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

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

Note: to all editors and contributors: Not all contributions to DXN sent in the body of an e-mail can be accepted any more, as "hidden" characters in the body screw up the .pdf copy used to print DXN. I have to retype the entire body of copy when you send me text in e-mail; no thanks.

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

Friday night: Slide & Sound show: "AM Radio in Tampa Bay, and just what is Tampa Bay?"
Saturday morning: Tour of WFIL-560 and WNTP-990.
Saturday afternoon: Open Time — display of radio newspapers and magazines from the 1920s, including books of call letter histories.

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

Sunday morning:
9 AM Candy Quiz. Radio station questions will be called out. The first person to answer will get wrapped candy thrown to him. The questions are easy, so you have to be quick.
9:30 AM — Review of upcoming DX Audio Service Travelog. Recordings of stations at 9:30 on the dial west of the Mississippi will be played and comments from attendees about each recording will be solicited. The results will be scripted for the October DX Audio Service.
10:15 AM — The Official 2005 DX Quiz composed by Frank Merrill. This means Frank can't be the winner this year! The winner gets a free membership for a year in the National Radio Club.

Sunday afternoon: 1:00 PM — Dave Marthease, "Managing a small station in a Small Town."
3:00 PM — Ben Dangerfield, "Philadelphia Radio during World War II."

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

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

DX Time Machine
From the pages of DX News:
50 years ago... from the August 13, 1955 DXN: Morton Schlesinger, New York City, reported his 4th and 5th countries verified: #4 Puerto Rico (WISO via Air Mail letter), and #5 Cuba (CMQ with a green-and-white QSL card).
25 years ago... from the August 11, 1980 DXN: John Callarman announced that the AM Log would be a bit late, but he hoped to have it out by Labor Day.
10 years ago... from the August 14, 1995 DXN: Bob Harrison's "Chicagoland Call Letter History appeared in this issue of DX News.

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

Remember, DXN will only be published four times a year. It's a big job, and we need your help to bring you the very best in DX information. If you have suggestions for DXN, send them to DXN, 5160 South Street, Philadelphia, PA 19144. DXN is published by the National Radio Club. DXN is available free to members of the National Radio Club. Non-members may subscribe for a $5 per year. DXN is protected by copyright.

Publisher  Justine Callarman
CALL LETTER CHANGES

Old Call  New Call  Change

710 WQKI  SC St. Matthew's  WPOG
740 WGSN  NY Huntington  WNYH
790 KOOR  CA Clovis  KFTP
970 WRKN  MS Brandon  WZQK
970 KTRW  WA Spokane  KTTD
1050 WACR  MS Columbus  WTGW
1160 WZFN  AL Saraland  WKTT
1190 KMYL  AZ Tolleson  KNUV
1210 KDDS  WA Auburn-Federal Way  KWMG
1250 WLFI  NY Little Falls  WXIT
1250 WQNA  PA York  WYYC
1260 KSUR  CA Beverly Hills  KKGO
1310 WCMS  VA Norfolk  WGH
1320 WAMR  FL Venice  WDDV
1340 KIDS  MO Springfield  KADI
1340 WRTH  MO St. Louis  WIL
1490 WUBR  MI Whitehall  WODJ
1490 KRAC  WA Forks  KBBS
1510 KMZT  CA Piedmont  KPIG

Call correction from last issue

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

CPs ON THE AIR

750 KHWG  NV Fallon - Program Test Authority (PTA) granted for U4 7500/250  CH 7500.
930 WLOA  FL Sarasota - CP for U4 5000/3000 is on the air.
1030 WQNY  FL Oviedo - Has been reported to be testing their new rig for their CP for U2 44000/1700.
1030 WEBX  GA Calhoun - CP for U4 5000/3 is on the air.
1060 KRON  CA Longmont - CP for U1 30000/111 is on the air. The new 195' daytime tower is at N40-16-51, W104-56-25 while the nighttime signal continues to emanate from the old site at N40-11-28, W105-07-39.
1150 WJRD  AL Tuscaloosa - CP for U2 20000/1000 is on the air. WJRD still has a pending application to move the Col to Northport, Alabama.
1150 WHBY  WI Kimberly - Has been reported to either be testing, or on their CP for U4 20000/25000 from their new 6-tower site at N44-00-20, W88-32-46.
1240 WOBT  WI Rhinelander - PTA granted for U1 950/1000, relocating the transmitter to N45-37-42, W89-23-38. Their new tower is 400' tall, with the bottom 200' being a folded unipole 'skirt'.
1270 WYXC  GA Cartersville - CP to increase daytime power to become U1 2000/187 is on the air.
1270 KAJO  OR Grants Pass - CP for their upgrade to U1 10000/48 is on the air.
1330 WEZY  FL Milton - PTA granted for a daytime power upgrade and relocation of the transmitter. WEZY is now U5 25000/79 from N30-31-05, W87-04-56 using six in-line towers. The bulk of the pattern goes due west. The nighttime 79 Watts is still transmitted from the old single tower site at N30-37-12, W87-01-21.
1340 WITS  FL Sebring - CP to move to a new 217' tower at N27-30-30, W81-25-20 is on the air.
1340 KSGB  WY Jackson - PTA granted for KGST to move to an existing 183' tower at N43-27-45, W110-47-37, remaining U1 1000/1000.
1350 WKCU  MS Corinth - CP for U1 900/44 is on the air.

1390 KFFK  AR Rogers - PTA granted for U1 5000/30 from a new tower at N36-23-18, W94-11-34.
1400 WPAY  OH Portsmouth - CP and PTA granted to decrease power to U1 800/800 from a new taller tower (25%) at N38-43-22, W83-00-45.
1410 KCHC  TX Huntsville - PTA granted to move from 1400 kHz with U1 250/7 from the new location of N30-42-54, W95-31-42.
1470 WBFC  KY Stanton - CP for U1 850/82 is on the air.
1520 WDMN  OH Rossford - CP for City-of-License (CoL) change from Toledo is on, with U4 500/400 from new 3-tower site at N41-30-32, W93-33-67.
1340 WBIN  TN Benton - CP for U1 1000/4 CH 500 is on the air from adjusted coordinates of N39-50-10, W84-38-34.
1620 WNRP  FL Gulf Breeze - CP for U1 10000/1000 is on with a country format. Originally, this station was in Atmore, Alabama, but after a series of applications and amendments it has landed here. The transmitter is in Pensacola, Florida at N30-26-12, W87-13-13.

GRANTS TO EXISTING FACILITIES

560 WCAI  NC Elizabeth City - Coordinate adjustment to N36-20-16, W76-14-49.
910 WDFE  MI Flint - Licensed for U4 5000/1000, WDFE received an earlier CP for an upgrade to U4 50000/1000 with the day facility from a new 8-tower site about 50 miles south of Flint, while retaining the night site to cover the city-of-license. WDFE then filed for, and now has been granted, a CP for U4 50000/19000 with a change in CoL to Farmington Hills, Michigan from the 8-tower site at N42-03-57, W83-23-39.
800 KPDQ  OR Portland - CP granted for U2 1000/600.
960 WGGT  FL North Palm Beach - CP granted for U5 1200/250.
1050 WBRG  VA Lynchburg - CP granted to increase daytime power to become U1 4000/988.
1150 WRUN  NY Utica - Application granted to convert station to non-commercial status.
1150 KAGO  OR Klamath Falls - Coordinate adjustment to N42-12-56, W121-45-51.
1230 KZVS  WA Sunnyside - CP granted to move here from 1210 kHz with U1 700/700.
1270 KEPS  TX Eagle Pass - CP granted to increase the height of the tower to 280' to accommodate their FM station KINL. This will necessitate a decrease in daytime power. But, they are now authorized to add nighttime service. When operational, KEPS will become U1 890/32 at the adjusted coordinates of N28-43-57, W100-29-34.
1310 WGPY  NC Charlotte - CP granted to erect a second tower in order to add night service. When built, WGPY will be U2 5000/240.
1340 WCMU  KY Ashland - CP granted to increase power to be U1 1000/1000.
1380 KQKD  SD Redfield - CP granted to change from commercial to non-commercial.
1400 KTMJ  OK McAlester - Coordinate correction to N34-56-58, W95-46-01.
1430 KMBM  CA San Gabriel - Application reinstated and CP granted to add one tower to their array in order to increase power levels to become U4 5000/9600. Due to the addition of that tower, the center point coordinate is adjusted to N34- 07-08, W119-04-54.
1460 WRVK  KY Mount Vernon - CP granted to increase daytime power to become U1 1200/93.
1490 WOLF  NY Syracuse - CP granted to discontinue daytime directional operation. WOLF is now U1 1000/1000.
1350 KGBT  TX Harlingen - CP granted to make slight changes in their night pattern and to correct the coordinates to N26-22-33, W97-53-43.
1560 KCAA  SD Aberdeen - CP granted to change from commercial to non-commercial.
1600 KMAW  TX Cockrell Hill - Application reinstated and CP granted for U4 25000/930.

