

October 19, 1996 - Volume 34 - Number 5 - Edition 1098 - ISSN 899-9733

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NEW MEMBERS: Alpo Heinonen of Finland, William Fortier of Worcester MA. **RENEWALS:** WR Stanton of Tulsa OK, Gary Jackson of Sacramento CA, Sherrell Warren of New Albany MS, James Hill of Palos Verdes Estates CA, Chris Knight of Firestone CO, Tom Messer of River Falls WI. Welcome to new members Alpo and William glad to have you. Thank You All.

SOFT DX MONITOR: IRCA members who have access to the Internet can now receive the "soft DX Monitor". It is "published" each Thursday. To receive the SDXM, send your email address to: bytheway@atk.com. Only IRCA members can receive the SDXM.

IRCA MEXICAN LOG, 4th EDITION: The IRCA is proud to announce the release of the 4th edition of its MEXICAN LOG. The IRCA MEXICAN LOG lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. In addition, stations that have changed frequency since 1990 are cross-referenced on the old frequency. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The log has been completely updated from the 1994 edition and carefully cross-checked by IRCA members in Mexico and the US. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11" and three hole punched for easy binding (optional). Prices: IRCA/NRC members - \$6.50 (US/Canada/Mexico/sea-mail), \$7.50 (rest of the Americas airmail), \$8.00 (Europe/Asia airmail), \$8.50 (Australia/New Zealand airmail). Non-members: add \$2.00 to the above prices. Order TODAY from: IRCA Bookstore, 9705 Mary NW, Seattle WA 98117-2334.....

DX TEST: Saturday October 26, 1996 - WPPI-1330, Douglasville, GA will conduct a DX test at 500 Watts nondirectional between 12:00 & 2:00 am EDT. (Note: the time is tentative) The test will include polkas and morse code IDs, plus "Oldies" music. Prepaid phone calls (No collect!) will be accepted during the test at (770) 838-9774. Reception reports may be sent to: Mr. Bill Alisauskas WPPI-AM 7548 Hillside Dr Douglasville, GA 30134 (Arranged by Bill Alisauskas for the NRC CPC.)

PUBLISHER & DXMW EDITOR: IRCA is still looking for a DXM PUBLISHER and DXMW-E editor. Contact Phil Bytheway.

KVNI
 NEWSOURCE 1060 AM

94.5
 EAGLE COUNTRY
 KXCA 10 - 13.1

NORTH IDAHO BROADCASTING CO.

DX TEST BULLETIN

**** DX TESTS ARRANGED BY IRCA (AND OTHERS)****

NOTE: EVEN IF YOU DON'T HEAR THE TEST, BE SURE AND DROP A CARD, LETTER, OR E-MAIL TO THE STATION PERSONNEL, THANKING THEM FOR THEIR TROUBLE.

SATURDAY, OCTOBER 19, 1996 - KAMA-750, 2211 EAST MISSOURI AVENUE, SUITE S-300, EL PASO, TX 79903-3838 WILL TEST AT 10,000 WATTS DIRECTIONAL DAYTIME PATTERN BETWEEN 2:00 & 2:30 AM EDT. THE TEST WILL INCLUDE MORSE CODE ID'S, TEST TONES, AND VOICE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. DAVID STEWART - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC).

E-mail: 71210.2074@compuserve.com

SATURDAY, OCTOBER 26, 1996 - WHLY-1580, 2010 S. MICHIGAN, SOUTH BEND, IN 46613 WILL TEST AT 1,000 WATTS NONDIRECTIONAL BETWEEN 6:00 & 7:00 AM EDT. THE TEST WILL INCLUDE MORSE CODE ID'S, PLUS 50's "DOO-WOP" AND 60's MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. MIKE SHANNON - OPERATIONS MANAGER. (ARRANGED BY LYNN HOLLERMAN AND J.D. STEPHENS FOR THE IRCA CPC).

E-Mail: Mike1580@aol.com

SUNDAY, NOVEMBER 3, 1996 - WWCN-770, P.O. BOX 9600, ESTERO, FL 33928 WILL TEST AT 1,000 WATTS DIRECTIONAL BETWEEN 3:00 & 4:00 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S, TEST TONES, & BIG BAND MUSIC. **NOTE: THIS TEST WILL BE REPEATED EVERY SUNDAY MORNING AT THE SAME TIME DURING THE MONTH OF NOVEMBER.** RECEPTION REPORTS MAY BE SENT TO: MR. "JOEY C." - PROGRAM DIRECTOR. (ARRANGED J.D. STEPHENS FOR THE IRCA CPC).

MONDAY, NOVEMBER 4, 1996 - WIMN-1220, 104 NORTH MAIN ST., STILLWATER, MN 55082 WILL TEST AT 254 WATTS NONDIRECTIONAL BETWEEN 1:30 & 2:00 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S AND OLDIES MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. DOUG SMITH - PRESIDENT & GENERAL MANAGER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC).

E-Mail: DSRadioman@aol.com

SUNDAY, NOVEMBER 10, 1996 - WJCE-680, 5904 RIDGEWAY CENTER PARKWAY, MEMPHIS, TN 38120 WILL TEST AT 10,000 WATTS NONDIRECTIONAL BETWEEN 1:00 & 7:00 AM EST. THE TEST WILL INCLUDE MANY SLOGANS AND VOICE ID'S, PLUS 70'S RHYTHM & BLUES MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. MR. SKIP REYNOLDS - CHIEF ENGINEER. (ARRANGED J.D. STEPHENS FOR THE IRCA CPC).

