, I had Reno dominating the other night, some nights it's Escondido, some nights Porterville, even Tucson. Depends on conditions particularly if AU. -Robert Wein

This phenomenon is widely reported, but after over a year of coordinated monitoring by DX'ers of the same channel overnight, we're no closer to explaining how it works. It is what adds to the thrill of DXing these crowded channels. You'll review recordings of five or six hours in a row with only a jumble of noise and the occasional pest that you've logged ten times before, and then suddenly be rewarded with a station that you've never heard a single trace of before...and it may even be crystal clear.

What advice would you give to other DX'ers about the graveyard channels, especially to newcomers?

Patience, patience, patience. It is so much harder today for so many reasons - more stations, more full time operations, no special tests (frequency checks) increased noise. Other than unattended recordings, I don't spend a lot of time on GY's any more because the 'return on investment' of time is so low in terms of new loggings. -Russ Edmunds

Two words: timed recording. Whether I'm at the receiver or not, I try not to ever let a TOH slip by without recording on some channel, and I often leave the receiver on a GY channel if I'm not chasing something else.

Recording onto a PC makes it easy to review them, and you can try various processing to enhance the recordings if you're into that, not to mention archiving your catches and getting help with UNIDs by sharing audio clips with others. My PC is on 24/7 and is near my receiver, so it's easy to set up timed recording and just let it run. I usually record 8 minute segments around both TOH and BOH, starting at :29 and :59 minutes past the hour. The recording period extends at least an hour on either side of sunset/sunrise. It doesn't take long to review a bunch of TOHs (if I'm short of time, I don't bother with the less-productive BOHs). If I hear something interesting but I can't ID it right away, I make a clip, label it, and store it away in an UNID directory. Some rainy day when propagation is lousy, I can listen to them again, and occasionally am able to dig out an ID that I missed previously. In addition to listening to the time right around TOH, it's also very worthwhile to check around 4 or 5 minutes past TOH, when many stations are coming out of their news break. Even if you don't do timed recording, it's essential to have good recording capabilities. Without it, GY DXing would just be frustration. And if you want to be truly successful at it, timed recording is a must. -Bary McLarnon

What I used to do is to "sit" on the GY freq. near the top of the hour. I used to run a timer to turn the recorder on from :58 to :02 or :58 to :07. Sometimes an ID will run between the spots out of the news and the programming which is mostly satellite talk on the AM dial now.

The GYers can be a lot of fun. Any person new to DXing should spend time on these channels. You never know what might pop in! -Patrick Martin

When listening, use head phones, and an audio recorder. Spend time at the dials. Graveyard stations are a lot of fun. -Doug Pifer

I'm fascinated that we're all parked on the same frequencies at the same time, and we so often don't even seem to experience similar propagation. There's a lot to be said for being in the right place, right time, and knowing what to do with the sound that comes through the headphones. -Gery Bishop

Use some sort of overnight unattended recording equipment. I use Total Recorder, and it has enabled me to increase my GY totals from 25-30 GY Stations logged to my current 73 in the log.

Definitely rig up some unattended recording method. Let your top of hour recording sessions go at least till: 07 past the hour. I use the Russ Edmunds :58-:07 method. This will let you catch some local programming (ads, weather, ID, local news, etc) after the network news is over.

If pressed for time, fast forward though the network news - you are unlikely to catch anything new during that. Set up multiple antennas if possible and alternate during the week to improve chances of snagging something. For me, having a manageable number of tracks to listen to each day (six or so) is preferable to letting a huge number build up.

When the frustration of not logging anything new for a long time gets the better of you, take a break on a non-GY frequency at least until you log a new one! -Russ Johnson

Don't trust your ears, at least at first...listen, re-listen, re-listen and re-listen again. Go back later and re-listen again to the recording. -Bruce Winkleman

You must have at least a few months of experience and also a great deal of patience. The more you practice, the better you'll become. -John Vervoort

Learn the format of your local/regulars. Grab a good book or a crossword puzzle and park yourself on a frequency until you determine who is dominating. Then move on to the next frequency.

If you have an "opening" to one area, capitalize! If you hear Green Bay on 1400, look for other Wisconsin Graveyard stations too.

Don't be fooled by a strong signal with something like Jim Bohannon or Art Bell... you might dis-

cover that you are hearing three stations all carrying the same thing until they break for news and ID. And then you have 3 weak signals.

Have a tape recorder running to play back IDs and spots (especially when "E" can sound like "B", etc.) Have some familiarity with professional and college sports nicknames; Patience.-Neil Wolfish

I wouldn't do a session without the web site www.100000watts.com. It seems to be the most up to date listing of stations, their formats, etc. available on the web. For portable operations, I always carry a copy of the latest NRC AM Log. -Les Rayburn

So, you've gotten the bug and want to become a "gravedigger"...where should you turn for even more information about logging these elusive stations.

There is an e-mail list devoted solely to DXing the Graveyard Channels. Usually we pick a channel to concentrate on during the coming week...then exchange notes on what we heard. Frequently members will post short sound files of stations they are having troubling Identifying. Often just getting another set of ears to listen can help clear it up.

We also exchange information about the stations, and have limited discussions about the technical side, usually software dominates those topics.

To subscribe, visit this web site:

<http://topazdesigns.com/mailman/listinfo/gy>

Another great source of information is the original article on the subject, written by the master, Bob Foxworth. This reprint is available from the National Radio Club. Ask for Reprint D11, "Successful Long-Distance Reception on the Class-IV Channels". Written in early 1974, but much of the information is still very valid. I highly recommend it to anyone serious about this part of the hobby.

NATIONAL RADIO CLUB, INC. - Publications Center Order Form - P.O. Box 164, Dept W - Mannsville NY 13661 USA

Bill Hale's excellent web site is also a vital source of information. Bill keeps track of the record reported reception distance for each station. He even divides it into two types, Prior to 1960 and after. One check of the records indicates that things were much easier to log in good ole days.

<http://www.nrcdxas.org/GYDXA/>

Listening to the graveyard channels holds other rewards as well, especially early in the morning. You can still find quite a few locally owned and operated stations. You'll get school closing, lost puppies, and a lot of the regional charm that always made it so interesting to listen to distant radio stations.

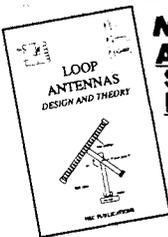
It's still possible to hear the national anthem or phrases like, "WBAC now concludes another broadcast day"... Perhaps that's why these channels earned the nickname "Graveyard" to begin with. This is the way radio used to be...and perhaps someday will be again.

The author wishes to thank all the DX'ers listed in the article for sharing their wisdom with all of us. Any mistakes are mine, any credit should rightly be theirs.