GRANTS TO PENDING FACILITIES

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

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

APPLICATIONS FROM EXISTING FACILITIES

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

940 WYI(1) LA New Orleans - Coordinate to N29-53-57 W90 00-17.

970 WWHJ NJ Hackensack - Currently licensed as U4 50000/5000, WWHJ has applied for some changes. The Engineering Exhibit clearly states they are filing for an increase in daily power to 10 kW. No other changes are proposed on this document.

The initial application on Form 301 with an assigned file number of H02300591AP4 4-sites-6 kW days and 3.8 kW nights. And all on-line data says U4 60000/8500, WWHJ has been operating under an STA since they moved to, and deployed into, the WWTVV-1330 three-tower array back in 2000. Although officially they are still licensed for 5 kW nights, in actual practice the STA requires them to reduce to 3.8 kW as a compromise to using towers in a pre-existing configuration. Since they couldn’t move the towers around to produce the exact nulls of their previous antenna system, 3.8 kW was the most they could use and still maintain the required protection to other stations. Now they are seeking to increase daytime power and make the 1330 sit their permanent home. This will, in effect, cancel the STA and make their 3.8 kW night power their licensed power since the STA will go away. They will no longer be licensed for 5000/5000, but using 5000/3800 watts as an STA, they will become licensed as 5000/3800. In actuality, it won’t change a thing from present practice, but only make the STA the licensed facility with slightly higher day power. Unfortunately, there is no on-line reference for any STA actions.

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

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

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

1270 WXGO IN New Prague - Applies to change the Col to Aurora, Illinois with D3 330/0.

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

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

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

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

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

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

1510 WSGQ PR Lajas - Applies to change Col to San German, Puerto Rico.

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

1580 WBCP IL Urbana - Applies to reduce their power levels to be U1 135/6. The reduced power is necessitated as they share a tower with LWRX-FM, which has applied to increase the height of the tower from 973 to 413.

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

AMENDMENTS TO CONSTRUCTION PERMITS SUBMITTED

770 WEW MO St. Louis - Licensed for D1 10000. WEW has a CP to increase daytime power and add night service as U4 10000/205 by adding a second tower to their present site. This amendment decreases the night power by 5100 Watts, and proposes a new two-tower site which reduces overlap with WBBM-780.

1080 WHOQ FL Kissimmee - Licensed for D3 100000, WHOQ has a CP to increase daytime power and add CH operation as D4 10000/0 CH 10000. Along with an application to change Col to Winter Park with U7 27000/2000 CH 4000. This amendment requests U7 19000/190 CH 10000 at Kissimmee.

1250 WNEM MI Bay City - Licensed for U4 10000/129, WNEM has a CP to change their Col to Bridgeport with U4 5000/1100. This amendment requests U4 5000/129 from Bridgeport.

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

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

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

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

AMENDMENTS TO APPLICATIONS SUBMITTED

620 WHKB PA Irwin - Licensed for U1 5500/50, WHKB has a CP to increase their night-time power to be U2 5500/250. They also have a pending CP for D3 5500/0, plus an amendment requesting U4 5000/5000. This application is for a (temporary) night site from an existing communications tower, adding a folded unipole antenna attached to this tower with a ground system installed. This set-up is anticipated to be used during the application process of, and during construction of, the night operation as requested in the above application. If all of this is approved, this operation would result in U1 800/100 while the new 5000/5000 facility is built. Then the 100 Watt site would be used for auxiliary purposes only.

630 WDGY WI Hudson - Licensed for U4 1000/250, WDGY has applied to move their transmitter site to that of WCTS-1030, Maplewood, Minnesota, using three of their five towers with U4 1000/250 while changing their Col to St. Paul. This amendment requests U4 2500/250 from that new site.

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

770 WKFQ PA Jeannette - Licensed for D1 7500/0, WKFQ has a pending to change their Col to North Huntingdon, Pennsylvania. This amendment requests CH operation with 750 Watts be added.

820 WAIT IL Chicago - Licensed for D1 5000/0, WAIT has a pending application to change their city-of-license to Willow Springs, Illinois. This application proposes six new towers at a second site near Ridgewood, Illinois in order to become U2 3000/1500. The proposed night pattern directs all of the power directly toward Nipigon, Ontario (and away from WBAF). Nipigon is the site of a proposed new 820 facility with U2 1000/1000. WAIT’s owners have completed a study of 18 frequencies, and they propose that the allotment of 820 kHz be changed to 770 kHz with U2 1000/1000, allowing WAIT to have 1500 Watts nights. If the Canadian Government does not allow this allotment change, WAIT would back off to a 900 Watt nighttime level with a slightly different pattern.

970 KHVN TX Fort Worth - Licensed for U1 10000/270, KHVN has two pending applications on the books. One is for U1 500/239 while this latest is for U1 600/245. Both applications request a Col change to Bedford, Texas.

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

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

1280 WOWZ VA Appomattox - Licensed for D1 10000/0, WOWZ has a CP to increase daytime power and add nighttime service as U1 5000/58. They also have a
pending application to move up 10 kHz to 1290 with U1 6000/17 with a change in Col. to Roanoke, Virginia. This amendment requests U1 10000/17 on 1290 at Roanoke.

1360 WKAT FL North Miami - Licensed for U1 5000/1000, WKAT has applied to build a new 5-tower site in order to increase power to become U1 5000/5000. The FCC asked that the proposal be altered so as to reduce daytime radiation toward co-channel W2D. This amendment includes that change.

1360 KHOJ MO St. Charles - Licensed for U1 5000/0, KHOJ had applied for U1 5000/165. This amendment requests U1 5000/350 by adding a tower to their standing three.

1400 WOLF NY Syracuse - has deleted the part of its application for CH operation. The application now reads U1 1000/1000.

1560 KLLT MO Macon - Licensed for U1 1000/0, KLLT has a pending application to move to 660 kHz with U1 1000/25 with a Col. change to Springfield, Missouri. This amendment requests U1 1500/44 on 660 from Springfield.

1590 NEW AL Opp - Original Auction 84 application was for U4 5000/240. This amendment requests U4 500/190.

1590 NEW NV Las Vegas - Original Auction 84 application was for U4 5000/470. This amendment requests U4 8000/2000.

APPLICATIONS FOR NEW STATIONS

540 NEW NY Pine Bluffs - Applies for U4 900/700.
600 NEW NV Elko - Applies for U2 500/250.
660 NEW FL White Springs - Applies for U4 5000/250. White Springs is on US 41 just north of I-10 and a couple of miles east of I-75.
670 NEW VT Essex Junction - Applies for U7 5000/300 CH 20000.
770 NEW AL Saraland - Applies for U7 1300/690 CH 13000.
810 NEW MN Wilton - Applies for U4 400/400.
890 NEW CA Huntingdon - Applies for U4 5000/500.
1020 NEW ID Kuna - Applies for U2 50000/2000. Kuna is about 10 miles southwest of Boise. It appears the transmitter site is at or near that of the day site of the new KDJQ-Q90.