MONDAY, NOVEMBER 11, 1996 - CIGM-790, 880 LASALLE BOULEVARD, SUDBURY, ON P3A 5W7, CANADA WILL TEST BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE COUNTRY MUSIC, PLUS MORSE CODE & VOICE ID'S BETWEEN EACH SONG, AND WILL BE RUN AT A POWER OF 50,000 WATTS AT 135% MODULATION USING A DAYTIME ANTENNA PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. SCOTT SLOAN - DIRECTOR OF ENGINEERING. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC).

E-Mail: Ssloan@osiris.isys.ca

MONDAY, NOVEMBER 18, 1996 - KALM-1290, P.O. BOX 15, THAYER, MO 65791 WILL TEST AT 1,000 WATTS NONDIRECTIONAL BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE MORSE CODE. RECEPTION REPORTS MAY BE SENT TO: MR. DAVE WATSON (KBOYF) - PROGRAM MANAGER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC).

E-Mail: Watson@enet.net

'95-'96 IRCA CPC Committee Report

The '95-'96 DX season continued the tradition of success for the IRCA CPC. Tests from 58 different stations were arranged, out of 363 requests mailed - a success rate of 16 %. Propagation was a mixed bag, but there were still quite a few tests which were heard coast-to-coast

"Thank you" to the following people who made donations in the form of stamps, check, or supplies to the CPC during the last DX season:

Frank Aden
Bill Dvorak
Tim Hall
Henry Lazarus
Mike Sanburn

C. Park Barton
G. H. DeLeurere
Bob Harrison
Herb Newberry, Jr.
J.D. Stephens

Tom Bryant
Kermit Geary
David Hogg
Nigel Pimblett
Randy Stewart

Phil Bytheway
Dave Gasque
Lynn Hollerman
Jim Pogue
R.C. Watts

Lee Freshwater
Larry Godwin
Karl Jeter
T. Reiser

And, a special note of gratitude to IRCA members Don Davis and Lee Freshwater who conducted or helped arrange some tests on behalf of the club.

Remember, the IRCA CPC consists of:

Lynn Hollerman - Computer BBS Representative (Posting DX test info on BBSs and the Internet).

Email: gwholler@hiwaay.net

Jim Pogue - Technical Chairman (Production and mailing of Morse code tapes for DX tests)

Email: POGUEJ@smtp.lmm.usace.army.mil

J.D. Stephens - CPC Chairman (Arranging and confirming DX tests)

Email: JSteph6711@aol.com

As always, donations to help keep the CPC running - in the form of checks or stamps (no cash, please) - may be sent to your CPC Chairman at the following address:

P.O. Box 605
Huntsville, AL 35804-0605

The following stations tested for IRCA during the '95-'96 DX season (NOTE: Lee Freshwater already provided us with a recap of the Florida DX tests he arranged in DXM, so we won't repeat those here) :

MONDAY, OCTOBER 2, 1995 - KLZ-560, DENVER, CO. The first test of the DX season was from a historic 3-letter call station, and included Morse code. Widely heard throughout the West, there were also a couple of reports of reception East of the Mississippi. Correct reports were quickly verified with an attractive QSL card.

THURSDAY, OCTOBER 5, 1995 - WOBL-1320, OBERLIN, OH. Although the reply received from their CE and a subsequent telephone confirmation indicated this test would last 30 minutes, for some reason, it was only run for 7 minutes! With Morse code, test tones, and voice IDs, this extremely abbreviated test was heard reasonably well in much of the East.

SATURDAY, OCTOBER 7, 1995 - WZEP-1460, DEFUNIAK SPRINGS, FL. Just a few days after Hurricane Opal tore up the Gulf Coast, your CPC chairman called to confirm this DX test - not expecting that it would run, much less that the station would be on the air. Surprisingly, the station was going strong, and someone answered the phone! General Manager Art Dees, dazed from several days lack of sleep, understandably declined with a "Sorry, but we've got a hurricane." Now, enter Lee Freshwater, who is good friends with Mr. Dees, and who happened to call the station later in the day to see how he had weathered the storm, and to see if he was going to run the test. Mr. Dees said he had talked to someone earlier in the day about the test, couldn't remember who, couldn't remember what was said, and didn't know where the Morse code tape was, anyway. Lee encouraged him to look in earnest for the code tape, and - since Mr. Dees was going to be at the station during the scheduled test period anyway - to go ahead and run the test. Later in the evening, after not hearing anything back from Mr. Dees, Lee called him on his carphone, was told that the code tape had been found, and that the test would run as scheduled. The last time WZEP tested, it was very poorly heard, and only 3 reception reports were received. This time, it was widely heard throughout the Eastern U.S., and even made it to Oregon, California, and Canada! Thanks to Lee Freshwater, without whose efforts this test most likely would not have run, and special gratitude to Mr. Dees, who went ahead and ran the test, even though the recent natural disaster made it understandable for him to have chosen not to do so.

SATURDAY, OCTOBER 14, 1995 - KID-590, IDAHO FALLS, ID. Yet another 3-letter callsign, this one was widely heard in the West, and even made it to Louisiana, Alabama, and Tennessee. Some of you may remember Operations Manager Benjamin Reed, who ran a DX test for us a couple of years ago while he was at KOVO-960 in Provo, Utah. Mr. Reed put together a nice verification package to send out for this DX test, including a verie letter that was a reproduction of the station's letterhead from the 50's.

