From the Publisher … From New Zealand comes news of the deaths of two well-known individuals who were associated with DX’ing: Laurie Boyer, a former NRC member, passed away June 7 in Invercargill. And Ralda Cushen, the widow of Arthur Cushen, passed away June 24.

From Ken Chatterton … “Hello NRCers. The time has come for changes in club operations. Actually none of the changes will mean any major change to you, the members. Effective June 30, I am retiring as chairman of the NRC Board of Directors after 12+ years. Wayne Heinzen is assuming the Chairmanship immediately. For orders or subscriptions nothing is changing. You can still order, subscribe, or renew thru PayPal just as in the past. DX News renewals by mail should still go to Paul. All mail orders, check or M.O., for books and other NRC products, new subscriptions to DX News and DXAS and, I guess, anything you want to send via snail mail can still come to F.C.Box 164 Mannsville, NY 13661. I am not going away, just stepping back from many of the duties and stresses I have had. NRC is in good hands with Wayne as Chairman. Best wishes Wayne, and thanks for easing my path. 73, Ken.”

Ken, enjoy your semi-retirement, and let’s hope you have a little more time for DX’ing from now on. And thanks from all of us for your 12+ years of strong stewardship of the NRC.

NRC 2005, Kulpsville … Convention chairman Dave Schmidt advises us that everything is “go” for the convention, although he would like to have a banquet count as early as possible so he can set it up. Remember, reserve your room with the Best Western “The Inn at Towamencin” - 1750 Summitrytown Pike - Kulpsville, PA 19443 (Lansdale) Phone: 215-368-3800, 800-277-3615 (reservations only); rooms are $75 per night (mention the National Radio Club for this rate), and room sharing is limited to FOUR per room. Registration is $45 for convention and banquet/$35 for wives; $20 for convention only, no banquet/ $10 for wives. For more info: e-mail Dave @nrccruising@aol.com.

Madison-Milwaukee GTG … The 12th annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts will be held on Saturday, August 20, 2005, beginning at 1 PM CDT. This year’s event will take place at Burrows Park, Madison WI, on the shores of beautiful Lake Mendota. This year’s hosts are Bill and Nina Dvorak. For more (Continued on page thirty-five)
CALL LETTER CHANGES

### Old Call New Call

| 540 | KXME | CA Carmel Valley | KRKA |
| 1100 | NEW | NV Las Vegas | KQWN [K-Win?? In Vegas???] |
| 1120 | WMNY | NY Buffalo | WBBF |
| 1160 | KBIS | TX Highland Park | KMKS ["Magic 1600" slogans] |
| 1350 | KTOD | AR Conway | KXXA |
| 1350 | WTOD | OH Akron | WAFR |
| 1360 | WZPO | AL Jasper | WIXI |
| 1470 | WTTO | NY Ithaca | WNYY [Sale has gone through - ref: Issue 24] |
| 1500 | KVAS | WA Forks | KBIS |
| 1500 | WWFF | GA Macon | WAYS |
| 1500 | WZZJ | MS Pascagoula-Moss Point | WPMP |

### CPs ON THE AIR

| 580 | WTCM | MI Traverse City - CP to increase daytime power to become U4 5000/1100 is on the air |
| 620 | WGCC | SC Cayce - CP to increase daytime power as U1 2500/126 is on the air |
| 630 | WDGY | WI Hudson - Program Test Authority (PTA) granted to decrease daytime power and increase nighttime power to become U1 1000/2500 from the transmitter site of WCTS-1030 at N44-52-01 W94-52-02 is on the air. Note: There had been applications to change the City-of-License (CoL) to St. Paul, Minnesota, but this authorization (dated 1 June 2005) clearly states "Hudson, Wisconsin" |
| 760 | KCCV | KS Overland Park - PTA granted to add night service as U4 6000/200. Verified as being on by David N. Lewis of Kansas City |
| 850 | KHKO | WA Tacoma - PTA granted for a slight adjustment in the nighttime pattern, becoming slightly less restrictive to the southeast. KHKO remains U4 1000/1000. |
| 880 | KKMC | CA Gonzales - CP to increase nighttime power as U4 10000/10000 is on. |
| 910 | KNEW | CA Oakland - CP to increase daytime power to be U4 2000/5000 is on. |
| 990 | KFCD | TX Farmersville - CP for U4 7000/920 is on the air |
| 1090 | WWGC | AL Albertville - CP to relocate to N 34-15-52 W86-16-44 while remaining D1 500/0 is on the air |
| 1130 | WPYB | NC Benson - PTA granted to increase daytime power and add CH designation as D1 6500/0 CH 1000. |
| 1130 | WQIS | SC Camden - CP for U1 1000/7 is on the air |
| 1160 | KMGS | TX Highland Park - Formerly on 1150, CP for U4 3500/1000 is on the air. As of the deadline here, they are 'stunting' with an all-Motown format |
| 1180 | WXLA | MI Dimondale - PTA granted to increase their daytime power and add CH operation. WXLA is now D1 10000/0 CH 3000. |
| 1340 | WFMH | AL Cullman - PTA for U1 679/679 from a new 334' tower at N34-10-49 W86-51-59 is on the air |
| 1390 | WLUA | SC Belton - PTA granted for U1 1000/17. |

### GRANTS TO EXISTING FACILITIES

| 550 | KTRS | MO St. Louis - Coordinate adjustment to 938-39-45 W90-07-43. |
| 630 | WMAL | DC Washington - CP granted to increase daytime power to become U4 1000/0 |
| 660 | KGD | PA Oldsdale - CP granted to change Col from Occult with facility changes to become U4 2500/2500. |

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

- **J**: 1470 WTKO NY Ithaca WNYY [Sale has gone through]
- **K**: 1330 KTOD AR
- **L**: 1350 WTOU OH Akron WARF
- **M**: 1390 WLUA KFFK
- **N**: 1120 WMNY NY Buffalo WBBF
- **O**: 1100 NEW NV Las Vegas KQWN [K-Win?? In Vegas???]
- **P**: 1580 1500 WWFN
- **Q**: 1340 KTMM
- **R**: 1090 WWGC WNEM
- **S**: 990 KFCD
- **T**: 910 KNEW
- **U**: 850 KHKO
- **V**: 880 KKMC
- **W**: 910 KNEW
- **X**: 990 KFCD
- **Y**: 1090 WWGC
- **Z**: 1130 WPYB

### AM Switch

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

### CALL LETTER CHANGES

- **KXME**: CA Carmel Valley - granted to KRKA
- **NEW**: NV Las Vegas - granted to KQWN [K-Win?? In Vegas???]
- **WMNY**: NY Buffalo - granted to WBBF
- **KBIS**: TX Highland Park - KMGS ["Magic 1600" slogans]
- **KTOD**: AR Conway - granted to KXXA
- **WTOD**: OH Akron - granted to WAFR
- **WZPO**: AL Jasper - granted to WIXI
- **WTTO**: NY Ithaca - granted to WNYY [Sale has gone through - ref: Issue 24]
- **KVAS**: WA Forks - granted to KBIS
- **WWFF**: GA Macon - granted to WAYS
- **WZZJ**: MS Pascagoula-Moss Point - granted to WPMP

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- **WXLA**: MI Dimondale - granted to increase their daytime power and add CH operation. WXLA is now D1 10000/0 CH 3000.
- **WFMH**: AL Cullman - granted for U1 679/679 from a new 334' tower at N34-10-49 W86-51-59 is on the air
- **KTMH**: CO Grand Junction - granted to move to a new, shorter tower at N39-07-35 W108-38-12. KTMH remains U1 1000/1000.
- **KGW**: NE Kearney - granted to Coordinate adjustment to N40-40-05 W99-04-52.
- **WLUA**: SC Belton - granted for U1 1000/17.

### GRANTS TO EXISTING FACILITIES

- **KTRS**: MO St. Louis - granted to Coordinate adjustment to 938-39-45 W90-07-43.
- **WMAL**: DC Washington - granted to increase daytime power to become U4 1000/0.
- **KGD**: PA Oldsdale - granted to change Col from Occult with facility changes to become U4 2500/2500.
AMENDMENTS TO CONSTRUCTION PERMITS SUBMITTED

720 WQTH NH Hanover - New station, not yet on the air, has a CP for U4 5000/500 and a string of amendments. The latest request is for U7 5000/2500 CH 2500 with a Col change to Claremont, New Hampshire.

770 NEW FL Nassau Village-Ratliff - New station, not yet on the air, has a CP for U4 5000/410 from a six-tower site at N30-33-27 W81-58-49. They later requested an amendment changing the Col, to Scone, Florida with a power/tower set-up, but from a different location. Now they've requested U4 5000/500 from N30-17-57 W81-00-26, and later amended their application to add a CP at N88-21-46.

810 WEUS FL Orlando - New station, not yet on the air, has a CP for U4 5000/400. This amendment requests U4 10000/400.

APPLICATIONS REINSTATED

830 WACC FL Hialeah - Application, originally from 1989, requests to increase day power to become U4 5000/500.

APPLICATIONS FOR NEW STATIONS

1120 NEW ME Richmond - Application is for U4 1000/600.

1230 NEW KY Louisville - Application is for U4 750/750.

1240 NEW ME Ellsworth - Application is for U1 1000/650.

1240 NEW NV Beatty - Application is for U1 1000/1000.

1440 NEW ME Orono - Application is for U2 1326/664. [Yes, the figures are correct]

1450 NEW NV Hawthorne - Application is for U1 1000/1000.

1450 NEW PA Milford - Application is for U1 1000/1000.

1490 NEW UT Spanish Valley - Application is for U1 1000/1000.

630 KTKK UT Sandy - Licensed for U4 1000/500. KTKK has applied to move to Kearns, Utah with U4 500/500. They then amended the application to read U4 880/650 from Kearns. This latest amendment requests U4 880/218, once again from Kearns.