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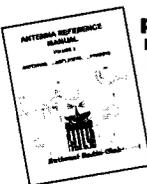


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Graveyard Achievements

Bill Hale w_r_hale@sbcglobal.net

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Distance records for stations logged on graveyard frequencies

WSTJ
 am 1340



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

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

Station	City	Dxer	DX Location	Miles
WKUL	AL Cullman	Ron Bailey	Shelby, NC	308
WXOR	AL Florence	Charles Reh	Leamington, ON	572
WMRK	AL Selma	Barry McLarnon	Ottawa, ON	1077
WFEB	AL Sylacauga	Steve Francis	Alcoa, TN	222
AFRN	AK Ft. Yukon	Frank Merrill	Nenana, AK	#178
KIKO	AZ Miami	Art Blair	Folsom, CA	681
KFBR	AZ Nogales	Phil Harms	Spokane Valley, WA	1178
KPGE	AZ Page	Phil Bytheway	Seattle, WA	924
KENT	AZ Prescott	Don Kaskey	Sacramento, CA	562
KBTA	AR Batesville	Phil Bytheway	Seattle, WA	1769
KZNG	AR Hot Springs	Wayne Heinen	Colorado Springs, CO	717
KCAT	AR Pine Bluff	Barry McLarnon	Ottawa, ON	1154
KBRS	AR Springdale	Charles Reh	Leamington, ON	738
KATA	CA Arcata	Carl Dabelstein	Lihue, HI	#2433
KATA	CA Arcata	Phil Bytheway	Seattle, WA	*475
KWXY	CA Cathedral City	Bruce Reynolds	San Jose, CA	391
KMAK	CA Fresno	Bill Harms	Spokane Valley, WA	766
KAVC	CA Mojave	Tim Hall	Burney, CA	735
KSFE	CA Needles	John Johnson	Billings, MT	821
KORV	CA Oroville	Frank Merrill	Nenana, AK	#2056
KEWE	CA Oroville	Tim Hall	Chula Vista, CA	*538
KATY	CA San Luis Obispo	Frank Merrill	Nenana, AK	#2347
KGLW	CA San Luis Obispo	Tim Hall	Crescent City, CA	*490
KIST	CA Santa Barbara	Tim Hall	Crescent City, CA	*564
KOMY	CA Watsonville	Tim Hall	Chula Vista, CA	408
KDEN	CO Denver	Esa Hänninen	Lemmenjoki, Finland	4537
KKYD	CO Denver	Art Blair	Folsom, CA	*867
KQIL	CO Grand Junction	Olle Alm	Abisko, Sweden	4535
KWSL	CO Grand Junction	Jack Woods	Douglas, AK	#1753
KTMM	CO Grand Junction	Art Blair	Folsom, CA	*676
KVRH	CO Salida	Bill Harms	Spokane Valley, WA	866
WYBC	CT New Haven	Russ Johnson	Lexington, NC	567
WOOK	DC Washington	Andy Rugg	Montreal, QC	488
WTAN	FL Clearwater	Don Voorhies	Oswego, NY	1128
WWFL	FL Clermont	Brett Saylor	State College, PA	872
WROD	FL Daytona Beach	Andy Rugg	Montreal, QC	1197
WZAZ	FL Jacksonville	Don Trelford	Runaway Bay, Jamaica	868
WDSR	FL Lake City	Barry McLarnon	Ottawa, ON	1116
WPBR	FL Lantana	Tim Hall	Tampa, FL	176
WTYS	FL Marianna	Ernie Wesolowski	Omaha, NE	953
WPBR	FL Palm Beach	Ernie Cooper	Provincetown, MA	1198
WSEB	FL Sebring	Ron Schiller	Lighthouse Point, FL	119
WFSH	FL Valparaiso-Niceville	Steve Francis	Alcoa, TN	393
WGAA	GA Athens	Russ Edmunds	Parsippany, NJ	691

WBBQ	GA	Atlanta	Carl Dabelstein	Lincoln, NE	831
WBBQ	GA	Augusta	Russ Edmunds	Parsippany, NJ	661
WGAA	GA	Cedartown	Ron Bailey	Shelby, MT	228
WOKS	GA	Columbus	Barry McLarnon	Ottawa, ON	1019
WBBT	GA	Lyons	Ron Bailey	Shelby, MT	216
WALH	GA	Mountain City	Russ Johnson	Lexington, NC	187
WTIF	GA	Tifton	Ron Schiller	Monmouth Beach, NJ	811
KSKI	ID	Hailey	Mike Hardester	Modesto, CA	537
KSGR	ID	Nampa	Esa Hänninen	Lemmenjoki, Finland	4449
KTIK	ID	Nampa	LEM96	Lemmonjoki, Finland	(Tie) 4449
KTIK	ID	Nampa	Shawn Axelrod	Winnipeg, MB	*1004
KACH	ID	Preston	Phil Bytheway	Seattle, WA	637
WSOY	IL	Decatur	Olle Alm	Abisko, Sweden	4107
WSOY	IL	Decatur	Barry McLarnon	Ottawa, ON	*768
WHPI	IL	Herrin	Shawn Axelrod	Winnipeg, MB	913
WJOL	IL	Joliet	Esa Hänninen	Lemmenjoki, Finland	4114
WJOL	IL	Joliet	Shawn Axelrod	Winnipeg, MB	*714
WBIW	IN	Bedford	Barry McLarnon	Ottawa, ON	707
WTRC	IN	Elkhart	Denis Picard	Trois-Rivières-Ouest, QC	737
WXFN	IN	Muncie	Barry McLarnon	Ottawa, ON	605
KROS	IA	Clinton	Barry McLarnon	Ottawa, ON	760
KLIL	IA	Estherville	Ernie Wesolowski	Omaha, NE	165
KFKF	KS	Kansas City	Esa Hänninen	Lemmenjoki, Finland	4396
KFKF	KS	Kansas City	Shawn Axelrod	Winnipeg, MB	*714
KSEK	KS	Pittsburg	Shawn Axelrod	Winnipeg, MB	858
WCMJ	KY	Ashland	Joe Fela	Newark, NJ	477
WBGJ	KY	Bowling Green	Carl Dabelstein	Omaha, NE	596
WBGJ	KY	Bowling Green	Ernie Wesolowski	Omaha, NE	(Tie) 596
WNBS	KY	Murray	George Santulli	Cranford, NJ	809
WEKY	KY	Richmond	Ron Schiller	Monmouth Beach, NJ	583
KVOB	LA	Bastrop	Bruce Reynolds	Warrensburg, MO	426
KRMD	LA	Shreveport	Frank Wheeler	Erie, PA	1005
WFAU	ME	Augusta	Barry McLarnon	Ottawa, ON	304
WDME	ME	Dover-Foxcroft	Don Voorhies	Oswego, NY	381
WGAW	MA	Gardner	Barry McLarnon	Ottawa, ON	269
WNBH	MA	New Bedford	Christian DeHaes	Chicoutimi, QC	466
WBRK	MA	Pittsfield	Jeff Falconer	Clinton, ON	428
WLEW	MI	Bad Axe	Morris Sorensen	Emsdale, ON	215
WLAV	MI	Grand Rapids	Bruce Conti	West Warwick, RI	763
WCSR	MI	Hillsdale	George Santulli	Cranford, NJ	575
WMTE	MI	Manistee	Barry McLarnon	Ottawa, ON	522
WAGN	MI	Menominee	Ron Schiller	Monmouth Beach, NJ	766
WMBN	MI	Petoskey	Shawn Axelrod	Valhalla Beach, MB	665
WEXL	MI	Royal Oak	Barry McLarnon	Ottawa, ON	416
KQBR	MN	Brainerd	Don Trelford	Runaway Bay, Jamaica	2159
KDLM	MN	Detroit Lakes	Andy Rugg	Waterloo, ON	781
WEVE	MN	Eveleth	Morris Sorensen	Leaf Rapids, MB	710
	MN	Rochester			
KWLM	MN	Willmar	John J. Rieger	South Milwaukee, WI	389
WAML	MS	Laurel	Ernie Wesolowski	Omaha, NE	767
KXEO	MO	Mexico	Andy Rugg	Montreal, QC	1028
KLID	MO	Poplar Bluff	Charles Reh	Leamington, ON	552
KSMO	MO	Salem	Les Rayburn	Helena, AL	400
KICK	MO	Springfield	Dave Whatmough	Hamilton, ON	822
KCAP	MT	Helena	Bruce Reynolds	Warrensburg, MO	1056
KPRK	MT	Livingston	Carl Dabelstein	Omaha, NE	817
KATL	MT	Miles City	Ernie Wesolowski	Omaha, NE	599
KATL	MT	Miles City	Carl Dabelstein	Omaha, NE	(Tie) 599
KYLT	MT	Missoula	MB DXPedition&	Arnes, MB	819
KHUB	NE	Fremont	Charles Reh	Leamington, ON	716
KGFW	NE	Kearney	Olle Alm	Abisko, Sweden	4265