MONDAY, OCTOBER 23, 1995 - WDJL-1000, HUNTSVILLE. Some clown named J.D. Stephens pestered this station's General Manager to give him a part time job, then "snuck in" a DX test when no one was looking. It included Morse code and tones (both punched out on a touch-tone telephone), and heavy metal guitar instrumentals. Although the station's phone number had been publicized for calls during the test, only 3 were received (c'mon, guys!). Over 2 dozen reports were received for the test, as far North as New York and Canada, and as far South as Jamaica. The test was poorly heard West of the Mississippi, with only a couple of reports from that region, the furthest being Ponca City, Oklahoma. Thanks for the test, J.D.. and get a life, will ya'?

MONDAY, OCTOBER 23, 1995 - WAMR-1320, VENICE, FL. Wonder if this has ever happened? DX tests from 2 different stations on the same night, both conducted by IRCA members! Lee Freshwater strikes again, with another test from WAMR. Heard quite well in many parts of the Eastern U.S., it also made it to the West Coast, and New Zealand!

MONDAY, OCTOBER 30, 1995 - KFAY-1030, FAYETTEVILLE, AR. The station's engineer with whom this test was arranged was fired before the test date. Your CPC chairman spoke with the new engineer, who knew about the code tape, and promised that the test would run as planned. Unfortunately, no one seemed to hear it. The station's Program Director says it did run as scheduled, however KFAY was noted by DXers with regular programming only.

SUNDAY, NOVEMBER 5, 1995 - KVON-1440, NAPA, CA. Chief Engineer Mike Martindale had conducted a test from KVON a few years ago, and asked to do another one when their new transmitter was on line. Including Morse code, this test was heard much better than the previous - even making it all the way to the West Coast (New Jersey). Reports were quickly verified with a nice QSL card.

MONDAY, NOVEMBER 6, 1995 - WSEZ-1560, PAOLI, IN. The last time this station tested, nobody seemed to hear it, and no reception reports were received. This time, however, was different, as over a dozen reports were received for the test - all from the Eatsren U.S. The station's Morse code was heard suprisingly well, even through a blisteringly potent signal from WPAD in Paducah, KY. In verification letters, Chief Engineer Todd Edwards reported being very pleased with the results.

MONDAY, NOVEMBER 13, 1995 - WVAM-1430, ALTOONA, PA. Heard well over the Eastern half of the country, this test included Morse code, test tones, polkas, and march music. Over 2 dozen reception reports were received.

MONDAY, NOVEMBER 13, 1995 - KNXN-1470, SIERRA VISTA, AZ. This station tested a few years ago as KFMI. Like last time, the test was poorly heard, and, like last time, reception seemed to be tougher in the West than East of the Mississippi. The test made it to Mississippi, Tennessee, and Alabama, and include Morse code IDs.

MONDAY, NOVEMBER 13, 1995 - KATD-990, CONCORD, CA. The second DX test run by Chief Engineer Mike Martindale (see KVON-1440 above) was a real surprise to him. When talking to him on the phone prior to the test, he remarked that it probably wouldn't do very well, since KATD put out such a poor signal in its local area at night. The Morse code from this station's DX test put out a potent signal all the way to the East Coast (including New Jersey), and was also heard in Alabama, South and North Carolina, Tennessee, other points in the East, and much of the Western U.S.

MONDAY, NOVEMBER 20, 1995 - WOON-1240, WOONSOCKET, RI. Not well heard except in nearby states, this test included Morse code and voice ID's.

MONDAY, NOVEMBER 20, 1995 - KLCL-1470, LAKE CHARLES, LA. Also including Morse code, this test was heard mostly in the South, as it was run at a low power level. However, it did make it up to Illinois.

MONDAY, NOVEMBER 27, 1995 - WJYM-730, PERRYSBURG, OH. This station received over a dozen reception reports for their test, which was heard widely throughout the Eastern U.S., even though they were utilizing a directional antenna pattern. Reports were verified by an attractive QSL card and some even received a WJYM coffee mug.

MONDAY, DECEMBER 4, 1995 - WIXN-1460, DIXON, IL. Well heard throughout the Eastern U.S., this test was also picked up in Colorado! Reports were verified by a QSL card.

MONDAY, DECEMBER 11, 1995 - WPWA-1590, ASTON, PA. The DX test from this station was a no-show, as the station's president, with whom the test was arranged, left for vacation in Florida that morning, leaving no instructions behind for anyone to do a test. It was rescheduled for February 5th.

SUNDAY, DECEMBER 17, 1995 - WGDN-1350, GLADWIN, MI. Not well heard, the station used a highly directional antenna pattern which beamed most of the signal to the North. Several reports were received for this test, which did include Morse code.

MONDAY, DECEMBER 18, 1995 - WCGW-770, VERSAILLES, KY. NRCer Tom Mulvaney agreed to repeat his DX test from last year, this time for IRCA. Better propagation conditions this time around, and quite a few reports were received - even from Jamaica!

MONDAY, DECEMBER 18, 1995 - WVLC-590, LEXINGTON, KY. Widely heard, WVLC received about 15 reception reports for their DX test, which included Morse code.

SATURDAY, DECEMBER 30, 1995 - CKGY-1170, RED DEER, AB. This test did run, as several receptions from the Western U.S. were noted. Unfortunately, the station manager insisted on staying on their nighttime directional antenna pattern, or the test would have been more widely heard.

