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From the Publisher ... Although plans are still being made for NRC 2000, Ernie Wesolowski is still accepting bids for the 2001 convention, the location of which will be announced at NRC 2000. If you'd like to send Ernie a bid before it (by August 1) to him at 13312 Westwood Ln., Omaha, NE 68144-3943.

Here's what Fred has to say about NRC 2000, which is just a few short months away!

The National Radio Club convention will be hosted by Fred Wesolowski of the DX Audio Service, wife Debbie, daughter Connie, son Jon, and adopted son Phil Wayne.)

The convention will be held at the Hampton Inn, located at 1933 Roseman Avenue, Lima OH 45804. (Intersection of I-75 and State Route 309).

The hotel's phone number is 419-225-8300. (FAX 419-225-8328). To book your room call the Hampton Inn and tell them that you're with the National Radio Club and your CODE is "NRC". Room rate is $99.00 per night, and there is a block of 24 rooms still available on August 19th, 2000. Rooms are blocked from 8/31/2000 to 9/4/2000. Due to several events in Lima, I urge you to book your rooms early! You can hold your room by credit card.

"Convention Registration is $35.00 per person until August 19th. After August 19th, or if paid at the convention, it is $40.00. Convention registration includes all the beverages for the weekend, snacks, the N.R.C. Banquet. There will be a special picnic dinner from 3:00 - 7:00 PM on Friday night sponsored by the editors of the DX Audio Service in the hospitality room. A continental breakfast is provided for Hampton hotel registrants in their spacious breakfast area every morning. They have over 26 items for your selection.

"Lima is located in the west-central part of Ohio on I-75, just south of US30, and north of US33. We're just over an hour away from major communities in Ohio and Indiana. Lima does have the Allen County Airport, however there are no domestic flights. If you are coming from the west, U.S. West has the cheapest flights into Columbus. From the south, try Delta or Southwest to Dayton. From the east, toss-up between American and U.S. Air to Columbus or Dayton. Do a "Priceline" or if you can shop now and wait a month, I'm working on a deal through a local travel agent.

"Also, if you are a regular attendee, you know that WNRC comes alive for the weekend. Each year we try to do something different and entertaining. There are a few things we would like to do this year and we could sure use your help!

Many of you have great voices, so why not help us out with our first project? How about lending us some support on commercials and welcome messages. All you need is a good, clean recording system. Recordings can be made on reel to reel, cassettes, CDs, or sent to Fred via the Internet. (Contact me PRIOR to sending them.) You can record your own commercials, and we can record the internal microphone of a cassette machine. If you are interested, contact Fred for details. Be sure to indicate if you can take scripts in print, or email: Fred Wesolowski - 706 Mackenzie Drive - Lima OH 45804-1335. Fax: 419-228-4199. FAX: 221-1699. See http://www.nrrcloxas.org/convention for more details and maps."

Conrad Reunion ... Ernie Wesolowski passed along this information about the "Conrad Family Reunion", really a DX GTG (don't tell the hotel!): The "reunion" will be held May 19-21 at the Holiday Inn in Waterloo, IA; you can get reservation info by calling 319-233-7570.

DXN Publishing Schedule, Volume 67

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DX Time Machine

From the pages of DX News...

50 years ago ... from the May 20, 1950 DXN: M.Sgt. Fred Anderson, Fort Lewis, WA, reported hearing 2AF, 2PA, Samsou-1240, daily from 630 to 640 with weak signals. He also heard XRA-1440, Shanghai, China (960 watts) every AM from 0600 to 0700.

25 years ago ... from the May 12, 1975 DXN: Ronald F. Schum and Carl Varbo submitted their description of their Dominican DX expedition.

10 years ago ... from the May 7, 1990 DXN: The Cuban radio "war" heated up, with signals from Cuba causing heavy interference on 620, 670, 1040, 1100, 1160, and 1340, according to the FCC, plus other frequencies reported by DX'ers.
It was brought to our attention by several members that issue #16 did not contain an AM Switch. That column was sent to Topeka via Internet but evidently never arrived or didn't get printed for some reason. Several DX News editors who also get a copy from the same mailing list received it OK so we're not sure what happened (Note from the publisher: Jerry's column wasn't the only document that didn't arrive, recently; we have to send out follow-ups to about 3-5% of other correspondents who send perfectly-addressed messages - pls). Anyway we are incorporating whatever information from that column is still pertinent. If you see information here that may look a bit old or something you may have seen before this is the reason.

CALL LETTER CHANGES

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APPLICATIONS FOR NEW STATIONS

None

GRANTS FOR NEW STATIONS

| NV | Sparks: 5000/400 U4 (two site operation) |
| 886 |
| NV | Hawthorne: 8000/250 (2000 CH) U7 |
| 1090 |
| MS | Biloxi: 5000/50 U1 (first X Band grant with these power levels) |
| 1640 |

APPLICATIONS FROM EXISTING FACILITIES

| KYAK | WA | Yakima: 10000/127 U1 |
| 930 |
| WNVR | IL | Vernon Hills: 5000/5 (CH 3200) U5 |
| 1030 |

GRANTS TO EXISTING FACILITIES

| KREI | NM | Farmington: relocate transmitter site |
| 800 |
| KBAI | NV | Las Vegas: 5000/500 U2 |
| 920 |
| KJQX | WA | Selah: 5000/500 U4 |
| 980 |
| CFP | PQ | Rimouski: to 102.9 FM |
| 1000 |
| KBYW | CA | Big Bear Lake: 250 DL, city of license to Loma Linda, CA |
| 1060 |
| KDPS | UT | South Salt Lake: 10000/149 U1 |
| 1060 |
| WSDZ | IL | Belleville: 20000/5000 (5000 CH) U7 |
| 1260 |
| KXOM | CA | Arroyo Grande: 10000/2500 U4 |
| 1280 |
| WBZY | PA | New Castle: 10000/100 U3 |
| 1280 |

OTHERNES

| KNOB | CA | Costa Mesa: owner Saul Levine has announced his intention to take this station off the air and turn in the license "in the near future" due to "persistent interference problems". In several years they will be required to take either this facility or the 1650 Torrance facility off the air anyway. See the 1650 item below and decide which one you think will go. |
| 540 |

If you are interested in helping preserve the history of our hobby through preserving your collections, you should consider ordering a supply of these free 3-inch-square stickers to place on your videos, recordings, etc. Specify the number you need, and order from Ron Musick - P.O. Box 118 - Poquoson, VA 23662-0118. Include an SASF. Don't wait until it's too late - order now.

Jerry Starr & Buffalo K.Foorman
Domestic DX Digest

West: Bill Hale phantom2@eazc.net
6124 Rearing Springs Drive - North Richland Hills, TX 76180-5552

East: Michael Shaw thousandislands@mediane.net
25 Trask Ct Apt 14 - Beverly MA 01915-5370

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

DDXD-West

MEDIUM WAVE RAMBLINGS

• I came across a great web site focusing on the call letter history of Chicagoland stations. Try: http://www eligans.com/nm/negativities/calls1.html and take a walk down memory lane. New member Barry McLaren of Ottawa, Ontario has claimed lots of new Grayvend records. He says he's returned to DXing after many years. Boy, has he ever shaken up the GDYDX files (see later!) New reporter Eric Floden of Vancouver, British Columbia checks in with a new GY record, along with "veterans" Carl Dabelstein and Russ Edmunds, who add more to their already impressive lists!

• Reporters' comments: "I can tell the DX isn't what it used to be. 15 years ago, I used to fill up a C90 cassette tape every month or so. Last night, I just filled one up that I started in December of 1998!" - Tim Hall. "I did fix my Beverage, and it works nicely, but haven't had a chance to DX from home. It's storm season, and the thing is usually left disconnected for safety's sake. It does seem to still have its directivity - KMOX-1120 is good copy all day, while WLYN-700 is gone days. WLYN is good sunny days copy on a car radio (with omnidirectional antenna) around here." - Doug Smith. "Had a fading for a considerable amount of time on 1560, with KHZ, during Dobbs broadcast. Who else is on 1560 with a stereo signal?" - Kevin Redding

• Another reminder, especially to new reporters... when sending your report, please: Arrange the list in frequency order; If you must use them, use standard abbreviations only. Ensure what you report is DX, not what you may hear every day or night. Oh... and make sure your name and other info is on each sheet of paper (if you mail the report). Next deadline is May 31, MM. See you here!

REPORTERS

FA-ID Frank Aden Boise <frank@boise.net>
SA-MB Shawn Axelrod Winnipeg Icom ICR-70 & Drake R8 + 4-foot unamplified box loop/ Quantum Loop, 145’ outdoor wire, 100’ indoor wire, MFJ 1026 Phasing Unit <saxelrod@mb.sympatico.ca>
AB-CA Art Blair Folsom NRD-515 + Kiwa Loop <blair@calweb.com>
KDFL-IL Karl D. Forth Chicago <kdforth@emaiI.com>
TRH-CA Tim Hall Chula Vista ICF2100 + Kiwa Loop <hall@networld.net>
DBJ-TN David Jones Springfield Lowe HF-225 + loop antenna purchased at Bridgeport, WV NBC Convention
GJ-CA Gary Jackson Sacramento FRG-8800 + Kiwa Loop
JWR-WI John J. Rieger South Milwaukee FRG100, Kiwa loop (MF)-9590 tuner/pre-amp, DRSF5992 audio Noise Reduction Filter, RS DX-398 stock <johnrie@walled.com>
KR-AZ Kevin Redding Mesa, Arizona Optimus 12-604A, Realistic DX-375 barefoot; Kenwood R-1000 and Vobbe Loop; GE Superadio 1 barefoot; GE SRIII 72-2887A; Chrysler model 4469088 with a 20' dipole antenna <kwxdr@juno.com>
DS-TN Doug Smith Pleasant View 1998 Ford Escort caradio <s9w@sellsouth.net>
MS-MB Morris Sorensen Winnipeg Drake R8 with McKay-Dymek DA-9 ferrite loop; Grundig YB-400 barefoot
WS-OH Wendell Stanton Tulsa R-1000 with Eavesdropper
PT-WA Pete Taylor Tacoma Sony IC-100, Kiwa air core loop <ptaytac@worldnet.att.net>
Ed-TX Editor North Richland Hills

STATION NEWS & NOTES

670 WMAQ IL Chicago - Have read of several runners (in the sports pages) that WSCR-1160 would switch frequencies with WMAQ. If this happens, the Bears will move to WBBM-780. (KDF-IL)

1010 KXEG AZ Phoenix - 4/29 2139 - With guitar REL music. Most of the programs are

preaching so it is mono in two channels then, but when they have a music program it is in stereo. They had the pilot light on and in stereo in this instance. (KR-AZ)

1190 KLUV TX Dallas - Rumors are flying that KLUV (AM only) will be sold and the "Smokin' Oldies" format will end. Ratings have been disastrous. I am very disappointed how Infinity has ignored this station as you hear the same song every day at almost the same time. No jocks, just tunes except for Imus in the Morning and a daily 'health or finance advice' show. It's a shame. [Ed-TX]

1490 KCID ID Caldwell - 4/17 - Is now running oldies rock/KCID-FM STAR 107, and running promos for the Hits of the 70s, 80s and 90s. (FA-ID)

1590 (WDBL) TN Springfield - I've not heard this station (my second closest local) in over 2 weeks. Last week, it was simulcasting their 94.3 FM. Presumably they gave up on AM. (DS-TN)

1900 KIVA NM Albuquerque - 4/24 0032 - Playing a Mills Brothers song. They put in a real nice signal in the central AZ area. (KR-AZ)

1660 KAXW CA Middletown - 4/29 - Called them, asking about their "air-on" date, which was supposed to be on or about 2/1, and the man who answered said "he couldn't talk about it" and hung up. Strange? (GA-JC)

1690 WPTX MD Lexington - 4/21 04:46 - Poor signal, under KDDZ, with talk programming. Now using this call sign. NEW! (SA-MB)

UNIDs and UNID HELP

1060 UNID ?? - 4/17 0731 - Poor, with What a Fool Believes by The Doobie Brothers and The Tiger by Survivor. Usual fadeout at 0736. Loop pointed N-S. Dunno (JWR-WI) [I know they are not "N-S", but the only one that seems to fit the format is KKDS-UT. On ? - Ed.]

DX AND EQUIPMENT TESTS

1600 KOGT- TX Orange - 4/2 0030 - Not heard. KWOM dominant instead of usual KCRG. (MS-MB)

TIS & OTHER STUFF

840 WPEH34/ WPEW809 CA - 4/6 2000 - Cal Trans TIS/HARs. Mixing with one another. Announcement saying the three west bound lanes of I-80 at Baybridge are closed due to police action. Location not given, but has to be in the Bay area near Oakland and San Francisco. (GC-JA)

840 WPEX988 CA Belvedere - 4/15 1200 - Giving info on the city and IDing as Emergency Services Radio. (GC-JA)

1180 TIS WI Milwaukee - 4/17 0722 - Poor, with 1180 AM - Travelers Advertising Radio and Milwaukee Brewers baseball info. Ex: 1610. New! (JWR-WI)

1610 TIS/HAR CA Fort Bragg - 4/7 0650 - Giving road construction and Drive with caution. No call letters heard. Weak and fading. (GC-JA)

MIDNIGHT TO MIDNIGHT ELT

550 KFYR ND Bismarck - 4/15 0349 - Poor and steady, in St. Louis null, with concert promo, jingle, into oldie. (JWR-WI)

550 CFJC BC Kamloops - 4/5 0712 - On top, with C&W music. Second time heard. (AB-CA)

560 KFQ WA Wenatchee - 4/25 0800 - With ID and news. Weak in partial KSPQ null. (AB-CA)

570 WNAX SD Yankton - 4/18 0581 - Poor, with chattering about weather, and 570 WNAX slogan. (JWR-WI)

590 KSUB UT Cedar City - 4/23 2330 - Talking about the old TV show The Prisoner. (KR-AZ)

590 KAQQ WA Spokane - 4/23 0658 - Dinah Washington song September In The Rain. CNN News at 0700. (AB-CA)

600 WMT IA Cedar Rapids - 4/15 0258 - ABC News with Paul James and Motel 6 ad. (WMT-OK)

600 CKAT ON North Bay - 4/18 0400 - Fair, in WMT null, with Continuous Country on North
### Graveyard DX Update

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

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| 1240 kHz  |       |
| WINK FL   | Ft. Myers | Barry McLaren | Ottawa, ON | 1339  |
| KWLIC IA  | Decorah  | Carl Dabelstein | Lincoln, NE | 309   |
| WLIV KY   | Louisville | Barry McLaren | Ottawa | 709   |
| WCEM MD   | Cambridge | Barry McLaren | Ottawa | 479   |
| WCRY MI   | Chebeague | Carl Dabelstein | Lincoln, NE | 696   |
| WIAN MI   | Jersoming | Barry McLaren | Ottawa | 577   |
| WPOS NY   | Liberty  | Barry McLaren | Ottawa | 253   |
| WCNC NC   | Elizabeth City | Barry McLaren | Ottawa | 627   |
| WRNC NC   | Raleigh  | Russ Edmunds | Parsippany, NJ | 501 |
| WHIZ OH   | Zanesville | Barry McLaren | Ottawa | 490   |
| WIBU WI   | Poynette | Barry McLaren | Ottawa | 686   |
| CKVD QU   | Dolheau  | Russ Edmunds | Blue Bell, PA | 686   |

| 1340 kHz  |       |
| KCAT AR   | Pine Bluff | Barry McLaren | Ottawa, ON | 1154  |
| WSOI IL   | Decatur  | Barry McLaren | Ottawa | 768   |
| W8BW IN   | Bedford  | Barry McLaren | Ottawa | 707   |
| KROS IA   | Clinton  | Barry McLaren | Ottawa | 760   |
| WMDR ME   | Augusta  | Barry McLaren | Ottawa | 522   |
| WME MI    | Mansfield | Barry McLaren | Ottawa | 427   |
| WSTV OH   | Steubenville | Barry McLaren | Ottawa | 896   |
| WQSC SC   | Charleston | Barry McLaren | Lincoln, NE | 700   |
| KHLB TX   | Burnet   | Carl Dabelstein | Lincoln, NE | 577   |
| KLBR TX   | Lubbock  | Carl Dabelstein | Lincoln, NE | 506   |
| WCVC VA   | Orange   | Barry McLaren | Ottawa | 423   |

| 1400 kHz  |       |
| WDL AL    | Ft. Payne | Barry McLaren | Ottawa, ON | 919   |
| KRHZ CO   | La Junta | Carl Dabelstein | Omaha, NE | 468   |
| WFAV FL   | Ft. Walton Beach | Barry McLaren | Ottawa | 1188  |
| WJIL IL   | Galesburg | Barry McLaren | Ottawa | 794   |
| WROZ IN   | Evansville | Carl Dabelstein | Lincoln, NE | 526 |
| WRC MI    | Battle Creek | Barry McLaren | Ottawa | 514   |
| WSJM MI   | St. Joseph | Barry McLaren | Ottawa | 578   |
| WDNA NY   | Darvisville | Barry McLaren | Ottawa | 217   |
| WRTB NC   | Baudette | Barry McLaren | Ottawa | 738   |
| WSIC NC   | Statesville | Barry McLaren | Ottawa | 713   |
| WCNF NC   | Weldon   | Russ Edmunds | Kinndel, NJ | 363   |
| WKWV WV   | Wheeling | Russ Edmunds | Glen Rock, NJ | 350   |

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**Totals**

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### DDXD-East

How has the DXing been for you lately? Conditions here have been spectacular one day/night and horrible the next. I've been following the daily propagation reports, and they have indicated some periods with auroral conditions. I have notice great variability between the reported and actual conditions, however, Joe Kurell (JK-MD) notes "conditions on 4/9 were some of the most interesting ever noted. All daytime graveyard locals, up to 50 miles, were heard well after local SS. Other regions never heard at night before were stronger than in the day! And some frequencies were completely dead; thought the longwire was disconnected".