KGFW	NE	Kearney	Art Blair	Folsom, CA	*1179
KSID	NE	Sidney	Olle Alm	Abisko, Sweden	4309
KSID	NE	Sidney	John Wilkins	Wheat Ridge, CO	*146
KTSN	NV	Elko	Tim Hall	Chula Vista, CA	574
KRAM	NV	Las Vegas	Frank Merrill	Nenana, AK	#2409
KRLV	NV	Las Vegas	Tim Hall	Yellowstone Lake Village, WY	*629
KBET	NV	Reno	Bill Harms	Spokane Valley, WA	578
WDCR	NH	Hanover	Jeff Falconer	Clinton, ON	464
WMID	NJ	Atlantic City	Esa Hänninen	Lemmenjoki, Finland	3961
WMID	NJ	Atlantic City	Bill Dvorak	Madison, WI	*817
KCEM	NM	Aztec	Olle Alm	Abisko, Sweden	4681
KNDE	NM	Aztec	Ernie Wesolowski	Omaha, NE	*706
KSSR	NM	Santa Rosa	Glenn Hauser	(near) Vega, TX	123
KSIL	NM	Silver City	Phil Bytheway	Seattle, WA	1262
KKIT	NM	Taos	Phil Bytheway	Seattle, WA	1154
WMBO	NY	Auburn	Esa Hänninen	Lemmenjoki, Finland	3786
WMBO	NY	Auburn	Charles Reh	Leamington, ON	*311
WENT	NY	Gloversville	Jeff Falconer	Clinton, ON	363
WKSJ	NY	Jameson	Andy Rugg	Montreal, QC	367
WLVJ	NY	Lockport	Carl Dabelstein	Lincoln, NE	932
WMSA	NY	Massena	Charles Reh	Leamington, ON	433
WALL	NY	Middletown	Denis Picard	Trois-Rivières-Ouest, QC	351
WIRY	NY	Plattsburgh	Esa Hänninen	Lemmenjoki, Finland	3653
WIRY	NY	Plattsburgh	Charles Reh	Leamington, ON	*494
WOOW	NC	Greenville	Jeff Falconer	Clinton, ON	596
WJRI	NC	Lenoir	Russ Edmunds	Blue Bell, PA	452
WTSB	NC	Lumberton	Russ Edmunds	Syracuse, NY	605
WCBQ	NC	Oxford	Ron Bailey	Shelby, NC	185
WADE	NC	Wadesboro	Russ Johnson	Lexington, NC	61
WGNJ	NC	Wilmington	Andy Rugg	Montreal, QC	814
WAIR	NC	Winston-Salem	Andy Rugg	Montreal, QC	739
KPOK	ND	Bowman	Phil Bytheway	Seattle, WA	900
KXPO	ND	Grafton	Wayne Heinen	Colorado Springs, CO	755
WNCO	OH	Ashland	Shawn Axelrod	Winnipeg, MB	942
Woub	OH	Athens	Charles Reh	Leamington, ON	188
WIZE	OH	Springfield	Shawn Axelrod	Winnipeg, MB	937
WSTV	OH	Steubenville	Barry McLarnon	Ottawa, ON	425
KIHN	OK	Hugo	Charles Reh	Leamington, ON	894
KXXY	OK	Oklahoma City	Don Trelford	Runaway Bay	1711
KXXY	OK	Oklahoma City	Steve Francis	Alcoa, TN	*760
KTOW	OK	Sand Springs	Karl Jeter	Atlanta, GA	675
KLOO	OR	Corvallis	Olle Alm	Abisko, Sweden	4399
KLOO	OR	Corvallis	Bruce Reynolds	San Jose, CA	*507
KWVR	OR	Enterprise	Esa Hänninen	Lemmenjoki, Finland	4325
KWVR	OR	Enterprise	Nancy Johnson	Billings, MT	*426
KIHR	OR	Hood River	Esa Hänninen	Lemmenjoki, Finland	4354
KIHR	OR	Hood River	Tim Hall	Monterey, CA	*630
KBBR	OR	North Bend	Tim Hall	Monterey, CA	488
WCVI	PA	Connellsville	Andy Rugg	Montreal, QC	486
WSAJ	PA	Grove City	Frank Merrill	Holland, OH	195
WOYL	PA	Oil City	Barry McLarnon	Ottawa, ON	336
WHAT	PA	Philadelphia	Jeff Falconer	Clinton, ON	411
WRaw	PA	Reading	Don Trelford	Scarborough, ON	294
WTRN	PA	Tyrone	Steve Francis	Alcoa, TN	458
WBRE	PA	Wilkes-Barre	Karl Jeter	Stone Mountain, GA	695
WWPA	PA	Williamsport	MB DXPedition&	Arnes, MB	1153
Woke	SC	Charleston	Barry McLarnon	Ottawa, ON	896
WRHI	SC	Rock Hill	Joe Kureth	Uniontown, MD	390
WSSC	SC	Sumter	Russ Edmunds	Little Silver	558
KIJV	SD	Huron	Frank Merrill	Milan, MI	748
KTOQ	SD	Rapid City	Esa Hänninen	Lemmenjoki, Finland	4220