SATURDAY, JANUARY 6, 1996 - WIBG-1020, OCEAN CITY, NJ. A low power gem on the Atlantic Coast, this test got out better than expected underneath KDKA. It even made it all the way to Memphis, TN. Unfortunately, despite assuring your CPC chairman many times that verifications would soon be forthcoming, no QSLs have been reported for this DX test.

MONDAY, JANUARY 8, 1996 - WOOW-1340, GREENVILLE, NC This test was a no-show, due to the Winter storm that swept through the South and East. Former IRCA member and WOOW CE Eugene Underwood was kind enough to call your CPC chairman at home the day before, and it was rescheduled for February 5th.

MONDAY, JANUARY 8, 1996 - WARM-590, WILKES-BARRE, PA. Well-heard throughout the East, even on a directional antenna pattern, this test included Morse code IDs.

MONDAY, JANUARY 15, 1996 - WWLS-640, NORMAN, OK. This guy really got out! Even though they were using their directional night pattern, they received over a dozen reports, and made it all the way to the East Coast, and West Coast, too.

MONDAY, JANUARY 15, 1996 - KBOZ-1090, BOZEMAN, MT. This test was a no-show, and was rescheduled for February 12th.

SATURDAY, JANUARY 20, 1996 - WANM-1070, TALLAHASSEE, FL. Running 10,000 watts nondirectional with Morse code, WANM was heard far and wide - even all the way to Oregon and Washington!

TUESDAY, JANUARY 23, 1996 - KLTC-1460, DICKINSON, ND. Even though when this test was arranged to be run on a daytime non-directional antenna pattern, it wasn't. During the test, your CPC chairman called the station, and inquired with the board operator about the test status. It was being run, including the Morse code IDs. However, he had not been left any instructions to do anything different concerning the antenna pattern. Heard in the North Central U.S. only.

MONDAY, JANUARY 29, 1996 - KGYN-1210, GUYMON, OK. Even though this test was confirmed via phone a couple of days before the test, it was heard with nothing but regular programming during the scheduled test time. A few DXers, however, reported hearing tentative Morse code during the hour PRIOR to the scheduled time.

MONDAY, FEBRUARY 5, 1996 - WPWA-1590, ASTON, PA. This rescheduled test was on, however, the tape they played for the test did not include any Morse code - even though the station's response to our CPC request indicated that they would. Not only that, but the station IDs and announcement mentioned that they were testing for the NATIONAL Radio Club! Evidently, they ran the test tape from a couple of years prior, when they tested for NRC. This one would have been heard more widely heard if there had been Morse code, as was arranged.

MONDAY, FEBRUARY 5, 1996 - WOOW-1340, GREENVILLE, NC. This test was cancelled again, due to yet another Winter storm to roll through the South. It was rescheduled again for March 18th.

MONDAY, FEBRUARY 5, 1996 - WABB-1480, MOBILE, AL. A really well-done test, this one was also widely heard. Including Morse code, professional quality IDs mentioning IRCA, and some really great rhythm and blues music, WABB was received all throughout the Eastern & Midwest U.S., and parts of the West. Even heard in Alberta and Jamaica.

SATURDAY, FEBRUARY 10, 1996 - WTCY-1400, HARRISBURG, PA. Including Morse code, this graveyarder DX test was heard mainly in surrounding states only, although one correct reception was reported from Illinois.

MONDAY, FEBRUARY 12, 1996 - WNNC-1230, NEWTON, NC. Another graveyarder, this one got out surprisingly well, being heard as far away as Illinois and Memphis, Tennessee. Reception reports were quickly verified with a letter. WNNC's sister station, WIRC-630, tested for IRCA the following Monday (see February 19th).

MONDAY, FEBRUARY 12, 1996 - KBOZ-1090, BOZEMAN, MT. The KBOZ test was heard exceptionally well throughout the West, as expected, and many reception reports were received from East of the Mississippi, as well. Interestingly, the country music was heard at a higher volume than the Morse code which was played during the test!

SATURDAY, FEBRUARY 17, 1996 - WBSR-1450, PENSACOLA, FL. A real disappointment here. The response we received from WBSR stated that the test would run for an hour, and include Morse code inserted in between songs. When your CPC chairman called to confirm the test, WBSR's CE stated that they would not be able to run anything more than one Morse code ID, inserted next to their top-of-the-hour ID. What's more, they had scheduled this ID to run a few minutes BEFORE the scheduled start time! Not surprisingly, no loggings were reported on the WBSR test. E-Mail received from their CE a week or two after the test confirmed that the code ID did run, that they were hoping it was well-heard, and wondered why they had not received any reception reports. We wonder, as well.

MONDAY, FEBRUARY 19, 1996 - WIRC-630, HICKORY, NC. The sister station to WNNC-1230 (see February 12th), this test also include Morse code, and was well-heard throughout the East. Reception reports were quickly verified by a letter.

SATURDAY, FEBRUARY 24, 1996 - CJYQ-930, ST. JOHN'S, NEWFOUNDLAND. Another disappointment. The response we received agreeing to do the test from Program Director Andy Newman stated that test, which would include Morse code, would be run at a power of 50,000 watts using a non-directional antenna pattern. When called to confirm the test, Mr. Newman went into a song & dance about how he didn't think they could do this, since it would take the CE to do it, and that he comes from out-of-town, etc. etc. No loggings of this test were reported, even by DXers in the extreme Northeastern U.S., who reported exceptionally good conditions to the Maritimes.