Steve Kennedy (SK-PA) included a nice note stating that he had read the last DXXN and was modifying his reports "per my request". Thanks, Steve, and thanks to many others who have done the same thing. If you missed the request Publisher Paul Sweekersing has asked us all to take a look at how DXXN, DDXD and other columns are formatted and to submit our loggings in the same style. I can tell you that it has already made a big time-saving difference for me, as reports are easier to read and edit.

There are a few submiters who produce a general newsletter-type of report that they submit to several organizations. The report includes all of their loggings from "DC-to-Daylight"—Long Wave, Medium Wave, Short Wave and more. Those newsletters don't really appear to be formatted to benefit any particular magazine, be it one produced by the NRC, NARA or any other club. So I'll be selfish here and ask that you format your newsletter to fit the NRC format.

Thank you Mark Burns (MB-1N) for your very nice letter! I really appreciated hearing about you.

### Station News

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Miles</th>
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<tbody>
<tr>
<td>620 MHz</td>
<td>WHEN NY</td>
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<tr>
<td>920 MHz</td>
<td>Wować PA</td>
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</table>
**WTMC**

DE

Wilmington - 4/21 09:00 - TAR is on with Delaware roads information and current traffic conditions.

+ 4/10 1612 - Noted with new Trafic Advisory Radio format - much better signal now than when playing classical music as WAMS.

**WKIZ**

FL

Key West - 4/10 2100 - Arnie Coro-like voice in English, with traditional Cuban songs. The announcer was "George" and made a reference to this program in English "till 9 o'clock tonight here in Key West." "WKIZ 1500 AM..." mentioned. Also "new program here in Key West, Florida; 1500 AM, 305-296-4969." So, I called the number and promptly got through to the board op and host. (we were patched into the loop.) They stated that WKIZ is on the air with Cuban programming, and at night (when I am hearing them) they are running 62.5 watts. Obviously something major has happened with their antenna pattern and/or power. (the host said they are using two towers). "George" and the board op mentioned several programs and times, which I could not copy due to the connection failure. Per my request, "George" mentioned reception by "Terry in Clearwater" at 0040 over the air. Then, he frequently mentioned WKIZ being heard in the Tampa area by "Terry" through his airshift. I wish them the best of luck! (TP-FL)

**WRKX**

MO

Sikeston - 4/10 0100 - Faded up briefly in WKBW phase null with ID and "Solid Gospel 1520" slogan into Gos music. Log says NO, so new format. Ex-KMPL for me. (JF-ON)

**WTRI**

MD

Brunswick - 4/26 - Still SS format, not Korean. (JK1-MD)

**WPTX**

MD

Lexington Park - 4/21 2000 - Good with legal ID after ABC News format, is still talk and still uses "Baytalk 1690" slogan. Will soon be NO music format here. Ex-WMDM. (JF-ON)

**DX TESTS**

1100

WBQ NY

Warwick - 4/1 0537 - Heard one weak code ID under WBT/WFHN. Heard once before (this season). (JF-ON)

1380

UNID - 4/25 2100 - radio Disney; calls sounded like WKDM-NY. Format change? (JK1-MD)

1400

UNID - Minor league baseball game; one team was the Carolina Mudcats. May be unneeded WRMT? (SK-PA)

1580

UNID - Urban Contemporary music; canned ID "1580 Jams." (SK-PA)

**LOGGINGS**

550

WGR NY

Buffalo - 4/6 1924 - "Buffalo Sabres pre-game show on WGR Buffalo AM 55;" call-in show; heard unusually well over WRCG; Good. (HF-MI)

600

WLKW KY

Paintsville - 4/15 - Female announcer with ID; first copy ever through WSIS. (RJ-NC)

620

WTRP GA

LaGrange - 4/1 2259-2304 - ESPN Sports talk show; ID in program promo on WTRP, but sounded like WTAQ. Call letter change? (DT-JWI)

650

WJLT MA

Ashland - 4/5 1917-1934 - Good; "Praise Radio;" ID with WNEB 1230 and WKXJ 1200. "J-Light" slogan; "Omega Code" and "New Covenant Christian School" ads; "Love and Life Ministries." Lost to WM. EX_WXRT; WBISO. Reported. News; new; only number six heard on 650. (JK1-MD)

680

CFTR ON

Toronto - 4/6 1937-1940 - "All News Radio, 6-80 News;" "600 News Time" TC after almost every item; item says that "loud laughter is arousing to men and threatening to women" (I hate it when that happens); "for local traffic, call 600." Fair. (HF-MI)

740

WGSN NY

Huntington - 4/26 1986 - Ad for Nassau County Medical Center; sign-off

780

WMJC MI

Rockford - 4/12 1937-1942 - "WMJF; Magic 8-16; where the music is the magic;" nostalgia; Good. (HF-MI)

800

KOA CO

Denver - 4/1 0103 - "News Radio 850 KOA;" then mention of Rockies-Cardinals game. Also heard 4/25/06 with Rockies report, local ad, "Hi Denver, this is...," phone mentioned with Area Code 303. This first time has been noted in a couple of years. (DB-DE)

860

WTEL PA

Philadelphia - 4/12 1940 - Male giving list of churches and pastors; sign-off at 1945 saying "studios and offices are located at 170..." new address. Flurry under CJBC. (SK-PA)

+ 4/18 1945 - Address is 2777 (Beaver?) Avenue, Camden, NJ. (SK-PA)

870

WPWT TN

Colonial Heights - 3/26 1829 - Strong atop jumble with sign-off announcement mentioning "Power Talk 870" and owned and operated by Information Communications Corporation. Never finished announcement (throw thrown part-way through) [The jock must have been in a hurry to get home for supper! - MS]. Ex-WFBQ for me. (JF-ON)

900

CJBR QC

Rimouski - 4/28 0120 - Good over CKTS; jazz music on CBC French network // CJBC 860. (BC-NH)

920

WMNN WV

Fairmont - 4/22 - CNN headline news // cable TV), legal ID at top of hour. (RJ-NC)

WHJJ RI

Providence - 4/29 2030 - Talk program, then many promos mentioning "Talk Radio 200, WHJJ;" mention of Dr. Carter (?) show on Saturdays at noon. Rare here. (DB-DE)

940

WADV PA

Lebanon - 4/26 2045 - Call letter ID and "Solid Gospel, music radio" jingle in CINW null. (BC-NH)

WMAC GA

Macomb - 4/20 0404 - Good with calls; GA Peanut Growers ad; Ken Habibian program and no sign of Montreal. (JK1-MD)

960

CFFX ON

Kingston - 4/28 2210 - Presumed with Toronto baseball, slogan "GTO 96." (DB-DE)

970

WZAN ME

Portland - 2/20 2100 - Sometimes excellent with Sea Dogs baseball; many local ads. In and out with WWDJ, NJ, WAMD-MD, WCHN-NY and an UNID CW&W. Must have been on day pattern, as first time heard since 1965 as WCSH! (JK1-MD)

990

WVSC PA

Somerset - 4/22 - Birthday listing; ad for HVAC on Highway 61 near Somerset. (RJ-NC)

1000

WCMX MA

Leominster - 3/30 1800 - Partial ID fading up "...AM, WCMX.," in for three minutes with USA News, then lost to WNLR which has SRN, not USA. QSL on 4/13. (SK-PA)

1110

WNWN NH

Salem - 4/27 0035 - Good; salsa music, "La N, su estacion." IP, apparently just testing as it was not heard on the following night. (BC-NH)

1130

WDFN MI

Detroit - 4/22 - Sports fan network, good signal. "Wake up with ??, weekdays from 6:00 to "On The Fan," 1130- WDFN Detroit." (RJ-NC)

1160

WKED KY

Frankfort - 4/22 - Local news (female announcer); weather for Central Kentucky; then ID "The best variety of the 60's, 70's, and 80's are on WKED." (JF-ON)

**KFAN MN**

Minneapolis - 4/21 2100 - ESPN ending; ID "More of ESPN coming up on the sports leader, KFAN Minneapolis-St. Paul." Over WBBR, then gone. It must have been their last minute of day power. For once, somebody gave the ID before cutting power! (SK-PA)

1150

CKOC ON

Hamilton - 4/21 - Oldies music; "Oldies 1500 - CKOC;" song "What you tellin' me..." not going to do to my heart." (RJ-NC)

1160

WYNJ NJ

Oakland - 4/12 2255 - Promo for listing on website if AM signal is hard to hear; NO music. First time heard here. (DB-DE)

1170

WCLN NC

1959-30 into Neil Diamond’s “Love on the Rocks”. Then a later power cut and signal gone at 2000.45. Never heard after LSS before. (SK-PA)

WMYR FL Fort Myers - 4/06/2001 – Up briefly for ID and “Eagle Country” slogan. Music sounded more NOS than C&W. Last heard in 1982; only interesting catch in auroral conditions. Cubans on the low end were strong, while some frequencies were completely dead! (JK-MD)

WKCW VA Warren Benton - 4/2/1 - Ad for Livestock Exchange; livestock price report; C&W; WKCW jingle. (RJ-NR)

WMVB NJ Millville - 4/08 1858—Thought I heard “WMVB” call letters twice. No doubts remain after WNPV gave ID a few seconds later, during pause in MRN race. Only one NJ left and it’s under a 10,000-watt local. Two questions for anyone: has anyone ever reported 1070 WMBK, and where is Slashing? (SK-PA)

WKIN PA Clearfield - 4/21 1931 — Cancelled ID under WNPR “This is the Music of Your Life on AM 1440, AM (1460) and AM 1490”. Despite being closer and stronger power wise than WNIV, this was last heard in 1994 as WCDL. (SK-PA) [Log says WestWoodOne and / to WARM 590 (“The station that reaches the beaches”) - MS]

WHLS MI Fort Huron - 4/06 2005-2123 - 70’s & 80’s lite pop mix. “WHLS” after about every 3rd tune; Poor. (HF-MD)

WKXL NH Concord - 4/19 1936 – Ad for Cincinnati Insurance during WEEI Red Sox coverage. “Newstalk for the Capital Region, WKXL AM and FM.” New. (HJH-PA)

WSNO VT Barre - 4/19 1921 - Ads for Geco insurance and Buck’s Furniture, then a return to Tom Leykis Show. Strong, briefly. (HJH-PA)

WTKO NY Ithaca - 4/27 2240 - Fair; “Oldies all day and all night, here on WTKO-Oldies” and 60’s/70’s oldies. (BC-NH)

WPNC NC Plymouth - 4/07 1945 - Sign-off at this time; mention of Windsor, North Carolina; “The best in Gospel Music”; ID: Log says C&W. (WM-MD)

WAWR NY Rensselaer - 4/27 2250 - Fair. “This is the all-new Sports Star Radio Network, AM 1350, 1480, and 1500 triple play” and “One-On-One Sports, over/under WSAR. (BC-NH)

WTOY VA Salem - 4/07 2020 - Mention of “79 degrees”; ID. (WM-MD)

WMOG GA Brunswick - “AM 1490 WMOG” popped up in jumble. (SK-PA)

WGCF NY Watkins Glen - 4/22 2907 - Canned ID “You’re listening to the Tom Leykis Show on 1490 WGCF”. Last heard as WBZD. (SK-PA)

WIKE VT Newport - 4/19 1952 - Suddenely surfaced with “...the preceding program was a service of WKE”. Then into C&W music. (HJH-PA)

KDFM MO Doniphan - 4/12 2225 - Fair, over/under WTOP with OLD (ABBA, Carpenters, Beatles) music; calls; mention of Doniphan. Log says ID/C&W New, first logging on since 1994. (MB-NB)

WWSM PA Annville-Cleona - 4/06 2039 – Synthesized-vocal weather forecast from the National Weather Service in State College, PA; ad for US Coast Guard; Lebanon County Dairy Princess with ad for Lebanon County dairy industry. Excellent PSSA groundwave; an all-groundwave night. Per QSL received 4/24, they were using 153 watts. (SK-PA)

WTRI MD Brunswick - 4/9 1945 – SS programming. Sign-off mentioned 9500 watts and as owned by Capital Broadcasting. Strong, with a strong WQKZ null. (SK-PA)

WECZ PA Punxsutawney - 4/9 1948 – NOS music fair with WﺘＴR. Slogan “Wonderful Memories, WECC”, then into Drifters “Oh Broadway”. (HJH-PA)

WTTA PA Towanda - 4/12 1908 – JRN oldies same as 1530 WMBT. Canned ID “unnecessary (unelligible) Oldies 95”. Only second time IDled. Under WSER, is closer than silent WKVQ but always smothered by then higher power output. (SK-PA)

WXLN IN New Albany - 4/10 2050-2110 “This is AM 15-70. The Word...and the best in Southern Gospel mix”. ID per NBC logs for same ID logo; mainly over WPTW. Fair. (HF-MI)

WPTW OH Piqua - 4/10 2052-2100 “The Voice of Miami County on 15-70 WPTW”; EZL oldies; came up to cover WXLN briefly; Poor. (HF-MI)

WYTI VA Rocky Mount - 4/07 2030 – Listing of local businesses; mention of Rocky Mount (ID. (WM-MD)

WSMO NC Camp Lejeune -5/1 0620 - C&W music in WPQC multi.; local political ads mentioning elections on May 7, ad for restaurant in Jacksonville; ID. (DB-DE)

WHYT MI Marine City -4/5 01950-2001 - C&W music; top of hour ID "This is the Blue Water's only station for real country. AM 15-90 Marine City & Port Huron. Right into more C&W. Fair." (HF-MI)

WJRO MO Glen Burnie -4/1 02100 - Live ID by female "It's seven o'clock at 1590 WJRO in Glen Burnie. Thanks for joining us for Evangelist Harris. Heard every Friday from 6:45 to 7:00 PM." [The purist in me notes that her ID wasn't quite legal - MS] Bubbling severely under WMN's open carrier. (SK-PA)

WJSA PA Jersey Shore -4/1 02092 - Word of the Wesleyan Hour; WJSJ forecast from Steve Holt. Only second positive ID. 99.9% of the time it cackles heavy slop from local 1590. (SK-PA)

WAQY MA E. Longmeadow -4/2/2015 - Way over usual WWRW with Rock 102 simulcast. Promo for Muscular Dystrophy benefit game George Thorogood music. (HJ-PA)

WTAW TX College Station -4/2 0800 - Blue Bell ice cream ad, CBS news; good signal. First time heard here. (RJ-NC)

+ - 4/1 2316 - Report on Big 12 basketball results. over/under WHLY, then "...20, WTAW." (DB-DE)

1620

KCJJ IA Iowa City -4/21 0055 - Good; IDs for KCJ/KCJ Iowa City and KCJ/KCJ Iowa City-Coralville-Cedar Rapids. News first local and pop music, and pop music with 1600 and AM 520 IDs. (BC-NH)

+ - 3/29 2241-2250 - Pop music ID as "AM Stereo 1630, KCJ/KCJ"; fair. (DTJ-WD)

1700 WAFN FL Miami Springs -4/20 0600 - "You're listening to WAFN, Miami Springs-Fort Lauderdale; One-on-One Sports; mention of Boston Red Sox. (WM-MD)

TIS AND MISCELLANEOUS

530 UNID VA ______ - 4/8 17145 - Herndon? New TIS. Good with parking info for Dulles International Airport on 65-second loop. At about 30 miles, must be more than 10 or 20 watts. No calls given. Believe there was a system of buried ants across the access route to the airport but this must be a different system. (JK1-MD)

1640 UNID NY Pomona -4/24 2130 - Good; emergency services and highway department announcements. "You're listening to Rockland County residents' information station 1640 AM. We aim to keep Rockland County residents informed, on an UNID station relaying NOAA weather. (BC-NH)

UNID NY Rockland Co. -4/1 2209-223.3 - Rockland County Information Radio; good at times over/under WKS, with hints on surviving winter blizzards, etc. What are calls and city on this one? (JF-ON)

+ - 4/3 2218-2342 - Steady signal under WKSH. During a fade, a quick "2585" end of phone ID. "Rockland County." (SK-PA) [OK, time to nail this one down! - MS]

+ - 4/5 2347 - Sound like "WPKN" and give wind speed in knots. May be the station I heard earlier saying they are on 162.55 MHz. (SK-PA)

OFF THE INTERNET

Beginning with this edition of DXN, Scott Eybush's reports from NorthEast Radio Watch will now be found in the DXers Notebook. As David Braun says, his column "will summarize the info on station changes, etc., from the Internet and various newsletters".