KTOQ	SD	Rapid City	Phil Bytheway	Seattle, WA	*953
WBAC	TN	Cleveland	Dave Whatmough	Hamilton, ON	620
WKRK	TN	Columbia	Karl Jeter	Stone Mountain, GA	206
WGRV	TN	Greeneville	Steve Francis	Alcoa, TN	69
WKGN	TN	Knoxville	Andy Rugg	Pointe Claire, QU	848
WLOK	TN	Memphis	George Santulli	Cranford, NJ	950
WCDT	TN	Winchester	Charles Reh	Leamington, ON	511
KWKC	TX	Abilene	John Wilkins	West Des Moines, IA	715
KHLB	TX	Burnet	Carl Dabelstein	Lincoln, NE	700
KAND	TX	Corsicana	Frank Wheeler	Erie, PA	1139
KSET	TX	El Paso	John Wilkins	West Des Moines, IA	974
KLBK	TX	Lubbock	Carl Dabelstein	Lincoln, NE	577
KRBA	TX	Lufkin	Carl Dabelstein	Lincoln, NE	665
KPDN	TX	Pampa	John Johnson	Sheridan, WY	714
KOLE	TX	Port Arthur	Rick Dau	Iowa City, IA	824
KTEO	TX	San Angelo	Wayne Heinen	Colorado Springs, CO	565
KVIC	TX	Victoria	Ernie Wesolowski	Omaha, NE	860
KVIC	TX	Victoria	Carl Dabelstein	Omaha, NE	(Tie) 860
KTMP	UT	Heber City	Shawn Axelrod	Winnipeg, MB	940
KMTI	UT	Manti	Bill Harms	Spokane Valley, WA	645
WVNR	VT	Poultney	Don Voorhies	Oswego, NY	188
WSTJ	VT	St. Johnsbury	Don Voorhies	Oswego, NY	188
WKEY	VA	Covington	Shawn Axelrod	Winnipeg, MB	1184
WHAP	VA	Hopewell	Barry McLarnon	Ottawa, ON	563
WVCV	VA	Orange	Barry McLarnon	Ottawa, ON	506
WBLB	VA	Pulaski	Steve Francis	Alcoa, TN	195
KAGT	WA	Anacortes	John Campbell	Malnagen, Norway	4042
KLKI	WA	Anacortes	Nancy Johnson	Billings, MT	*689
KLKI	WA	Anacortes	Tim Hall	Chilkoot Inlet, AK	#901
KTCR	WA	Kennewick	LEM96	Lemmenjoki	4304
KTCR	WA	Kennewick	Tim Hall	Chula Vista, CA	*1053
KAPA	WA	Raymond	Tim Hall	Vancouver, BC	180
KVSN	WA	Tumwater	Tim Hall	Georgian Strait near Parksville, BC	174
KWWW	WA	Wenatchee	Nancy Johnson	Aberdeen, WA	168
WHAR	WV	Clarksburg	Don Lynch	Lynn, MA	536
WEPM	WV	Martinsburg	Barry McLarnon	Ottawa, ON	423
WMON	WV	Montgomery	Joe Kureth	Uniontown, MD	248
WLDY	WI	Ladysmith	Joe Kureth	Uniontown, MD	820
WRIT	WI	Milwaukee	John Johnson	Sheridan, WY	952
KSGT	WY	Jackson	Tim Hall	Elephant Head Lodge, WY	86
KYCN	WY	Wheatland	Phil Bytheway	Seattle, WA	933
KWOR	WY	Worland	Esa Hänninen	Lemmenjoki, Finland	4296
KWOR	WY	Worland	Bill Dvorak	Madison, WI	*933
WNOZ	PR	Aguadilla	Cesar Objio	Santo Domingo, DR	180
WSTA	VI	Charlotte Amalie	Tim Hall	Crane Beach, Barbados	499
CFHC1	AB	Banff	Tim Hall	Lake Louise, AB	30
CIBQ	AB	Brooks	Olle Alm	Abisko, Sweden	3851
CIBQ	AB	Brooks	Niel Wolfish	Winnipeg, MB	*655
CIBQ	AB	Brooks	Shawn Axelrod	Winnipeg, MB	(Tie) *655
CJLW1	AB	Grand Centre	Esa Hänninen	Lemmenjoki, Finland	3543
CJCM	AB	Grand Centre	Phil Bytheway	Seattle, WA	*708
CINL	BC	Ashcroft	Tim Hall	Peril Strait, AK	#740
CINL	BC	Ashcroft	Tim Hall	Glacier National Park, MT	391
CFKC	BC	Creston	Phil Bytheway	Seattle, WA	286
CKGF	BC	Grand Forks	Nancy Johnson	Aberdeen, WA	285
CKCR	BC	Revelstoke	Phil Bytheway	Seattle, WA	316
CIVH	BC	Vanderhoof	Tim Hall	Chilkoot Inlet, AK	#560
CIVH	BC	Vanderhoof	Phil Bytheway	Seattle, WA	450
CJNC	MB	Norway House	Shawn Axelrod	Swan River, MB	194
CKXX	NF	Corner Brook	Esa Hänninen	Lemmenjoki, Finland	3001
CKWK	NF	Corner Brook	Jean Burnell	St. John's, NF	*260