810 NEW MN Wilton - Application proposes nighttime power to be U4 1000/450.

910 WNDC LA Baton Rouge - Application is to increase daytime power and decrease nighttime power. If granted, WNDC will become U4 1200/51 from two new towers at N30-37-18 W91-11-00. [Amendment adds the change in antenna site]

1150 KCKY AZ Coolidge - Licensed for U4 5000/1000. KCKY has a pending application for U4 5000/190 with a change in Col to Apache Junction, Arizona. This amendment requests U4 5000/185 at the adjusted coordinates of N33-00-27 W111-32-57 from Apache Junction.

1330 WEBY FL Milton - Licensed for U1 5000/79. WEBY has a pending application to increase daytime power to 29-W from a new 3-tower site at N30-31-05 W87-04-56, continuing to operate the nighttime transmitter at the studio site. This amendment requests to alter the proposed daytime pattern and send more signal toward now-deleted co-channel WPBR in Butler, Alabama. If granted, WEBY will become U2 25000/79.

1340 WTAN FL Clearwater - Licensed for U1 1000/1000. WTAN has applied to relocate its transmitter and reduce power to become U1 900/900. This amendment requests U1 1000/1000 from that new tower.

1380 WAOK GA Atlanta - Licensed for U2 5000/4200. WAOK has a pending application to increase daytime power to become U2 5000/4200. This amendment requests U2 3000/4200.

1450 NEW HI Hilo - Original Auction 84 application was for U1 250/250, later amended to U1 300/500 CH 300. This amendment requests U1 5000/5000. A GY Super Power?

1510 KSPA CA Ontario - Licensed for U4 10000/1000 CH 10000. KSPA applied for U7 50000/6000 CH 45000.

AMENDMENTS TO APPLICATIONS SUBMITTED

580 WLES VA Lawrenceville - Licensed for U1 500/51. WLES has submitted two applications prior to this one for U1 201/27 with a change in Col to Bon Air, Virginia.

600 NEW AL Babbie - Original application was for U4 250/250, then changed to U4 500/300. This amendment requests U4 720/300.

630 KTKK UT Sandy - Licensed for U4 1000/500. KTKK has applied to move to Kearns, Utah with U4 500/500. They then amended the application to read U4 880/650 from Kearns. This latest amendment requests U4 880/218, once again from Kearns.

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1510 KSPA CA Ontario - Licensed for U4 10000/1000 CH 10000. KSPA applied for U7 50000/6000 CH 45000.
920 WMEZ FL Melbourne [Was a Red Light Dismissal]
1530 WTTI GA Dalton [Was a Red Light Dismissal]

APPLICATIORS FOR NEW STATIONS

500 NV Elko - Application is for U2 500/250.
1240 NEW CO Carbondale - Application is for U1 1000/1000.
1340 NEW CA Bishop - Application is for U1 1000/1000.
1330 LA Bossier City - Application is for U1 715/715.
1450 NEW KY South Shore - Application is for U1 1000/1000.
1590 NEW AL Opp - Application is for U4 330/300.
1590 NEW TX Kerrville - Application is for U2 920/200.

LICENSE CANCELLATIONS/CALL LETTERS DELETED

550 KLVM* CO Breen - Licensed cancelled.
648 WWVU* AS Leone - Licensed cancelled, along with their APP to move to 720.
850 KHS CA Thousand Oaks - License cancelled.
1080 WWKE NC St. Pauls - License cancelled.
1100 WSGA GA Woodbine - License cancelled. However they seem to still be operating.
1150 WJTM* GA Valdosta - Licensed cancelled.
1160 KNEI* IA Waukon - Licensed cancelled, although their move to 1160 was recently blessed by the FCC.
1210 WKTT FL Silver Springs - CP for a new station cancelled.
1270 KPBA* AR Pine Bluff - License cancelled.
1370 KLBA* IA Albia - Licensed cancelled. KNTX AM
1400 WTTJ NH Roxbury - CP for a new station cancelled.
1420 WSUH MS Oxford - License cancelled.
1450 WCOX* AL Camden - Licensed cancelled.
1450 WWKL* NM Hobbs - License cancelled.
1550 WJRG NJ Toms River - License on 1550 is cancelled. Station has moved to 1680.
1560 KDJA* AR Dumas - Licensed cancelled.
1560 WYZN PA Columbia - License cancelled.
1590 WKKQ CT Oakville - CP for a new station cancelled.
1600 KQXQ TX Brownsville - Licensed on 1600 is cancelled. Station has moved to 1700.

* I suspect these, plus some of the others, are "Red Light Dismissals". If the station does not appeal in 30 days, the license is cancelled and the frequency is 'opened up' to new applicants.

APPLICATIONS DISMISSED

1070 KOPY TX Alice - Requested a move to Odem, Texas with U4 1000/1000.
1170 NEW AL Fort Deposit - Application for a new station.
1350 NEW UT Fillmore - Application for a new station.
1370 NEW OR Warrenton - Application for a new station.

LICENSE RENEWALS GRANTED

540 WDAM GA Columbus 630 WLPAX KY Lexington
570 WAXX AL Gadsden 980 KGKL CO Glenwood Springs
580 WAKY MT Anaconda 1010 KINX KS Independence
590 KXSP NE Omaha 1020 KOIL NE Plattsmouth
610 KVLE CO Vail 1170 KJOC IA Davenport
610 WFLO GA Grayson 1200 WCHB MI Taylor

1230 kHz

1240 WTAX IL Springfield
1240 WTVY KY Louisville
1250 WWPT KY Nicholasville
1270 WYXC CA Cartersville
1300 WNEA NE Newman
1330 WSNW SC Columbia
1330 WKTA IL Evanston
1330 WHRL WI Sheboygan
1350 WLOU KY Louisville
1350 KCHR MO Charleston
1370 KWRT MO Bonneville

STA EXTENSION GRANTED

1050 KTBA AZ Tuba City - The Special Temporary Authority is to remain silent (since 11/15/04). The reason stated is "Staffing".

Hear and Thar

Mike Hardester, writing on the NRC's AM-List, reports that the New York Department of Transportation has reportedly received three HARR transmitters along Interstate 90 during periods of construction: on 540 kHz at the Exit 9 at Northway; on 830 kHz at the I-90 and I-87 interchange near Thruway Exit 24; and on 1610 kHz from Schenectady to Exit 24 or beyond. 1Ds (assigned to mobile units) may be: 540 WFFP1377; 830: WPPM232; and 1610: WPFM233. WNV205 is located as base station in Albany area. If you log 'em, report 'em!

[...] KCHK did not reduce its power from 500 to 70 Watts on four specific nights it was being monitored by agents from the St. Paul field office. Elsewhere, WLX-1600 Rockville, Georgia has been assessed a fine of $10,000 for tower violations (lighting and paint), and WBKZ-880 Jefferson, Georgia was fined $3,000 for those same tower deficiencies.

Mike Hardester writes to say that WBRT-1320 Bardstown, Kentucky is now on 24/7 with U1 1000/44 according to a QSL letter he received. The vicegm, station manager Kenny Fogle, claims David heard them on their nighttime rig, but David says the signal was too weak anyway. 44 Watts.

[...] Word on the street: KMYL-1190 Tolleson, Arizona was off for a short period but has returned to the air. Upper Midwest Broadcasting.

GRAVEYARD DX UPDATE

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

1230 kHz

1240 KJFK NV Reno Tim Hall Jasper, AB 928
1240 KZJR OR Burns Tim Hall Jasper, AB 646
1240 KOZI WA Chelan Tim Hall Jasper, AB 359
1240 CBPD1 BC Rogers Pass Tim Hall Rogers Pass, BC 2

1240 KOFE ID St. Maries Tim Hall Jasper, AB 391
1240 KZMK MT Billings Tim Hall Johnstown Canyon, AB 506
1240 KDLP ND Devils Lake Rick Turner Bemidji, MN 189

1340 kHz

1350 KTSN NV Elko Tim Hall Jasper, AB 838
**Domestic DX Digest**

**West:** Bill Dvorak westlogs@acol.com
501 Algona St - Madison, WI 53704-4812

**East:** Ginnie Lulpi DDXD-E@nycap.rr.com
PO Box 4404 - Clifton Park, New York 12065-0853

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

**DDXD-West**
FROM THE VAST WESTLAND

- Tim Hall checks in this month with loggings of stations in underreported areas of the Vast Westland, heard while on a trip to British Columbia and Alberta in early and mid-June. Thanks, Tim, for this invaluable information! I have included his report as a separate section of DDXD-W, following the regular loggings.
- Not everyone was caught up in the summer DX doldrums this past month. Walt Breville celebrated the day of Summer Solstice by getting three new ones. Rick Turner hung out in the graveyard. John Wilkins listened for new ones on 1150, still vacated in Denver. René Auvray cruised California. Others hung out in front of their receivers and pulled in some quality loggings. I thank you all for keeping me awake at the DDXD-W desk!
- On the front page of this DXN you will find notice of the 12th annual Madison-Milwaukee DX Get-together. One of the great pleasures of my life comes from hosting this event every other year, including this year. Most of you know of it, and some of you have attended. If you would like to know more, please contact me and I will fill you in. Hope to see you August 20! 73 Bill