1640 UNID MA ______ - 4/12 0813 - FF (probably Haitian/Culeco). Running three or four stop sets per hour with two to three spots in each set. Selling local airtime is somewhat unusual for a pirate! Audio fair during spots but horribly live. Male announcer in AM Drive sounds like they're using a low-pass filter on him! Niel Wolfish (NW-ON) says "I've heard it once or twice in Toronto in the past before Sussex WI came on 1640. I recall it IDing as "Radio Liberté". I read somewhere that it is in Dorchester, MA and also has the calls "WPNM". Marc Defrenza (MD-MA) adds "there is a Span.

ish station on 1640 in Lawrence. There is also a Spanish station on 1640 in Worcester. Whether any of these are licensed under Part 15 or whether any or all are pirates is unknown to me." And from John Bolduc (IB-NH), "I agree, the announcer is terribly distorted. While stuck in a traffic jam on the Merrimack River adjacent to Lawrence, the 1640 signal was splashing over onto adjacent. Two more miles down the road at work (just outside of Lawrence) the signal was still strong, but no longer splashing. There are also unlicensed stations on 1620, 1660, and 1690 in Lawrence (or area)." (MS-MA)

ADDRESS UPDATES

860 WBGR MD Baltimore -305 Washington Avenue, Towson, MD 21204 (SK-PA)

1290 WWSQ MI Zeeland -5648 143rd Avenue, Holland, MI 49423. (JF-ON)

1290 WFBG PA Altoona - One Forever Drive, Holidaysburg, PA 16648 (SK-PA)

1340 WMTE MI Manistee - River Street address is not valid; PO Box is correct. (SK-PA)

1550 WWTC PA Towards - Address not valid. (SK-PA)

1550 WBCW PA Jeanette - New address and phone: 245 Brown Street, Greensburg, PA 15601; 723/573-0000 (SK-PA)

1560 WQEW NY New York City - Two Penn Plaza, 17th Floor, New York, NY 10121 (SK-PA)

REPORTERS

DB-DE Dave Braun Wyoming - R-5000; Quantum Loop.

MB-IN Mark Burns Terre Haute - Drake R-8; 80-foot CW.

BC-NH Bruce Conti Nashua - Drake RB7; WMDX-5, 100-foot wire. 100-foot East sloper.

JF-ON Jeff Falconer Clinton - Drake RB7; 45 vertical; 120 random- wire (noise reduced via 9.1 transformers); terminated 4200 antenna; modified MFJ-1026; Timeswage DSP-599ex.

HF-MI Harold Froedge Midland - Icon R71A; MFJ-956 tuner with 85/170W's. 125 single loop.

HH-PA Harry Hayes Wilkes-Barre - Trans-Oceanics; Kiwa pocket loop.


SK-PA Steve Kennedy Coal Township - GE SuperRadio III; indoor wire.

JK1-MD Joe Kurth Uniontown - Drake SW9; 95-foot NE longwire.

JK2-MD Joe Kurth Uniontown - GE SR II; RS loop.

JK*DE Joe Kurth DXing mobile on 95 with RS DX-375.

WM-MD William McGuire Cheverly - DX-398.

MS-MA Michael Shaw Beverly - Sony 2010; Ten-Tec RX-320; RS DX-392; Amerco TPA with longwires.

DTJ-WI Don Trefudo St. Anus' Bay, Jamaica West Indies - Kenwood K-2000; long wire NS-EW.

From NRC's DX Audio Service...

"After Dark 9" Now available, it includes longer articles not able to be included in normal DXA programs... including John Bowker's "1400 Travelling", "Sex and Deception", "Screening Calls", "A Visit to WODI-1230", "Radio from L. P. B." and much more. Two C-90 tapes in a cassette case, only $5.00 postpaid to members in the United States, $9.00 to non-NRC/DXAs members. Other areas, please write for pricing. Order from NRC Publications - Box 164 - Mannsville, NY 13661. NY orders, please add sales tax.

Need more information about AM DX'ing? Mail a First-Class stamp to NRC Publications - P.O. Box 164 - Mannsville, NY 13661 and ask for the NRC Publications Catalog.
I've had no time for DX'ing in the last few weeks, but there is still much to be heard. Thanks to our latest season reporters for keeping the hope alive!

**TRANS-ATLANTIC DX**

- **ALGERIA** Bechar, APR 8 0139 - Morning Prayers-AA Monotonic chant. APR 11 0033 poor - No German signal. [Connelly*+*MA]
  - APR 15 2348 - man in Arabic; fair. [Connelly*+*MA]
- **FRANCE** Allouis, APR 15 2349 - soul oldie (sounded like the 'Temptations'); poor. [Connelly*+*MA]
- **MOROCCO** Radio Med-Medi-1, Nador - APR 6 0124 - weak. [9575 strong, modern Arabic music; fast beat with AA female vocal-beautiful voice. Then American popular "Oh Baby, why?" female vocal chorus. APR 11 0034 - Modern AA music, poor. [Connelly*+*MA]
  - APR 12 0133 - Modern AA fast dance music with sexy female in AA with strings, percussion, excellent sound in pseudo stereo dual RX audio clear S+9+ signal (louder than Radio France) / 9575, loud. [Stromstedt-MA] APR 15 2347 - Arabic vocal strings, good, best longwave TA. [Connelly*+*MA]
- **ICELAND** Rikisutvarpid, Guftsukar, APR 08 0145 - Good; slow Rap music EE male vocal best TA this AM. [Stromstedt-MA]
- **MOROCCO** RTM, Azilal, APR 15 2349 - Arabic music, poor through "QI" beacon interference. [Connelly*+*MA]
- **FRANCE** TtR, Marseille, April 15 2350 - French talk; through beacons. [Connelly*+*MA]
- **SWITZERLAND** Beco, Mainzer, APR 6 0321 - Swiss Alpine music (Yodeling). good. [Stromstedt-MA]
- **ALGERIA** Les Trembles, APR 2 0044 - woman in Arabic, then jazz organ and drum music; excellent, by far the loudest TA below 7.3 kHz. [Connelly*+*MA]
- **SPAIN** RNE5 synchro, APR 2 0040 - / 855 with C&W-style vocal to good peak. [Connelly*+*MA]
- **IRELAND** RTE, Tallaght, APR 16 0015 - female vocal, maybe Celine Dion; poor. [Connelly*+*MA]
- **CAYMAN ISLAND** Spanish, APR 2 0047 - Spanish talk / 855; over presumed Algiers. [Connelly*+*MA]
- **SPAIN** RNE1, Madrid, APR 2 0048 - c'mon Spanish talk, then 1980 pop-country hit "Make a Little Magic" by the Dirt Band; fair. [855. [Connelly*+*MA]
- **MOROCCO** Sebta-Ainou, APR 2 0049 - Arabic talk by man; at low audio level on big carrier. [Connelly*+*MA]
- **CAYMAN ISLAND** Spanish, APR 2 0049 - C&W song "Make a Little Magic" / 855; fair. [Connelly*+*MA] APR 12 0132 - bits of talk; tough WZON sloop. [Connelly*+*MA]
- **SPAIN** RNE1, Badajoz et al., APR 2 0050 - / 855 with US C&W oldies; fair. [Connelly*+*MA]
- **SPAIN** RNE1, Sevilla, APR 2 0051 - / 855 and other RNE's with "Make a Little Magic" by the Dirt Band, then Spanish talk. [Connelly*+*MA]
- **UNITED KINGDOM** BBC, Ditchfield et al., APR 1 2358 - discussion about workers at a shipyard. [Connelly*+*MA]
- **MOROCCO** RTM, Sebta-Ainou, APR 12 2356 - Arabic male vocal & violins; good. [Connelly*+*MA]
- **SPAIN** RNE1 synchro, APR 1 2356 - / 738 with Spanish talk; fair to good. [Connelly*+*MA]
- **SPAIN** RNE1, Barcelona, APR 1 2355 - Spanish talk about a delegation; strong, over CHCM sloop. [Connelly*+*MA]
- **NETHERLANDS** Flevoland, APR 12 2350 - Godfather theme performed by large orchestra, then woman in Dutch; huge signal. [Connelly*+*MA]
- **GERMANY** Deutschland Radio, Braunschweig /
audio; good strength signal. [Connely*OMA]
1247 SPAIN SER synchrons, APR 1 2336 - /1575 with soft rock vocal, then woman talking on the telephone; poor. [Connely*OMA]
1256 SPAIN COPE, Valencia, APR 1 2355 - Spanish discussion; fair. [Connely*OMA]
1350 SPAIN Arganda, APR 1 2331 - rapid-fire Spanish news; to good peak. [Connely*OMA]
1355 92 GUINEA Labe, APR 1 2328 - African shouting vocal; poor. [Connely*OMA]
1366 GREECE Athens, APR 12 0253 - Good with Greek pop songs by a female singer. Was // to 1512. First time this season. [Dangerfield-PA]
1404 FRANCE sync, APR 12 0408 - Night program of soft music // to 1424 and 1557. I would bet the transmitter heard was the 20 kW one at Ajaccio, Corsica, but don't know how I could prove it unless the other 3 stations on this frequency had not yet signed on officially. [Dangerfield-PA]
1421 SPAIN RNE3 synchron, APR 1 2324 - Spanish talk; poor in CIGO slip. [Connely*OMA]
1422 GERMANY Deutscher Radio, Heusweiler, APR 1 2331 - // 756 with woman in German; to good peak over preferable Algeria. [Connely*OMA] APR 16 0009 - symphonic music; poor to fair. [Connely*OMA]
1424 MCNACO Monte Carlo, APR 12 0358 - Very strong with woman in GG, then a hymn. My original vieere card from 1958 says "Principito Monac" and has a picture of the mountains inside the background and a village below the mountains. According to a map, the Monte Carlo station is right on the border. Thus my designation. [Dangerfield-PA]
1458 SPAIN SER synchrons, APR 1 2320 - bit of music, then fast Spanish talk. // 1577; fair. [Connely*OMA]
1530 ANGOLA, E.P. de Benguela, APR 1 2318 - muffled Portuguese talk; poor with het from 1503 and some WTOP / WFIL - 1500 slip. [Connely*OMA]
1531 CRETE, GREECE Chania, APR 12 0255 - Clear and // to 1536 with pop Greek music and a fem singer. Man in Greek at 0300. [Dangerfield-PA]
1557 SAUDI ARABIA BSKSa, Daba, APR 15 2200 - hit fade-up more than an hour before sunset. [Dangerfield-PA]
1557 APR 15 0228 - Arabic male vocal, drums, strings, good. [Connely*OMA]
1557 SPAIN SER, Castellon, APR 12 0205 - Spanish news by woman, over others. [Connely*OMA] APR 12 1407 - Very strong with woman in SS and Dubai was already gone. Heard once last season. [Dangerfield-PA]
1558 APR 12 1409 - As in 1557. [Connely*OMA]
1560 VATICAN Vatican Radio, APR 1 2360 - classical music; way over WDJZ. [Connely*OMA] APR 12 0243 - Over and equal to WSAI with a big signal. Man and woman in what may have been NAJAR. [Dangerfield-PA]. APR 6 0314 - evidently Slavic language program, male announcer with young boy & girl Q & A session good signal over WSAI then under, best TA tonight // 4005 (good). [Stormaged-MN]
1568 FRANCE R. Bleue, Nice, APR 1 2315 - sentimental French male vocal and piano; good with WQEQ phased. [Connely*OMA] APR 12 1409 - Very strong with a FF fem singer and various announcements by a man and woman. [Dangerfield-PA]
1575 SPAIN SER synchrons, APR 1 2310 - Spanish teletalk, into segment of dance club instrumental. [Connely*OMA]
1583.6 CEUTA Radio OLE, APR 1 2312 - of-channel again; operatic-style Spanish vocal; only fair at first, then it got stronger [Connely*OMA]
1584 SPAIN SER synchrons, APR 1 2312 - SER Spanish news by woman, hammered by Ceuta hit // slip. [Dangerfield-PA]
1593 GERMANY Holzkirchen, APR 11 0247 - Fair man in Slavic language, not easy in WPAW splash. [Dangerfield-PA]
1602 SPAIN El, Vitoria, APR 1 2313 - slow Spanish talk by man; over SER station. [Connely*OMA]
1611 VATICAN, APR 12 0413 - Fair to good. Woman in Italian. [Dangerfield-PA]
1612 Eric speaks: "Most LW TA's very weak or missing completely for many nights, worst reception period this year due presumably to very strong solar bursts. Same story for MW TA's here but worse with almost all TA's missing but occasional exceptions (above) and some weak Spanish or MidEast sigs now and then. SW bands down to 80 meters less effected.

PAN-AMERICAN DX

530 TURKS & CAICOS R. Vision Cristiana, APR 8 0059 - Spanish folk-song style religious vocal, local-like. [Connely*OMA]
540 MEXICO XEWA, San Luis Potosi - Monterrey, APR 8 0125 - // 900 with mal-

Spanish ballot; poor, mixed with WQT/MWLX. [Connely*OMA]
555 ST. Kitts & Nevis ZIZ, Basseterre, APR 8 0134 - local events talkshow; to good peak. [Connely*OMA]
570 CUBA R. Rebelo, APR 8 0135 - Spanish news by man & woman, clock ticks; mixed with WMCA. [Connely*OMA]
570 CUBA R. Rebelo, CMKY, Urbano Nora, APR 8 0058 - outdoor Spanish speeches and march music // 620, 1180, et al. Good signal, over growl from HJ and/or YQV. [Connely*OMA]
580 CUBA R. Rebelo, Colon / Moa, APR 8 0057 - speeches and march music // 1180; over WZON and a big hit from Canaries-621. [Connely*OMA]
592 CUBA R. Progreso, Guanabacoa / Las Tunas, APR 8 0056 - local-like with Spanish female dance-club vocal // 690. APR 8 1035 - Habana news, still dominant at this late time. [Connely*OMA]
595 ANGUILA Caribbean, Beacon, The Valley, APR 2 0051 - preacher // 6090; over Latin Americans. [Connely*OMA]
595 CUBA R. Progreso, Jovellanos, APR 8 0056 - hot tropical dance music // 640; atop Anguilla. [Connely*OMA]
720 JAMAICA RJR Kingston, MAR 40202 - As with Kool and the Gang's "Celebrate Good Times", "Another", "That's why nine out of ten Don't" - jingle. Mixing with WGN. [Kennedy-PA]
730 MEXICO XEX, Mexico City, APR 8 1008 - plaintive nortena / ranchera vocal, La Equis mention, then into romantic ballad; to good peak. [Connely*OMA]
750 BRITISH VIRGIN ISLANDS ZBVI, Roadtown, Tortola, APR 8 0055 - soca music with a James Brown influenced vocal; good, well over CFDR & R. Coro. [Connely*OMA]
780 BAHAMAS ZNS5, Freeport, APR 8 0053 - local Caribbean-accented talkshow mentioning a seminar on creating wealth in the Bahamas, loud, dominant over Colombia and others. [Connely*OMA] APR 16 0704-0712 - weak with overnight Bahamas Radio Network programming of oldie EZL vocals, paralleled 1540. Nothing audible on 1240 (which I only hear from the middle Keys daytime). [Krueger-FI]
800 unID (presumed CUBA) APR 8 0100 - huge jamming / buzzing signal here; totally trashy WNYC. [Connely*OMA]
800 ST. Kitts & Nevis TBN, Bassetterre, APR 8 0100 - religious program "Around the World"; atop WCRN / R. Reloj. [Connely*OMA]
840 CUBA CMKW, Santa Clara, APR 8 0101 - festive Cuban music; excellent, one of the strongest signals on the dial during auroral conditions. APR 8 1014 - Spanish news items about Santa Clara. [Connely*OMA]
895 ST. Kitts & Nevis VON, Bath Village, APR 8 0238 - mellow soul vocal; excellent [Connely*OMA]
900 MEXICO XEW, Mexico City, APR 8 0121 - // 540 with male Spanish ballad; briefly good before fading under the Maine daytime. [Connely*OMA]
900 unID (CUBA?) APR 8 1020 - jamming-type signal, atop XEQ. I'm not sure if IQE or something else is the intended jamming target. [Connely*OMA]
900 CUBA R. Reloj, APR 8 0049 - Reloj time and news show; good, dominant. [Connely*OMA]
910 ANTIGUA R. ZDK, St. John's, APR 2 0018 - female reggae vocal, then a somewhat Caribbean style group vocal version of Cher's "Believe"; good at first, then dipping under Spain-1098 slop during fades. [Connely*OMA]
910 VENEZUELA R. Carapoyo, VYQ, Carapoyo, APR 8 0845 - high-energy Latin American disco; blasted over WBT. [Connely*OMA]
910 CUBA R. Rebelo, MAR 30 0510-0522 - Fair // 5025KHz with male and female alternating, mentions of Habana and many mentions of Cuba. Into vocal music after 0520. [Sorensen-MB] APR 8 0057 - // 620 with outdoor speech, then marching band music; excellent. [Connely*OMA]
1280 BERMUDA VBJ, Hamilton, APR 1 2337 - religious program emphasizing kindness, humility, and being a virgin before marriage; excellent signal, over WADO/WAJO/WEIM. [Connely*OMA]
1375.02 ST. PIERRE ET MIQUELON RFC, APR 12330 - male "lounge" type slow vocal and piano, excellent. [Connely*OMA] APR 15 2316 - jazz club type female vocal and guitar, good. [Connely*OMA]
1429.3 unID APR 8 0136 - weak hit against domestic, probably the same thing noted on 1429.13 in December. [Connely*OMA]
THRILL OF THE CHASE DEPT.

In light of recent editorial comments about the difference between a solid identification and one that is more speculative, here is a series of internet queries and comments about an UNIST station heard by Terry Kreuger. Good sleuthing!

1. Who was the first person to report an increase in the signal strength observed on 1500 MHz? I discovered this thing a few days ago (4/9/00 1040-1125 GMT fade; 4/10/00 0430-0510; 4/11/00 0113-0135; 4/12/00 0100-0150). It airs mostly Cuban oldies vocals and instruments (the flute variety fare), seemingly no announcements (last night I thought I had a Spanish female with brief scripted talk, but that was during fade-downs a couple of times so not positive, and all other logs have music-only). It exists across the hour/half hours with no ID’s, be they Spanish or canned English (US) inserts. Signal is often quite strong, especially an hour or so post-sunset. Signal fades around 1125, consistent time as with eastern Cuba. Initially, I was hoping this might be a rare (and first, for me) catch of Cuban Local Radio Majagualo, San Isidro, Santiago de Cuba. But such consistent logs here really make me doubt this more with each reception. Signal loops roughly NNW/SSE using the YB-400 and Radio Shack loop transmitter. Transmitter is a bit overdamped/overmoded, with a weird hum during dead air between songs (and virtually all songs are separated, not segued).