1100 NEW TX Chapel Hill - Applies for U4 1000/250.
1160 NEW AK Chugiak - Applies for U1 30000/400.
1230 NEW GA Smithville - Applies for U1 1000/1000.
1240 NEW CO Carbondale - Applies for U1 1000/1000.
1340 NEW MT Huntley - Applies for U2 250/250.
1370 NEW WA Newport - Applies for U1 5000/350.
1400 NEW NV Tonopah - Applies for U1 1000/1000.
1410 NEW VA Midlothian - Applies for U4 360/220 CH 220.
1490 NEW UT Spanish Valley - Applies for U3 1000/1000.
1560 NEW WA Burbank - Applies for U4 10000/1600.
1590 NEW TX Kerrville - Applies for U2 920/250.

APPLICATIONS REINSTATED

550 KLLV CO Breen - License renewal application.
650 NEW AZ Casa Grande - Application is for U4 250/250.
730 NEW NY Lansing - Application is for U4 2500/720.
890 NEW VA Exmore - Application is for U1 250/220 CH 220.
1550 NEW FL Bunnell - Application is for U2 920/200.
1580 WYVZ PA Columbia - License renewal application.

APPLICATIONS FROM EXISTING FACILITIES DISMISSED

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

OTHER APPLICATIONS DISMISSED

770 NEW FL Nassau Village-Ratliff - This unbuilt station has a CP for U4 5000/410 and later filed an amendment to change the Col. to Baldwin, Florida. The amendment has been dismissed.

PETITIONS FOR RECONSIDERATION FOR APPLICATIONS

1160 KNEI IA Waukon - Late-filed Renewal Application
1450 NEW HI
1270
8
1440 KELG TX Manor 1510 KMND TX Midland 1600
1410 KNAL TX Victoria 1490
1410 KBAL TX San
1450 KBEN TX
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1410 KLVQ TX Athens 1400
1410 KTEM TX Temple
1450 KTVH TX Galveston 1470 KXYW Atibine 1500
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
Domestic DX Digest
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501 Algonia St. - Madison, WI 53704-4812

East: Ginnie Lupi DXDX-E@nycap.com
PO Box 4404 - Clifton Park, New York 12065-0453

DX Catches in the U. S. and Canada, with 24-hr. E.I.T.

DDXD-West
FROM THE VAST WESTLAND

- Summertime, and the livin’ is easy, but the DX is slow! Time for a little trivia fun. This question was inspired by the great love that so many DXers have for baseball on the radio. Until 1955 when the Braves moved from Boston to Milwaukee, only four (one-quarter) of the 16 Major League teams were from the present DDXD-W reporting territory, the Vast Westland. Two of these were located in Chicago and two in Saint Louis. Today there are 30 MLB teams. How many of them are located in the Vast Westland? The answer can be found at the end of this column.

- Although the column is short this month, the quality of the loggings is excellent, thanks to our dedicated group of reporters!

- A reminder—there is still time to make plans to attend this year’s Madison-Milwaukee DX Get-together, but not much. If you would like to learn more about this event, please e-mail me. Hope to see you in Madison on August 20? 73 Bill

Reports

DDXDX-W

KRMX CA Carmel Valley. Per Monterey Herald, Monterey County Weekly and Billboard Radio Monitor, KXME was sold, and the new ownership changed calls and flipped it from Spanish talk to English-language talk on 7/21. Station features Stephanie Miller, Ed Schultz, Bill Press and Thom Hartmann. (DP-HI)

KFYI AZ Phoenix. 7/19 0420. “Coast to Coast AM with George Noory” in progress, seven seconds ahead of KFI-640. Last heard as KOY years ago. Poor; KUZZ rippy underneath. (DP-CA3)

KRAM UT Price. 7/16 0221. “Coast to Coast AM with George Noory” in progress; local ad, net ad, ID missed. Poor; sandwiched between KCBS 740 and KFMB 760. (DP-CA1)

UNID 7/18 0018. Two SS stations noted, one with nortena music, the other with a man in echo chamber talking, second man (no echo) talking. It’s possible one of them was a mixing product of KJZ 930 and KABC 790. No KFI 640 splatter. (DP-CA3)

KOAI UT Price. 7/16 1915. Strong and ominous-sounding carrier noted. This used to be KMYD a long time ago. Heard in Santa Ana. (DP-CA2)

KNWQ CA Palm Springs. 7/18 0112. Art Bell over/under mess, one station with two-man hot talk (KHTK) along with another station. No sign of SS station. Very good to poor. (DP-CA3)

WGN AP WI Poyntelle. 7/18 0330. Presumed with discussion of programming “here on Relevant Radio”. Heard on car radio while in Bemidji. (RT-MN)

Fort Dodge. 7/20 0300. “You’re listening to the Sporting News Network here on AM 1400” followed by call letters which sounded like “KSBE”, a phonetic match. However, KFVD is listed with a nostalgic format, and an e-mail to the Sporting News Radio website inquiring about affiliates has gone unanswered, as have phone calls to the station. It is possible that they run sports late night, but no way to know at this time. (RT-MN)

KAVT CA Fresno. 7/25 0333. Probably them with Chic’s “Le Freak,” Gwen Stefani’s “If I Were a Rich Girl,” female DJ mentioning Radio Disney and taking request from kid, net promos. Fair to very poor. (DP-HI)

Regular DX Loggings (times in ELT)

KSMB LA New Orleans. Adds Air America Radio and Ed Schultz 7/25 per their associated websites. (DP-HI)


KFOY AZ Phoenix. 7/19 0420. “Coast to Coast AM with George Noory” in progress, seven seconds ahead of KFI-640. Last heard as KOY years ago. Poor; KUZZ rippy underneath. (DP-CA3)

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Regular DX Loggings (times in ELT)

KSMB LA New Orleans. Adds Air America Radio and Ed Schultz 7/25 per their associated websites. (DP-HI)


KFOY AZ Phoenix. 7/19 0420. “Coast to Coast AM with George Noory” in progress, seven seconds ahead of KFI-640. Last heard as KOY years ago. Poor; KUZZ rippy underneath. (DP-CA3)

UNID 7/18 0018. Two SS stations noted, one with nortena music, the other with a man in echo chamber talking, second man (no echo) talking. It’s possible one of them was a mixing product of KJZ 930 and KABC 790. No KFI 640 splatter. (DP-CA3)

UNID 7/16 0221. “Coast to Coast AM with George Noory” in progress; local ad, net ad, ID missed. Poor; sandwiched between KCBS 740 and KFMB 760. (DP-CA1)

UNID 7/16 1915. Strong and ominous-sounding carrier noted. This used to be KMYD a long time ago. Heard in Santa Ana. (DP-CA2)

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1080 Kawai HI Honolulu. 7/23 0712. Noted off the air; no other Honolulu stations were off. Two signals noted weakly, probably KSCO-CA and KFXX-OR. Off all day 7/23; back on at 4:07 PM. Again noted off early morning of 7/30 but back on in the afternoon. (DP-HI)


1150 KTLK CA Los Angeles. 7/25 0340. Noted in passing with “Best of Randi Rhodes.” Fair. (DP-HI)

1170 KCBQ CA San Diego. 7/16 0207. Noted in passing with replay of Mike Gallagher. Very poor, signal almost nil; KSL 1160 much stronger with Lars Larson. (DP-CA1)