**Contest Report through June 1, 2005**

**NRC Contest**
An annual DX contest which encourages DX'ing and offers prizes

<table>
<thead>
<tr>
<th>Contest</th>
<th>Location</th>
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<tr>
<td>Ron Bailey</td>
<td>Shelby, NC</td>
<td>2836</td>
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<tr>
<td>John Wilkins</td>
<td>Wheatridge, CO</td>
<td>1443</td>
</tr>
<tr>
<td>Wayne Heinen</td>
<td>Aurora, CO</td>
<td>1514</td>
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<tr>
<td>Chris Knight</td>
<td>Fort Lupton, CO</td>
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<tr>
<td>Dave Braun</td>
<td>Wyoming, DE</td>
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<td>Paul Swearengen</td>
<td>Topeka, KS</td>
<td>658</td>
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<tr>
<td>Nancy Johnson</td>
<td>Billings, MT</td>
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<td>Steve Sprague</td>
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<td>Mike Clancy</td>
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<td>John Hart</td>
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<td>Darrell Neff</td>
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<td>David Jones</td>
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<td>Gary Hitchcock</td>
<td>Hollywood, FL</td>
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<tr>
<td>Dale Park</td>
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<tr>
<td>Michael Carroll</td>
<td>Phoenix, AZ</td>
<td>31</td>
</tr>
</tbody>
</table>

Here are the finals for the 2005 Logging contest. Still on top is Ron Bailey, but he declared himself ineligible for the final prize which leaves us John Wilkins in the top spot with 1443 points. John wins a 1-year extension of his membership in the Club. We are working on some more entry categories, to better suit the DX conditions that we all face, and more prizes for the 2005-2006 DX season. I hope those who participated this year had fun and were able to see an over increase in their logbook as I did.

I'd like to remind everyone that from one year to the next you are always looking for new goals for yourself, regardless of the rest of the field. Self-improvement and striving to improve your own DX totals and skills are the objective of the contests that the National Radio Club sponsors! Hope to see more entrants next year.

73 Wayne Heinen
by an SS DJ, followed by a disco song; U.S. or Mexico? (RA-CAD)

6/16 0709. Religious station here, looping approximately NW-SE. In and out of QRM. (JW-CO)

Regular DX Loggings (times in LT)

560 WIND IL Chicago. 6/6 0000. On top with news, traffic and lots of ads, much stronger than usual in null of WECB. (JS-MN)

690 K0AQ NE Territorvtown. 6/6 0042. Very weak but steady with 60s and 70s oldies. Call sign and "Oldies Radio" slogan announced frequently between songs. Sounded like a live pack. AP news at TOH. (PG-CO)

710 WDSM WI Superior. 6/11 0210. "The new 710 WDSM Superior" by a male announcer. Good signal in WOR null, with adjacent WGN off for maintenance. No joy on 720 itself, just noise and very faint talking. (GH-IL)

790 WSGW MI Saginaw. 6/11 0309. "3:09 on WSGW" by a male announcer. Good signal, slight fading, with adjacent WBMM off for maintenance. On 780 itself it got atmospheric... no trace of anybody's signal. (GH-IL)

820 KUTR UT Taylorsville. 6/16 2232. Local ads and program notes, then back to Clark Howard program. Fair and improving as Salt Lake sunset approached. About even in strength with WBAP when the signal disappeared (power cut) at 2300. Utah #46 here. (JW-CO)

910 WGTI WI Cassopolis. 6/19 1850. "Your Fun Station WGTI" and "WGTI [missed] 910", both by a male announcer. Medium signal drop from WLS 890. (GH-IL)

940 WMAC GA Macon. 6/21 2200. Briefly atop channel

1010 KSIR CO Brush. 6/27 0612. Fair, no WINS or CFRR. Calls, ESPN, Farm Newsradio 1010 Oshawa. (GH-IL)

1050 KLOH MN Pipestone. 6/27 0351. Poor but clear in fade up over WLIP, with web info, calls, C&W music. (JJR-WI)

1080 KSOC CA Santa Cruz. 6/7 0800-0805. Began with Fox News and commercials, into local news with call ID. Extremely weak. This is the farthest south that I have ever heard KSOC. (RA-CAD)

1150 KSVE TX El Paso. 6/16 0700. Legal ID in SS: "KSVE Once Cincuenta AM El Paso" and into SS morning wake-up program; spotpy reception. Needed for a call change here. (JW-CO)

1230 WJIC IL Bloomington. 5/24 0005. ABC news, local weather and call sign ID. Heard on car radio in southeast Bemidji (about four miles from home QTH) while going to work. Distance 563 miles. (RT-MN) (A real beauty, Rick! Were you in town?) (GH-IL)

1237 WSOO MI Sault Sainte Marie. 5/25 0300. Well on top of the frequency with local ads, a brief bit of ABC News and into ESPN, last heard while DXing from Des Moines on Dec 9, 1953. (JS-MN) (Well worth the wait, John! Ed-WI)

1240 WIAN MI Ishpeming. 6/11 0305. Surfacd briefly with "1320 WDIJ, 1240 WIAN Weather", into the mud thereafter. (JS-MN)

1245 KDLR ND Devils Lake. 6/15 2000. ToH ID. "This is KDLR, Devils Lake" into ABC news. Weak, but audible. Distance 191 miles. (RT-MN)

1310 WTTL KY Madisonville. 6/21 2300. Over WDOO, others, with call ID into ESPN programming. New. (WB-MO)

1340 KDLM MN Detroit Lakes. 6/7 1910. CBS World News Round-up into regional news here "on KDLR." Poor to far with distorted signal. Distance 64 miles. (RT-MN)

1350 CKDO ON Oshawa. 5/25 0345. Briefly on top with local ads and oldies, heavy QRM from usual KRTT and occasional WOTU. (JS-MN)

1400 WGIL IL Galesburg. 6/4 0456. "Galesburg's [missed] WGIL" through the mush. (GH-IL)

1490 KEYL MN Long Prairie. 6/6 2303. In and out with Twins versus Diamondbacks. "You're listening to the Minnesota Twins on KEYL." Distance 156 miles. (RT-MN)

1490 KBBN MN Saint Paul. 6/21 0000. "America's Home (or Old) Favorites, AM 1400 KBBN Minneapolis-Saint Paul and AM 1470, KBLP Brooklyn Park" into news. Distance 95 miles. (RT-MN)

1490 KOVC ND Valley City. 6/10 0100. "Minnesota Twins baseball is brought to you by Dakota Valley Radio", followed by a list of sponsors, mentions of Valley City, into callsign ID and ABC news. Short but deep fades with a very good signal at peak. Distance 153 miles. (RT-MN)

1490 WZOE IL Princeton. 6/10 1030. "WZOE Weather Forecast...." by a male announcer. Was able to pull it out by somewhat nulling out semi-local WJNA. The Quantum Loop does it again. (GH-IL)

1520 KOMJ NE Omaha. 6/16 2300. Up briefly with "KOMJ Omaha" ID into news before sinking back into the QRM. Distance 433 miles. Surprising. (RT-MN)

1560 WRIN IN Rensselaer. 6/12 2304. "The Music of your Life AM 1560 WRIN." Desert signal, some slight fade, no noise. (GH-IL)

1560 WAKR OH Akron. 6/26 2350. "1590 WAKR" by a male announcer. Medium signal, much WCGO 1600 "slop." WCGO is almost next door. (GH-IL)

1600 WFGA ND West Fargo. 6/22 0102. Didn't get the call letters, but heard several mentions of Fargo-Moorhead. Talk programming, 60% readable. New. (WB-MO)

TIm's Equipment: ICF-2010, Kiwa Loop, Kiwa Pocket Loop, Ford rental car radio, RCA digital voice recorder.

LOCATIONS:

TRH-WA On the road in Washington
TRH-ID On the road in Idaho
TRH-BC On the road in British Columbia
TRH-BC1 Trail BC
TRH-BC2 Rogers Pass BC
TRH-BC3 Radium Hot Springs BC
TRH-AB On the road in Alberta
TRH-AB1 Banff National Park AB (Johnston Canyon evenings; Banff/Sulphur Mountain, Lake Louise days)
TRH-AB2 Jasper, AB
TRH-AB3 Radium Hot Springs BC

TIM HALL'S BRITISH COLUMBIA AND ALBERTA TRIP

TIM SPEAKS: I was originally planning to ship the big Kiwa loop like I did on my Alaska trip in 2003, but at the last minute I brought a suitcase big enough to safely take it with me (I almost paid for the suitcase with the savings in shipping charges). With the laptop, radio, two antennas, digital voice recorder, two cell phones, camera, batteries, and extension cords, my carry-on and checked luggage contained a ton of metal. This was enough to earn me a "pre-flight massage" on the way up and a TSA inspection on the way back.

Conditions in Trail, Kelowna, and Rogers Pass BC were pretty poor due to the very high mountains and very steep narrow valleys (like Alaska, there is no trace of sunset enhancement; the stations just drop in all at once shortly after dark). Conditions were much better in Jasper and Banff (Johnston Canyon AB, and Radium Hot Springs BC. Jasper is getting to be an especially nice place to DX now that the local on 1450 (and the 1230 station in Hinton) are gone. Not much to hear during the day in BC and AB unless you get up on a mountain. Daytime is best spent photographing critters, which were out in abundance this year: black bears, elk, mountain goat, bighorn sheep, and mule deer (all with babies) plus "moose and squirrel" for the Jay Ward fans.)