2. Regarding the WPSO FL, what possibilities are there? Semi-local WPSO, New Port Richey is ruled out, as I have heard them with Greek programming conveniently parallel much stronger WXYB on 1520 from Indian Rocks Beach mixing briefly, before the “mystery” station fades. WPSO runs sporadic English and some Spanish days, their signal is so weak I can rarely hear them daytime here, nil at night. Other times, they are parallel WXYZ. And WIKZ, Key West (which does run Spanish Union net as per my observations last summer, and by Jay Ng into last month when in the Keys — and in the past has been heard by David Crawford when in the Keys with a nonstop Cuban music format). Now, if it is WIKZ, they have never been audible here day or night here (in fact their signal last year barely made it past the southern Keys). No other listed Cuban possibilities (not Enciclopedia — and in fact not parallel to any other traced Cubans). No other entries by Jay for 1500 during his vacation, either. The only other (night) signals present are sporadic WFX (Miami/City) fade-ups and about equal sporadic WTOP [Kreuger FL]. Quite a mystery you have here. Listened to this for about 2 hrs up to 05Z last night, woke up and heard it still going at 0700, then again around dawn up to greyline fadeout around 1200th. I didn’t hear any announcements, just “lounge music” as Jay would call it... It’s often as strong as (un-nearable) WTOP here. I get a fairly clean null to the NNW/SSE on the 2010. I suspect this may be in FL based on strength, propagation, and null, but there are no entries to back up this hypothesis on the FCC roster, just usual WPSO/ WIKZ.

AUORRA DEPARTMENT

I was astonished last night to be able to see my very first aurora borealis. Here in Suffolk [UK] just at 2300 UTC the northern sky was illuminated from about 30-80 degrees above the northern horizon. I first suspected this when listening to the MW band at 2100 and then decided to take a peek outside. MW was interesting. STATIONS THAT COMPLETELY DISAPPEARED: 867 Ireland, 612 Ireland, 792 all UK locals, 810 R Scotland, 1314 NNR Norway, 1341 BBC N Ireland, 1377 Asian Sound. STATIONS THAT WERE HEARD: 1215 Virgin QRM from Spain, 1008 Netherlands QRM from Spain, 1199 UNIDENTIFIED STATIONS HEARD. I was hunting for Africa without fantastic success as virtually every Spanish station was coming in at 59 strength! 594 Morocco // 207, 1377 R F Africa at 2050 (pres) EE pop/line/reggae songs vernacular announcements, 1587 C Africa (pres) 2240 Spanish TV music program (pres) SRF Spanish TV music & talk, 1385-92 Guuine (pres) vernacular language discussion about Senegal 720 / 630 Tunisia, 711 Libya (pres) massive (59+55!!) badly distorted audio in Arabic over 2nd strong AA signal Morocco (pres), 1266 UNID (pres) to Turkey; UNID playing instrumental music sounded like a mix of Arabic styles and African drum rhythms, had phone in talk show, 350 Mid Downs Radio (south of my location) heard for first time probably because other regular LPMs from the north (eg Cavel from Oldham) had been absorbed by the aura. I searched high & low for other Africans with no luck. A few UNID hits found from channels like 691, 5915 kHz, 1540 (not at all) 5855 R of the Ken Mayak stations on 1566kHz seems to be off channel. Noted on 1562.45kHz May 7th 1742UTC. While last morning (7/5/00) no TA/DC could be heard, this morning (8/5/00) a lot of (unid) stations from South Africa popped up during local sunrise. All in the upper part of the mediumwave spectrum (below 700kHz). It showed some interestingly different ACRS on 1585.65 (pres Ceuta), 1432,1931.8 (pres SW) and 918.21 (?? maybe possibly local interference). All logged from 1746 UTC to 1820 UTC. [Steve Witt in Medium Wave Circle e-mail]

Some photographs of the stunning aurora display of April 6/7 as seen by Auroras in Scotland are available on the Auroral Astronomy Society Web Pages at http://www.keesrland.u-net.com/sas/aurorail.html. The pictures can be seen in a full screen view and include a unique view of the aurora, which was such a feature of this display, and are some of the rays as well as a wider couple of wide-angle views by myself. [Nick Martin, Scotland, UK via Phil Gethurst in amfvtvdx@hotmail.com]
DST on 26 March, instead Local Time will continue to be UTC+2 hrs all year round. (Bernd
Truma-1:LTU, Mar 26 via ARS Information Desk APR 17 e-mail) 612 Radio Baltic Waves
aired its first own programme on 20 March. It is on the air 1540-1600 and 1755-1810 UTC
(one hour earlier during summer time). There are now QSL cards available and reption
requests are welcome to rbr@centre.it or by snailmail to: RBR, P.O. Box 3245, LT-2013 Vilnius. (BT
via ARS Information Desk APR 4 e-mail)

ITALY. The Rome Roma Palombara is of the air since the afternoon of April 14 due to an order by
a Roman judge, because of electromagnetic pollution! This affects Rome 1 on 1332 and
Rome 2 /Notturno Italiano on 940. RAI is looking for solutions. [Stefano Valianti, via Med-
ium Wave Circle e-mail]

SAO TCME: 153055 AM 700 (all at 40 degrees) 0300-0430, 0600-0630 (Sat, Sun 0700) VOA English, 0430-
0600 VOA, 1600-1700, 2000-2200 (Sat, Sun 2200) VOA English, 1700-2000 VOA 0430 degrees
(1900 via OA in ARS Information Desk APR 4 e-mail)

CONTRIBUTORS (@=via e-mail)
@Mark Connelly, DXing from Duxbury Beach MA, Orleans MA, West Yarmouth MA, Drake R8A,
Quantum Loop, 30 m wire, 2M-1 active whip, BBL-1 broadband loop (using Wellbrook
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Steve Kennedy, Coal Township PA.
Morris Sorensen, Winnipeg MB, Hammerslund HQ-180, SM-2 "Space Magnet" ferrolo op.
@Eric Stromsted, Pepperell MA.

Formats

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Fairfield, CT 06430-1728

Changes in programming status; reported by listeners

Mea culpa! Al Holtz corrected my last effort in Formats in that the Catholic Network is EWTN, not
"ETWN" as I put in the past column. "ETWN stands for "Eternal Word Television Network. It is
based in Irondale, Alabama, outside Birmingham, and is presided over by Mother Angelica, a clois-
tined nun. On a trip to Florida, he checked several of the EWTN formatted stations listed in the last
column, and a couple were airing anything but EWTN feed! Bob Underwood, another radio fan
friend sent a clipping about "Radio Amor". If you hear "Radio Amor", you are listening to 3200 watt WADS
-690, Ansonia, CT, with studios in New Haven. Its format is Spanish Christian, and it is supported,
in part by donations from Spanish churches from Queens. I wonder if the signal makes it to Queens?

Locally, WGGI-1490, Greenwich, CT and W3Pi-1310, Mt. Kisco, NY have joined the formats of
the month club, dumping smooth jazz and others for standards for a couple of weeks after which they hung
on their quest for success with soft rock - or "Classic Hits" with CNN News on the hour. The two usually
simulcast the satellite-fed music but air separate four hour local news and talk blocks during AM
drive.

Jim Nahimiaka e-mailed me with the note that WYUR-1310. Dearborn ended its experiment at full
service radio aimed at a mature audience on April 30, and began simulcastting 103.3, WNJC, Dearborn.
WYUR employed many big name area announcers including ex-WJR personalities, but never got the
listeners. An effort to attract listeners by adding classical music was a bomb. 1310 in Dearborn has
gone through many format and call letter changes over the decades, but its extremely directional sig-
nal which nulls parts of Detroit, from a six tower array on l-91, is a handicap. 1310 was once the
premier rock station in the area in the 1950's but 50 kw CKLW-808 whose signal blanketed Detroit (and
over 30 states) decorated the 1310 audience.

This column comes with thanks from Mike Sanburn, Jim Nahimiaka, and M Street Journal. Yes, Mike,
while struggling with Word (mastered now), I goofed! KVCA is NOW WRN, with the Iraman format.
Here we go with the other changes!

540 WDMV MD Pocomoke City - ABC Black gospel.
570 WTBIN FL Pinellas Park - CNN Headline News.
570 KNRS UT Salt Lake City - Talk.
740 KVOR CO Colorado Springs - News and talk, here from 1300 khz.
750 WWKK MI Petoskey - WWJ Oldies.
750 KGU HI Honolulu - Talk.
800 WSSV VA Crewe - JRN Classic Country.
840 KVJY TX Pharr - Unica Spanish talk.
840 WEEZ MT Laurel - ABC Black gospel.
900 KLCY MI El Mascula - WWJ Adult Standards.
940 KFRE CA Fresno - Is all Spanish (Mike Sanburn).
960 KXW CA Apple Valley - Talk.
960 WILT PA Mt Pocono - ESPN Sports.
970 WTBF AL Troy - ABC Soft AC for 45 plus! (Middle age!)
970 WDEO MI Ypsilanti - EWTN (Catholic, see local, replaces Christian music
WWCMC, AM stereo is turned off, moved from 1290, Sa-
line, MI. Mostly // WCAR-1090 (Jim Nahimiaka).
1040 WWBA FL Pinellas Park - Talk.
1050 KMAP CA Frazier Park - Disney Childrens.
1060 WHFB MI Benton Harbor - Talk.
1060 WPRL MI Beulah - ABC Real Country.
1070 WTSO WI Madison - ESPN Sports.
1070 WFIV FL Kissimmee - Talk.
1110 WSWF NY Seneca Falls - ABC Soft AC for 45 plus!
1140 KSPN NV North Las Vegas - All oldies (Mike Sanburn).
1150 KZWE TX College Station - ex-WWAM, sports "The Zone".
1190 WHTY AL Moulten - Country music.
1190 WBSI MD Annapolis - Sports and business.
1220 KWPA CA Pomona - Spanish talk // WWKQ days and Regional Mexican from
6:00 pm to 6:00 am (Mike Sanburn).
1230 WMAF FL Madison - Back on the air with classic country.
1240 WCEM MD Cambridge - ESPN Sports.
1250 KBTC MO Houston - KRN Classic Country / KUNQ.
1260 KJAZ CA Beverly Hills - ex - KGL, now jazz (Mike Sanburn).
1270 WMLC MS Monticello - Sports / WSL.
1280 WFSB PA Berwick - 1956 to 1965 oldies. (Can't they be more specific? - TF).
1290 WPWF FL Panama City Beach - Contemporary Christian.
1300 WTLS AL Tallahassee - Soft adult contemporary.
1300 KTWK CO Colorado Springs - Adult standards, here from 740 khz.
1310 KMBS LA West Monroe - Talk.
1320 KDST CA Hemet - WWJ-1 Oldies.
1340 KFGE AZ Page - WWJ-1 Rhythmic Oldies.
1340 KSTT CA Santa Barbara - Oldies "Cool" (their slogan).
1350 KCKC CA San Bernardino - Spanish (Mike Sanburn).
1360 WNNJ NJ Newton - WWJ-1 Standards.
1370 KFRO TX Longview - ESPN Sports.
1380 CA Mc Ros - WWJ-1 AC // WWSY.
1400 WOWW TN Germantown - Disney Childrens.
1440 WMVR NJ Millville - ABC Soft AC for 45 plus.
1480 KBQQ CA Santa Maria - Regional Mexican.
1490 WBYM VA Hampton - JRN Classic Country.
1500 KWOK WA Hoquiam - One on One Sports.
1510 KIRA CA Ontario - Country music (Mike Sanburn).
1510 KMZT CA San Rafael - Classical.
1570 WSP PA Doylestown - ex-WBUX, EWTN, "Holy Spirit Radio" (Al Holtz).
1580 WAMW IN Washington - ABC Soft AC // WYER (for 45 plus?).
1590 WZUM PA Carnegie - 80's classic hits. (was religion for quite a while).
1600 WCPK VA Chesapeake - Black gospel (I verified this years ago as an easy listening
outlet - TF).
1620 WTAW TX College Station - Talk, here from 1150 khz.

This is all I have as of 5-5-2000. Get your station format changes in to your Formats column. And
a hearty thank you to all the contributors, from both the NRC and my radio friends!

75's
Tony Fitzherbert
Confirmed
Ken MacHarg     112047.3007@compuserve.com
DX'er
186 NE 109th St.    Miami, Florida, 33161-7042

Your successes in obtaining QSL's and other station items

We have a very good turnout this month, and welcome several new contributors to the column. To answer some questions, f/d means full data (they give the call letters, frequency, date, time and location of the station), p/d means partial data (they give only a few of those items) and n/d means—you guessed it—they didn’t tell you anything! So, on with this month’s good contributions.

NORTH AMERICA

Canada
Alberta, CRRB, 1140 kHz, High River. p/d SL letter and station sticker in 75 days for EE report and S1. V/S Keith Leask, Operations Manager. Address: 11-5th Avenue S.E., High River, Alberta T1V 1G2, Canada. (Griffith—CO)

Ontario, CBQ, 1500, Windsor, QSL card, “Morning Watch” refrigerator magnet and CBC Radio 1550 60th anniversary bumper sticker in 9 days. V/S Manny Pacheco, Supervising Technician & Dan Kennedy, Transmitter Technician. (Battaglino—N)

Ontario, CFRB, 1010, Toronto, f/d card, station history information, and info on ODX44 in 4 months for return postage (used). V/S Steve Canney for the Ontario DX Association. Address for reports to CFRB is Ontario DX Association, P.O. Box 161, Station A, Willowdale, ON M2N 5S8. Reports sent direct to CFRB may be ‘misslaid’ by the station (for instance, my report!) but eventually seem to make their way to the right place! (Walker-MI)

Ontario, CIWW, 1310, Ottawa, letter in 14 days on “Oldies 1310” letterhead, V/S Terry Mc Dougall, Dir. of Engineering-Rogers Media-Broadcasting. (Battaglino—N)

Ontario, CKOC, 1150, Hamilton. p/d card in 15 days for second follow-up report. V/S is Dave Berry, Engineer. (Walker-MI)

Saskatchewan, CKB, 240, Regina, letter, QSL card, two postcards and travel brochure for SK province in 66 days. V/S Dave Woss, Eng. (Pote—IN)

USA

Alabama, WAAX, 570, Gadsden, letter in 107 days after f/up. V/S Kathy Boggs, Stn. Mgr. (Pote—IN)

California, KGBS, 1220 Palo Alto, note on report in 10 days after f/up. V/S illegible. (Wilkins)

California, KRAK, 1470, Sacramento, f/d letter in 7 days. V/S Matt Greer (K6QQZ), Asst. CE. (Wilkins)

Florida, WTHR (????), (????), 8_11 f/d certificate in 7 months after f/up. V/S Merrill Isaacson, CE. (Taylor—?) [Pete, please be sure to send all of the information for your good reports. I’m glad you were finally able to shake a verification out of WTHR. WTHR is on 1600 in Winter Park. —Ken]

Florida, WTR, 1860, Winter Park, f/d “certificate” in 7 mo. V/S Chief Engineer (Myers-VA)

Florida, WTVMS, 1500, Melbourne, f/d letter in 11 days after a 3rd f/u. V/S Jon Roberts, CE (Myers-VA)

Georgia, WRNC, 1670 Warner Robins, full data letter on Taylor Broadcasting letterhead in 6 days (they actually sent me a duplicate two weeks later!), V/S Richard Hamilton, Transmitter Eng. & James Gay, Studio Eng. (Battaglino—N)

Illinois, WIRL, 1290, Peoria, letter with personal message, magnet, station profile and sticker in 5 days. V/S Hanly Ballenger, Gen. Sales Manager. (Pote—IN)

Indiana, WHLY, 1620, South Bend, QSL letter on joint WJVA/WHLY letterhead in 14 days, V/S illegible-no title listed. (Battaglino—N)

Indiana, WMYS, 1430, Indianapolis, paper QSL certificate, window sticker, magnet and business card in 17 days for follow-up report and mint stamp (not used). No v/s, but business card from Jim Hurst, Operations Manager. (Walker-MI)

Kentucky, WLOC, 1150, Horse Cave, letter with personal comments in 4 days. V/S DeWayne Forbis, Mgr. (Pote—IN)

Louisiana, WNO, 1060, Geaona, letter in 6 days. V/S D. Gayle Gibson, GM. (Pote—IN)

Michigan, WCDX, 1160, Fenton, p/d card and personal note in 10 days. V/S Ruth Hagg. [She notes in note station operates 1kw from 7am-6pm.] (Walker-MI)

Michigan, WMJI, 810, Rockford, personal, f/d, note on station letterhead in 9 days for return postage. V/S Dale Anderson (Walker-MI)

Missouri, KCMJ, 1030, Blue Springs, p/d letter, copy of station log, magnet in 11 days for f/up. V/S Linda 1. Marchi, Bus. Mgr. New address is 544 E. 99th St., Kansas City, MO 64131. (Wilkins)

Nebraska, KOMJ, 590, Omaha, p/d letter in 10 days for f/up. V/S Mike Hogan, Station Mgr. (Wilkins)

New York, WFAN, 660 New York City, f/d card in 11 days for return postage (not used). No v/s. (Walker-MI)

New York, WFLC, 870, Utica, f/d form letter in 10 days for mint stamp (used). V/S Jason M. Gordenitzer, Chief Engineer. (also may be v/s for co-owned WTKO-AM-1470). (Walker-MI)

Ohio, WHIZ, 1240, Zanesville, e-mail reply after an e-mail f/u. (Maisys-VA)