1200 WOAI TX San Antonio. 7/18 0000. “1200 WOAI” by a male announcer at the end of a weather report. Decent copy under WRTX. (GH-HL)

1220 WHKW OH Cleveland. 7/16 0100. Top of Hour ID “WHKW Cleveland WHKZ Warren.” repeated twice by a male announcer: Fair copy, no WJOB 1230 slop. (GH-HL)

1230 WHOP KY Hopkinsville. 7/13 0300. Poor but clear; “This is Kentucky’s Western News, weather and sports station. This is NewsTalk 1230 WJOB-AM Hopkinsville.” into CBS news. Relog. (JRR-WI)

1250 WKLK MN Cloquet. 6/17 0200. “Pearly Shells” followed by “You’re listening to...on AM 1230, WKLK Cloquet.” What may have been news. Faded out shortly thereafter. Distance 127 miles. (RT-MN)

1250 WGL IN Fort Wayne. 7/12 2320. “First Light.” (JJR-WI)

1270 WSP WSS WI Milwaukee. 7/16 2358. “Sports Radio 1250 WSSP Milwaukee” by a male announcer. (GH-HL)

1280 KCGO CA Beverly Hills. 7/17 1054. “Jewish Soul” program one minute behind XESURF 1230. KCGO 640; at 1102 straight into adult standards music two minutes behind XESURF, thereafter. Distance 127 miles. (DP-CA2)

1300 CIWW ON Ottawa. 7/22 0049. Oldies, singingingle “Oldies 1310 Ottawa” and voice ID “Oldies 1310.” Local WIBA was running an open carrier at the time, and did not resume programming until CBS News at 0001. (Ed.-WI)

1350 WZNN NC Black Mountain. 7/24 2326. “Skeptalk 1330 WZNN” by male announcer. Decent copy with much fade and some co-channel interference. (GH-HL)

1400 WDWS IL Champaign. 7/23 1927. Ad for a bank in Champaign and ID by a male announcer, “...here on DWS.” Bad QRM from WGL and WJSM and others. (GH-HL)

1450 KDIF CA Riverside. 7/15 1434. SS Noted in passing with slogan “La Preciosa”; nortena called in the vicinity; perhaps broadcasting only on event days (like the day of the race in the vicinity). (DP-CA4)

1450 WMIQ MI Iron Mountain. 7/5 0505. Poor; calls popped out in mess; weather program “First Light.” (JRR-WI)

1490 WTIQ MI Manistique. 7/30 0121. Poor; Jingle between two oldies, “Cruisin’ 1490 WTIQ.” Not heard for a while. (JRR-WI)

1500 KBUR IA Burlington. 7/30 0200. Poor, but nice fade-up with legal ID, CBS news. (JRR-WI)

1500 KTOP KS Topeka. 7/31 0424. Poor but clear. “Music of your Life on KTOP.” Rare! (JRR-WI)

1510 KC UV CO Littleton. 7/11 2333. Blues, C&W, “Here on KCUV,” “kcuvradio.com.” NEW. (SP-WI)

1560 WPAD KY Paducah. 7/5 1316. “ESPN Radio AM 1560 WPAD” by a male announcer; three different IDs during my listening period. Weak signal, much QRM from WQEW on frequency and WBGX 1570, a local. (GH-HL)

1580 WSNH296 CA Los Angeles. 7/17 1808. Chris Hines with traffic info, instructions on driving around the terminals at L.A. International Airport (where airlines are located, etc.). Never heard this far away without a loop. Poor. (DP-CA1)

1620 WPAC337 CA Hollywood. 7/18 1805. Hollywood Bowl TIS noted off the air while driving in the vicinity; perhaps broadcasting only on event days: like the day before for?) (DP-CA4)

1230 UNID CA Seattle. 7/15. Noted sign on I-5 Golden State Freeway northbound between South State College and Katella/Disney Way exits telling drivers to tune to 1230 for traffic info. I did so, and all I heard was KYPF with usual Korean programming. (Does KYPF know about this?) Noted in Anaheim. (DP-CA2)


DDXD-East

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

REPORTERS

MKB-ON Mike Brooker, Toronto – Grundy YB-401PE, Panasonic RF-2300.

HJII-PA Harry Hayes, Wilkes-Barre – Zenith Trans Oceanic, Kiwa Pocket Loop.


IEN-GA Ira Elbert New, III, Sapelo Island - Sangean ATS 909.

IEN'GA Ira Elbert New, III, Watkinsville - Drake RBB, 135 N/S Wire.


DP-HI Dale Park, Honolulu – Station News.

JS-OH Jerry Starr, near Youngstown – Station News.

STATION NEWS

909.2 WAVL PA Apollo – seems to be on this frequency, first noted 8/1. (JS-OH)

930 WEOL OH Elyria – Per Cleveland Plain Dealer, station adds Fox Sports Radio 7/16 and will broadcast the network weeknights and weekends. Also adds Glenn Beck. (DP-HI)

WRVC WV Huntington – Adds “Al Franken Show” 6/27 per program; station slogan is “Progressive Talk 9-30.” (DP-HI)

940 WGRP PA Greenville - had been silent, back on with very low power to Valencomb antenna. Duo TOH ID with WLOA-1470 as “Wexie 107 Goodtime Oldies,” even though WEXC is no longer carrying this programming. See WLOA 1470. (JS-OH)

1350 WRF OH Akron – Per Cleveland Plain Dealer and website www.geocities.com/ liberalprogressiveTalk/index.html, station adds Air America 7/2. (DP-HI)

1470 WLOA PA Farrell – “has simulcast” of “Wexie 107 Goodtime Oldies” along with WGRP-94. Even though WEXC-107.1 is no longer carrying this programming, they are now something called “Freak 107” with Christian rock. (DP-HI)

1500 WASN OH Youngstown – Now Spanish. (JS-OH)

1520 WJMP OH Kent – Per Cleveland Plain Dealer, station dumped Fox America in early July after only two months and picked up Fox Sports Radio. (DP-HI)

STATION LOGGINGS


610 WAGG AL Birmingham – 7/16 0602 – Calls and slogan, “traditional and modern gospel,” then music in null of semi-local WTVN. (JS-OH)


660 WMIC MI Sandusky – 7/28 1124 – weak but steady groundwave with C&W, local weather “from your news and information station WMIC” into ABC Wall Street report, ad for Nixium (purplepill.com). (MKB-ON)

720 WZRN FL Hernando – 7/16 0545 – MYL-type nostalgia format under WGN null, finally
Can’t access the Internet to find out about last-minute DX tests? Join Les Rayburn’s Flash Alert System to receive notice about late-notice tests and special events. Just send Les 10 or more self-addressed postcards, and he’ll be sure to keep you up-to-date and even notify you when your calls are down to five cards. Send your cards to Les Rayburn, 100 Centerview Drive, Suite 11, Birmingham, AL 35216-3748. It’s almost as good as being wired!

Flash Alert Postcard System

The receiver location can help to visualize the actual shortest signal path. Create your own Great Circle map using free software downloadable from the Paul Burton AAGZ website. AZMap: An Acoustic Bearing Distance Map Generator. Distances in the following logs are calculated using Great Circle software from the Delphi for Fun website. It estimates the surface distance between two points defined by their latitude and longitude, calculating distance using formulas for a perfect sphere and for the slightly "squashed" or ellipsoid shape of the Earth which can result in as much as 40 miles difference. I'm using the ellipsoid calculations here.