TIM'S EQUIPMENT: ICF-2010, Kiwa Loop, Kiwa Pocket Loop, Ford rental car radio, RCA digital voice recorder.
CHOR BC Summerland. Still active but

KPTQ AB Banff East Gate / Banff Townsite / Castle Junction / Saskatchewan Crossing. These have been permanently replaced many years ago by a single set of stations in Banff (101.1 English, 103.3 French). (TRH-AB)

(CJPR) AB Blairmore. Has moved to 94.9 FM. Sister station CJEV 1340 remains on AM. (TRH-AB)

(CBPN) BC Golden. The station appears to have been permanently replaced by a programmable sign that gives up-to-date highway information. (TRH-BC)

(CBPR) BC Revelstoke. The station appears to have been permanently replaced by a programmable sign that gives up-to-date highway information. (TRH-BC)

(CBPC) BC Rogers Pass (Glacier Park). Nothing here despite the open carrier on 1230. (TRH-BC)

(CBPB) BC Yoho National Park. These stations are long gone. (TRH-BC)

Active CBC LPRTs

The following CBC LPRTs were noted on AM:

740 CBKR BC Parson.
740 CBUN BC Salmo.
740 CBRR AB Banfi (reportedly seeking a move to FM).
860 CBXJ BC Jasper (has already simulcasting on 98.1 FM, so expect this one to go away soon).
860 CBBD BC Field.
860 CBJX BC Grand Forks.
900 CBWD BC Donald Station.
900 CBRR BC Kimberley.
1450 CBWI AB Grande Cache.
1540 CBXD BC Edson (? – Barely audible from Hinton this time; was audible from Jasper on my previous visit in 1999).

The following two Environment Canada stations are active and getting out well (both provide English and French language weather):

1260 CBPM BC Sicamous.
1580 CBFK BC Revelstoke (signal gets as far as Jasper AB at night).

UnDs

1230 UNID 6/11 0049. Station under KOZI-WA, ID sounded like “KELE.” (TRH-AB1)
1230 UNID 6/15 0731. Local-sounding ad for the Ice Harbor Brewery, which is in Kennewick, WA, nowhere near a 1230 station. (TRH-AB2)
1240 UNID 6/10 2351. Promo for Eagle Run “Father Day in the Forest” golf giveaway (“enter today at Star[?]”), and a “working man’s golf outing.” (TRH-AB1)
1450 UNID 6/8 0801. “14-50 AM and cable FM 99.3.” Can’t find a match on the Internet for this. (TRH-BC)
1450 UNID 6/10 2346. “Twin Valley Real Estate congratulates Amy Marsh and Twin High graduates as you begin your life in Christ.” You’d think with those details I could find a match on the Internet but no luck. (TRH-AB1)

Uns

570 CKSW SK Swift Current. 6/10 1725. Audible midday from Sulphur Mountain. “Your home for country music, CKSW.” (TRH-AB1)

610 CHNL BC Kamloops. 6/5 0511. “Celebrating 35 years of playing your favourite oldies, radio N-L, the greatest hits of all time.” (TRH-BC)

610 CKYL AB Peace River. 6/13 0025. “Alberta’s country giant, YS country.” (TRH-AB2)

620 KWAL ID Wallace. 6/12 0206. “Country music variety 6-20, KWAL.” (TRH-AB1)

650 CKRM SK Regina. 6/10 1648. Poor signals midday on top of Sulphur Mountain in Banff. Local ads and ID. (TRH-AB1)

1050 CJNB SK Kindersley. 6/10 0218. “Classic hits 13-50 and 12-10, a Golden West radio station.” (TRH-AB1)

1150 KSEN MT Shelby. 6/9 0313. “AM 11-50 KSEN, good as gold.” (TRH-BC2)

1210 CFYM SK Red Deer. 6/10 0219. “That’s what the sportstalk radio network, AM 9-
been widely reported. "AM 1540 WBNL is only 1 watt of night power. Very strong although WBNL is listed as only 1 watt of night power. "Murphy"." (IEN-GA)

WDUN up the road in Gainesville, GA. "AM 550, Jacksonville's Newsradio 550." (IEN-GA)

Good signal (10 over 57). "Big Wolf Radio, Lumberton and WFMO 8-60 AM Fairmount, your station for inspiration and motivation. Give WINS lots of trouble, especially when I tuned the radio to null it as much as possible. New for me. I don't recall ever hearing this on 1020."

Giving WINS lots of trouble, especially when I tuned the radio to null it as much as possible. New for me. I don't recall ever hearing this on 1020."

Constant Sorrow", "Shady Grove", and "Midnight Special" with one quick commercial, and TOH ID at "The (sound) of Truth here at Catholic Radio, 7-50 AM WQOR Oldies Radio Network." Into an EWTN Program of Religious programming. Good signal (57) despite bleed from WPBS in Conyers, CA on 1040. "WFAM, Augusta." (IEN-GA)

WWTK SC Augusta - 6/3 1800 - Religious programming & TOH ID. Good, steady signal (57) despite bleed from WPBS in Conyers, GA on 1040. "WFAM, Augusta." (IEN-GA)

In a choppy mix from time-to-time. "Real Country the way it used to be, WKYE." WQOR Olyphant-Scranton. The Station of the Cross." Into an EWTN Program of Religious programming. Good signal (57) despite bleed from WPBS in Conyers, GA on 1040. "WFAM, Augusta." (IEN-GA)


...
WEMM WV Huntington - 5/31 2300 - I camped on frequency for an hour trying to ID another station when ID for “WEMM-Huntington, WV” came up with reliable signal. (WJH-MD)

WFBK GA McDonough - 6/1 1715 - Community and Church news. Good, steady signal (+) on top of the static. “Henry County’s News Leader, 1410 AM, WFBK”. (IEN-GA)

WTCR WV Kenova - 5/17 2201 - ID as “Joy Radio, WTCR Kenova-Huntington and WZZW Milton” in between musical selections. Seemed to be soft rock Christian music. (WJH-MD)

WFHCL TN Fall City - 6/1 2116 - Country music. Good signal with slight fading. “Your hometown radio station, WFHCL”. (IEN-GA)


WZYX TN Cowan - 6/1 2053 - Oldies. Good, steady signal. “WZYX gives you the most for your advertising dollar”. (IEN-GA)

WGIG GA Brunswick - 6/121000 - Good signal mixed with WYZX in Cowan, TN. “Real Radio, 1440, WGIG, Brunswick”. (IEN-GA)

WDDY NY Albany - 5/22 0001 - TOH ID by a child as “Radio Disney ... WDDY Albany.” Heard Disney related programming before and after ID. (WJH-MD)

WBRM MI Big Rapids - 5/22 0018 - Surprisingly strong. Michigan sports including the U of M women’s softball opener. ID as “AM 14-60 WBRM Big Rapids” and an ad for “Kids” with a 1-800 number. (WJH-MD)

WTKT PA Harrisburg - 5/22 0000 - Finally got an ID out of this one. TOH ID by man as “WTKT Clear Channel Harrisburg, The Ticket.” (WJH-MD)

WEMM WV Huntington - 5/31 2300 - I camped on frequency for an hour trying to ID another station when ID for “WEMM-Huntington, WV” came up with reliable signal. Pretty strong for 72 watts. (RJ-NC) NV WVLN TN Berry Hill - 6/22 2330 - Female DJ thanking listeners for calling in on WVOL. (WJH-MD)

WVOI TN Franklin - 5/21 2200 - “That’s the reason why we’re here in the first place.” (WJH-MD)

WFLP NJ Franklin - 5/21 2231 - Disability Minute, then ID by man as “That... Disability Minute from 14-80 The Dove. This is 14-80 AM Stereo WFLP Franklin, North Carolina.” Over the mess. (WJH-MD) + 5/25 2200 - “Stereo AM 1480 - The Dove, Franklin NC”. Then ad for local steak house. (RJ-NC)

WNBT PA Wellsboro - 5/26 2300 - TOH ID by man as “Original hits AM 14-90 WNBT-Wellsboro-Lansdale.” Topped through the mess. (WJH-MD)

WTVL ME Waterville - 5/26 2359 - TOH ID by man as “Oldies 14-90 WTVL (Waterville). Popped in over the mess. (WJH-MD)

WWIL NC Wilmington - 5/27 2100 - “Tell a friend, tell a family member about the new gospel joy 1490 - The Light WWIL.” (RJ-NC)

WTCSD WV Fairmont - 5/28 2305 - Weather forecast by a man named Steve. ID and then ad with sound effects of something falling from the sky. (WJH-MD)

WWEN GA Macon - 5/16 2251 - ID by man as “WWFN... Oldies 1300.” This was followed by a jingle ID, into a song. Clearly audible with WTOP down about 80%. Fifth station heard on 1500 here with WTOP on. (WJH-MD)


KRHW MO Sikeston - 6/11 0427 - “Your brand of country (mentions Conway Twitty, Alabama, other artists) the classic country station KRHW.” Gets out well at Sikeston, despite Buffalo. (SC-ON)

WKVQA GA Eatonton - 6/16 0957 - Oldies and ads for shops in Eatonton. Decent, steady signal on top of the morning static. “Your Star Station, WKVQ, Eatonton”. (IEN-GA)

WTTI GA Dalton - 6/2 1932 - Gospel music. Decent signal mixed with the evening static. “WTTI in Dalton”. (IEN-GA)

WLOR AL Huntsville - 6/21 2324 - Soul and R & B. Ads for shops in Huntsville and nearby towns. Dominant signal in a choppy mix of others. “Jannam 150!”. (IEN-GA)

WQTW PA Latrobe - 5/18 2105 - In the mess, ID as “WLSW ... WQTW Latrobe ... The
I've been calculating great circle distances and entering the data in my online logs at BAMLog. If not available in any of those sources, then I'm using coordinates listed in The Times Atlas of the World to estimate distances. The data has resulted in two discoveries. From my "inland" home base in Nashua, the typical maximum transatlantic reception distance is under 7000 miles or 11000 km, and typical Pan-American maximum distance is less than 5000 miles. In the interest of learning more about reception distances from various receiver locations, I'll add coordinates and estimated distances to your loggings as time permits. I'm not sure where this experiment will lead, but if nothing else it's interesting to see how far signals are traveling. What conclusions can be made from this month's logs?