CFGB	NF	Happy Valley	Esa Hänninen	Lemmenjoki, Finland	3043
CFBNH	NF	Searston	Jean Burnell	St. John's, NF	309
CFW	NF	Wabush	Esa Hänninen	Lemmenjoki, Finland	2968
CFYK	NT	Yellowknife	Esa Hänninen	Lemmenjoki, Finland	3163
CFYK	NT	Yellowknife	Morris Sorensen	God's Lake Narrows, MB	*898
CJLS	NS	Yarmouth	Esa Hänninen	Lemmenjoki, Finland	3494
CJLS	NS	Yarmouth	Jeff Falconer	Clinton, ON	*768
CBON	ON	Chapleau	Tim Hall	Near Chapleau, ON	10
CKNR	ON	Elliot Lake	Andy Rugg	Nuns' Island, QC	440
CFCH	ON	Hearst	Morris Sorensen	Leaf Rapids, MB	840
CKARI	ON	Parry Sound	Ron Schiller	Monmouth Beach, NJ	463
CKRE	ON	Red Lake	MB DXpedition&	Valhalla Beach, MB	125
CKOX	ON	Woodstock	Wayne Heinen	Orchard Park, NY	104
CHAD	QC	Amos	Jeff Falconer	Clinton, ON	381
CJAN	QC	Asbestos	Charles Reh	Leamington, ON	589
CJAF	QC	Cabano	Andy Rugg	Montreal, QC	273
CHRD	QC	Drummondville	Andy Rugg	Montreal, QC	73
CJQC	QC	Quebec	Charles Reh	Leamington, ON	646
CBGA7	QC	Ste-Anne-des-Monts	Esa Hänninen	Lemmenjoki, Finland	3197
CKVT	QC	Temiscaming	MB DXpedition&	Arnes, MB	857
CFSL	SA	Weyburn	Carl Dabelstein	Omaha, NE	695
XEAA	BCN	Mexicali	Esa Hänninen	Lemmenjoki, Finland	5159
XEAA	BCN	Mexicali	Ron Schiller	Monmouth Beach, NJ	*2354
XEZE	NAY	Santiago Ixcuintla	Tim Hall	16 miles west of Cabo San Lucas, BCS	326
XENV	NL	Monterrey	Jim Boehm	San Antonio, TX	288
XELU	PUE	Ciudad Serdan	Tim Hall	Houston, TX	757
XESL	SLP	San Luis Potosi	Tim Hall	San Antonio, TX	531
XECW	SIN	Los Mochis	Esa Hänninen	Lemmenjoki, Finland	5524
XECW	SIN	Los Mochis	Tim Hall	Rancho Bernardo, CA	*704
XEOS	SON	Ciudad Obregon	Tim Hall	Poway, CA	574
XEBK	TA	Nuevo Laredo	Don Trelford	Runaway Bay, Jamaica	1455
XEMT	TA	Matamoros	Tim Hall	Houston, TX	299
ZBM2	BD	Hamilton	Olle Alm	Göteborg, Sweden	3886
ZBM2	BD	Hamilton	Charles Reh	Leamington, ON	*1185
PRH6	BR	Belo Horizonte	Pete Taylor	Rio de Janeiro, Brazil	211
CMHU	CU	Cienfuegos	Don Trelford	Runaway Bay, Jamaica	330
WGBY	CU	Guantanamo Bay	Ron Schiller	Lighthouse Point, FL	543
HJFA	CL	Barranquilla	Ron Schiller	Lighthouse Point, FL	1121
HJFB	CL	Bogota	Carl Dabelstein	Lihue, HI	5806
HRH6	HON	San Pedro Sula	Ron Schiller	Lighthouse Point, FL	920
BBC	UK	Lisngarvey	Ron Schiller	Monmouth Beach, NJ	3190
—	CHN	Guangzhou	Pete Taylor	Hong Kong	95
BEC48	CHN	Matsu	Frank Merrill	Nenana, AK	4627

- MB DXpedition & = [Shawn Axelrod, Wayne McRae]
- LEM96 = [Mika Makelainen and Jorma Mantyla]

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See? No problem!

DXing 'Over Your Shoulder' with Beverages A Comparison Test: March 2005

John H. Bryant

Over the past 15 years, I've been using relatively short Beverages, *unterminated*, at my home QTH in Oklahoma, USA. These low wires (average height about 6 to 8 feet) vary in length from 450 to 750 feet. I've found that such wires were useable directional antennas with very good lobes off of each end. For about four of those years, I operated a "half-wagon wheel" of Beverages of that general length with the wires running East, SE, South, SW and West from a central point in my back yard. At the time, I was primarily interested in SWBC DXing on the Tropical Bands (from 2.5 to 5.5 MHz.) and could use each antenna "directly," of course: for example, I could use the SE wire to look to my southeast for South America and for southern Africa. Happily, I could also use that SE antenna "over the shoulder" to look to my *northwest* along my Great Circle route to East and South Asia. In essence, by leaving the Beverages unterminated and thus bi-directional, I was operating quite nearly as if I had twice as many Beverages spread out in a full wagon wheel.

Using a simple unterminated single-wire Beverage antenna as a bi-directional device is well known in the literature, of course, and carries with it at least two inherent penalties:

- By its nature, an unterminated Beverage is bi-directional and thus *does not reject anything off the backside*
- The signals coming "over the shoulder" from the normal backside of the antenna travel the length of the Beverage, going away from the receiver, hit the far end and are reflected back to the receiver. There is an **inherent signal loss** in this reflection and longer trip. Authorities and modeling programs differ slightly as to how much the "backside" signal is attenuated, but most tend to focus on **4 to 6 dB**.

Over the past year, my Northwest MW DXing buddies and I have become quite interested in re-verting to "12 Volt DC DXing" from automobiles and campsites on the Pacific seashore. Our beloved Grayland Motel is for sale and we are anticipating the loss of that near-perfect layout, with antennas of optimum length running in the correct directions and terminated virtually in the surf at high tide. In the near future, we foresee many situations where we will be able to get our vehicles quite close to the shore, but where we will be so close that there simply is not room to run a Beverage out toward the sea. There are a number of familiar venues, however, where we could be DXing very near the shore itself and run antennas directly away from the beach inland through the scrub or forest laying behind the beach itself. Unterminated, we could then use these antennas to DX the far Pacific shore "over the shoulder."

As we discussed this idea, there was quite a bit of disagreement as to just how much loss this "over the shoulder" approach might entail. Some of us held with the published "4 to 6 dB" figure.... and felt this to be a negligible amount, while others held with equal sincerity that the loss could be much greater. I volunteered to run a field test this winter in my home area of central Oklahoma where the roads run, literally, straight for mile after mile and where the Southern Prairie is more or less one big flat cow pasture.... ideal for testing directional antennas.

Test Arrangement

My automobile/DX shack was parked at the crest of a very gentle hill, with the antennas extended North and South from the vehicle, along the roadside tree line and suspended from the lower branches. The road runs absolutely North-South. The antennas were two new 500 foot Beverages. When laid side-by-side, one wire was about 3 feet longer than the other, but was not trimmed (the South antenna was the longer). The slope of the hill was equal in both directions and was such that the far end of each antenna was about ten feet lower than the automobile. The Beverages each went to one of a matched pair of new impedance transformers, then through identical 6' lengths of coax to an antenna switch and thence to an NRD-535 which was used to compare signal strengths on each antenna for a number of stations.

The stations to be measured were selected to be spread across the MW dial and to be those laying directly to the North or South of my location. Each station that was measured put in a moderately strong signal, varying in strength from 1280-Arkansas City, KS which came in at around S-8 to 640-

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Norman, OK, which put in an S-9+10 dB signal.

The tests were run at solar noon, with no thunderstorms present or audible on the band. The signals were exceptionally steady and were each the only signal audible on the channel. The signal strengths were measured twice, about 10 minutes apart and are (both) presented below in a relativist chart.