Transatlantic DX

153 ALGERIA Clatte 1, Bechar (31°38’N 02°18’W) MAY 6 0442 - Drumm music. MAY 6 0442 - Man and woman talking; weak. [Perkins-NJ 3967mi 6384km] JUL 28 2346 - Arabic male vocal; at low audio level on good carrier. [Connelly*R-M 3744mi 6025km]
154 FRANCE France-Inter, Allouis (47°10’N 02°12’E) JUN 6 0302 - Man and woman in French. JUN 30 0315 - Man and woman in French. [Perkins-NJ 3964mi 5944km] JUL 29 0136 - Caribbean style instrumentation. [Connelly*R-M 3454mi 5595km]
155 MOROCCO R.Mediterranee Internationale, Nador (35°03’N 02°55’W) JUL 28 2345 - Slow Arabic vocal; fair to good. [Connelly*R-M 5780mi 9309km]
156 GERMANY Europa No. 1, Felsberg (49°17’N 06°41’E) JUN 6 0346 - Man and woman in French. JUL 29 0136 - Same. JUN 30 0216 - Man talking, music. [Perkins-NJ 3825mi 6156km] JUL 29 0137 - Tone test; strong. [Connelly*R-M 5785mi 9309km]
157 ALGERIA Ouargla (31°57’N 05°05’E) JUL 28 2346 - Bits of Arabic music; over subaudible heterodyne likely from UK. [Connelly*R-M 4096mi 6952km]
158 FRANCE RFC Roi Moumous (43°47’N 06°09’E) JUL 14 0216 - Man and woman. JUN 30 0231 - Man in French. [Perkins-NJ 3967mi 6384km]
159 LUXEMBOURG R.Luxembourg, Junglinster (49°40’N 06°19’E) JUL 14 0315 - Man talking. JUN 30 0228 - Music. [Perkins-NJ 3799mi 6414km] JUL 29 0139 - Rock music; fair to good. [Connelly*R-M 3798mi 6414km]
160 IRELAND Tipaza (36°35’N 02°27’E) JUL 28 2345 - Music mixing with Ireland. [Connelly*R-M 3798mi 6414km]
161 ALGARMA Tipaza (36°35’N 02°27’E) JUL 28 2345 - Music mixing with Ireland. [Connelly*R-M 3798mi 6414km]
162 IRELAND RTE R.1, Clacton (54°22’N 07°01’W) JUL 29 0136 - Likely this with folksy religious vocal; over Algeria and Germany. [Connelly*R-M 2921mi 4701km]
163 IRELAND RTE Tullamore (53°17’N 07°22’W) JUL 29 0136 - Parallel 252 with talkshow in
English: fair over Spain. [Connelly*R-MA 2922mi 4702km]

858 SPAIN  RNE  Madrid (40°28'N 03°52'W) JUL 29 0131 - Parallel 684 with two men in Spanish; good with WEZE phased. [Connelly*R-MA 3370mi 5423km]

864 unID JUL 22 0040 - Initially loud but weakening fast against 650 WSRO, probably the same as Mark Connelly trying to get there. Gambia likely. [Conti-ME] See International News.

684 SPAIN  RNE4  Sevilla (37°12’N 05°55'W) JUL 29 0131 - Parallel 585 with men in Spanish; fair with WRKO phased. [Connelly*R-MA 3373mi 5428km]

869 UNITED KINGDOM  BBC R. 5 Live, Droitwich et al. JUL 29 0037 - Sports-related talk mentioned, United Kingdom; good with CINF phased. [Connelly*R-MA]

711 FRANCE  France Info, Rennes (47°51'N 01°30'W) JUL 29 0125 - Parallel 1206 with hard rock; fair over rumble. [Connelly*R-MA 3370mi 5272km]

765 GERMANY  Deutschlandfunk, Braunschweig & Ravensburg. JUL 29 0043 - Parallel 1422 with jazz; poor to fair. [Connelly*R-MA] JUL 29 0139 - Good; classical music parallel 1422 kHz. [Conti-Ma]

765 SWITZERLAND  RSR Opän Musik, Sottens (46°39’N 06°44'W) JUL 29 0123 - Soft-rock French vocal; good. [Connelly*R-MA 5664mi 8597km]

832 AUTOSYS  Centro Regional de ROP, Pico da Bota. JUL 29 0034 - Portuguese newstalk; fair over France and Spain-Canaries. [Connelly*R-MA]

859 CANARY ISLANDS / SPAIN  COPE synchrons JUL 23 0126 - Good; talk parallel 999 kHz, synchro echo. [Conti-ME]

864 FRANCE  France Info, Nancy (48°53’N 06°14'W) JUL 8 0035 - Old-style male French vocal; fair. [Connelly*B-MA 3608mi 5870km]

864 France Bleu. Villeteuron-sur-Yvette (48°41’N 02°14'W) JUL 7 0035 - French news by a woman; fair. [Connelly*B-MA 3464mi 5546km] JUL 29 0031 - Romantic French vocal; good. [Connelly*R-MA 3415mi 5496km]

865 CANARY ISLANDS / SPAIN  COPE synchrons JUL 29 0021 - Spanish teletalk; fair. [Connelly*R-MA]

882 UNITED KINGDOM  BBC R Wales, Washford. JUL 29 0031 - BBC discussion; now over COPE. [Connelly*R-MA]

90098 ALGERIA  Chaine 1, Algiers (36°40’N 03°09'W) JUL 23 0116 - Excellent signal with extremely weak audio, almost like an open carrier. [Conti-ME 3718mi 5984km] JUL 29 0030 - Arabic male vocal at light audio level. [Connelly*R-MA 3689mi 6162km]

910 UNITED KINGDOM  BBC R.5 Live synchs JUL 29 0118 - Bit of music, then British English talk; fair through WABJ slop. [Connelly*R-MA]

915 FRANCE  France Info, Toulouse (43°21’N 01°20'W) JUL 29 0117 - Parallel 1206 with sad emotional male French vocal; to good peak. [Connelly*R-MA 3525mi 5673km]

942 ALGERIA  RTVA Chaine 2, Algiers (36°40’N 03°09'W) JUL 23 0109 - Excellent; Koranic vocal. [Connelly*B-MA 3718mi 5984km] JUL 29 0120 - Arabic group vocal; fair. [Connelly*B-MA 3689mi 6162km]

858 SPAIN  COPE Madrid (40°28’N 03°52'W) JUL 23 0101 - Good; telephone talk parallel 1143 kHz. [Connelly*B-MA 3525mi 5243km] JUL 29 0019 - Man in Spanish, musical interludes; good. [Connelly*R-MA 3570mi 5423km]

1017 GERMANY  SWR Cont. - Wolfenheim (49°53’N 08°03'W) JUL 29 0024 - Woman in German. [Connelly*R-MA 3642mi 5883km]

844 SPAIN  SER synchrs JUL 8 0028 - Spanish news with interview; poor to fair. [Connelly*B-MA] JUL 29 0146 - Parallel 1116 with Spanish teletalk; fair to good. [Connelly*R-MA]

1053 UNITED KINGDOM TalkSport synchs JUL 29 0145 - Segment of “You Wear It Well” by Rod Stewart, then advert about winning a million; to good peak. [Connelly*R-MA] JUL 29 0126 - Very good, better than 1089; Mike Dicken talk. [Conti-Ma]

1089 UNITED KINGDOM TalkSport synchs JUL 7 0140 - Man and woman with sports talk mentioning the 2012 Olympics; fair in WBAL null. JUL 7 0206 - News, advert with music; good. [Connelly*B-MA] JUL 22 0050 - Fair; ... the Mike Mendoza Show on TalkSport. [Conti-ME] JUL 29 0026 - TeleTalk about bombers; fair. [Connelly*R-MA] AUG 5 0115 - Fair; talk about Iran nuclear capability and suicide bombers. [Conti-NH]

1098 SPAIN  RNE5 synchs JUL 23 0050 - Excellent; Cuban jazz interlude, in-studio discussion between two women, parallel 1107 kHz. [Conti-ME] JUL 29 0017 - Spanish teletalk, Radio Nacional de España mention. [Connelly*R-MA] AUG 5 0120 - Fair; telephone talk parallel 1107 kHz. [Conni-NH]