Transatlantic DX

153 ALGERIA Chaine 1, Bechar (31°38'N 02°18'W) JUN 24 0206 - Arabic vocal and strings; good. [Connelly-MA 3754mi 6041km]
162 FRANCE France-Inter, Allouis (47°10'N 02°12'E) JUN 24 0208 - Male French vocal; good, best LW transatlantic at the time. At 0206 jazzy vocal; excellent. [Connelly-MA 3461mi 5696km]
183 GERMANY Europe No. 1, Felsberg (49°17'N 06°41'E) JUN 24 0205 - French talk by man, then a folk-rock vocal; good. [Connelly-MA 3591mi 5779km]
191 ICELAND Ríkisáktarvatn, Guðfuskarl (64°54'N 23°55'W) JUN 24 0204 - "With a Little Luck" by Paul McCartney; very good. [Connelly-MA 2366mi 3807km]
198 UNITED KINGDOM BBC R.4, Droitwich et al. (52°18'N 02°06'W) JUN 24 0203 - BBC news by man and woman; poor over a second broadcaster and the DIW beacon. [Connelly-MA 3156mi 5082km]
207 MOROCCO RTM Azilal (31°54'N 06°33'W) JUN 24 0200 - Man in Arabic; fair through QI and Mj; rackets. At 0202 man in Arabic; over second station that was probably Germany. [Connelly-MA 3532mi 5684km]
234 LUXEMBOURG R.Luxembourg, Junglinster (49°40'N 06°19'E) JUN 24 0302 - French vocal; weak. At 0202 French news; fair. [Connelly-MA 3965mi 5737km]
252 IRELAND RTE R.1, Clarkstown (35°17'N 00°34'W) JUN 24 0201 - Woman in English reading news about something in Dublin; fair. [Connelly-MA]
549 ALGERIA Alger Chaine 1, Les Trebilles (35°17'N 00°34'W) JUN 24 0201 - Arabic vocal; poor to fair. + JUN 24 0156 - Man in Arabic; to fair peak over WDEV slop. [Connelly-MA 3707mi 5966km]
576 CANARY ISLANDS / SPAIN RNE5 synchros JUN 2 0131 - Spanish news; poor to fair. [Connelly-MA]
585 SPAIN RNE1 Madrid (40°28'N 03°52'W) JUN 24 0155 - Spanish discussion; fair to good over VOCM slop with WEZE phased. [Connelly-MA 3376mi 5437km]
612 MOROCCO RTM A, Sebâ-Settaou (33°54'N 05°23'W) JUN 2 0139 - Group Arabic vocal; shallow audio on good carrier. + JUN 24 0152 - Arabic talk seemed parallel 207; poor to fair in CHNC and WIGR slop. [Connelly-MA 3519mi 5636km]
618 CANARY ISLANDS / SPAIN RNE1 synchros, Santa Cruz de Tenerife et al. JUN 2 0130 - Absolutely huge with news in Spanish... loudest TA by a wide margin. + JUN 24 0039 - Man in Spanish; fair to good through WZON slop. [Connelly-MA]
639 SPAIN RNE1 La Coruña et al. JUN 24 0150 - Spanish talk; in CBN slop. [Connelly-MA]
648 unID JUN 2 0144 - Didn't sound like Spain (and anything farther north would have been aurorally suppressed), maybe Azores or an African. Music noted at times did sound African.
684 SPAIN RNE1 Sevilla (37°12'N 05°55'W) JUN 24 0144 - Parallel 774 with a man in Spanish; good with WIKO phased, the best mainland European noted. [Connelly-MA 3382mi 5422km]
693 AZORES Centro Regional do RDP, Terceira (38°43'N 27°27'W) JUN 2 0128 - Portuguese music; poor. [Connelly-MA 2276mi 3662km]
711 WESTERN SAMARIA RTM Addakhla (23°42'N 15°56'W) JUN 24 0042 - Arabic string music;
including Sao Paulo store ads; loud, way over WCMX and Venezuela.

+ JUN 24 0207 - Portuguese talk with “goal!” screaming, over two Spanish-language stations. [Conti-ME 4815mi 7749km] JUN 25 0045 - Presumed; preaching in Portuguese, signal back and forth with Venezuela. [Conti-ME 4875mi 7846km]

1000 VENEZUELA YVNR La Carabina, Maracaibo (10°30'N 68°10'W) JUN 24 0030 - Fair; many Morón and Venezuela references in ad string, over presumed R.Record Brazil. [Conti-ME 2324mi 3740km]

1000.06 PARAGUAY ZP14 R.Narduti, Asuncion (25°16'S 57°38'W) JUN 2 0112 - Lots of talk by a man, then a woman phone-in with an Assuncon mention; best copy in 1.8 kHz filter upper sideband which rendered Narduti’s audio clearer than the competing audio from 60-Hz lower Margarita. [Conti-ME 4754mi 7651km]

1009.6 VENEZUELA YVLB La Voz de Caracas, Valencia (10°08'N 67°57'W) JUN 25 0109 - Flags unclarified; signal strong with Venezuela. [Conti-ME 2253mi 3625km]

1040 BRAZIL ZYK357 R.Capital, São Paulo (23°32'S 46°37'W) JUN 2 0109 - Reverberated Portuguese talk by man; in jumble, occasionally over it. [Conti-ME 4815mi 7748km]

1050 BRAZIL unID JUN 2 0108 - Probably Mossoor (less likely Belo Horizonte or Itajuba); man and woman in Portuguese; through blank carrier that was probably WBBX. Spanish talker noted under turned out to be Dominican Republic. [Conti-ME]

1100 VENEZUELA YVSL Public Radio, Santiago (38°32'N 64°33'W) JUN 25 0049 - Portuguese talk; under WKOX. [Conti-ME 4808mi 7738km]

1100 BRAZIL ZYK649 R.Globo, São Paulo (23°32'S 46°37'W) JUN 2 0049 - Portuguese sports coverage mentioning a Sao Paulo team; good, alone on channel. + JUN 24 0208 - Reverberated-sports related Portuguese talk, crowd noises; fair to good with WTAM phased. [Conti-ME 4815mi 7748km]

1105 VENEZUELA YVNR Globo, Mérida (23°09'S 68°50'W) JUN 2 0102 - Advert with phone numbers, location was “en Carupano”! loud. + JUN 24 0210 - Tropical jazz Spanish vocal; huge, way over S-9 on meter, sounds like a megawatt. [Conti-ME 2265mi 3630km]

1105 BRAZIL ZYH461 R.Nacional, Rio de Janeiro or Sao Luis possible as the source of Portuguese political talk; way over Portuguese talker (Brazilian) and 1179 het. [Conti-ME]

1120 VENEZUELA R.Portolà, Portolà (10°57'N 63°51'W) JUN 25 0030 - Good; “Radio Portolà, la voz del Caribe,” ad string with Portolà and Margarita references. [Conti-ME 2313mi 3723km]

1160 BERMUDA VS83 Hamilton (32°18'N 64°46'W) JUN 2 0045 - Excellent with BBC talk about African music and a performer from Mali. Audio was delayed a full 15 seconds from parallel 5025 with Spanish talk.

1200 COLOMBIA HNWR CARACU, Cartagena (10°27'S 75°32'W) JUN 2 0014 - Caracú mention barely over an unclary jumble of signals. [Conti-ME 2242mi 3608km]

1200 BRAZIL unID JUN 2 0011 - Rio de Janeiro or Sao Luis possible as the source of Portuguese talk heard way behind dominant Cuba. [Conti-ME]

1200 CUBA R.Rebele, Villa Maria (23°07'N 82°22'W) JUN 2 0101 - Parallel 3025 with Spanish political talk; way over Portuguese talker (Brazilian) and 1179 Canaries het. + JUN 24 0106 - Parallel 5025 with Spanish talk about workers; loud, way over WHAM and 1179 het. [Conti-ME 1506mi 2424km]

1200.07 unID JUN 2 0100 - Something a bit off to the high side of channel with Portuguese music; gravel against 1190 WBIB. No ID at the top of the hour. [Conti-ME]

1200 VENEZUELA YVOZ R.Tiempo, Caracas (10°32'N 66°57'W) JUN 2 0056 - Radio Tiempo ID, Spanish long play under WKKX. [Conti-ME 2223mi 3590km]

1200 BRAZIL ZYI458 R.Globo, Rio de Janeiro (22°55'S 43°13'W) JUN 25 0020 - Fair over WRIB; man in Portuguese, R.Globo promos. [Conti-ME 4901mi 7888km]

1200 BERMUDA VS82 Hamilton (32°18'N 64°46'W) JUN 2 0041 - Group hymn; well over WFAU and WEIM. [Conti-ME 793mi 1277km]

1200 VENEZUELA YVZK Dos Mil, Camarú (10°24'N 64°09'W) JUN 24 0123 - Dos Mil; under WTOF. [Conti-ME 2265mi 3643km]
Marks get budgeted: June 24 was the closest my schedule would permit to a "longest day of the year" (summer solstice) DXpedition. I arrived at the Rowley salt-marsh around 8:10 p.m. EDT (0010 UTC), about 15 minutes before sunset. It wasn't that warm an evening, about 20° C, but swarms of insects greeted me at the site. So while it wasn't as interesting (?) as some of the Aussie DXpedition adventures with crocodiles and poisonous snakes, annoying members of the animal kingdom were still very much on the scene.