SATURDAY, FEBRUARY 24, 1996 - WTLA-1200, UTICA, NY. Received well throughout the East, even under WOAI, this test included Morse code, test tones, and specially-recorded voice IDs. Despite promises to do so, and plenty of followups, CE Dave Doughty has yet to answer anyone's reception reports. He's still their CE, so you can direct your followups to him at the WTLA address.

MONDAY, FEBRUARY 26, 1996 - KSIM-1400, SIKESTON, MO. A no-show last year, and one this season, despite confirmation via phone the Friday before the test.

SATURDAY, MARCH 2, 1996 - KBRT-740, AVALON, CA. Located on historic Santa Catalina Island off the California coast, the KBRT test, which was run using 10 kw and a daytime pattern, really got out well, and was heard coast-to-coast. CE Gary Bloodworth was surprised, and pleased to receive over 2 dozen reception reports - which he promptly answered with a very friendly verification letter.

MONDAY, MARCH 4, 1996 - KBSU-730, BOISE, ID. Another well-heard test, due to 15,000 watts and a non-directional antenna pattern, KBSU include Morse code in the test, helping 'em to become yet another IRCA DX test to be heard coast-to-coast.

MONDAY, MARCH 11, 1996 - WCMB-1460, HARRISBURG, PA. Another test that got out well, this one included Morse code, plus lots of sounders and liners. Although it took a while, reception reports were verified with an attractive certificate. Unfortunately, your CPC chairman has yet to receive his, despite a couple of followups.

MONDAY, MARCH 11, 1996 - KNOR-1400, NORMAN, OK. This test include Morse code, and was heard reasonably well, even as far as Alabama and Minnesota.

MONDAY, MARCH 11, 1996 - KLVI-560, BEAUMONT, TX. With Morse code and lots of voice ID's, this station's test was received mainly in the Eastern and Midwest U.S., no doubt due in part to the use of a directional antenna pattern.

MONDAY, MARCH 18, 1996 - WOOW-1340, GREENVILLE, NC. Finally the weather cooperated and allowed this test to run, which included Morse code. Not well heard, with only a couple of receptions reported from within NC, and a couple of adjacent states.

MONDAY, MARCH 25, 1996 - WSBA-910, YORK, PA. Run in conjunction with a regularly scheduled Proof-of-Performance test, WSBA was heard well throughout the East. The first 30 minutes or so consisted of test tones only, but lots of Morse code IDs were heard during the second half of the test. Reception reports were verified with a QSL card and letter.

MONDAY, APRIL 1, 1996 - KNIR-1360, NEW IBERIA, LA. This test was heard surprisingly loud, with piercing Morse code IDs. Conducted by former NRC member Scott Seagraves (a.k.a. "The Swamp Angel Dxe").

MONDAY, APRIL 1, 1996 - WTbQ-1110, FLORIDA, NY. Not well heard, and only one reception was reported in the DX club bulletins.

SATURDAY, APRIL 6, 1996 - KFNW-1200, FARGO, ND. This one GOT OUT!!! With blistering Morse code IDs and a powerhouse 10,000 watts, it was heard in the East, in the West, and all parts in between. Your CPC chairman was told by the Engineer at WOAI in San Antonio, that they would have a scheduled silent period during at least a portion of the KFNW test period, but for some reason, WOAI did not go off.

MONDAY, APRIL 8, 1996 - KSWM-940, AURORA, MO. The last test for the DX season, it included Morse code, country music, and voice IDs. Heard sporadically throughout the Central U.S. and parts of the East, on a crowded channel.



DX Worldwide - West

PAT MARTIN PO BOX 843 SEASIDE, OR 97138

Time: UTC

Phone (503) 861-3185

DEADLINE: TUESDAYS

Here is the 2nd short column. Things should be back to normal next week. Following are a few more tips.

TRANS-PACIFIC DX ROUNDUP

- 531 JAPAN, Morioka, JOQG good on top of UNID Filipino at 1357 9/26.
Man w/JJ talk (PM-OR)
PHILIPPINES, UNID Tagalog talk u/JOQG at 1357 9/26 (PM-OR)
- 540 AUSTRALIA, Longreach 4QL good w/ABC News at 1400 9/24 (PM-OR)
- 549 AUSTRALIA, Orange 2CR fair //540 1401 9/24 (PM-OR)
- 630 AUSTRALIA, Townsville 4QN good on top at 1403 9/24 (PM-OR)
- 639 PHILIPPINES, UNID, strong Filipino w/man in Phil. dialect, didn't sound Tagalog at 1400 9/23. Then at 1404 "Hawaii Five-Oh" mx, no ID caught. (PM-OR)
- 738 TAIWAN, Kaosuing, BEL2, Fishery station here with YL in Taiwanese, possibly "Miss Wu" o/Aussie 1418 9/23 (PM-OR)
- 801 TAIWAN?, YL in CC quite strong in 800 splash 1421 9/23 (PM-OR)
PHILIPPINES, UNID man in Tagalog w/Sports report, but lost before I could catch ID 1423 9/23 (PM-OR)
MALAYSIA?, Malay sounding language with man in what sounded like prayers at 1347 9/23 (PM-OR)
- 864 REPUBLIC OF KOREA, Kangnung, HLKR, good on top of channel with EE man sounded American w/ Nx in EE at 1351 9/24 (PM-OR)
- 909 MALAYSIA, Sibu, Sarawak woman in Malay w/Nx at 1403 9/23 (PM-OR)
- 1062 PHILIPPINES, UNID man Filipino in jumble at 1346 9/23 (PM-OR)
- 1107 PHILIPPINES, man in Filipino in jumble at 1348 9/23 (PM-OR)
- 1143 PHILIPPINES, VOA back on channel this year noted with nx in EE 1411 9/23, QRM de Taiwan, BEL3 (PM-OR)

REPORTER THIS TIME

PM-OR YOUR EDITOR
Drake R8, Term. "U" antenna, Ground system

IRCA Stationery

Red and black masthead with the IRCA logo and name. Great for using when writing for verifications. 100 sheets, \$5.00. Order from the IRCA Bookstore, by sending \$5.00 (in US funds) to:

IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!