1107 SPAIN  RNE5 synchs JUL 7 0143 - Echo Spanish teletalk; in jumble. [Connelly*B-MA] JUL 22 0138 - Fair; talk in Spanish over an unID low frequency het. - Egypt? [Conti-ME] JUL 29 0112 - Spanish talk; over growl from Egypt on approximately 1106.8 kHz. [Connelly*R-MA]
time. [Connelly*MA] JUL 29 0033 - Spanish news; fair with WTOP phased. [Connelly*MA] JUL 29 0036 - Excellent; talk parallel 1098 kHz (also excellent). [Conti-ME]

SAUDI ARABIA BSUKA Jeddah JUL 29 0055 - Arabic talk; vocal; over others, fair with WWZN phased. [Connelly*MA]

SAUDI ARABIA BSUKA Riyadh JUL 29 0206 - Huge open carrier burrying 1520 WWKB. [Conti-ME 372smi 7914km]

KUWAIT KUWAIT City (29°47'32") JUL 29 0021 - Fair; pop Arabic vocal. [Conti-ME 5939smi 9645km] JUL 29 0048 - Pop Arabic group vocal with strings and drums; loud, way over UK station. [Connelly*MA 612smi 985km]

UNITED KINGDOM BBC R.Bristol, Mangotsfield (51°36' 02'28"W) JUL 29 0022 - Good; presumed this with British-accented telephone talk, over one ID pop music. [Conti-ME 3153smi 4803km]

FRANCE France Info, Fontbonne JUN 29 0036 - Good carrier, no audio. [Perkins-N] JUL 8 0338 - French newstalk; through WQEW slop. [Connelly*MA] JUL 29 0004 - French news by woman; fair. [Connelly*MA]

UNITED ARAB EMIRATES RadiOLP, Sharjah JUL 29 0206 - French newstalk; through WQEW slop. [Connelly*MA] JUL 29 0004 - French news by woman; fair. [Connelly*MA]

UNITED KINGDOM BBC R.Bristol, Mangotsfield (51°36'02'28"W) JUL 29 0022 - Good; presumed this with British-accented telephone talk, over one ID pop music. [Connelly*MA 3153smi 4803km]

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

TURKS & CAICOS R.Visión Cristiana Internacional, South Caicos JUL 28 2250 - Mellow Spanish religious music pre-sunset fade-up. [Connelly*MA]

MEXICO XESURF Tijuana JUL 17 1350 - Purity Products Int'l show selling magnetic therapy pads (even taking phone calls) on "Healthline." This was not parallel 1260 KKKG which had big band music. Then woman with liner "AM 1260 and 340," second woman in Spanish "Transmite en Tijuana, México, XESURF," into "Jewish Soul" program hosted by Phil Glaser, plugging "Jewish Soul" show on KSCI-TV channel 18 Sundays at 9-9:30 a.m. One minute later same program started on KKGO. KKKGO and XESURF noted later at 0212 with different songs so not always simulcasting KKGO. Fair to good. [Park-CA1]

MEXICO XEOC Ocooking (16°34'02"60'W) JUL 13 1040-1100 - Heard the last few mornings here. This one is from Chiapas, near the southern border with Guatemala. "Quien Radio Mix" is the ID. [Bishop FL 1609km 1612km]

CUBA R.Rebele, Bahia Honda JUL 23 0843 - Fair; nostalgia parallel 5025 kHz. [Conti-ME] unID JUL 23 0850 - Poor; Caribbean soca music through R.Rebele Cuba and domestics. Trinidad back on the air? [Conti-ME]

COLOMBIA HKHC RN Antena Dos, Bogotá (64°34'74°04"W) JUL 23 0852 - Good; "La radio de Colombia," jingle. Antena Dos ID, and salsa music. [Conti-ME 2748smi 4422km] unID JUL 18 0718 - Two Spanish stations noted, one with norteca music, the other with a man in echo chamber talking, then second man (no echo) talking. It's possible one of them was orange product of 380 KJI and 790 KABC. No 640 KFI splatter. [Park-CA3]

CUBA R.Rebele, Arroyo Arenas (23°07'82"30"W) JUL 22 0125 - Good; "Dipartimente" sports program parallel 5025 kHz. [Conti-ME 1651smi 2657km]

VENEZUELA YVMH R.Popular, Maracaibo (10°39'71°37'W) JUL 22 0121 - Fair; "La hora popular" time check and R.Popular ID, over unID 702 het. [Conti-ME 2316smi 3730km]

CUBA CMV R.Popres, Trinidad (21°48'79°39"W) JUL 23 0808 - Fair; salsa music parallel 640 kHz. [Conti-ME 1668smi 2669km]

COLOMBIA HJAC RN Barranquilla (10°33'74°49"W) JUL 22 0200 - Good; "RCN la radio de Colombia" and BBC report about London bombings. [Conti-ME 2322smi 3738km]

COLOMBIA HJRC RN Bogotá (64°34'74°11"W) JUL 22 0231 - Under WARC, news parallel 760 kHz. [Conti-ME 2745smi 4410km]

CUBA R.Rebele, unknown location JUL 23 0820 - Good; ballad parallel 5025 kHz, over an unID classical music station. [Conti-ME]
AUSTRALIA 4QR, ABC MS, Brisbane (27°19'S 153°01'E) JUL 22 1233 - First noted at 1233 on first morning of DXpedition. Heard all three mornings, sometimes at good level. [Bryant-WA 7247mi 11663km]

AUSTRALIA 2CC, GTV, PTV, PBC (27°36'S 153°07'E) JUL 22 1247 - First heard here near max dawn on the 22nd, mixing with HLAZ. Good level with their usual old-time rock and roll programming. Elvis and “Hound Dog” never sounded so good. By 1325 band fade was all alone and still good level. Heard at similar level on July 23. [Bryant-WA 7956mi 12804km]

AUSTRALIA 3NE, Wangaratta (36°19'5 119°14'E) JUL 22 1247 - First heard here near max dawn on the 22nd, mixing with HLAZ. Good level with their usual old-time rock and roll programming. Elvis and “Hound Dog” never sounded so good. By 1325 band fade was all alone and still good level. Heard at similar level on July 23. [Bryant-WA 7956mi 12804km]

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

Canadian Football League Flagship Stations and Networks-2005

Eastern Conference

Hamilton Tiger-Cats 900 CHML-ON *(based on 2004 list)
Montreal Alouettes 800 CJAD-QU *(EE)
Ottawa Renegades 1200 CPGO-ON *(EE)
Toronto Argonauts 640 CFYI-ON *

BC Lions 1040 CKST-BC

Western Conference

Vancouver Lions 1230 CKMK-BC

Notes:

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

Professional Sports Networks

Network listings for team sports stations

Barry S. Finkel bsfinkel@ANL.gov
10314 S. Oakley
Chicago, IL 60643-2409

Network listings for team sports stations

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Memory Dredging

John Callaman
301 W. McCarty St.
Kron, TX 76239-5503

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

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

In March, 2006, I will celebrate the 50th anniversary of my joining the National Radio Club, and, possessing a trivia-filled memory and a strong proclivity to ramble on about all the folks and jests

Memories among the many like-minded souls who shared my

Buddy Giles in Oklahoma City stand out in my memory. Lehr, nearlv 50 years later, scanned a copy of correspondence welcoming me into the club. Jim Critchett, Raleigh Biss and Albert Lehr in California and

me for 41 years later, to discover that Hawthorne, my early hero, was writing a memory column for the now defunct Radio Digest webzine. He called the process by which he conjured up those wonderful stories of radio in the 40's "Memory Dredging," and I have selected that label as the title for these efforts of mine.