Frequency	Location	Stations to the SOUTH		Comments
		North	South	
640 kHz.	Norman, OK	equal, equal	equal, equal	
		Absolutely equal on both antennas!		
1000 kHz.	Oklahoma City, OK	—	+6 dB, +6 dB	
1450 kHz.	Shawnee, OK	—	+3 dB, +3 dB	
Frequency	Location	Stations to the NORTH		Comments
		North	South	
580 kHz.	Topeka, KS	—	+6 dB, +3 dB	Wow, the reverse of expectations
900 kHz.	Wichita, KS	equal, equal	equal, equal	
1070 kHz.	Wichita, KS	+3 dB, +5 dB	—	As expected
1280 kHz.	Arkansas City, KS	—	+6 dB, +4 dB	Again, the reverse!
1330 kHz.	Wichita, KS	—	+3 dB, +3 dB	The reverse!
1580 kHz.	Blackwell, OK	—	+3 dB, +3 dB	The reverse!

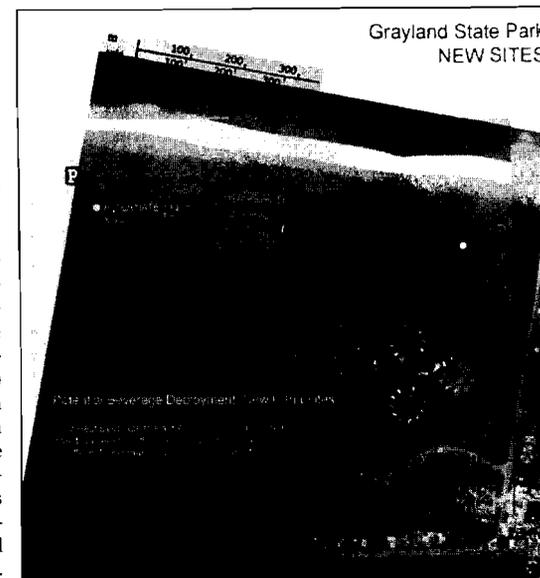
NOTE: Two tests were also done to the side of the antennas: 1600 kHz., Cushing, OK to the due East came in about 3 dB better on the North antenna; 960-Enid OK, to the West-Northwest also came in better on the North antenna by about 2 or 3 dB.

Discussion

With the exception of the slope of the ground (DX shack at crest of gentle hill, each antenna sloping parallel to the ground downward about ten vertical feet over the 500 foot length) the two antennas were virtually identical, but running in opposite directions. Given that the signals were fairly equal on both antennas and that the measuring instrument (NRD 535 S-Meter) was fairly crude, precise results were not expected. In fact, the relative strength measurements of the stations to the SOUTH were about exactly what I expected: two of the three stations were stronger on the southerly antenna by 3 to 6 dB. The measurements of stations to the North, however, presented a real surprise: four (580, 1280, 1330 and 1580) were 3 to 6 dB stronger on the South Beverage that pointed *away* from them. This was so surprising to me that I exchanged the two lead-in + impedance transformer combinations prior to taking the second set of measurements. The results were identical except for a 3 dB drop in the 580 kHz. reading.

One could still argue that, for some reason, the southern Beverage was just "working" better. That was my reason to measure the only two nearby signals that come in from nearly straight East and West. As you see from the note above, the two side signals were both received better on the *North* antenna!

Just exactly why these anomalous readings came about could be the subject of endless speculation. Happily, that discussion is not at all relevant to the purpose of this particular field test. The goal was to determine whether the backside losses of relatively short Beverages were negligible or large enough to



be significant when forced to DX "over the shoulder." Based on this comparison test, I feel comfortable using a short Beverage and DXing over my shoulder, when better, more classic arrangements are not possible.

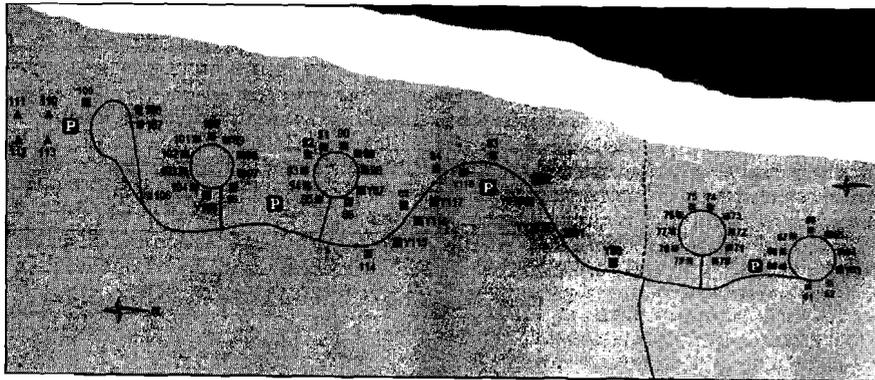
In Practice

On the previous page is a two-layer photo-montage of the new campsites now under construction at Grayland Beach State Park on the Pacific Coast on Washington State. Foot and vehicular traffic on the beach, even at night, prevents us from running antennas on the beach itself. As you may note from the montage, the new campsites are too close to the beach to allow us to deploy a full array of classic "direct" terminated Beverages from any single new campsite in the park.

The array of blue lines at the upper-right of the montage indicate a deployment of the three beverage pattern that we find most effective for DXing from the Pacific Coast (NW, West, SW). Each antenna, as indicated is 500 feet long. The antenna running to the NNW is a classic terminated Beverage, the other two are "Over the Shoulder" unterminated affairs.

Finally, some readers will surely ask why we do not simply adopt more compact beach-side antennas, such as the K9AY, Flag or KAZ large loops. We have done some rather careful comparisons between these antennas and our normal Grayland Beverage array and have repeatedly found that the Beverages were superior. This was true even when the same antenna comparisons had been judged "similar/equal" at inland locations. Additional comparisons will be made this summer and fall.

The author would like to correspond with anyone who knows of, or who has actually performed similar tests of "over the shoulder" Beverages. Please contact him at bjohn@provalue.net.



New Grayland Sites

(Endnotes)

¹ Victor Misek, John Devoldere and others have published several similar designs for true bi-directional or switchable direction Beverages. These usually entail either two parallel antenna wires or coaxial cable lead-ins running to each end of the antenna. These designs may be quite suitable for long-term fixed installations; the interest here, however, is in investigating the use of a single lead-in and a simple, single-wire Beverage.