WESTERN DX ROUNDUP

Nancy Johnson
979 Neptune Boulevard
Billings, MT 59105-2129

 **PRODIGY**
MPNN49B

Electronic Mail: Internet: **WDXR@aol.com**

America On Line: **WDXR** Compuserve: **74444,3075**

Prodigy: **MPNN49B**

WDXR DEADLINES: Each Saturday, Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

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Hammarlund HQ-150, Sanserino air-core box loop & KIWA loop
- (NP) Nigel Pimblett-1146 Queen Street-Medicine Hat, AB T1A 1B4
R-5000 and R-8A, with 1000' Beverage at 260 degrees
- (PT) Pete Taylor-7410 63rd Ct. W.-Tacoma, WA 98467
Sony 2010
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio II, GE long-range portable, Select-Antenna

OF SPECIAL INTEREST

- 970 KBUL CA, Modesto 9/23 1000 ex-KBEE with new country format (ex-nostalgia). ID on hour "KBUL AM & FM, Oakdale," another ID 1005 "Oakdale's real country, AM 970, The Bull." (RW-CA)
- 1340 KORV CA, Oroville regarding tip in recent bulletin, I received a letter from station saying they are still KORV and not KJAZ yet. When I heard them, person at station accidentally said KJAZ when they were ID'ing. They will actually be changing to KJAZ on 9/30/96. This corrects the tip I reported in WDXR. Sorry for the wrong info! (RW-CA)
- 1400 KITZ WA, Silverdale noted back on the air 9/30 1815 with C&W and promo for Kitsap County call-in show. Called station & was informed they returned to the air 9/27. (PT-WA)
- 1450 KKBY WA, Puyallup ex-KJUN, noted with new calls 9/12 2308. During the Western Washington Fair the station carried non-stop 60 second ads with 10-30 seconds of dead air in between for Fair vendors and sponsors. 9/23 back to RS (C&W) relaying 104.9 as "The Cowboy." (PT-WA)
- 840 "KVEG" NV, Las Vegas 10/5 0755 open carrier only; programming resumed 0758. (LBG)
- 850 KHLO HI, Hilo 9/24 0900 oldies, such as "Hit the Road, Jack," ID on the hour as "8-5-Oh, KHLO," then more oldies. (NP-AB)
- 930 KRKY CO, Granby 9/29 0800 ended C&W piece and man said "This is Rocky Mountain Information Network station KRKY, Granby-Winter Park, AM 930," before CJCA took over. New. (LBG-MT)
- 940 CJGX SK, Ylrrkon 10/3 2058 strong with ads for businesses in Swan River before "GX-94" ID. (LBG-MT)
- 1140 CFXL AB, Calgary 9/30 very strong at 1001. Man ID'd, then said to "Turn your radio dial now to 1280, CHR.B." CFXL is to go to FM soon, and CHR.B is to switch to 1140. (LBG-MT)
- 1280 KIT WA, Yakima 9/27 2205 Mariners baseball, ads for Yakima businesses after the first inning. (NP-AB)
- 1320 KFNZ UT, Salt Lake City ex-KCNR 9/30 1000 strong with local sports talk program. Man ID'd as "All sports 1320, K-Fan...set a button on your radio, KFNZ, Salt Lake City, home of the Utah Jazz." New on tip in WDXR. (LBG-MT)

- 1440 KMED OR, Medford 10/3 on top at 0858. Man said "...memories, KMED," then nostalgia music. (LBG-MT)
- KODL OR, The Dalles 10/4 0804 rather weak but dominant. Man said "KODL, Radio Oregon Trail," then into C&W. (LBG-MT)
- 1450 KBFI ID, Bonners Ferry 10/5 0900 weak but stop the jumble, with legal ID. KGRZ off. (LBG-MT)
- KVSI ID, Montpelier 10/1 ended ABC Sports, gave local weather, call ID at 1016, then into C&W. New. (LBG-MT)
- KMMS MT, Bozeman 10/1 2100 atop KCLX. Man mentioned "Your season ticket to... sports, AM 1450, KMMS, Bozeman." Then into CNN radio news. (LBG-MT)
- KMSL MT, Great Falls 10/4 2059 ID as "Great Falls News Radio," with KGRZ off. (LBG) (KGRZ) MT, Missoula noted off 0750 10/1 and will remain off through 10/7 or 10/8 while moving transmitter. (LBG-MT)
- KLBM OR, La Grande 10/5 on top with "OK Gold" ID 2359, and call ID 0400. (LBG-MT)
- KBFS SD, Belle Fourche 10/1 weak but readable with location part of legal ID, with KGRZ off. New. (LBG-MT)
- KEYY UT, Provo 10/5 0500 with relig. program promo & ID by woman. (LBG-MT)
- KCLX WA, Colfax 10/1 2000 ID for KCLX and 99.5 KZZL-FM in Pullman-Moscow, very strong with KGRZ off. (LBG-MT)
- KBBS WY, Buffalo 10/4 0759 s/on very weak but on top, with KGRZ off. (LBG-MT)
- 1480 KRXR ID, Godding 9/23 0655 good over KYOS with ID "1480, KRXR" into oldies. Haven't heard this strong at night before. (RW-CA)
- 1540 KBLV WA, Bellevue after several months of nondescript R&B, 9/23 1400 noted back with C&W. relaying KKBY-FM 104.9. However, some talk noted that afternoon. On 9/30. however, noted the new Nightingale-Conant motivational format on full time. 2200 there was no break and the pre-recorded ID was played over program content. Called station but got only unreadable computerized voice. Uses slogan "The Personal Achievement Station." (PT-WA)