I'd thought of laying out a 60 m run of coaxial cable along the eastward dirt path to an active whip at the far end for phasing against the one on the car. With deer ticks quite likely on the path and my "OF" repellent being the only thing keeping me from being a cheeseburger in paradise for all the gnats, mosquitoes, and biting flies, I scraped ideas of phased-whips or BOG's this time. Maybe in September. The default car-roof loop-versus-whip cardioid system worked well although I think the loop inhales a little more high angle pick-up than does it.

Medium-wave conditions were fair to sometimes good to North Africa and, although slow to get started, eventually OK to South America and the Caribbean. Northern Europe was pretty much out of the picture even though all the Newfoundland stations on similar bearings (but about a quarter the distance) were up to typical good levels. Longwave was different inasmuch as 189 Ireland and 252 Ireland had decent signals from a good deal farther north than any medium-wave European were observed.

Police showed up at the site around 9:30 p.m.; luckily the officer could figure out that I was just a hobbyist, not a terrorist or someone talking to drug-smuggling boats. The next day was a work day so I departed shortly after 10 p.m. / 0200 UTC. Getting home was a slow-go since highway work crews with their klieg lights and traffic cones were out everywhere. Usually-smooth 65 mph speed roads were down to rough pavement and 45 mph instead.

No stunning logs this time, but just a good amount of DX that I know I wouldn't have heard at home.

Police showed up at the site around 24:648 AUSTRALIA

558 FIJI Fiji BC, Suva (18°05'S 178°28'E) JUN 13 1229 - Presumed; probably this main FBC outlet running Polynesian balls, uninterrupted. Fair level at max dawn. [Bryant-WA 5697mi 9169km]

567 AUSTRALIA 4JK Julia Creek (20°39'S 141°49'E) JUN 15 1231 - Heard this with a music show hosted by male announcer near max dawn. Assumed it was the usual ZYA Wellington. Was surprised when the host mentioned Radio Australia several times. Presume that this was 4JK, as the other RA possibilities are highly unlikely. Will send recording and tentative report. [Bryant-WA 7425mi 11949km]

569 NEW ZEALAND 2YA R.National, Taitahi Bay, Wellington (41°06'S 174°51'E) JUN 10 1210 - First noted at 1210, building to peak at 1230 max dawn with pops/oldies show, including the Beach Boys "You Oughta See Me Now!" Presume this (normally dominant here) rather than Aussie 4JK, due to propagation and mentions of New Zealand by male host. [Bryant-WA 7185mi 11484km]

612 AUSTRALIA 4QR ABC MS, Brisbane (27°19'S 153°01'E) JUN 10 1215 - Noted in passing as the only Aussie in audio on the 10°, with talk by Aussie-accented woman. Also noted at max dawn on June 11. Heard well from Cape Disappearance on June 13 and 16. Indeed, 4QR was the most consistent TP signal throughout the eight-day DXpedition. [Bryant-WA 7247mi 11550km]

639 FIJI Fiji BC, Lautoka (17°36'S 177°26'E) JUN 12 1205 - This heard with what seemed to be church services (late Sunday evening) in Polynesian language. Parallel to programming on 684, the FBC Labasa outlet. Both channels good at times. [Bryant-WA 5727mi 9217km]

648 AUSTRALIA 2NU ABC RR, Tamworth (30°47'S 150°45'E) JUN 13 1210 - Tentative; quiet English in English noted here at poor level. Almost certainly this one. Not heard before by me. [Bryant-WA 7499mi 12088km]

675 NEW ZEALAND 3YA National Radio, Geibbes Pass, Christchurch (34°42'S 173°59'E) JUN 14 1228 - Program of quiet ballads and jazz vocals with proper time checks for New Zealand by an excellent male announcer. Good level. I think that this is only the second time that I have heard this far South Island station since my initial logging in 1990. Heard also on June 15. [Bryant-WA 7478mi 11749km]

684 AUSTRALIA 2BL ABC MS, Sydney (33°57'S 150°53'E) JUN 12 1205 - Noted here at poor level with Aussie-Disappearance. Max at dawn on June 13 and 15 from Cape Disappearance on June 12. [Bryant-WA 7675mi 12232km]

738 AUSTRALIA 2NR ABC RR, Grafton (29°30'S 153°07'E) JUN 12 1130 - Presume this as the Aussie station heard here at fair level in place of Radio Tahiti. Heard also from Cape Disappearance on June 15. [Bryant-WA 7349mi 11827km]

765 FIJI Fiji BC, Labasa (17°28'S 179°23'E) JUN 12 1207 - Noted here parallel 639 with probable church services in Fijian. Heard also on June 13 and 15 from Cape Disappearance in this timeslot with the usual quite Polynesian balls, uninterrupted. [Bryant-WA 5590mi 8968km]

872 AUSTRALIA 2BL ABC MS, Sydney (33°57'S 150°53'E) JUN 12 1045 - Noted here at poor level with Aussie-Disappearance. Max at dawn on June 13 and 15 from Cape Disappearance on June 12. [Bryant-WA 7478mi 11749km]

904 FIJI Fiji BC, Labasa (16°28'S 179°23'E) JUN 12 1207 - Noted here parallel 639 with probable church services in Fijian. Heard also on June 13 and 15 from Cape Disappearance in this timeslot with the usual quite Polynesian balls, uninterrupted. [Bryant-WA 5590mi 8968km]

1020 AUSTRALIA 2BL ABC MS, Sydney (33°57'S 150°53'E) JUN 12 1045 - Noted here at poor level with Aussie-Disappearance. Max at dawn on June 13 and 15 from Cape Disappearance on June 12. [Bryant-WA 7478mi 11749km]

1114 FIJI Fiji BC, Suva (18°05'S 178°28'E) JUN 13 1229 - Presumed; probably this main FBC outlet running Polynesian balls, uninterrupted. Fair level at max dawn. [Bryant-WA 5697mi 9169km]

1228 FIJI Fiji BC, Suva (18°05'S 178°28'E) JUN 13 1229 - Presumed; probably this main FBC outlet running Polynesian balls, uninterrupted. Fair level at max dawn. [Bryant-WA 5697mi 9169km]

1243 AUSTRALIA 2BL ABC MS, Sydney (33°57'S 150°53'E) JUN 12 1045 - Noted here at poor level with Aussie-Disappearance. Max at dawn on June 13 and 15 from Cape Disappearance on June 12. [Bryant-WA 7478mi 11749km]

1307 FIJI Fiji BC, Suva (18°05'S 178°28'E) JUN 13 1229 - Presumed; probably this main FBC outlet running Polynesian balls, uninterrupted. Fair level at max dawn. [Bryant-WA 5697mi 9169km]
June wins out: June is a wonderful month in America's Pacific Northwest. Until late in the month, public schools are still in session and tourist season has yet to begin, the Northwest's famous rain has usually been quieted down for the summer months and the rainforests and beaches of Washington and Oregon are both glorious and gloriously empty. My wife and I decided to take advantage of this happy circumstance and make a test run of our brand new mini-teardrop camping trailer and my new portable DXing rig. Now that our self-built second home is about complete out here, we have planned for over a year to begin traveling extensively throughout this wonderful area, largely camping at the wonderful state parks. Of course, I'll campaign for all of our trips to be to coastal sites!

Knowing that my room for DX equipment would be severely limited by our small trailer and car, I've spent the last year developing two portable single-tube loop antennas using 32-gage Teflon coated wire and down from two masts created from inexpensive 20 ft telescoping fishing rods in PVC pipe holders. My favorite of the two is a 17 x 65 ft "Porta-Kaz" squashed delta loop, with the two fishing masts configured as an A-frame and the kaz antenna itself gaging the A-frame from the front and back. Although the two antennas enclose the same area within the loop, early side-by-side tests in Oklahoma had shown the Porta-Kaz responded a bit better to low angle DX than did its cousin, the 17 x 32 ft Porta-Flag. As things turned out on this trip, I was able to fly the 17 x 65 ft Porta-Kaz at the extra large campsite at Grayland Beach State Park, but the older, smaller campsites at Cape Disappointment restricted me to the 32 ft long Porta-Flag. This eight-day shakedown cruise really proved the value of these two antennas. I found that I could fly one or the other in about 10 leisurely minutes, by myself, and take either down and pack it away in even less time. In the Oklahoma tests, both antennas picked up wind gusts in excess of 60 mph. The two antennas and all the stakes, transformers, hardware, etc, pack in a single soft-sided briefcase. The two masts, in their holders, collapse to about 4 ft-long by 2.5 in and are carried on the roof rack of our small Toyota Matrix. In quiet coastal conditions during this trip, both antennas benefited significantly from the 15 or 20 dB boost supplied by a good low-noise RF preamplifier. I was able to test the un-amplified Porta-Kaz against our Justly famous 550 ft west Beverage at the Grayland Motel on June 12. The Beverage was clearly superior, but the un-amplified Porta-Kaz was still "surprisingly good" on both MW and the Tropical SWBC bands. Due to an equipment failure, I wasn't able to A/B test the Porta-Kaz while using an RF pre-amp. I'll be doing that in late July and expect that the performance of the Porta-Kaz will approach, but not equal the Beverage in a beach environment.