Ohio, WIMA, 1350, Lima, letter and QSL card in 7 days. V/S Mark D. Gierhart, CE. (Pote—IN)

Ohio, WKBX, 570, Youngstown, NOTE: New address of 721 Boardman Poland Road, Suite 103, Youngstown, OH 44512. (Walker-MI)

Ohio, WMNQ, 1490, Marion, e-mail reply after an e-mail f/u. V/S Greg Salvodi, DOE (Myers-VA)

Ohio, WTVN, 610, Columbus, e-mail reply after an e-mail f/u. V/S Greg Salvodi, DOE (Myers-VA)

South Carolina, WBAJ, 890, Blytheville, n/d letter, business card, and religious booklet in 2 weeks for return postage (not used). No v/s. (Walker-MI)

South Dakota, KRVO, 1140, Sioux Falls, letter, magnet and stickers in 4 days. V/S Randy McDaniell, PD. (Pote—IN)

Texas, KRIV, 560, Beaumont, stickers, profile and coverage map in 149 days after 2 f/ups. (Pote—IN)

Texas, KMKJ, 620, plano, f/d folded Radio Disney card w/handwritten “You heard us!” confirmation, pencils, stickers, and promo card w/photos of Radio Disney DJs in 15 days for EE report and S1. All items marked “Radio Disney. AM 620”, no cell letters. V/S Tish Thompson, Creative Coordinator. Address: 22211 E. Lamar Blvd., Suite 400, Arlington, TX 76010. (Griffith—CO)

Texas, KQQA, 1530, Creedmore. F/d letter in 26 days for f/up. V/S Bud McGregor, Pres. New address is 1707 N. Mays, Austin, TX 78764. (Wilkins)

Virginia, WKNV, 890, Blacksburg, QSL card in just under two months. V/S Edward A. Baker. (McGuire—MD)

West Virginia, WELC, 1150, Welch, f/d certificate for DX test. V/S John Sidote. (Myers-VA)

West Virginia, WWVA, 1170, Wheeling, f/d letter and "Jamboree" brochure in 2 weeks for second follow up report for return postage (not used). V/S Steve Harcharik, Night Operator (per tip in DX News...thanks John Malicki!). (Walker-MI)

Wisconsin, WMEQ, 880, Menomonee, f/d confirmation written on original report in 8 days for mint stamp (used). V/S Linda Kuester, Business Manager. (Walker-MI)

Other Good Stuff

Bahamas, ZNS-1, 1540, Nassau, letter, bumper sticker and business card in seven months for reception of almost 27 YEARS ago. 9/10/73. I found the cassette that had a clear jingle ID (from the days when WPTR and KXEL signed off every Monday morning), dubbed it, and sent a complete report and explanation for the “delay.” V/S Mr. Anthony Foster, Senior Deputy General Manager. [Wow, what do I say?! Congratulations, and great follow-up work. —Ken] (Galerstein—New Jersey)


It may not be perfect ...
but the NRC AM Log is, simply, the best there is because of your contributions. Why not make the next edition even better? Send all corrections and changes to Wayne Hickey - 4131 S. Andes Way - Aurora, CO 80013-3581, or nrclog@aol.com. Thanks!

AM Station Location Maps
5th edition - $12.00 to members ($17.95 non-members), postpaid. Compiled by Bill Hale, this must-have companion to the AM Radio Log and Nighttime Pattern Book shows the location of all U.S. and Canadian broadcast stations (except 155/LPRTI) as well as latitude/longitude coordinates, plus instructions on using Dave Sundius enabling users to calculate distance and bearing to any station. This book is three-hole punched for a letter-size ring binder. Order from NRC Publications - Box 164 - Mamsville, NY 13661. NY orders, please add sales tax.
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Denver Nuggets 1999/2000 Jerry Schemmel
590 KCJ-S-GA 960 KKB-NB 1310 KFA-CO 103.1 KYCT-WY t
600 KIIX-CO 1010 KSR-CO 1450 KBS-S 103.7 KXBT-NB
740 KTW-CO 1060 KLMO-CO 1490 KQAM-S 106.1 KNFO-CO
930 KROE-WY 1200 KOWB-WY 1340 KRAE-WY 107.9 KBBK-CO
950 KKFN-CO * 1350 KBBK-CO 1350 KBBK-CO

590 WJMS-MI w 950 WWJ-MI * 1380 WPYH-MI 1400 WHFT-MI
680 WTDA-MI 1110 WJML-MI 1300 WFLB-MI 1470 WQSN-MI
930 WABI-MI 1330 WTRX-MI 1500 WTRX-MI

Golden State Warriors 1999/2000 Tim Royle
680 KNBR-CA * 1490 KRKC-CA s

Houston Rockets 1999/2000 Cene Pederson, Jim Foley, Jeff Hodgorn
880 KJLG-TX 1220 KMLV-TX 1340 KAMG-TX 1550 KWBC-TX
950 KPRC-TX * 1230 KSLX-TX 1350 KBA-TX 1590 KQAS-TX
990 KZZB-TX 1280 KWHH-TX 1390 KULI-TX 1600 KOGT-TX
1130 WTAW-TX 1300 WIBR-LA 1500 KANI-TX

Houston Rockets (SS) 1999/2000 Adrian Cavarria
920 KYST-TX *

Indiana Pacers 1999/2000 Mark Boyle, Bob "Slick" Leonard, Kevin Lee (from Media Guide via Blaine Thompson [e-mail])
860 WGMG-IN 1340 WBIW-IN 1550 WMDH-IN 100.1 WFLQ-IN
930 WHOM-IN C 1350 WGN-IN 1350 WIOU-IN 103.8 WJW-IN C
1070 WIBC-IN D 1350 WIOU-IN 107.2 WZBD-IN s 103.9 WJBN-IN
1230 WSWL-IN 1370 WQGL-IN 1370 WRGB-IN 104.3 WRGB-IN
1250 WGL-IN D 1410 WAZY-IN D 1410 WJRY-IN D 104.9 WYWW-IN
1280 WGBF-IN C 1440 WPGW-IN 1440 WRLX-IN B 105.6 WBLS-IN
1330 WTHI-IN 1480 WRSW-IN C 1480 WJCH-IN C 107.1 WSWY-IN *
1350 WTRG-IN 1550 WCVL-IN 1550 WORX-IN C 107.7 WJRS-IN

Los Angeles Clippers 1999/2000 Ralph Lawlor, Michael Smith
610 KAVL-CA 1150 KXTA-CA * 1340 KXTA-CA z 1350 KCC-CA z
850 KBET-CA

Los Angeles Lakers 1999/2000 Chick Hearn, Stu Lantz
1230 KCO-CA 1350 KBBD-CA 1400 KKI-CA 1490 KMET-CA
1230 KTFH-CA 1350 KCC-CA z 1430 KFAG-CA 1510 KMSL-CA
1240 KNSM-CA 1380 KLLJ-CA s 1460 KENO-CA 1520 KVTA-CA
1340 KXTA-CA z

Los Angeles Lakers (SS) 1999/2000 ++
1330 KWKK-CA

Miami Heat (ED) 1999/2000 Mike Ingris, Ed Pinckney
610 WIOD-FL * 1300 WFG-FL 1320 WAMR-FL y

Miami Heat (SS) 1999/2000 ++
830 WACC-FL *

Milwaukee Bucks 1999/2000 Ted Thompson
550 WSAU-WI 1090 WISS-WI 1380 WBEL-WI 92.3 WJQ-MO
590 WJMS-WI w 1150 WHBY-WI 1400 WATT-WI 92.3 WJQ-MO
620 WTMJ-WI * 1230 WCLO-WI 1270 WBIZ-WI 92.7 WJQ-MO
710 WDSM-WI 1240 WOFT-WI 1340 WRDI-WI 94.3 WPRI-WI
960 WTCR-WI 1400 WJOM-WI 1440 WEL-WI 99.7 WJST-WI
980 WNBI-WI 1260 WKEK-WI 1450 KFIZ-WI 102.3 WISS-WI
990 WPRE-WI 1270 WTRC-WI 1500 WLUB-WI 101.5 WJGS-WI
1010 WSST-WI 1330 WBHI-WI 1570 WBKB-WI 106.3 WVBR-WI
1070 WTSO-WI 1350 WFPD-WI 1590 WPV-WI
Minnesota Timberwolves 1999/2000 Chad Hartman, Jim Peterson
610 KDAL-MN KTRF-MN 1340 KDLM-MM s 92.1 KRU-E-MN
650 WQMT-MN KWWO-MN 1560 KWMN-MM 93.5 KCR-R-MN
790 KFGO-ND KWSN-SD 1350 WCMP MN 94.1 WFM-L-MN
860 KNUJ-ND 1240 WJON-MN 1400 KMHL-MN 94.3 KMSR-MN
920 KDHL-MN KDLR-ND 1400 KTOE-MN 100.3 KSTQ-MN
950 KSWT-SD 1250 KCUE-MN 1450 KATE-MN 100.1 KOIV-MN
970 KXLY-FM 1260 KQXT-MN 1450 KBLN-MN 104.1 KJOM-MN
1130 KEAN-MN 1270 KEWB-MN 1560 KIRB-MN
1150 KASM-MN WWWI-SD 1570 KOSZ-SD 107.1 KMSG-MN
New Jersey Nets 1999/2000 Bob Papa, Albert King
710 WOR-NY 1130 WBRR-NY
New Jersey Nets (SS) 1999/2000 ++
1280 WADO-NY
660 WFAN-NY 1010 WEDV-NY
1280 WADO-NY
Orlando Magic 1999/2000 Dennis Neumann, Jeff Turner
580 WDBO-FL "WWSO-FL" 1360 WHN-FL 1530 WENG-FL
920 WMEL-FL 1250 WQHL-FL 1380 WELE-FL 1590 WPSL-FL
960 WQRC-FL 1280 WPIC-FL 1400 WZHR-FL
970 WVQG-FL 1320 WAMR-FL y 1410 WBJQ-FL 95.3 WVCV-FL
1040 WWBA-FL 1350 WDFC-FL 1430 WWLO-FL 101.1 WWYO-FL
1230 WMAF-FL
Orlando Magic (SS) 1999/2000 ++
1250 WOTF-FL s 1400 WTRR-FL s 1440 WPRD-FL
Philadelphia 76ers 1999/2000 Tom McGinnis
590 WARM-PA 1290 WJHR-DE 1390 WLAN-PA
610 WIP-PA 1320 WTKZ-PA 1490 WGYS-MN 94.3 WGCZ-TJ
1270 WLRB-PA 1350 WOYK-PA 1600 WPDC-PA
Phoenix Suns (EE) 1999/2000 Al McOy, Keith Erickson
560 KBLU-AZ 1180 KYET-AZ 1340 KIKO-AZ
620 KTAR-AZ 1230 KAAA-AZ 1420 KM Hog-AZ 92.1 KZUA-AZ
980 KBBC-AZ KATO-AZ 106.7 KLMV-AZ
1150 KDEF-NM 1270 KDJJ-AZ 1490 KFFN-AZ 107.7 KVRD-AZ
Phoenix Suns (SS) 1999/2000 Fred Morales
1480 KPHX-AZ H
Phoenix Suns (NN) 1999/2000 ++
660 KTNN-AZ
Portland Trail Blazers 1999/2000 Mike Rice, Brian Wheeler
880 KTIM-OR 1340 KKH-OR 1450 KIOV-ID A 92.9 KAST-OR
1110 KBND-OR 1360 KHOU-OR 1480 KFLS-OR 95.1 KJJK-OR
1130 KPNW-OR 1400 KQBC-OR 1490 KKBW-OR 99.5 KRRZ-OR
1190 KEX-OR 1140 KIDY-OR 1460 KCXK-OR 99.9 KJJO-OR
1230 KZDR-OR 1430 KYNW-OR 1490 KLOG-OR 103.1 KRSB-OR
1310 KNIT-OR 1440 KDOR-OR 1580 KGAL-OR 104.1 KTLR-OR
Sacramento Kings 1999/2000 Gary Garould
950 KAIH-CA 1400 KSHP-NV 1450 KMC-CA 1590 KHTT-CA
1140 KHTK-CA 1410 KMYC-CA 1490 KBLF-CA
Sacramento Kings (SS) 1999/2000 ++
99.9 KRCX-CA *
San Antonio Spurs (EE) 1999/2000 Jay Howard
1150 KCC-CA 1230 KTJK-CA 1450 KCWM-CA 1490 KLNT-CA
San Antonio Spurs (SS) 1999/2000 Paul Castro
1350 KGOR-CA *
Seattle Supersonics 1999/2000 Kevin Calabro
550 KTTN-CA 850 KHH-OA 1240 KXLE-CA 1470 KEKA-CA
580 KSS-AK 870 KFLD-CA 1280 KHIT-CA 1490 KVAC-CA
660 KAPS-CA 950 KJAR-CA 1420 KUJ-CA
790 KGLI-CA 1030 KMAS-CA 1450 KIOV-ID A 92.3 KULE-CA
KJBD-CA 1240 KGY-CA 1450 KOPN-CA 99.5 KQAA-CA
Toronto Raptors 1999/2000 Chuck Swirsky, Jack Armstrong
590 CJCL-CN *b
Utah Jazz 1999/2000 Kool Handley, Ron Boone
(No list is available)
Vancouver Grizzlies 1999/2000 Don Poirer, Jay Triano
550 CKPG-BC 730 CKLG-BC 1230 CQNL-BC ___ CHET-BC r
610 CHNL-BC 980 CKNW-BC 1240 CKMK-BC 1340 CQNL-BC ___ CHNL-BC q
Washington Wizards 1999/2000 Dave Johnson
980 WTEM-DC * 1500 WTOP-DC s
* Flagship station
++ I do not know the names of the announcers.
a Ken Onyschuk's list has the Pacers' flagship 1070 WIBC-IN; the Media Guide has 107.1 WSYW-IN.
b The web page has "CFAN Toronto; CFAN in 590-IN.
c The web page has "WQSS AM Camden, MD.
d The web page has "WDME AM Dover, DE.
e The web page has "WJAB AM Portland, ME, but WJAB is 90.9 Huntsville, AL.
f The web page has typo WRGR.
jj The web page has "WPAL AM Charlotte, SC.
k The web page has typo WYGM.
l The web page has "WPXX FM Danville, VA is in Semora, NC.
m The web page has "WGEN FM Genesee, IL, but WGEN is AM only.
q The web page has "CHNL FM Shuswap, BC.
r The web page has "CHEAT AM Cheyhtwyd, BC.
s Selected games only
1 The web page has "KYDT AM Sundance, WY; the station is really FM.
w This station broadcasts both the Milwaukee Bucks and the Detroit Pistons.
x This station broadcasts both the New York Knicks and the New Jersey Nets.
y This station broadcasts both the Miami Heat and the Orlando Magic.
z This station broadcasts both the Los Angeles Clippers and the Los Angeles Lakers.
A This station broadcasts both the Seattle Supersonics and the Portland Trailblazers.
B This station broadcasts both the Chicago Bulls and the Indiana Pacers.
C This station appears on the baursum web page but not in the Pacers’ Media Guide.
D This station appears in the Pacers’ Media Guide but not on the baursum web page.
NN Navahro
Albany Firebirds 590 WROW-AY
Arizona Rattlers 860 KMYC-AY
Buffalo Destroyers 930 WBEN-AY
Carolina Cobras TBA
Detroit Fury No Info Available
Florida Bobcats 940 WBBL-MI
Grand Rapids Rampage 1340 KPRC-TX
Houston Thunder Bears 950 KSEV-TX
Iowa Barnstormers 840 WHO-IA
Los Angeles Avengers TBA
Milwaukee Mustangs 1290 WMCS-WI
Nashville Knights 810 WMGC-TN
New England Sea Wolves 1360 WDCR-CT
New Jersey Red Dogs 1250 WMTR-NJ
Oklahoma Wranglers TBA
Orlando Predators 540 WQTM-FL
San Jose Saber Cats 1050 KTCT-CA
Toronto Bay Storm 1250 WDAE-FL

Here is some more Major League Baseball information. Some information came from Kent Plourde. The network lists come from a web site that has many sports-related network lists; I will refer to the web site as the "baursam site. The URL is below. The site's webmaster told me that the lists come from web sites or the teams' Public Relations Departments. The site is mainly oriented towards stations that broadcast real audio over the Internet. Here are a few typo corrections from a previous column:

White Sox 1390 KCLM-IA -> KCLN
Padres (SS) KURS-CA, (not -BC)

Here are updated announcers' names from "Baseball America Almanac via Ken Onsukh:
Arizona Diamondbacks: Greg Schulte, Rod Allen (Tom Brennan does TV only.)
Arizona Diamondbacks (SS): Miguel Quintana, Oscar Soria
Baltimore Orioles: Jim Hunter, Fred Manfra
Cincinnati Reds: Marty Brennaman, Joe Nuxhall
Houston Astros: Milo Hamilton, Alan Ashby or Bill Brown
New York Yankees: John Sterling, Michael Kay
Tampa Bay Devil Rays: Paul Olden, Charley Steowes

These stations appear in the Chicago White Sox list from Ken Onsukh but not in the White Sox Pocket Guide.

680 WGOE-IN
1370 WWA-IL
1470 WKLZ-MI
1600 KRCG-IA

Here are the rest of the MLB network lists (with the exception of the Montreal Expos, whose FF and EF flags are not yet set! I have some Minor League Baseball information from Ken Onsukh, but I have not had time to finish the data entry.