Broadcasters' Guides to DX Four different tri-fold guides for use with reception reports explaining DX'ing, how the NRC was formed, and the importance of QSL's to DX'ers. AM editions in English (EEG), Spanish (SSG), and French (FFG); FM edition in English (FMG). 20 for US\$2.95 (\$3.50 non-members). From NRC Publications. (NY residents, please add sales tax)



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International DX Achievements

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International DX verte/taped totals listed by continents

Year started	DX'er	Location	Last Update	Eur	Ctries	Total Veries	Foreign	NA	SA	Oc	Af	As
1940	Morss, Stan	MA	1993	221	84	3922	424	218	65	1	14	3
1958	Dangerfield, Ben	PA	2005	152	129	434	334	85	44	8	33	10
1933	Geary, Kermit	PA	2001	152	115	6554	1106	571	291	62	28	2
1938	Anderson, Roger A.	VA/NY/PA	1993	128	105	1448	514	227	78	48	28	5
1950	Krejny, Edward	OH	1996	91	76	2733	441	208	126	6	10	0
1958	Mernman, Alan	VA	1994	88	93	1615	368	212	47	3	14	4
1946	Moore, Ray	MA	1993	59	104	245	245	95	52	8	24	7
/	Sampson, John	NJ	1965	38	54	445	72	23	6	1	3	1
1954	Starr, Jerry	OH	1974	20	51	1209	194	134	34	3	3	0
1976	Renfrew, Jim	NY	2003	19	56	540	91	59	10	0	1	1
1973	Sgrulletta, John	NY	1998	19	54	64	64	24	24	0	3	3
/	Callarman, John	? /	1970	17	50	740	138	72	20	20	3	6
1962	Edmunds, R. J. (taped)	NJ	1998	14	43	897	56	50	37	0	0	1
/	Fela, Joseph	NJ	1965	11	24	738	35	19	4	0	1	0
1962	Musco, Ron	CT	2003	10	50	1392	54	40	5	0	3	1
1965?	Neff, James R.	NY	1971	10	29	30	87	70	4	1	1	1
1964	Sorensen, Morris	ON/MB	1975	9	13	537	385	375	1	0	0	0
1958	Phillips, Dan	TN/AL	1974	5	26	567	40	21	9	3	1	0
1964	Heinen, Wayne	NY/CO	2003	5	26	1671	76	64	3	2	0	2
1966	Bruner, Jesse R.	KY	1966	5	23	132	27	17	3	2	0	0
1931	Holland, George B., Jr.	NY	1996	5	22	885	58	46	5	2	0	1
1947	Luton, Relfe	NC	1973	3	23	1049	142	102	4	33	0	0
1964	Whatmough, Dave	ON	1999	3	13	1014	15	6	1	0	6	0
1931	Steele, Sid	IL	2003	2	32	3108	122	104	12	8	0	1
1969	Falconer, Jeff	ON	2000	2	22	1091	20	14	2	2	0	0
1977	Wolfish, Niel	ON	1977	2	11	397	20	14	4	0	0	0
1965	Long, John	CT	1968	0	29	101	0	0	0	0	0	0
1958	Wesolowski, Ernie	NE	2004	0	26	1966	70	55	6	7	1	1
1992	Taylor, Pete	CA	1993	0	26	375	58	22	4	13	0	19
1976	Froemming, Gary	AZ	2004	0	24	624	131	157	25	9	0	1
1969	Karchevski, Bob	MA/CA	1975	0	24	204	141	112	0	6	0	0
1975	Swearingen, Paul (taped)	KS	2005	0	23	883	119	61	16	0	0	0
1967	Floden, Eric	ONT	1970	0	16	93	65	61	3	0	0	0
1968	White, Thomas	VA	2005	0	12	255	12	11	1	0	0	1
1968	Bytheway, Phil	WA	1982	0	9	457	20	0	0	0	0	0
1962	Edmunds, R. J. (paper)	NJ	1998	0	7	266	13	10	3	0	0	0
1973	Mount, Paul	NJ	1995	0	6	230	25	22	2	0	0	0
1964	Edmunds, R. J	NY	1999	0	3	76	1	1	0	0	0	0
1975	Harek, Daniel, Jr.	NE	1976	0	2	23	0	0	0	0	0	0

This IDXA is tabulated by European veries/tapes, with total veries as the tie-breaker. Thanks to Ben Dangerfield for his update. Although non-renewing members are routinely deleted from this list, if you've rejoined and don't see YOUR name in the listing above, send in your totals so we see YOU here next time!

Feel free to send in your updated totals in time for the next IDXA; you probably have a month or more. Remember, only taped or paper veries are counted, and mainland U. S. and Canadian catches should not be included in NA totals for either U. S. or Canadian DX'ers. Include your best catch from each continent and all other totals when reporting. And please update what you see above - I get letters, and lists of stations or countries, but no updates - and I can't update what you don't send! Our next column will feature Oceania totals.

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!



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Confirmed Greg Myers gregmyers1@juno.com
DX'er P. O. Box 20112
 St. Petersburg, FL 33742-0112

Your successes in obtaining QSL's and other station items

580	KIDO	Nampa ID, confirmation on report in 8 days. V/s Lee Eichelberger, DoE. (Wilkins—CO)
	KJMJ	Alexandria LA, f/d letter in 9 days. V/s Kelly C. Hatcher. (Jones—TN)
610	KVLE	Vail CO, prepared card in 3 days via KRCN address. V/s Ron Wicker (K4DTI), Sr. VP (Wilkins—CO)
640	WOI	Ames IA, f/d letter, fridge magnet in 7 days. V/s David J. Knippel. (Jones—TN)
690	CBU	Vancouver BC, f/d "CBC Radio" card in 16 days. Returned enclosed \$1.00. V/s Dave Newberry. (Griffith—CO)
720	WGN	Chicago IL, p/d card, sticker map in 10 days. V/s James J. Carollo. (Jones—TN)
730	KKDA	Grand Prairie TX, p/d letter, sticker, business card in 9 days for report and \$1.00. V/s Hymen Childs, Owner/President. (Griffith—CO)
810	WHB	Kansas City MO, p/d letter in 60 days. V/s unreadable. (Jones—TN)
940	WMIX	Mt. Vernon IL, n/d letter, sticker in 19 days. V/s Nicholas Lemey. (Jones—TN)
1010	KXXT	Tolleson AZ, prepared card, stickers and t-shirt in 12 days after a follow-up. (Wilkins—CO)
1040	WPBS	Conyers GA, n/d letter in 25 days. V/s Larry Young. (Jones—TN)
1240	KWIK	Pocatello ID, p/d letter in 11 days after a follow-up. V/s Rhett Downing (ND7O), CE. (Wilkins—CO)
1260	KSSL	Idaho Falls ID, f/d letter in 12 days after a follow-up. V/s Bruce Traue, CE. (Wilkins—CO)
1360	KAHS	El Dorado KS, f/d letter in 7 days. V/s David Ellis, OM. (Wilkins—CO)
1400	WLBS	Copperhill TN, n/d letter in 17 days. V/s Jenni Jones. (Jones—TN)
1420	KXOW	Hot Springs AR, n/d letter in 11 days after a follow-up. V/s Steven P. Gay, CE. (Wilkins—CO)
1460	WZNZ	Jacksonville FL, p/d letter in 11 days. V/s Christopher Wayne. (Jones—TN)
1490	KXRE	Manitou Springs CO, prepared card in 8 days via NRC Log address for KBNO-1280 V/s Illegible. (Wilkins—CO)
1520	KOKC	Oklahoma City OK, p/d card, stickers in 11 days after a follow-up. No v/s. (Wilkins—CO)
1530	KZNX	Creedmoor TX, p/d letter, sticker, Playstation "NCAA March Madness" demo disc, mug holder in 36 days after a follow-up. V/s Jcole [sic] McClellan, Technician. (Wilkins—CO)
1620	KOZN	Bellevue NE, prepared card, n/d form letter in 3 months after 3 rd follow-up. V/s Darwin Stinton, CE. (Wilkins—CO)
1670	WPTK330	Boynton Beach FL, City of Boynton Bch TIS, p/d e-mail in 5 days after an e-mail follow-up. V/s Wayne M. Segal, Public Affairs Dir. (Myers—FL)
1690	WRLL	Berwyn IL, f/d "1690 Real Oldies" card in 9 days after 2 nd follow-up. V/s Len O'Kelly (KB9ZCX), Overnight DJ. (Wilkins—CO)