My receiver combination was also new for this shakedown cruise. Again, with an eye to minimizing physical dimensions, this spring I've been working on briefcase-mounting my old DXpedition receiver, a computer-controlled "black box" Tec Tco 320 along with a motion controlled "black box" Tec Tco 320 along with a Motion Computing M 1400 tablet computer running Microsoft's Windows XP for Tablets software. Happily this middle-of-the-road portable computer had enough horsepower to run both receivers simultaneously, while also having Bruce Portzer's incomparable PAL log open and taking hand-written notes on the tablet screen. The whole receiver lash-up worked pretty much as expected, though I lost the pre-amp to some sort of e-gremlin just before leaving home:

I hope to write a review of the WinRadio 303EP in the fairly near future. However, in the interim, I have to say that I cannot recommend the 303EP for DXing on MW or the more-crowded portions of shortwave. It's an amazing, though somewhat quirky, receiver and is probably more than adequate for many uses. However, MW DXing, especially when trying to hear and understand quite weak broadcasts cast simultaneously, in a 10 kHz environment (or vice-versa), demands a receiver with excellent dynamic range; the WinRadio 303 has very pedestrian dynamic range figures. The conditions encountered in international medium wave DXing also put a premium on having an effective notch filter. Unfortunately, the 303 has none. I must say two other things, though: The WinRadio 303EP came closer to meeting my needs for a portable high-performance radio, with minimum possible size and weight requirements, than any currently on the market and the lack of a notch filter can be partially compensated by using a DSP audio filter. It actually performed fairly well.

WinRadio's newest member, the 313EP, is the 303's direct descendent. The 313EP has even more remote control options, as well as a slightly more user-friendly interface. It's a solid performer and is definitely worth considering if you're in the market for a portable medium wave DXer.

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**Contributors**

John Bryant, WA, Winradio 303EP, Tec Tco 320 along with a Motion Computing M 1400 tablet computer; June 10-11 Grayland Beach State Park (46°47'N 124°15'W) with 17x65 ft Porta-Kaz, June 12 Grayland Motel (46°45'N 124°06'W) with various Beverages, June 13-16 Cape Disappointment State Park (46°17'N 124°14'W) with 17x32 ft Porta-Flag.

Mark Conolly, Rowley MA (42°45'N 70°50'W), Drake R8A, DXP-6 and Superphaser-2 phasing units, cardioid array on roof of car: 3+ whip to 81 transformer to DX Engineering RPA-1 amplifier, broadside loop in vertical plane, square 2 m per side, to 1 transformer to XTU6 amplifier, peak east-west, null north-south. <MarkWAllON@aol.com>

Bruce Conti, Camden ME (44°14'N 69°03'W), R8B, MDWX-5, wins 1500-m 180° south, 800-m 140° southeast.

Bill Dvorak, Madison WI (43°04'N 89°23'W); Drake R8B, Quantum PQ loop. <xdvorak@aol.com>

Ira Elbert New, III, Watkinsville GA (33°52'N 83°25'W), Sangean ATS 509 with Select-a-tenna, Drake R8B with 135 ft north/south wire. <ireny@earthlink.net>

Greg Harris, 35 miles south of Chicago IL (41°35'N 87°38'W); FRG100B, Quantum Loop V2. <wdx9i5hy@scbglobal.net>

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**International News**

**AUSTRALIA:** "On 1 July 2005 the Australian Broadcasting Authority and the Australian Communications Authority will merge to form the Australian Communications and Media Authority (ACMA)." This will be the single national regulatory body for broadcasting and communications. [www.acma.gov.au]

**GERMANY:** The Schaffernau (Braunschweig/Königsrohr) transmitter on 630 kHz is active with Voice of Germany programming. Modulation characteristics are "DX-like," I guess due to an EMT DX-373 linear amplifier compressor being in use. Power is 100 kW day, 12 kW night. [Kai Ludwig, ARC Information Desk]

**IRELAND:** RTE are currently using 300 kW daytime, 100 kW nighttime on 252 kHz; they've just added a new Optimod audio processor, so the audio is now much louder which should help with DXing the station outside Europe. It sounds much better and should greatly improve reception in Europe.

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**WinRadio 303EP**

- Two-port antenna splitter
- 12 VDC fuse panel
- Variable-voltage regulator for one of the circuits, an onboard DSP audio filter
- 32-gage Teflon coated delta loop antenna

**WinRadio 313EP**

- Remote control options
- User-friendly interface

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**References**

- Bryant-WA, 2005
- Conti, 2005
- Dvorak, 2005
- Elbert New, 2005
- Harris, 2005
- International News, 2005
- WinRadio 303EP, 2005

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**Notes**

- 303EP is WinRadio's second-line receiver in a relatively new external USB-connected package, with the "Professional" demodulation software aboard. Inside the large, hard-sided briefcase, I was also able to mount a single two-port antenna splitter, a 12 VDC fuse panel, a variable-voltage regulator for one of the circuits, an onboard DSP audio filter and a 2 MHz RF preamp. None of these 12 volt devices generate much appreciable heat, but as a precaution, I only use the rig with the lid of the briefcase wide-open. The two receivers are controlled by a Motion Computing M 1400 tablet computer running Windows XP for Tablets software. Happily this middle-of-the-road portable computer had enough horsepower to run both receivers simultaneously, while also having Bruce Portzer's incomparable PAL log open and taking hand-written notes on the tablet screen. The whole receiver lash-up worked pretty much as expected, though I lost the pre-amp to some sort of e-gremlin just before leaving home.
Professional Barry S. Finkel bsfinkel@ANL.gov

Sports Networks

Network listings for team sports stations

Steve Kennedy gave me some Major League Baseball information. He compared the Los Angeles Dodgers’ web site list with that on the Pocket Schedule. I had not had time to do the comparison. There are differences. I know that a network consist can change during the season, so I do not know which of the two lists is accurate. I have included the revised Dodgers’ lists below.

Steve reports that 1200 WAGE-VA has dropped the Baltimore Orioles in favor of the Washington Nationals.

Los Angeles Dodgers 2005 Vin Scully, Rick Monday
610 KAVL-CA 1230 KBGV-CA 1340 KCBL-CA 1490 WTTB-FL s
920 KPSI-CA KHTS-CA-F WSTA-VI s 1560 KZJR-CA
980 KFWE-CA * KTHR-NM sE 1400 KVBL-CA 1570 KPRO-CA s
1110 KAOI-HI sK KFVA-NM sF 1440 KUHL-CA sF G
1140 KSGE-NV 1290 KCUB-AZ * 1430 KVEN-CA s 99.7 KKal-CA D
1150 KDFK-CA F 1300 KROP-CA 1490 KMET-CA KXYT-CA D
1220 KHTS-CA E

Los Angeles Dodgers (SS) 2005 Jaime Jarrin, Fernando Valenzuela, Pepe Yniguez
620 XESD-BC F 1220 KWKU-CA F 1330 KKKW-CA *s 1490 KICO-CA
920 XESD-BC KWKU-CA E 1340 KRLV-NE V 1550 KWRN-CA s

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

D = The Dodgers’ web site has call KKAL, but the Pocket Schedule has KXYT.
E = This station is on the Dodgers’ web site but not on the Pocket Schedule.
F = This station is on the Dodgers’ Pocket Schedule but not on the web page.
G = Los Angeles Dodgers and Oakland Athletics

Here is information on Minor League Baseball radio broadcasts for teams in the Chicago area, mainly from the “Chicago Tribune”.

Kane County Cougars 1280 WBG-IL (Midwest League)
Schiller Park Flyers listed (Northern League)
Joliet Jackhammers 1340 WOL,IL (Southern League)
Gary South Shore Rail Cats 95.9 WEFM-IL (Northern League)
Windy City Thunderbolts 1230 WJOB-IN (Frontier League)
Chicago Bandits none listed (Women’s Pro Softball)

Here is Major League Soccer radio broadcast information from www.mlsnet.com (06/29/2005) and from Steve Kennedy. I am not sure that I have correctly identified the Spanish language stations, so I note that station (830 KMXE-CA) is carrying two team broadcasts. I do not know of any networks.

Chicago Fire 1200 WRTI-IL SS
Club Deportivo Chivas USA 830 KMXE-CA SS +
Colorado Rapids 950 KFKP-CA
Columbus Crew 106.9 WEZE-OF H
1550 WDLR-CA-SS
D.C. United 1540 WACA-CA-SS +
1160 WMET-MA
990 WNRV-VA

Here is WNBA radio information from Steve Kennedy and http://www.womensbasketballonline.com/wnba/ (last updated June 25, 2005). I have no idea if there are any networks.