Arizona Diamondbacks 2000 Greg Schulte, Rod Allen
<http://members.home.net/baursam/MLNWEST.html>

600 KVNA-AZ 980 KNTR-AZ 1180 KYET-AZ 1420 KTAN-AZ
KROD-TX 990 KSVT-PM 1230 KAAA-AZ 1490 KFFN-AZ
620 KTSR-AZ 1030 KMLU-AZ 1130 KJTO-AZ 92.1 KZUA-AZ
780 KAZM-AZ 1130 KQNA-AZ 1340 KJKO-AZ 105.1 WPFL-FL
950 KNFT-NM 1140 KSFN-NM 1400 KJKM-AZ 106.7 KPPV-AZ

Arizona Diamondbacks (SS) 2000 +
<http://members.home.net/baursam/MLNWEST.html (04/25/2000)>

750 KAM-AZ 1270 XENY-SO 1490 KPFX-AZ 1540 XEHOS-SO y

Baltimore Orioles 2000 Jim Hunter, Fred Manfra, Chuck Thompson (99)
<http://members.home.net/baursam/ALEast.html (04/25/2000)>
880 WCHA-PA 1090 WBAL-MD 1420 WARK-MD 1500 WTOP-DC
910 WSBA-PA 1260 WNRR-DE 1450 WTDO-MD
930 WFMF-MD 1280 WSAB-NC 1450 WBTQ-MD
960 WTMG-MD 1470 WTWG-MD
970 WAMD-MD 1340 WEMP-MD

Florida Marlins 2000 Ken Angel, Dave O'Brien
<http://members.home.net/baursam/MNLAST.html (04/25/2000)>

560 WQAM-FL 1040 WBGZ-FL 1330 WBNX-FL
740 WJINZ-FL 1140 WJNO-FL 1310 WWHL-FL 93.5 WBGZ-FM 106.9 WYOC-FL
920 WMFL-FL 1280 WEHE-FL

New York Mets 2000 Gary Cohen, Ed Coleman, Bob Murphy
<http://members.home.net/baursam/NLWEST.html (04/24/2000)>

660 WFAN-NY * 66490 WCDO-NY 1590 WPSI-FL 104.9 WIZR-NY

Oakland Athletics 2000 Bill King, Ray Fosse
<http://oaklandathletics.com (04/18/2000)>

580 KCMX-OR 990 KATT-CA 1350 KBID-CA 1450 KVMC-CA
620 KMJC-CA 1140 KHTK-CA 1410 KMBC-CA 1460 KTXA-CA
760 KGJ-FL 1230 KCIB-FL 1430 KFCC-CA 1490 KRRC-C
960 KGKX-OR 1300 KEMO-CA 1440 KVNO-CA 1560 KSCX-CA 1580 KSCI-CA
980 KANS-CA 1340 KTSN-CA 1450 KMCA-CA

San Diego Padres (SS) 2000 Eduardo Ortega, Rene Morea (99)

940 KEWV-BC 1040 KURS-CA 1050 XEBE-BC
1010 XEDX-BC

Tampa Bay Devil Rays 2000 +
<http://members.home.net/baursam/ALEast.html (04/25/2000)>

730 WHTK-FL 1230 WOHN-FL 1320 WGR-FL 1450 WSPB-FL
900 WMP-FL 1270 WNLS-FL 1350 WDCF-FL 1470 WWBJ-FL
970 WFLA-FL 1280 WIP-FL 1400 WJBR-FL 1530 WENG-FL
990 WHOI-FL 1320 WMAR-FL 1410 WQBF-FL

Blue Jays 2000 + (from Pocket Guide via Mike Brooker)

560 CFOS-ON 920 CICN-NS 1210 CFYM-SC r 1400 WKNM-W
570 CKG-ON 960 CFCW-ON c 1240 CJCS-ON 1480 CFPS-ON r
580 CKY-MB 980 KRUZ-CA 1270 CJTN-ON 1570 CKMW-MB
610 CKTB-ON 1050 CHUM-ON * 1280 CJSS-FL
650 CKOM-SK 1070 CHOK-ON 1290 CJBB-SC 94.1 CKRN-ON
710 CJRN-ON 1190 CPSJ-FL 1300 CJME-SC 1500 CIMG-SC
900 CHML-ON 1200 CBIZ-ON b 1330 CJYM-SC 96.7 CHYR-ON
* Flagship station
+ I do not know the names of the announcers.
not know what 96.7 station carries the games.
Team.
Show's list has no call, only "GTO 960.
Station(s)
Selected games.
Station broadcasts both the San Francisco Giants and the Oakland Athletics.
Station broadcasts the San Francisco Giants, the Los Angeles Dodgers, and the Oakland Athletics.
The Mets' list has "104.9 WIZR Johnstown, NY. But WIZR is at 930. I see no FM station in Johnstown, NY.
As the SS flagship of the Arizona Diamondbacks broadcasts only home games, I assume that the other SS stations also broadcast only home games.
This station broadcasts both the Florida Marlins and the New York Yankees.
Home games
Spanish

31
Welcome back to DX’er’s Notebook. We’ve got information this time on a subject that I had saved some earlier discussion on, and now it’s back! But first, I’d like to share some correspondence from a long-time NRC member. In addition to Roger’s letters, I would also like to acknowledge the recent letter from Madison Brumbaugh. Roger’s letter came about as a result of recent discussions on loops, and my owning a Quantum Loop.

Roger Anderson, Arlington, VA: I’ve been DX’ing since 1938 in PA, NY, MD, NJ, etc., as well as VA. Back in the 1980’s I owned my own loop, that being a Sanserinco which I had little luck with. Here in Arlington I have DX’d from two houses and an apartment building (longwave in and out) with nothing more than 50-70 wires, one terminated with grounding which reversed direction of best reception. In the 1940-’70’s in such minimal conditions I verified 105 countries in all continents. Those were amazing days when my competitor here, Hank Holbrook of Chevy Chase, MD. Can you imagine verifying 25 Australians and 15 New Zealanders today? I have three Aussies of 500 watts and one Moroccan with 100 watts. Conditions, atmospheric and density of 24 hour jobs killed it for me. Today I enjoy daytime DX from here, Dover, Cape May, Chincoteague, VA, Hatteras, NC and Deep Creek, MD. In Hatteras and Chincoteague and Bahamas make it midway. One of my main interests in the hobby as a 40 year veteran of weather reporting is listening in Fall and Winter to 25 major cities for weather reports and conditions – interesting.

[Second note - db] In the 1950’s and early 1960’s Hank Holbrook [and I] were in close contact and competition for foreign DX. They were good times. Today is a one on a scale of ten those days. I have verics from 105 countries and six continents. The years 1952 and 1953 were remarkable for TA’s. Then 1953 and 1954 were unbelievable for TA’s. They produced for Asia, four countries and five verics. Europe 36 countries and 15 verics, Africa six countries and 28 verics, and North America 12 countries and 28 verics.

Some vivid experiences were verifying four Australian stations with 500 watts in March, 1954. Sunday mornings prior to breakfast in beginning daylight were best reception – seems crazy. I can remember 5:40 AM on March 28, 1954 listening to SMG, 1460 KHz, 500 watts, in So. Australia. No interference and few all-nighters. A memorable day in the mailbox was June 8, 1954 when four with QSL cards arrived in not much DX since the 1960’s because of all-nighters, splash, etc.

And we’ll continue the themes of Roger’s letters in the rest of this column – foreign DX, and QSL’s. Some of this discussion on TA’s may seem a little time-sensitive (these messages were posted between August 15 and 27). They are unedited, unverified and with some opinion.

Ben Dangerfield  <BenDangerfield@email.msn.com>: Russ, you asked me what I consider the most reliable TA. There isn’t just one, but you should try any of the following before the summer doldrums set in. Spain-649 and 855, Croatia-1134, Saudi Arabia-1512, and perhaps even VOA-Kuwait-1548. Also go for Spain-104, UK-1089, Slovakia-1089, and Libya-1251. And the high ends seem to be hot these days. If you get LW, France-162 and Germany-183 are sometimes good. You’re not much further from the Delaware River and the Atlantic Ocean than I am and you are out in the suburbs so should be getting what I am getting with my RYA and 475 foot wires with phaser.

Russ Edmunds  <vb2bj@yahoo.com>: Good-sounding targets, but I don’t have anything which would work well. Though it is rather a problem when looking for TA’s. Do yours occur at night as well as day? You should be able to pick up Spain-649 in your basement with your loop. But try soon before summer conditions arrive.

Ben Dangerfield: If some of you out there would really like to hear some long distance reception, the east coast is a part of the band, especially 1920’s and 1930’s. Last night (4/11 - db), between 2245 and 0015 EDT the joint was jumping! The Vatican on 1530 was again fighting its way out with WSAI. Hasn’t anyone noticed something beyond the east coast?

We’ll continue the regular coverage on conditions, new DX activities, new equipment reviews, and new QSL experiences in the coming weeks. Keep those QSL’s coming and share as much as you can.

Randy Stewart  <jcs559@mail.smus.edu>: Ben, the problem with this is that, now that we’re on 1ST, we’re not even seeing sunset here in southern Missouri until about 7:00PM CST (0000 UTC) ... even in mid-December I’ve NEVER heard a single TA carrier anytime. They just don’t seem to “propagate this far west ’til well after dark. However, I’ll try and give it a shot this evening after work.

John Callahan <jcallahan@registernews.com>: Randy Stewart’s observation about sunset TA DX in the interior part of the country spurred me to try to remember what I could hear at sunset in the Pacific Northwest. I recall that TA’s were so strong in ’53 when my loops were so strong, and when we lived in Dakar, Senegal on 764. Everything else was around our midnight/European sunrise time frame. Virtually the only European all-nighter on the west coast was on 945 and it was a bit surprising that I could not bring them up earlier than nearhana sunrise. My antenna system was not state-of-the-art, though. I’ve mentioned before that what I was using was makeshift… half a twin lead from a TV antenna to one antenna terminal on my HQ-60… and the other terminal connected to a wire strung under the eaves of our house. It wasn’t a particularly good antenna system. From 2000 or so miles west of Springer, MO, the number of TA’s show up in the totals listings that run in DX news from time to time. I heard 66 countries and verified 50 from the Funhandle. If my tape have not deteriorated (I haven’t tried to listen in recent years) I’ve still have the tapes from most that time frame. Today, I’m hampered because, aside from the Superadio is the only unit I have that’s not limited to untunable 10 kHz increments.

Randy Stewart: Good points—these days most of the big European stations run all night, so my own reception of TA’s has been mostly in the 0100 to 0400 UTC time frame (i.e. before midnight Central Time). But John pretty much confirms what I was saying—and what I recall Mark Connolly saying in his article Your First 50 Transatlantic Countries (And Then Some) which I hereby copy out for your perusal: “As most TA DX is reported by those living in the northeastern USA and eastern Canada, the reception notes have been formulated with this area in mind. Midwestern, Southern, and Pacific Northwestern DXers can also hear the TA’s during prime conditions. Many of the reception notes may be of use to DXers specials generally. but differences do exist, especially for those DXing information “not applicable to those farther west” (emphasis mine). You can read the whole article (highly recommended) at http://www.nrcdxas.org/articles/1st50.html.

Ben Dangerfield: Randy, what I’m hearing from over there is late in the evening, which would be after my band should be setup up.

Randy Stewart: Yep, definitely should be open by then! Your earlier posting sounded more like sunset receptions of the kind Mark Connolly is usually talking about out on Cape Cod...

Russ Edmunds: Another reason why this may be is that at local sunset, the auroral absorption is located in the mid-North Atlantic, right smack in the middle of the signal path from Europe, etc. to anything on our side. By 2200 EDT, its location has moved to a point where it is over extreme Northern Canada, which opens up a lot of the lower-latitudes path. In this era of most European’s on 24 hours, it might even be possible to hear some more northern stations as it nears sunrise GMT...

Robert Foxworth <rtxwor1@stampabay.rr.com>: This is a repeat of the good CX which occurred 28 days ago (Satellite Reception). So this time the prediction worked, as it sometimes does.

Randy Stewart: I should really take the time to READ these bloody messages before unhinkingly replying to them! I went back and re-read Ben’s original posting, and he quite CLEARLY states the times as **EDT**, **NOT UTC**... I just automatically assumed GMT/UTC because he was talking about “international” loggins! Jeez… anyway, the recommendation to read Connolly’s superb article still holds, but I’d like to hear what else I said does, huh?

Russ Edmunds: Don’t sweat it - we all do it! And, FWIW, no hets observed anywhere on the band between 2030 and 2100 EDT this evening - not that I expected any at that time, anyway. It’s a 50-50 proposition as to whether I’ll still be awake at 2300! As I mentioned to Ben earlier, I don’t see that hour very often, so I can’t be too sure. Last report was c 0530 - 0600. This is not to say there weren’t hets earlier - but I missed "em...IC..."

Randy Stewart: I did a quick bandcheck around 0300 UTC (10pm CDT) last night and the only thing I found was a FAINT 1K Hz het, presumably from the Saudi, on KOMA-1520. No other 9-KHz TA carriers or hets noted at either end of the band (or in the middle for that matter). I’d be interested in knowing how well, if at all, TA’s were propagating to the east coast around the same time. Randy Stewart was a check, as I wasn’t up that late. Many thanks and happy DXing.
couldn't have made it very far. Quite a contrast to most of the previous nights. I hear this is the trend, but don't give up! The fun in DXing is being surprised when something unusual shows up.

Randy Stewart: That's a great 104-, as the CBers used to say... the night the Saudi on 1521 really WAS blowing away KOMA back in January '95 was a REAL surprise to say the least... but that was the first DX season I was using anything but a Realistic TRF for mediumwave DX (i.e. something with narrow bandwidths and SSB capability), so I wasn't prepared for how huge a TA signal could really be. I used to be afraid of the current rig (a Yaesu FT-1000) that the amount of work on heterodynes the 9-KHz plan stations can generate against 10-KHz multiple-duplicates REALLY sunk in with any real understanding on my part. I'd been DX'ing the BCB since I was in junior high (1970) - that's "middle school" for you youngins, hi - and never REALLY figured out that, for instance, a 1000 cps CW signal on someone on the East Coast (9-KHz) on the 9-KHz band probably NOT someone running an equipment test at 8pm Central Time (), but most likely the Algarin on 891. My only real experience with off-frequency hots that actually produced readable audio were the Latino & Caribbean stations on 5 KHz multiples (or Belize on 834... it just didn't add up for me. I finally learned, by using a receiver with precise digital readout on the BCB, to distinguish between a radio station-produced hot and all the OTHER garbage (internal images, TV and computer-monitor sweep hots, etc.).

Ben Dangl: Looking for 9 k hots is certainly the way to tune for TA's. When I lived in Pittsburgh, PA before WWII I could never catch a TA because I did not comprehend this. I didn't get it until I came home from WWII (then to near suburban Philly). I was tuned in around 880 kc while WABC (now WCBS) was about to sign off, and heard a "whistle" just below WABC left the air and BBC London-877 came bursting in! But beware of computer signals! They can be anywhere. Ours and our next door neighbors are quite annoying, and what's worse, seem to move around as the computers warm up.

Doug Smith -cw90@bellouth.net-: I listen with a ham rig with digital tuning (to 10Hz steps) and a BFO. I can zero-beat the carrier, making it possible to know within about 100-150Hz what frequency the carrier is actually on. If I hear something on 894kHz, I can usually assume it's a birdie as that's not a valid European channel and there's been no publicity for any off-frequency stations there. (I think I can even tell if it's a shorebird or a European shorebird by comparing it any of the European stations & post it here well before I hear them!) Of course, if there's computer spurt on 891 I could be fooled - though the chances of computer spurs on numerous European channels - and nowhere else - are pretty slim!

Randy Stewart: Ben mentioned to beware of computer signals... can anybody tell us if there is any rhyme or reason to the hots and birdies that a computer and/or monitor will create on the BCB? All computer monitors have oscillator signals (you know they occur every 15.75 kHz... the clubs have published exact frequency lists of these, of course).

Doug Smith: There's something that's relatively hard to determine exactly what the sweep oscillator frequency is. There's no hard and fast standard like there a for TV, and a quick check of my Windows 98 desktop mixer determines it. By the way, what is your method or technique do you use when requesting Verification from these extended band stations? Actually I would be interested in hearing about your methods of requesting verifications for ALL stations - not just the extended bands. I try to tape their signal on cassette and also write a one page log of what is contained on the tape. I seldom do any follow up work and that might be a weakness in getting replies. I am interested in hearing what methods you work for you. Thanks.

Patrick Martin <mw9dxer@webtv.net>: Hi: I never give up! That is really the secret. I try over and over. Some never send follow ups. If I didn't I would probably get less than 50%. With everything, my domestic rate is way down compared to the rest of the time. I have phoned, visited, etc. to get a QSL. Even a prepared card will work, but I don't care for them. If I do get a reply on I will try again and often I can get a letter from the station. Always be polite, but trying over and over, sometimes I get the idea, the station will finally reply just because of the persistence of who you are. hi. Whatever works. I work in WA and my best is 2655 KHz eras since I started in 1965. My return for foreign stations is always low mainly because of the language problem, but I have been known to phone stations in Australia, New Zealand, and the Philippines. If you plan it right, the call can be inexpensive. Right now there are 3 X Banders I have not received a QSL from, XEU7-1660 (No correct address I can find for sure). KBDJ-1650 (The CE is going to reply to reports when he has time), and the real toughie, KQX-1700. So far only one DX'er, Gary Jackson in Sacramento has gotten a QSL from them. Anyway, Good luck.

David Hoff: Patrick - 90 % returns on your verification is outstanding!! NOW - what have you done to handle the logistics of those 2655 verifications?? My first thought is to put them into 3 ring binders and file them in there? Have you filled all this places? And if so, have you filled all this places? Will you have made any arrangements to have your collection of verifications saved when you pass on to your final QTH?? What does a collection of 2655 verifications look like when they are all together in one place?? I can hold all of my verifications between 2 fingers and they are not even 1/2 inch thick. I am impressed.