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

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

It was fitting, I suppose, that of the eight people who joined me in Irving, Texas, this summer for the Worldwide FM-TV DX Association's convention, my relationship with four of them dates from between 15 and 46 years. I first met Ernie Wesolowski at the NRC's Omaha Convention in 1995, Frank Merrill at his teen-age home in Milan, Mich., on my way to the NRC Buffalo convention in 1964; John Zondio at the International Radio Club of America convention in Columbus, Ohio, in 1975; and Paul Swearingen at the NRC convention again in Omaha — in 1991.

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

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

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

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

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

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

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

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

After AIS, I was assigned to the 87th Infantry Regiment, 10th Division Public Information Office in Aschaffenburg, Germany, from where I shared my DX observations with club members both through Ernie Cooper's column and International DX Digest, edited at the time by Fred Van Voorhees. Two other club members, in the service at the time, contributed to both columns, Pete Taylor, a Coast Guard officer I met in person, and Bethany Renfro of Staten Island, was the second.

In 1958, after I'd left the Panhandle for a news job at KILT-610 in Houston, Taylor surprised me with a job offer to help put on a news- and information-oriented station in Cambridge, Mass. The three years I spent at tiny WCAS-740, a 250-watt daytimer that concentrated on intense news coverage of five Boston suburbs, was the most satisfying job in the 25 years I spent as a broadcaster. Would you believe information gathered by one of my $2.25/hour minimum wage part-time reporters at WCAS would form the foundation for a Pulitzer Prize in 1971 for the Boston Globe? And would you further believe that WCAS, now WJIB, today is owned and operated by a former NRC member?

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

Bill stationed in Hawaii but often visiting DX'ers whose correspondence had boosted my spirit while I was in Germany, from where I shared my DX observations with club members both through Ernie Cooper's column and International DX Digest, edited at the time by Fred van Voorhees. Two other club members, in the service at the time, contributed to both columns, Pete Taylor, a Coast Guard officer I met in person, and Bethany Renfro of Staten Island, was the second.

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

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

**Distance records for stations logged on graveyard frequencies**

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

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

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**Waves on Free Frequencies**

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Confirmed

Harry Helms  ConfirmedDxer@yahoo.com
839 Pine Valley Loop
Smithville, TX 78957-5261

Your successes in obtaining QSL's and other station items

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

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

540  WRRD  Jackson, WI  No data letter, magnet, and sticker in 12 days for mint stamps. V/ C Dan Cooper (Jones-TN)

690  KOA8  Scottish NF  No friendly p/d letter saying they were surprised I could hear them from here on night power, received in 6 days. V/ S Lois Penner, Traffic Mgr. Address: Tracy Broadcasting, 2002 Char Ave., Scottish 60931. (Griffith-CO)

730  WKOQ  Worthington, MN  P/d sticky note verifying reception stuck to my original report (on NRC member stationary) received in 13 days. V/ S Matt Widdowson. Add: 2879 County Highway 35, Worthington 56187. (Griffith-CO)

750  Radio Progresso, Cuba  Date-only letter in 97 days, no return postage. V/ S Reina C. Montenegro (Jones-TN)

820  KUTR  Taylorsville, UT  F/d “AM 820” card with veric text on back in 20 days. V/ S John DeHoll (WA7UJ), C.E. (Wilkins-CO)

850  KOA  Denver, CO  F/d letter returned in 61 days. V/ S Jan Chadwell CE W7KDK. (Heinen-CO)

910  KB1M  Roswell, NM  Full data V/1 and stickers returned in 13 days. V/ S Rita Niccum CE. (Heinen-CO)

960  KMA  Shennandoah, IA  Partial data V/Q and with Station and regional promotional material returned in 136 days. V/ S Mark Brickner CE. (Heinen-CO)

980  KMBR  Kansas City, MO  F/d veric letter, full color design and nite contour map and 3 bumper stickers from associated FM stations in 91 days. V/ S Ken Wolf, CE. Add: 4935 Belinder Rd, Westwood KS 66205. (Griffith-CO)

1020  Caribbean Christian Radio, Turks & Caicos Islands  DX test /d returned in 50 days. V/ S Ron Gischler Jr, QSL Manager. (Heinen-CO)

1060  WKNG  Tallapoosa, GA  Partial data letter and stickers in 11 days for mint stamps. V/ S Red Jones (Jones-TN)

1070  KFTI  Wichita KS  Partial data handwriten V/1 returned in 67 days. V/ S Beverlee Brannigan, OP/M. (Heinen-CO)

1070  WIBC  Indianapolis, IN  Signed prepared form card, full data letter and coverage map signed by Glenn Swiderski, W7CS/9, Engineer. Glenn and I have been good friends since 1972. (Harris-II)

1090  KAAY  Little Rock, AR  Full data V/q returned in 53 days. V/ S unreadable, Ops Mgr (Heinen-CO)

1230  WOJO  Brookneal, VA  Veric letter for reception of May 1 DX test and coverage map on one page, bumper sticker, and fridge magnet, in 92 days for mint stamp (used). V/ S David L. Mathouse, President; Anthony R. DeNicola, Vice President. Sloller on sticker: "Cool oldies - hot talk." Report sent to Brookneal address, but return address on veric is D&M Communications Inc., 24 Belmont Ave., Edison, NJ 08818. (Brooker-ON)

1240  KWIK  Pocatello, ID  Partial data v/1 with lots of station promo stuff returned in 9 days for my third report. V/ S Rhett Downing, ND5C, CE. (Heinen-CO)

1280  KXEG  Phoenix, AZ  PPC in 14 days for f/up. V/ S Stephen H. Blodgett, CE. (Wilkins-CO)

1300  WOOD  Grand Rapids, MI  F/d letter and signed / returned PPC, coverage map in three weeks. V/ S Don Mislad, Chief Engineer. (Harris-II)

1310  KXTN  San Antonio, TX  PPC in 40 days for f/up. V/ S illegible. (Wilkins-CO)

1320  KYHN  Fort Smith AR  Full data v/1 received in 65 days for f/up and PPC (PPC re-

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Broadcasters' Guides to DX

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

- Manitoba DXPetition = [Shawn Axelrod, Wayne Meara)
- Newfoundland DXPetition 2 = [Jean Burnell, Mark Connelly, Bruce Conti and Neil Kazaross]
- UK DXPetition = [Steve Whitt, Mark Hatam, Clive Rooms]
- LEM96 = [Mike Makelainen and Jorma Mantyla]

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Sea Gain: The Numbers Don’t Lie
by Mark Connelly, WA1ON

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

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

WJD%A-1300 (Quincy, Massachusetts; 1 kW) has approximately the same signal strength at Bar Harbor, Maine (distance 203 miles / 327 km over water) as it has in the Pinehurst section of Billerica, Massachusetts (distance 23 miles / 37 km over land). This represents a ratio of sea distance to land distance of 8.8. This is fairly typical for that part of the dial. Ratios of over 10 are possible, especially if you’re dealing with the 1300-1700 kHz range and making the over-water strength measurements right at the shoreline instead of using the average value for a given coastal town (which may include inland areas). On the lower end of the dial, ratios are more like 5 to 7, but are still significant. If a shoreline is backed by mountains (as in the Pacific Northwest) instead of relatively flat land, the over water versus over land ratio could be much more extreme, perhaps something like 26 above 1.9 kHz.