UNIDS

- 1450 10/1 0800 man seemed to say "It's 8 a.m. on your good time oldies station, KPJA AM and FM..." But there are no K-calls on EDT on this frequency. (LBG-MT)
- 1450 10/1 2300 ID sounded something like KLIV or KLRD. (LBG-MT)
- 1450 10/1 2300 ID sounded like WBMS. Remote possibility it was KGNS-TN. (LBG-MT)
- 1610 9/27 2145 TIS with woman announcer reading message about camping & recreation in the Lewis and Clark Lake area. Gave phone numbers for both SD and NE. SD? (NP-AB)

We are weekly now. so be sure to send your tips to either Lee, John, or myself. We would like to hear from you!

GEOMAGNETIC INDICES

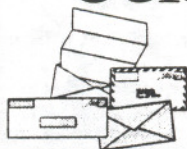
Tabulated from WWV at -0518 GMT nightly

Geomagnetic Summary October 3 1996 through October 9 1996

GEO - Geomagnetic activity	pca - polar cap absorption
maf - major flare	SA - Solar Activity
mas - major storm	spe - satellite proton event
mis - minor storm	ss - severe storm

Date	FLUX	A	K	SA	GEO	OTHER
10/ 3	70	9	1	very low	quiet-active	-
4	69	8	0	very low	quiet-unsettled	-
5	69	3	2	very low	quiet	-
6	69	3	0	very low	quiet	-
7	68	2	2	very low	quiet	-
8	68	7	2	very low	quiet-unsettled	-
10/ 9	68	16	2	very low	quiet-mis	-

Central DX Roundup



Editor: John C. Johnson
Internet: CDXR@aol.com

FOR THE RECORD

E-Mail: CDXR@aol.com
America On Line: JohnJ53816
Deadline: Saturdays

Snail-mail: 979 Neptune Boulevard, Billings, MT 59105-2129
CompuServe: 74444,3075
Prodigy: MPNN49A
Please report all times as Eastern.

RIDING GAIN

- [SA-MB] **Shawn Axelrod**, Winnipeg, Manitoba, Canada.
Icom IC-R70 with filter mods and Palm board.
4' box loop, Quantum loop, 100' longwire.
- [CAD-TX] **Charles A. Dobbins**, Houston, Texas.
Radio Shack DX-160, 80m inverted V antenna, MFJ-956 tuner. Sony ICF-SW7600.
- [NJ-MT] **Nancy Johnson**, Billings, Montana Nancy_Johnson@prodigy.com
Icom IC-R71A, Yaesu FRG-7, Lafayette HE-30, GE Superadio III,
2 "Radio West" Loops. Or the radio in the 1995 Mustang. ☺
- [TN-WI] **Tim Noonan**, Madison Wisconsin. Tnoonan@csd.uwm.edu
Drake SW-4A, "Radio West" loop.

DOWN THE DIAL

- 620 **KTAR** AZ, Phoenix. 9-29 fair in CKCK null. 0759 with a clear KTAR ID. New. [SA-MB]
- 690 **WTIX** LA, New Orleans. 9-17. 2244 with call-in talk show with phone number 260-9849.
2300 with NBC News. [CAD-TX]
- 710 **KURV** TX, Edinburg. 9-18 u/KGNC. 0730 with promos for Farm Bureau program, "Queen s
Contest" and a "7-10 cruise." "The KURV Morning Report continues..." TC, local
weather. [CAD-TX]
- 840 **KVJY** TX, Pharr. 9-19. 2023-45. Texas Rangers vs. Seattle Mariners game. By 2040
WHAS covered KVJY. 2045 lost KVJY most likely due to power change. [CAD-TX]
- 860 **KKOW** KS, Pittsburg. 9-19. 2125 with station ID during Kansas City Royals vs. Cleveland
Indians baseball game. [CAD-TX]
- 930 **WKY** OK, Oklahoma City. 9-19. 2206 with station ID "AM 930 WKY" into Ollie North talk
show. [CAD-TX]
- 1020 **KCKN** NM, Roswell. 9-18. 0725 out of Brook Benton song with promo for KCKN's Ag show
Mountain TC, back into music. [CAD-TX]
- 1090 **KKYN** TX, Plainview. 9-19. 2100 with ID "The mighty 10-90 KKYN Plainview" during PBP
of Texas Rangers vs. Seattle Mariners baseball game. Still trying to get a verie from
them. [CAD-TX]
- 1260 **KWYR** SD, Winner. 9-27 good o/u/WIBV. 2141 with Winner Warriors vs. Stanley football.
South Dakota mentions, "Country 1260" slogan, but no call ID. [TN-WI]
- 1280 **KRRF** CO, Denver. 9-28 good in CIFX null. 0755 with BBC programming and ID on the
hour. This is EX-KXKL and new for me. [SA-MB]
- 1360 **KMRN** MO, Cameron. 9-27 fair. 2222 late sign off after high school football game. [TN-WI]
- 1460 **WXOK** LA, Baton Rouge. 9-17. 2144 with "WXOK Baton Rouge" legal ID into rap. [CAD-TX]
- 1530 **KWTR** TX, Austin. 9-12 quite weak for 10kW, possibly in their null here. 2014-2030.
Twelve hours per day this station broadcasts weather for the Central Texas area.
Slogan "River Radio AM 1530." [CAD-TX]
- 1580 **KGAL** OR, Lebanon. 9-24. 0159 with spot, 0200 ID "You're listening to the talk of the
valley, AM 15-80 KGAL Lebanon, Albany, Corvallis" into network news. [NJ-MT]
(Nancy, nice catch! I haven't heard them yet on this new frequency! John.)