Patrick Martin: With 561 TV, FM, MW, etc I have over 3000 QSL's. I currently have them in file folders in file drawers. I don't have the room for as many binders as I would need. I fill up 5 or 6 drawers at the moment. They are in pages in the file folders. I have over 200 Australians, Over 100 NZers and over 100 JI QSL's. I have close to 90 MW countries verified. I plan to have them donated to a QSL museum when I pass on so they can be put on display for others to see. I am 51 years old and by the time another 30 years goes by, I should have 4000... I would think. But who knows, the AM band will even be used by then.

Fred Vobbe <fred@ucrsacs.org>: Don't forget the NRC. We have archives for QSL collections.

Patrick Martin: Does the NRC have the QSL's on public display?

Fred Vobbe: We'll see, within the year.

Patrick Martin: That sounds great!

Russ Edmunds: Patrick, this is in reference to having them on the NRC/DXAS website. The NRC also maintains some QSL collections, which I do not believe are on display. The CQVRF - Committee to Preserve Radio Verifications as established a repository, where I am told, they can be seen on request at the University of Maryland. I have been a bit unclear in trying to independently verify that what I have been told is indeed accurate, but I will get back after that. Paul may know whether the NRC collection is or will be on display other than on the website... (Fred is working on a wow display - pls)

Patrick Martin: Hi All: There have been several discussions of 'ate on QSLing, both pro and con. As many of you know, I have been QSLing for a long time. I remember as a kid, the number of QSL's was the excitement. Now at 51, and over the years, something has changed. Something has come out of the way of me just listening through my Alberta MW QSL's today, after discussing CKRD-700, CHTA-1570 and others going to FM. I find a lot of QSL's from many stations that are not on MW anymore, also some that have just changed call letters. How many remember these? (1) CRKD-Red Deer on 850 kHz, (2) CFTF-1050 Grande Prairie (now CHQG on 810 kHz), (3) WCHR on 810 kHz, (4) CTVQ on 810 kHz, (5) WCHR on CTVQ on 810 kHz, (6) CTVQ on 810 kHz, (7) CTVQ on 810 kHz, (8) CTVQ on 810 kHz. Those are some of the QSL's I have gotten throughout the years from Alberta alone. Yes, a lot of Canadian radio history there that probably many of the above stations don't even know about. Anyone else out there have any "history" QSL's? Dwight McIntyre<dswc@bci.ca>: Having lived in Alberta for the past 17 years I remember all of these quite well. I remember CKJKU moving from 850 to 700 in the mid '80s. They were quite proud of the fact that their new 50 kW signal even reached Regina during the day. They did cover most of the inhabited part of Alberta like a wet blanket, including Calgary and Edmonton. Now they are on FM and can be heard in parts of NE Canadian. Their potential audience is perhaps 10% or less of NE Canada. They are at the most, 20% of what it was when they were on 700. With CKRD going the only stations on AM with a good signal in Calgary are the five Calgaret stations (CFR-660, CHYY-770, CFCX-260, CBO-110 and CKMX-140), CHRR-1140 High River and CKDR-910 Drumheller, all stations 50kW U. The transmitters of the last two stations are much closer to Calgary than to the city of license. CKRF-1170 Red Deer, the only AM left in that city has a poor fair daytime signal in Calgary despite being 50 kW; at night they drop to 14 kW with Calgary in a null and therefore almost disappear. CHQG moved from 810 to 770 as they had to protect KGO at night, and as a result their signal SW of Calgary was very poor on 810 at night. They seem to get out very well on 770 and even reach Saskatoon during the day. With regard to CTVQ, CFXC, CKISS this station started as CKJ and was TWX for the first two years before they went to FM. The only station in Canada I know of to use five different calls on AM. CTKM now uses their old facilities, of which course put a fair better signal into Calgary than into High River, the COL. Note that CKST and CKMG were the same station, they changed frequency and calls at about the same time, I forget which came first. FRED VOBBE: "Anyone else out there have any "history" QSL's?" Sure, CHY-710 and CHFY-710, WMS-760 in BG OH, WJK-5000 and WDEI-1500 in Detroit, and a few more...

Rud Edmunds: "How many remember these?" I remember all except 5. Wish I could have heard any of them for certain from any of my various locations, though...
Patrick Martin: Ver die verie CKTA was CFEZ in the 80's with EZ listening for a while.

Patrick Martin: What a great discussion! Yes, I have the old WNBC QSL'd too. I think often, what it must have been like to DX and QSL in the early days of radio. I have seen some old QSL's from the 30s and they are really nice! I have many Oregon stations QSL'd that do not exist anymore. Some come to mind like KBOQ and KAPT-1200.

Ron Gitschier FVfWQ, I got my QSL in 1982 when we WNBC a daytime report, tx in Lowell, Massachusetts, 10 miles north of /in one of WKGO/680's 50 kW lobes. The I-Man (Don Imus) didn't sound too good then either. (lol). Got a couple of coverage maps. The shape of the contour is odd, likely due to the salt water. Can hear them ashore down to Cape Hatteras. Commuted from The Northeastern-most county in N.C. to Norfolk, VA and used to listen to Imus in the Morning on the Fan WFBQ 660 on the salt water path signal.

Wayne Heinen <nklgktaol.com>: Hi, A quick check of my QSL collection shows 544 verifications from stations that no longer exist (call change etc) that out of 1500 or so...

Patrick Martin: You are lucky to be able to figure that out so soon. It would take me a lot longer.

Patrick Martin: With all the QRN of 660 and since my eastern beverage really is not long enough to be really that directional on the bottom part of the band, I have never logged WFBQ here on the west coast as yet. I am more likely to hear WWRB or WQEQ WNBC, WABC, and WCBS were all QSL'd back in the less QRN'd days.

John Sampson jsmith@auwest.net: Among the more interesting of the “no longer existing” stations in my collection of some 3300+ QSL's include KCDM, Dauphin, on 1200 and 1050 (along with its present 750); CFCF, Great Victoria on 1230, which finally became the Sask. 710 CBC station; CFNS, Saskatoon on 1170, which I think, became the Sask. 860 CBC station (all of these heard from Omaha) and CFBF, 1200, in what was then Froebis Bay, NWT (heard from Winston Salem). Speaking of New York on 660, have them as WRIQA when in Omaha, WNBC when in New Providence, N.J. (obviously, not very difficult) and the present WFCN when in Minneapolis. Incidentally, initial QSL response here is now around 35%...goes to about 75% with follow-ups but nowhere near Pat Martin's impressive return rate.

Patrick Martin: John: What year did you start QSL'ing? Some of those must go back way. I started in 1965. With your 3300+ QSL collection, it must be something. I am really glad to hear from several that still have their collection. QSL's aren't as easy to get as they used to, but the count can still go up a lot if you work at it.

John Sampson: Patrick - Started QSL'ing when in Des Moines, Iowa, in 1953; had started DX'ing in 1951 but didn't tumble to the QSL part until a 3am suggestion I wrote to some of the stations I heard. Missed a lot of beauty, too, by not QSL'ing in the early 1950's. Moved to Omaha in 1954 and really got into it. I think I have over 1500 QSL's, all from various parts of the world.

Eric Foden <eric_foden@pch.gc.ca>: (Regarding John Sampson's mention of CFBF-1200 - db) I think I tuned my radio to 1200 almost every time there was the slightest hint of good conditions, and no luck. I'm jealous.

I heard them several weeks before the test with an amazingly strong signal. Tried again on the test but no luck that night.

Patrick Martin: You mention NWT-1200. I remember the test, but I never heard it here on the west coast. However I did get AFRTS-1425 Thule, Greenland. Anyone else ever hear QSL that one? That 1 kW got out pretty well. Greenland is a tough country to log.

Robert Foxworth: I read the QSL's from Jeff Schott, near Miami FL said he had heard and verified this one. I tried often for them in the 70's and never had any trace of them. They had gone to 1430 some time ago. I have a 70's shack picture, when I had my HQ-150 and GPR-90 RXD and the GPR is in a rack frame and tape to the rack is a reminder to myself to "check 1425". That's how badly I want it back.

John Sampson: Tried for Thule when living in NJ but no luck

Fred Vobbe: FYI, I talked to Ken Chatterton today. He’s up to QSL 4,001.

Patrick Martin: That is a lot of QSL's. Ernie Cooper has over 4500.

Fred Vobbe: "Ernie Cooper has over 4500." I think he started before Ken. I'll have to ask him sometime when he started his DX career.

John D Bower <cw2wten@juno.com>: Regarding the numbers of QSL's. Ernie Cooper, now living on Cape Cod in Massachusetts, did a lot of his listening and QSL'ing from Brooklyn, NY. It's still amazing to me that listening where he does, literally at one end of the country, he does better than 99.9 percent of all the rest of us with DX'ing...I don't know if Ken has lived in Mansville or that area his all DX'ing life, but that would be an important question.

Patrick Martin: When did Ken start QSL'ing? I started in 1965 when I was 16. Ernie started back in the early 30's I think. PS. Another nice collection (if he still has the collection) is Richard Wood. He has

WNAX 670

DX'd from all over the world including Saudi Arabia, England, Hawaii.

Russ Edmunds: I believe that ERC started in 1920 or 1927.

Fred Vobbe: "I don't know if Ken has lived in Mansville or that area all his DX'ing life." He has a brother-in-law, who I believe lives north of Montreal, who allows him to DX up there. If I recall the story correctly, the site is very noise free, and he is using some abandoned phone lines which gives him a beverage antenna around 3 miles long. Oh...to have a site like that around here. The closest I have come is my sister-in-law's farm out in Drake ND.

John D Bower: The best longwave. Beverage. I ever tried was a straight electric fence in Vermont. It consisted of just one wire up on wood posts, insulated of course, and after the cows were inside at dusk, it was turned off (used pulses during the day) and I could hitch up to it. Only did it twice but it was sure a fine setup. That was early in my DX'ing days. 1948, 49.

Fred Vobbe: That was in the earlier years of my DX'ing days. Every station had a Chief Engineer and many of those guys were radio amateurs or simply were interested in hearing from DXers picking up their signals. I know of several CE's, such as the fellow at KRBRX-150 in O'Neill, Nebraska, who kept books of the reception reports they received. Today, so many stations don't have chief engineers, per se. Moreover, many of the older guys have long since retired. This season, I have received for 30+ reports sent out. I feel very fortunate to have heard and verified all 50 states from back in Nebraska. Today, even if you somehow were sufficiently lucky and skilled to hear all 50 states, it might be an even more difficult challenge in trying to verify them! One question—when is the last time any of you actually heard a 3.000 hertz test tone for an unscheduled equipment test during the experimental hours of midnight to 6 a.m.? You used to hear them all the time. Now, I can't remember when I heard the last one, it's been so long.

Patrick Martin: I heard a 1000 Hz tone on KBDI-1650 the other morning. But they are rare these days.

Also this time marks the first of a new section of the column where we will include news of AM stations included in various mailings – including the Northeast Radio Watch by Scott Fybusch, which has previously been included with DDDX-East. In discussing this with Michael Shaw, the goal is to try to keep all of this type of information in the same location, rather than each of us including a bit of it. So this is recent information from Northeast Radio Watch via Scott Fybusch (4/28) (nervi@bostonradio.org).

The morning show lineup is changing yet again at WABC (770 New York). As had been widely expected, the Rocky Allen showgram, brought over from sister station WPLJ, was pulled from WABC in favor of veteran station hosts Curtis Silwa and Ron Kuby, who move to mornings from the 6-8 F.M. slot. An STA from the FCC, WLNH airs southern gospel music & religious programming. We hearing a zoning problem has arisen concerning the number of towers (bad pun, we know...). Over in nearby Anderson, a big landmark disappears. The old WHBU (1240am, Anderson) Blaw-Knox Tower was removed in February. At 175 feet, the self supporting tower sat atop the six-story Union Building in downtown Anderson. Replacing this tower is a new guyed tower on the south side of town. The upper 6 feet of the old tower, including the top beacon, will be housed in a local museum...Before we leave the capital city, we'll tell you that WOOO (1520am, Shelbyville) flips calls to WKKH. This is purpose, the new owners are the electrical company for the Shelbyville metro area (and we all knew that "KWH" stands for "Kilowatt Hour", right?)


Both sites are full of current NYC radio news.

We'll be including information from various other mail lists and web sites as we proceed with this project.
Hello, and welcome to this edition of Target DX. This time, we'll start with some website information - one correction from the last column, and then a new one.

First, the correction: the URL for the site is the only change:

- http://swartoffos.fcc.gov/38090/product/cbwa/pbacc/pbmcncbwa_par.html is the FCC's newest effort, which replaces the user-interactive inquiries against the FCC broadcast station database for AM, FM & TV. This includes more data fields and more flexibility than the 'Query' site noted last taste. It is anticipated that this site will ultimately replace the older one.

Now on to new ones:

- http://members.home.net/baumsam/radionintro.htm is a site containing up-to-date information on network listings for stations for teams in Major League Baseball, the National Football League and the National Basketball Association. It also contains links to other sports-related sites.

- www.crtc.gc.ca/whatsnew_e.html is the Canadian Radio & Television Commission site which lists the results of recent Commission actions and applications.

Q: What are the basic types of BCB signal propagation, and how do they compare?
A: First, there is ground wave. This mode is predominant in the daytime, and the signal follows the surface of the ground, as opposed to being transmitted through it. Generally, the useful limit for mid-day ground wave propagation is about 250 miles, although it is not uncommon to see claims of much greater distances. With these, there is usually some element of skywave also present, thus creating multipath propagation. At night, ground wave continues to exist, however it is not usually the predominant mode outside of 125 miles, depending on transmitter power. Over 160 miles, the predominant mode is usually skywave.

There are several layers of the ionosphere where medium wave radio signals are redirected, or refracted, back toward the earth. While it is commonly referred to as 'reflection', this is not the case, although this difference is not noticeable to the DX'er.

The D and E layers generally serve to absorb signals at BCB frequencies. During the hours around sunrise and sunset, some refraction can also take place, hence the daytime skywave component referred to above. That these layers change form absorption to refraction is a function of the sun's radiation on them, causing them to change their physical characteristics. By night, these two layers merge into a single layer, known as the 'nighttime E' or 'residual E' layer, which is usually absorptive.

The most predominant identifying characteristic of groundwave reception is its solidity - there is no evidence of fading present, either in the form of the signal strength or to other electronic monitoring devices such as spectrum analyzers or oscilloscopes. If any fading is present, then multiple propagation modes are active, and the result is often referred to as 'multipath reception'.

While there are rare circumstances under which propagation via the 'nighttime E' layer exists, it is frequently accompanied by either groundwave (at distances closer to the transmitter) or by propagation via the 'F' layer. The 'F' layer, owing to its relatively low altitude (60 to 80 miles) has a theoretical maximum distance per signal hop of about 500 miles, whereas the 'E' layer, located between 150 and 200 miles of altitude, has a theoretical maximum of about 2,000 miles. The term 'signal hop' is used as above, and is an illustrative term than a regularly-used one. It is used to describe a signal component travelling up into the ionosphere, being reflected by one of the layers, and then returning to earth at a distance described. With any type of skywave propagation, if conditions are right, a signal can propagate by means of multiple 'signal hops'. As such, it should be noted here that there may be multiple viable signal paths between any given transmitter and receiver.

As a practical matter, signal paths which even approach these maxima are rare, because the longer the distance covered by a single hop, the lower the angle of skywave radiation and reception will be, and this results in a greater amount of distance a signal must travel through the lower-altitude absorbing layers. A similar limitation applies to paths of multiple hops, because of the repeated passages of the absorptive layers necessary to complete such a path. This is not to say that receptions of these types are extremely rare, but rather to emphasize that weaker signals are more likely to fall victim to absorption than stronger ones, thus accounting for the readily-observed fact that distant reception is more common with higher powered and/or directional arrays radiating in a favorable direction.

Each ionospheric layer has a variable 'critical frequency' at which point signals are refracted below this value and absorbed above it. Depending on geomagnetic activity, the sun's normal radiation, and the layer in question, these values may rise and fall quite freely. This fact accounts for some of the high variability and apparently anomalous effects during periods of geomagnetic disturbances, including the essential characteristics of 'auroral conditions' themselves. During these times, these changes may result in absorption of signals over one or more normally-viable paths, while leaving others near interference-free as a result.

Q: What are some options for a relatively simple and inexpensive external antenna which will perform well on the BCB?
A: The easiest is a simple random wire - whatever length works with the location where you have to erect it. Such an antenna is usually strong between trees, or buildings or both. There really is no effective difference between a random wire and a longwire, as both are relative terms, however, generally speaking, wires in excess of 100 feet can be safely considered longwires. Usually, if the antenna is maintained in a straight line, the noticeable directionality of the wire increases with the length. It is preferable to get some reasonable height to it, perhaps 10 to 20 feet in order to avoid a danger to people or to the antenna itself should the two come in contact with one another. It is also preferable to maintain as much distance as is practical between the antenna and sources of electrical noise, however this then requires a longer lead-in from the antenna to the receiver, which consequently results in a greater amount of signal loss. Your best bet here is to avoid close proximity to obvious noise sources, and keep the lead-in short, otherwise you may need to resort to a noise-reducing arrangement.