Charlotte Sting 106.1 WNMX-NC
Connecticut Sun 98.7 WNLC-CT
Detroit Shock 1310 WDTV-MI
Houston Comets 610 KILT-FT
Indiana Fever 1070 WIBC-IN
Los Angeles Sparks 1400 KLBB-CA
Minnesota Lynx 1600 IOPL-CA
New York Liberty 860 KMVP-CA
Phoenix Mercury 1140 KHTK-CA
Sacramento Monarchs 810 KSIT-FT
San Antonio Silver Stars 950 KJR-WA
Seattle Storm 1260 WWRC-DL
Washington Mystics 1260 WWRC-DL

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 "perfect mate to the 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).

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 164 - Mannsville, NY 13661 (NY residents, please add sales tax).

Achievements

Graveyard

WZAZ
WILI
KFTM
WIRA
WJHO
KCLAB
AFRN
KUKI
KRCQ
KVTO
KVTO
KTUC
KEZCK
KCOY
KEXA
KCLA
KXNY
KVTA
KVTB
KVTB
KRCQ
KQMS
KQMS
KSLY
KQQO
KQTV
KUKI
KEYX
KONG
KRKLN
KDTA
KFTM
KFTM
KRLJ
KWCO
WCT
WILC
WPTFL
WIRA
WIRA
WIRAY
WIRAY
WAZFL
WPRY

Station
WMSL
WILD
WDL
WHJO
KSEW
AFRN
KJK
KSUN
KXQZ
KXIV
KRZV
KTUC
KEZCK
KVOY
KARE
KCLA
KXNY
KVTA
KVTA
KVTA
KRCQ
KQMS
KQMS
KSLY
KQQO
KQTV
KUKI
KEYX
KONG
KRKLN
KDTA
KFTM
KFTM
KRLJ
KWCO
WCT
WILC
WPTFL
WIRA
WIRA
WIRAY
WIRAY
WAZFL
WPRY

City
Decatur
Fairfield
Fort Payne
Opelika
Searcy
Akron
Flagstaff
Phoenix
Phoenix
Springfield
Tucson
Tucson
Yuma
Yuma
El Dorado
Pine Bluff
Wynne
Berkeley
Berkeley
Berkeley
Indio
Redding
Redding
San Luis Obispo
Santa Paula
Truckee
Truckee
Fort Morgan
Fort Morgan
La Junta
Pagosa Springs
Stamford
Williams
Laurel
Pierce
Pierce
Jacksonville
Perry

DXer
Joe Fela
Ron Bailey
Barry McLarnon
Charles Res.
Pet Taylor
Esa Hänninen
John Johnson
Ole Alm
Bill Harniss
Jim Boehm
Jim Boehm
San Antonio
Tulsa
Bill Dworak
Michael Rolph
Tim Hall
Tim Hall
Esa Hänninen
John Johnson
Phil Bytheway
Phil Bytheway
Nancy Johnson
Nancy Johnson
Ole Albrek
Ole Albrek
Bill Dworak
Barry McLarnon

DX Location
Newark, NJ
Shelby, NC
Ottawa, ON
Leominster, MA
San Francisco, CA
Lemmenjoki, Finland
Sheridan, WY
Omaha, NE
Spokane Valley, WA
San Antonio, TX
San Antonio, TX
El Dorado, CA
Tulsa, OK
Madison, WI
Oakwood, New South Wales
Chillicothe, AK
Pittsfield, MA
Chula Vista, CA
Lemmenjoki, Finland
Sheridan, WY
Seattle, WA
Seattle, WA
Aberdeen, WA
Chicago, IL
Tulsa, OK
Salina, KS

Miles
819
330
919
667
1459
3291
709
4096
2055
1026
712
764
5148
566
2055
478
89
1001
103

* indicates record held by DXer from North America (excluding Alaska)
# indicates record held by a DXer in Alaska or Hawaii
<p>| WHLB | MN | Virginia | Esa Hänninen | Lemmenjoki, Finland | 3817 |
| WHLB | MN | Virginia | Morris Sorensen | Amaranth, MB | 352 |
| WBIP | MS | Boonville | Ernie Wesolowski | Omaha, NE | 614 |
| WMBD | MS | Columbus | Steve Francis | Alcoa, TN | 298 |
| WMBD | MS | Columbus | Steve Francis | Alcoa, TN | 298 |
| WXXI | MS | Jackson | Barry McLarmon | Ottawa, ON | 1386 |
| WXXI | MS | Jackson | Peter Taylor | San Francisco, CA | 1632 |
| KFRO | MO | Columbia | Frank Merril | Holland, OH | 424 |
| KFRO | MO | Columbia | Dave Whatmore | Hamilton, ON | 679 |
| KGXX | MO | Springfield | Shaw Axlrod | Winnipeg, MB | 984 |
| KGXX | MO | Springfield | Esa Hänninen | Lemmenjoki, Finland | 4205 |
| KGDR | MT | Deer Lodge | Barry McLarmon | Ottawa, ON | 901 |
| KGDR | MT | Deer Lodge | Ernie Wesolowski | Omaha, NE | 418 |
| KGNN | MT | Glendale | Morris Sorensen | Leaf Rapids, MB | 570 |
| KARR | MT | Great Falls | Peter Taylor | San Francisco, CA | 872 |
| KJIR | MT | Whitefish | Bill Harms | Spokane Valley, WA | 146 |
| KBBC | NE | Alliance | Phil Bytheway | Seattle, WA | 1149 |
| KOWC | NE | Alliance | Esa Hänninen | Lemmenjoki, Finland | 4530 |
| KOWC | NE | Alliance | Shawn Axlrod | Winnipeg, MB | 591 |
| KLIN | NE | Lincoln | Esa Hänninen | Lemmenjoki, Finland | 4321 |
| KLIN | NE | Lincoln | Shawn Axlrod | Winnipeg, MB | 612 |
| KLIN | NE | Lincoln | Tim Hall | Winnipeg, MB (Tie) | 4692 |
| KBMI | NV | Henderson | Philip Bytheway | Seattle, WA | 887 |
| KSHP | NV | North Las Vegas | Tim Hall | Crescent City, CA | 628 |
| KBDB | NV | Sparks | Tim Hall | Crescent City, CA | 278 |
| KXLA | NV | Winnemucca | Olle Alm | Abisko, Sweden | 4565 |
| KXLA | NV | Winnemucca | Ernie Wesolowski | Omaha, NE | 1123 |
| WHS | NH | Berlin | David Schmidt | Bytheway | 329 |
| WTSN | NH | Hanover | Russ Edmunds | Parsippany, NJ | 225 |
| WLTN | NJ | Littleton | Joe Unito | Unimoto, ND | 425 |
| WOND | NJ | Pleasantville | Tim Hall | Tampa, FL | 913 |
| WGMN | NM | Grants | Tim Hall | San Diego, CA | 552 |
| KTRG | CO | Manitou | Rick Davis | Oaklaon, IL | 692 |
| KCHS | MS | Truth or Consequences | John Wilkins | Wheat Ridge, CO | 473 |
| KTNM | MS | Tucumcari | Jerry Starr | Hubbard, OH | 1300 |
| WABY | NY | Albany | UK DXpedition | Shigela, Oregon | 3048 |
| WABY | NY | Albany | Charles Reh | Leamington, ON | 499 |
| WAYS | NY | Albany | Russ Edmunds | Parsippany, NJ | 268 |
| WDNS | NY | Dansville | Barry McLarmon | Ottawa, ON | 217 |
| WSLB | NY | Ogdensburg | Charles Reh | Leamington, ON | 401 |
| WBTE | NC | Beaufort | Barry McLarmon | Ottawa, ON | 738 |
| WBRC | NC | Greensboro | John Wilkins | West Des Moines, IA | 832 |
| WSHB | NC | Raleigh | Barry McLarmon | Ottawa, ON | 740 |
| WSN | NC | Statesville | Barry McLarmon | Ottawa, ON | 713 |
| WSLB | NC | Wallace | Joe Kuethe | Southern Pines, NC | 85 |
| WHCC | NC | Wayneville | John Wilkins | Kinnelon, NJ | 363 |
| WCFN | NC | Weldon | Russ Edmunds | Leamington, ON | 860 |
| WMAH | NC | Masalia | Charles Reh | Lincoln, NE | 740 |
| WMAN | NC | Mansfield | Carl Dabelein | Lincoln, NE (Tie) | 740 |
| WPAY | OH | Portsmouth | Barry McLarmon | Ottawa, ON | 589 |
| WTPK | OH | Portmouth | Olle Alm | Abisko, Sweden | 4454 |
| KNON | OH | Burtlesville | John Wilkins | Tahoe City, CO | 613 |
| KNON | OH | Burtlesville | John Wilkins | Tahoe City, CO | 613 |
| KNON | OH | Burtlesville | Shawn Axlrod | Winnipage, MB | 985 |
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| KNON | OH | Burtlesville | Shawn Axlrod | Winnipage, MB | 985 |
| KNON | OH | Burtlesville | Shawn Axlrod | Winnipage, MB | 985 |
| KWIN | OH | Ashtan | Pete Taylor | San Francisco, CA | 307 |
| KIVR | OR | Ashland | Esa Hänninen | Lemmenjoki, Finland | 4613 |
| KIVR | OR | Ashland | Esa Hänninen | Lemmenjoki, Finland | 4613 |
| KIVR | OR | Ashland | Esa Hänninen | Lemmenjoki, Finland | 4613 |
| KNDN | OR | Cottage Grove | Tim Hall | Jasper, AB | 670 |
| KNDN | OR | Cottage Grove | Olle Alm | Abisko, Sweden | 4344 |
| KNDN | OR | Cottage Grove | John Day | Abisko, Sweden | 4344 |</p>
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**Musings of the Members**

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

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