The next phase of research was to see what the signal strength difference (in dB) is for two nearly-identical length paths, one over seawater and one over land. From the formula PMult = 10^10(4dB/10), one can compute the amount of power that would be needed to produce the same signal strength on the land route as can be produced with the station’s normal power on the sea route. The “PMult” power multiplier, e.g., 100 for a 20 dB strength difference, times the power, e.g., 1 kW, shows in this case that the station would have to run 100 kW to have the same signal strength over land that it has on the same distance over water with just 1 kW. A 30 dB difference gives PMult=1000, meaning that a megawatt would be required to get the same signal over a given amount of land that a kilowatt gets across the same expanse of sea! This may seem beyond belief, but the tabulations below (from ZipSignal data) show that 20 dB is a rather ordinary difference to find here in the New England area. 30 dB is certainly not out of reach on the upper end of the dial, especially if signal strength data for the coastal site is based on beach, rather than town-center, results. As stated earlier, a West Coast or Hawaiian location involving a mountainous rocky coastline could give even more extreme values. The over-water signal strength of a 1 kW station may not be replicable over the same land distance at ANY power level of which present transmitter technology is capable.

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

<table>
<thead>
<tr>
<th>Case #</th>
<th>Freq</th>
<th>Call</th>
<th>TX QTH</th>
<th>Approx. TX-RX Distance, mi.</th>
<th>Power, kW</th>
<th>Delta dB</th>
<th>Power multiplier</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>730</td>
<td>WITO</td>
<td>Bath-Brunswick, ME</td>
<td>29</td>
<td>1</td>
<td>55.8</td>
<td>181</td>
<td>A 15 to 20 dB difference is common on the lower end of the dial.</td>
</tr>
<tr>
<td>#2</td>
<td>950</td>
<td>WRQX</td>
<td>Saugus, MA</td>
<td>14</td>
<td>1</td>
<td>69.9</td>
<td>112.2</td>
<td>561 kW to get over land signal comparable to 5 kW over water!</td>
</tr>
<tr>
<td>#3</td>
<td>1230</td>
<td>WESX</td>
<td>Marblehead, MA</td>
<td>18</td>
<td>1</td>
<td>54.3</td>
<td>186.21</td>
<td></td>
</tr>
<tr>
<td>#4</td>
<td>1240</td>
<td>WBUR</td>
<td>Lynn, MA</td>
<td>13</td>
<td>1</td>
<td>60.8</td>
<td>21.4</td>
<td>A small amount of land (Revere Beach / Point of Pines barrier) along the start of the coastal TX-RX route may reduce the coastal RX level (and resultant delta dB) slightly.</td>
</tr>
</tbody>
</table>

Some conclusions: The kind of differences seen in these groundwave measurements correlate quite well with differences seen in some kinds of foreign medium wave DX at night. Some of the low-angle
skip is as severely reduced by an overland path as groundwave is. Long-term measurements of European, African, Middle Eastern, and South American DX signals taken at Rockport, MA and Rowley, MA on the coast north of Boston show differences of anywhere from 10 to 40 dB better than the same stations heard in inland suburbs when using the same setup. A pickup on my car roof. High-band longer-haul Afican Brazilians heard during auroral activity, especially at sunset or earlier, show the greatest difference: often S9 at the shore and usually less than S3 if not noticeable at all inland. Six S-units is conventionally 36 dB. That's a mind-boggling power multiplier of 3981. This tells me that a 250 watt Brazilian "gravycrane" heard at the shore would have to be packing close to a megawatt to hit the same vertical. Reaching some values. This might sound to some, I find this entire believable based on experience. When the signal path is nearly parallel to the shore, you can jump from a lengthy mostly over water route to a mostly over land one in a fairly short distance driving inland at a right angle to the coast. This is the situation where the biggest signal changes occur. One classic example of this is the exceptionally quick drop-off in signal strengths of the Atlantic City, N.J. area stations (1030, 1160, 1340, 1400, 1450, 1490) when driving a very short distance up Route 134 in Dennis, Cape Cod, MA from Lower County Road (near southward-facing beaches) northward to Route 6. These signals drop off like a rock, maybe 30 dB over the course of a 10 minute drive, through even the change in actual geographic distance is infinitesimal.

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

The County Cross Reference

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Musings of the Members

Thoughts from NRC members... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc. Here is the NRC column which, for an SASE, will show you how to build a log cabin out of 278 containers of Lincoln Logs! When sending your items along, please keep them radio- and DX-related. As our usual way of kicking off the season, we will welcome your introduction Musings for the start of the new season!

Here we go:

Richard C. Evans - 7414 W. looping Stone Way - Indianapolis, IN 46227-7923

I was up in Michigan this weekend for our annual company reunion on 7/15. 62 people there, not bad when you consider that 66 is young for that group and I just turned 60. In the past, I normally stayed with my Dad's cousin in Kalamazoo, but she moved back to western Virginia (near Radford) last August so I had no time pressure on me this year. As a result, I ran the old road up to Michigan City and then took the slab (I-94) up to Kalamazoo, Mich where I found a motel room. The reunion was right outside of Grand Rapids Sat. afternoon. I had a fairly new radio with me so that I could tune the V-band from the Michigan City area, but too much rain in the area so I didn't get to stop and see what I could get there but was able to pick up WNWI-1069 at their new location and WNVR-1030 up in Vernon Hills, Ill to add two more catches to my old Gary, Indiana / New Buffalo, Mich log. It brings that one up to 1339 heard now - the interesting note is that it is not really an active log in that I only added it to once in awhile as I pass somewhat thru that area. Still, I made the effort this time as it means I have added catches to that log in five consecutive decades now - the 60's, 70's, 80's of it. Its was started on 5/1/66. OK, OK... it covers the last third of the past century plus the first five years of this one. hi. Going up to Grand Rapids, I had the pleasure of listening once again to WAKY-960 Kalamazoo. They call themselves 'the Memories Station' and that is so true, I suspect it might be satellite as the announcers sounded too professional for a small town station, but yet it is located right between Kalamazoo and Grand Rapids so it has a population base of less than a half million people, and that isn't too shabby. It's a Music of Your Life-type format, like WMYX-1340 here in Indy was until they went news/talk several years ago. I turned the AM on while I was at the motel Friday night but too much static to really enjoy, so I wound up with an FM station. Not too much longer until the next season starts. I can't wait to get rid this heat.

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

Before you know it, the NRC CONVENTION will be upon us. First, I must give a tip of the hat to HW & LINDA BOWERS, they've been the best and biggest help I have had with this, and it's been needed with the way my work schedule has been heavy. Additionally, I must know by the 20th if you plan on attending the banquet or not; the count has to be given to the hotel at that point. We have a few auction items, too, one being an HQ-180 used by BEN DANGERFIELD. So if you're planning on attending, please let me know. Thanks. I did a little arm bending with our guest speaker, Dave McCork, who operates WSNR-1360, a 100 watt station, 24 hours/7 days, to put a code ID on the station to air at 1000 daily through the DX season. With the signal I heard from WSNR while in that area (audible at up to 8 miles!), I'm sure it'd be a catch to go after. You can check out the technical info on his transmitter system (pictures included) at www.wsrn-am.com. My landlord has given me his blessings on installing a couple of longwire antennas at the apartment so we may actually get the phasing and 8992 on line this year after all. The land of the old WGBI site has been sold, so WGBI (now WIZU) will be moving further away (talk of being deployed into the tower of WICK-1400), so that will put them more distant from me. WTTT-1550 is now a simulcast of W7C as of July 1st. That cuts down on a lot of the sidetable splatter during the day and having CBE bubbling away under them most nights, at about 3 miles away. You just have to love those tight directional patterns! Remember, we kick off our new season after the convention so send along a reintroduction Musings! 73

(A few words from Ben about the HQ-180 he plans to donate: "The receiver is a plain old HQ-180 (no letters) that I bought in December 1961 and used until April 1996 with much success. It is doing nobody any good in our attic so why not someone in NRC. I have ordered some spray paint to stuff some of the corrosion. And I had it serviced just prior to acquiring my current R88. I think plenty of tubes are still available. The clock doesn't work but could possibly be fixed."")