Other types of external wire antennas commonly used by BCB DX'ers are 'loppers', 'dipoles', and 'folded dipoles'. A 'lopper' is simply a wire antenna mounted in such a way that one end is elevated to a much greater height than the other, thus inducing greater directionality and somewhat lower noise. A 'dipole' is a balanced antenna, having two equal or essentially similar legs. This type of antenna utilizes both of the non-ground terminals on those communications receivers as may have such facilities. A 'folded dipole' is a lower-noise version of the standard dipole, and its appearance can best be appreciated by visualizing a wire coathanger, with the hanging hook straightened to simulate the lead-in, and the remaining part of the hanger squashed together to create two connected, essentially parallel elements, and then cutting the farther element directly opposite the lead-in. Generally, when constructed of antenna wire, non-conductive spacers are used to maintain the shape and the distance between the parallel pieces.

That will do it for this time! Please remember that this column is for you, and that it needs your support in the form of questions in order to continue to exist. If you have a question, whether you think it's simple or difficult, whether it may require a short answer or long, and no matter if you think no one else might benefit by getting it answered, send it in either via the NRDXAS listserv, or via direct email to the addresses at the top of the column, or via regular mail also as per above. This may be the summer season, but don't mean we can't get some questions out to help getting ready for the next DX season!
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**Motor Racing Network (MRN) Affiliates**
Compiled by Mike Battaglino
As many of you know, NASCAR auto racing is the fastest growing sport in the United States, with three primary divisions—Winston Cup, Busch Grand National and the Craftsman Truck Series. The season for each runs from February through November each year.

To support an ever-increasing legion of fans, the Motor Racing Network (MRN) was created a number of years ago to bring the thrill of motorsports over the airwaves to those fans who could not attend in person. Today, this far-flung network stretches from coast-to-coast and numbers over 500 stations.

I will pass along updates to the affiliate list each month, provided there are any to report to you on. The MRN Web Site is http://www.mrn.com

Check the site for the complete race broadcast schedule. All Winston Cup, Busch Grand National, and Craftsman Truck Series races (with the exception of those races staged in Atlanta, Bristol, Charlotte, and Sears Point, CA, which are carried on rival network, PRN) are aired on MRN.

Lead Announcers: Alan Bestwick, Barney Hall
Weekly Shows: “NASCAR Live w/Elli Gold,” every Tuesday at 7 PM EDT; “NASCAR Today,” “Ned Jarret’s World of Racing”; and “NASCAR USA,” Monday through Friday (times vary by affiliate)

“Monday Morning Race Break,” every Monday morning (times vary by affiliate)

Next Issue: The Performance Racing Network (PRN) affiliates (many of whom are MRN stations as well), and the networks for the “open wheel” series—CAR! & IRL.

A Review of the Sangean ATS-505

by Russ Johnson <-johnsonrkkm@lexcominc.net>

I was intrigued by the latest offering from Sangean, the ATS-505. The unit offers continuous SW coverage, AM/MW, FM and LW. The 505 offers SSB reception making it the lowest priced portable ($130) to provide this.

So what does it have? The first thing I noticed was a significantly easier to read display vs. the ATS-909/DX-398. The display shows frequency in large numerals (1/2") and which memory has been chosen. A push on the display button changes the display to show the clock. You can set two different clock settings on the 505 and toggle between them with the clock button.

Nine (9) memories are available for AM/MW, FM and LW. Two "pages" of 9 memories each (18 total) are available for SW. The 505 covers LW from 153-279 kHz, AM/MW from 520-1710 kHz and FM from 87.5-108.0 MHz (stereo with provided earbuds). Shortwave is covered continuously from 1711-2999 kHz.

The up/down buttons and tuning knob change the frequency by 10 kHz on AM/MW, 9 kHz on LW, 5 kHz on SW and 100 kHz on FM. The radio can be programmed to go +/- 9 kHz on AM/MW and 200 kHz on FM. Pushing the tuning knob enables finer tuning with the knob. In the finer tuning mode, the 505 tunes in 1 kHz increments on LW, AM/MW and SW. Fine tuning on FM = 50 kHz.

The SSB mode works only when the radio is operating on the SW frequencies. I was disappointed that this option was not available for AM/MW. The SSB "clarifier" BFO thumbwheel, with detent, works well. The BFO provides approximately +/-2 kHz. Amateur SSB/CW signals were easily copied.

The 505 provides a DX/Local switch. However, it only works in the SW and FM bands. An external antenna jack is provided, but it only works for SW (not AM/MW). This receiver is quite sensitive on SW and I found that using an external antenna overloaded it. There is no wide/narrow filter choice on the 505.

Included with the 505 is a lighted display, which shuts off after approximately 7 seconds, sleep function, alarm (beep or radio), 3-position tone switch, lock and 37" whip. The radio scans similarly to the 909/398. The Auto Preset System is provided to load in the strongest 9 signals on the AM/MW and FM bands. Apparently the signals must reach a threshold signal strength as only 3 stations were heard in my area on AM/MW. A green LED is the sole tuning indicator (it turns red when in the SSB mode). The 505 is powered by 4 AA batteries. Other reviewers are reporting extraordinary battery life. I haven't used it long enough to verify this. An optional AC power supply is available.

How does it perform? I think many will be comparing the 505 to its big brother, the 909/398. In a few respects, I prefer the 505. It seems slightly more sensitive on SW and I feel that the audio is superior to the somewhat mushy sounding 909/398. As a back-up radio, it is easier to operate. There is so much crammed into the 909/398, it is easy to punch the wrong button and can be difficult to see where things are. Other than that, the 909/398 is easily worth the 2x cost difference. The sensitivity on the 505 AM/MW is very inferior. All of my other radios (1010, DX-398, DX-375, CCR, SR3) beat the 505 for sensitivity on AM/MW. Rotating the 505 doesn't provide nearly the level of gain in the tweeter, the "true sideband," SSB-splitter is much reduced on the 909/398. On the 75 meter amateur band, it was not unusual to hear splatter as far as 4.6 kHz away on the 505.

Final verdict. The 505 is a neat little general coverage radio that does a very solid job on SW and sounds great on FM. It's size (slightly smaller than AM/MW) and light weight (300 oz without batteries) make it a nice travel or back-up radio. If you are used to a Sangean "standard" radio, it may be easier to operate. There is so much crammed into the 505, it is easy to punch the wrong button and can be difficult to see where things are. Other than that, the 909/398 is easily worth the 2x cost difference. The sensitivity on the 505 AM/MW is very inferior. All of my other radios (1010, DX-398, DX-375, CCR, SR3) beat the 505 for sensitivity on AM/MW. Rotating the 505 doesn't provide nearly the level of gain in the tweeter, the "true sideband," SSB-splitter is much reduced on the 909/398. On the 75 meter amateur band, it was not unusual to hear splatter as far as 4.6 kHz away on the 505.

At long last, a new SW radio has arrived on the scene.

Are you expiring?

We hope not! To avoid expiration, mail your remittance to The DX News Membership Center early. Allow at least three weeks after mailing your check or money order for new renewal data to appear on your mailing label.

Sunrise-Sunset Maps

Monthly maps (12) showing the average monthly sunrise/sunset times for the U. S. customize them for your location. $3.00 for members ($4.50, non-members).

Order from NRC Publications; NY residents, add sales tax.
X Band Station List
Compiled by Pat Martine <mwdxe@webtv.net>

Here is the latest X Band list this time including QSLs received from DXers.

1620
WP1C-AL, Atmore-Gospel-24hr-Q/L
KSMM-CA, Autumn-Rel-24hr-L
WHLY-IN, South Bend-NOS-24hr-L
KAZP-NE, Bellevue-SPT-24hr-L
WTAW-TX, College Station-TLK-24hr
KYIZ-WA, Renton-UC-24hr-L

1630
KCJJ-IA, Iowa City-AC-24hr-E/P
KKWY-WY, Fox Farm-C/WQ/E
XEUT-BCN, Tijuana-JZ- Daytime

1640
KDIA-CA, Valparaiso-REL-24hr-Q/L/P
KP0C-OK, Lake Oswego-REL-L
WKSH-WI, Sussex-REL-24hr-L

1650
KGXI-CA, Torrance-JZ-24hr-Q/L/P
KBDJ-CA, Denver-REL-AC-24hr
KDZT-IA, Cedar Falls-NX-TLK-24hr-E/L
WHKT-BC, Portsmouth-REL-C

1660
WMIB-FL, Marco-NOS-24hr-Q/L/P/E
Q-Card
L-Letter
P-Prepared card
C-Certificate
E-E-Mail

The NRC AM Log on a disk.

The NRC Nighttime Antenna Pattern Book, 4th Edition is the perfect mate to the NRC AM Log, as the NPB provides DXers with up-to-date maps of all (except Class IV) stations with nighttime operations. Convenient to use: 3-hole punched for standard binders. Only $16.95 to U.S. and Canadian members; $22.95 to U.S. and Canadian non-NRC members. Airmail to members: to Latin America, $24.00; Europe, $25.00; rest of the world: $28.00.

Order from: NRC Publications - Box 164 - Manassasville, NY 13661 (NY residents, please add sales tax).

KIDG AM 250

Phil Bytheway
9705 Mary NW
Seattle, WA 98117-2334

Geomagnetic Summary

High "A" values indicate possible auroral conditions

Geomagnetic Summary April 2000 through April 24 2000

GEO = Geomagnetic activity
SA = Solar Activity
m = major flare
mas = major storm
m = minor storm
usa = severe storm
pea = polar cap absorption
spe = satellite proton event

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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 QSLs to DXers. AM editions in English (EEG), Spanish (SSG), and French (FPG); FM edition in English (PMS). 20 for US $2.95 ($3.50 non-members). From NRC Publications. (NY residents, please add sales tax.)

Not sure about renewing?
Consider these benefits of a membership in the National Radio Club: 720+ pages per year of varied and comprehensive DX and radio information ... reduced prices for publications ... responsive editors ... and the friendliest bunch of DXers in the world! Why not send that renewal check to Ron Musco at the membership center today!

AM Broadcast Station Antenna Systems A Basic Guide
Written by NRC'er Patrick Griffith, this book makes it easy for the non-technical DXer to understand everything about AM broadcast antennas. Over 35 photos. $13.95 to NRC members ($17.95, non-members). Order from: NRC Publications - Box 164 - Manassville, NY 13661 (NY residents, please add sales tax).
Musings of the Members

Dave Schmidt  
P. O. Box 5111  
Scranton, PA 18505-0111

Gerry Thomas - 635 Chastain Way - Pensacola, FL 32504

Well, the new millennium has sure started out crappily around here. In addition to an extended bout with the flu and weeks of dental surgery on my part, my wife goes and has a brain hemorrhage. After being told that she is doing much better now (thanks for the cards and emails expressing sympathy), I, however, have decided to postpone the release of the Quantum Phaser and Quantum Loop Pro until next season (since this season is just about over). The final straw leading to this decision was the long-awaited arrival of the circuit boards for the Quantum Phaser (ordered in October, delivered in April). The best part is that the boards that were delivered were tall the physical size of the camera-ready artwork I supplied! Jeez, I can’t believe the problems I have with suppliers...now I have to try either get them remake or seek a refund. Enough whining and personal stuff... On the radio front, for the past few weeks I have been in possession of the new Palstar R30 receiver and am in the process of writing a review...it should be in this issue or the next. In a nutshell, it’s a very well made, no frills receiver with excellent sensitivity and great audio. I’m comparing it to the Drake R-8 and the Japan Radio R-535D and it’s doing quite well. Last night (4/20) I was checking it out on the tropical bands and tuned past 2480 kHz where I heard oldies music being played. At first I thought it was an image, but a check with the R-8 and 535D also revealed the station. A new LA playing American oldies? Then the English-speaking DJ comes on and says, “This is K-D-GO, Durango.” It turns out that it was a harmonic of KDKO, Durango, CO, 1240 kHz! Signal was weak but easily readable...maybe my luck is turning, hi. 73...GT

Perry Crabill, W3HQQ - 225 Milan Drive, Winchester VA 22602  <pcrabill@visuallink.com>

How many AM DXers have received Static on their radios? Please note the capital letter, because I’m talking about WS8I-1210, a 250-watt C&W daytimer in Static, TN. I have trouble pulling WS8I-1210 off the 1410 kHz loop, so I think my chances of catching something are slim without an SF. I wonder what their QSL card looks like. If you’ve never gotten Sparks on your radio, your chance may come in when the new station in Sparks, NV, goes on the air on 1400 kHz. However, the graywave frequency probably will keep most of us from hearing it. We lost another three-letter call recently when WWO-590 became KGMF. I’m sorry to say that I hadn’t been able to log them before the CL change. I suppose it’s no longer owned by the Woodmen of the World; I always thought that was a neat call sign, considering the ownership incidentally, isn’t the switch from a “W” call to a “K” call a bit unusual? Speaking of call-letter changes, I’ve always been curious about stations in the same area swapping call signs. I see a lot of that in AM Switch, and wonder about the reasoning behind it. Actually, it’s not really a recent phenomenon; when I lived in the DC area WOL and WWDM made a swap long time ago; it may have been as far back as 1950, or even earlier. I’m sorry to say that I haven’t done much logging the past few months. My favorite time for DXing is during the LBS period, but I’m the one who cooks the evening meal, and KP gets in the way of DX. I’ve had limited success by presetting a recorder with the R8 and Kiwa set for a target, but it hasn’t always worked.

Joe Kureth - 2900 Untiontown Road - Untiontown, MD 21158-3553

As a late MUSINGS topic on the BEST DX LOG, that is a tough one! I have heard and verified XECO-3830, XECM-860, XETRA-690, TGFH-125 (1500 watts), VP4RD-730, Bermuda-960, 1235 & 1340, and KFBE-141 (5000 watts). And there’s the mystery DXEED in the early AM when I got home using a Halicron SX4 and SM1 loop. Just before 4 AM, a tone was noted on 700 with another station, the tester ID’d as KBBG, Avalon-Catalina Island, the other a legal ID as KCBS. So 2 CA’s were logged, on the same frequency within seconds of one another, haven’t been able to top that one since! KBBG didn’t verify my report. Biggest lament that I never tried to verify

Ray Arruda (KB1EYX - 47 Bart Street - Acushnet, MA 02743-1939  Ray<ckw14w@attcom.net>

Not much DX to report in the last few months so this would be a good time for a reintroduction. I’ve been DXing rather heavily lately but hard to get in to others! Young people today have pages, cell phones, and computers, so its harder to get them interested in the hobby. Current age is 50, married to Arlene for 25 years. Worked for NYNEX/Bell Atlantic for almost 40 years as a line and cable fiber splicer until retirement in 1998. My first verification was from KS1-1160 back on 3/66. I joined NRCA in 1967 and then the NRC in 1974. Being in the NRC has been a great association with many long-lasting friendships formed in those 25+ years. Current MW totals are 1290/1150 with some FM and SW verifications, mostly from international broadcasters in 30 countries. Recently I did some CPC work one year back in the 70’s and a very short stint as DDXX Editor from 1978-80 when HQ was in Louisville (with the help of Misty The Wonder Dog, too Ray’s-DX). Equipment currently used here is a Drake R8A, Drake SWB, a recently purchased and restored HQ/80A bought from ERNIE COOPEC and several portables. Because of limited space, antennas are a 50 foot longwire in the attic and a Quantum Loop which is an excellent antenna. We have had a Thanksgiving Get-Together in “The Lower Deck” every year since 1978 with varying attendance by many members from all over the country. We have attended about 8 conventions, most of them close by, the furthest being Louisville in 1976. Recent events: Purchase of a personal computer in January. Arlene can perform a number of tasks on it, but I like it mostly for web radio. Also, I finally got off my duff and studied and passed my Novice and Technician written exams on 2/12 and was recently granted amateur radio license call sign KB1EYX. Morse code exam is next, so I can upgrade. For over 30 years I’ve kept putting off getting an amateur radio license, and now that I’ve got the time, I finally did! Only recent DX was a try for the 3/5 KE2Y-600 test with no luck due to unusual strong WPAN. I start my 13th season coaching the best level of baseball, Little League! Once I got an antenna up in the backyard, I can start on 2 meters. Enjoying retirement, busy as ever with no desire to return to work. Welcome to MICHAEL SHAW as new DDXX editor and neighbor! Thanks to DAVID YOCIS for his years of dedication as editor of the column. Because of the hard work of small but dedicated group of people, the NRC and ARRL NEWS has never looked better! (Thanks for the kind words Ray-DX. Ditto -pfs-l)

Dave Schmidt - P.O. Box 5111 - Scranton, PA 18505-0111

Greetings from PROAGMATION CENTRAL! I never got my receivers set up again this year, and here the season has closed out already! Plus the limited space of the apartment where I live in Avoca, PA is going to have to show some creative antenna set up! And hope the landlord doesn’t mind! Locally, 1550 is Pittston is now back on the air (as of 5/4), I haven’t caught the calls on it yet (check Jerry’s column!) but it is a 100% simulcast of WCK-1400/WWY-1240, oldies, 24 hours NSP. KERMIT GEARY has received the first verification for WFF8-1290, who caught running equipment tests and sent his report to WAT-A750. WFBIS is on the air, running an oldies format from 1955 through 1963 exclusively, 24 hours NSP. I was involved with the IMUS IN THE MORNING set up from Scranton, PA on 7/5, which did not get on the air, at least not from Scranton. Apparently, the hotel where he was staying didn’t forward the calls, he took photo calls at home and he got upset and went back to New York to do his show. The event was being sponsored by one of the stations I work for here, WARM-590. Upon his return to New York, he decided to say some not-so-nice things about the hotel, the people that work there, the station, etc., so enough was enough, he was taken off the air and his program cancelled at WAM, to be replaced by a LOCAL talk show starting Monday 5/8. Local programming, what a unique concept! Keep those reports coming in, let us know of your summertime doings and keep the column alive! 73’s!

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