Contributors: Patrick Griffith, Westminster, CO; David Jones, Springfield, TN; Greg Myers, Largo, FL; John Wilkins, Wheat Ridge, CO

Musings

of the Members

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

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

Here is the NRC column which matches the excitement of the Mummies Parade! When sending your items along, please keep them radio- and DX-related, of interest to the membership. All Musings are welcomed, but we can't accept voice letters recorded on Edison Cylinders! Here we go:

Peter A. Horton - 603 S. Kirkwood Road - Kirkwood, MO 63122-5948

The recent comments of LES RAYBURN and KEN CHATTERTON have caused me to reflect on a couple of pleasant experiences I've had with regard to stations inadvertently operating outside of their assigned parameters. In both cases, I called the chief engineers, who were very receptive and inter-

ested. A couple of years ago, I phoned WWVA-1170 and informed them I was receiving a beautiful signal in St. Louis for several recent consecutive nights and inquired if they had changed their night pattern. I told them in fact that the nearest high-power station to them that I would receive at the same time, KDKA-1020, only had half their signal strength at the same moment. Their CE expressed concern and said he would check their antenna system at once, and thanked me for the call. A couple days later their signal was gone. Then, about 3 weeks ago, I began enjoying excellent all-night reception, again on 1170, of KFAQ. I waited about a week (to give other NRCers in the East a chance to log OK if needed) and then called their CE about 4:30 PM CST. We had a very nice conversation, in which he told me the antenna switch to night pattern was automatic and computer controlled, and that it was obviously not working correctly and that he would personally check it "right now". He asked that if I would call him back the next day if his signal was still there. And even though it was totally gone later that night, I left a message the next morning to tell him everything was now all right. In none of these conversations did I mention the NRC, though I believe the conversations were very positive for all parties. Another method of accomplishing the desired result if the offending station is obstructing a program you wish to hear. A station in Hibbing, MN which points its signal to the North at night with 1000 watts (down from 10000 watts non-directional days) had been blocking reception of WSM-650 for several nights. I called the MN station, leaving a polite message that they were blocking WSM in St. Louis at night, only 300 miles away from Nashville. Since the interference continued for several nights thereafter, I called the CE at WSM and asked if I might play a tape for him on which he could hear that WSM was buried in interference and which happened to include the station ID of the MN station. He thanked me for calling and in a day or so, things returned to normal and I was again able to enjoy the unique WSM programs. Let me again emphasize I never mentioned the club in my conversations. And since I have no use whatever for the FCC (due to the gross mess they have made of the AM band). I would never waste my time communicating with them. A while back, WHB-810 was clearly operating in the summer at night using either 50000 watts, or non-directional, or both for ball games. I was a little amused at seeing loggings from the East at that time. I also observed a MD logging of KFAQ during their recent period when they were non-directional. I wrote these random thoughts for the benefit of those who "want to make it right" (like me) but without offense to the station or the hobby. I usually explain that I have enjoyed their programs heard during the anomaly, that I am sure that they are not aware that something may be amiss, and "I just don't want you to maybe get in trouble with the government" in case the Feds are listening (as if they care!). 73s (Well-done, Peter, thank you-DWS)

Peggy Leifert - 2516 Waterbury Dr - Woodridge, IL 60517-4246 - cubsfan222001@yahoo.com

Hello everyone; it's been a LONG time since I've Mused, but here goes: Much sadness at the passing of Jim Conrad; my sincerest condolences to his family and friends. The "Conrad Family Reunion" several years ago was my first DX GTG, and Jim was a gracious and entertaining host. I was fortunate to sit next to him at breakfast, and, let me tell you, there was no end to the jokes and entertaining stories the whole time! Jim, send us down some good DX when you get a chance. OK? Probably my best catch this season was last fall on the way to a job site in Bloomington-Normal. On interstate 55 at about the 224-mile marker I heard, "If you want to listen to News 1130 at work, log on to News1130.com and click on...." then I zoomed out of range. With an assist from the internet, I found out I had been listening to CKWX. With their directional pattern, we really shouldn't be hearing them in the Midwest. This was on a caradio/CD player I bought at a flea market! While cruising 55 at the 194 mile marker I discovered a rest stop that looks like a good spot for a mini-DXpedition. My brother Lester and I have been known to break out the equipment at highway rest stops, away from the Chicago omnidirectional blowtorches. One of our favorites is on Interstate 65 in Wolcott, Indiana. Stop by and say hi if you ever see us! 73 (Thanks for your report, Peggy; it'd be interesting to see what you hear at your Rest Stop DXpeditions! -DWS)

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

Peter's report brings to mind a call that I had received from a Canadian engineer reporting interference to London, ON on 1410, that WDOV was 'loud and clear' in their parking lot! Having then just taken over as CE, I indeed found a problem and that their pattern had basically "flipped". It took about 3 or 4 days to get that pattern right, where the previous engineer had set the antenna system to readings on a faulty antenna system monitor. So things like that do happen. And I have seen instances where a station will be visited and everything checks out OK and operating properly, that after leaving an hour later, something would break down and put the antenna system out of wack! In the instance of WNRK-1260, I knew something was wrong when I could hear the station clearly. Where I lived was in a very deep null toward WBUD, and at 7 miles distant, the station wasn't listenable due to the pattern distortion.

The convention will feature a buffet style dinner on Sunday night this year, and I think I may have a lead on a very unique guest speaker! More as it becomes available. I want to thank JOHN BOWKER for his help with getting things together for the convention; he has been a great help. Hopefully, with its location, we'll have a good turnout! There will be lots to do for all! That's it; send YOUR Musings along! 73