25 YEARS AGO

October 23, 1971 issue of IRCA's "DX Monitor" - Rick King of Winnipeg, MB said his best catch so far was KRDS - Harold A. Neimanis of Buffalo, NY said he was 42 and has heard 26 states - Bruce Portzer of Seattle, WA said so far in the new season he has logged 81 stations - Steve Kamp of San Jose, CA recently logged South Korea's HLKA-710. Mentioned he has logged 27 countries.

OPEN MIKE

If things appear to be going well, you have overlooked something. We are well into the new DX season now. Don't forget to send in those loggings! You may want to join the fun of the DX contests this year also. Just a reminder, no phone calls to Nancy nor I before 1300 eastern. Both of us sleep late due to our work schedules. Let's all wish Nancy a Happy Birthday! (October 21st) 73, John.

IRCA CONTESTS



Nancy Johnson
979 Neptune Blvd.
Billings, MT 59105-2129

 **PRODIGY**
MPNN49B

I have had some questions concerning the 1996-97 contests, so will now try to clear up some of the confusion.

Many people have asked which are local channels, domestic (or regional) channels, and clear channels. There are six local channels: 1230, 1240, 1340, 1400, 1450 and 1490. 41 channels are regionals: 550-630, 790, 910-930, 950-980, 1150, 1250-1330, 1350-1390, 1410-1440, 1460-1480, 1590 & 1600. There are 60 clear channels: 530 & 540, 640-780, 800 & 810, 830-900, 940, 990-1140, 1160-1220, and 1500-1580. Any station heard on a clear channel will receive the clear channel bonus of 10 points, it doesn't matter if it is 50,000 watts or 1000 watts, the points will be the same. The 11 expanded band stations (which will count as clear channel stations this year) are on 1610, 1620, 1630, 1640, 1650, 1660, 1670, 1680, 1690, 1700 & 1710.

Substitutions are allowed. In the domestic contest if you hear a station worth more points after an entry for that particular state has been sent, you can replace the first station with the second and receive the larger point total. If you do this, please let me know that the station you are reporting is a replacement! Otherwise, I will think that you just didn't realize you had reported that state previously, so I will not count the second station.

One person asked about the city of license for a station. Yes, when sending an entry for either the domestic or the foreign contest, include the city of the station.

The question came up where if you tentatively hear a station (no call ID), send a reception report and receive a verie back in time to submit within the required time, would that count? I've decided that if that should happen, you can count it as long as you send me a copy of the verie. The copy of the verie will prove to me that you actually did hear the station in question.

Any other questions concerning the contests? If so, let me know. Next month's contest report will have the first standings of the season. I hope that your name will be on the list!

IRCA Stationery

Red and black masthead with the IRCA logo and name. Great for using when writing for verifications 100 sheets, \$5.00. Order from the IRCA Bookstore, by sending \$5.00 (in US funds) to:

IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!



Eastern DX Roundup

Editor: LEE FRESHWATER
414 SE 3rd ST
OCALA FL 34471

Welcome to the "Southern Addition of EDXR..Perhaps we should re-name it SDXR ? Thanks to Lynn & J.D. for their efforts this week. On w/the show *****

STARS OF THE WEEK

- (LF-FL) your editor Hammarlund HQ-180A Patomic FIM41 Kiwa Loop and various L.W's
- (JD-AL) J.D. Stephens 106 Anita Drive, Madison, Al 35758-7163
Drake R-8, SRII , Panasonic RF-2600, Radshack dipole, Shotgun Loop, 75' l.w. VIA E-MAIL
JSteph6711@aol.com
- (LH-AL) Lynn Hollerman 514 Carrsbrook Rd, Huntsville, Al 35803
YB-400, DX-440, SRIII w/ q-stick VIA E-MAIL

LOGGINGS

- 680 WJCet TN Memphis 10/08 0010 "The Juice, AM-6-80" into "Ain't No Sunshine When She's Gone" (LH-AL)
- 970 WAVE KY Louisville 10/07 0209-0221 Lots of MYOL mx, ID, ads for "WAVE Radio ads", AAA Kentucky, ments of "WAVE 9-70 and AM 14-50 WXBW cash call" (LH-AL)
- 1020 WJEP GA Ochlocknee 10/02 0845-0915. Fair w/Chuck Swindoll's "Insight For Living", slogan as "The Voice of Love WJEP" into more spiritual talk programming. (JD-AL)
- 1170 WMLB GA Cumming. 10/03 1855-1900. Strong over KVOO w/C&W mx, ID as "This is Mountain Lakes Radio. AM 1170 WMLB, Cumming.", then off. (JD-AL)
- WPLX TN Germantown. 10/02 1820-1855. Fair w/NOS programming, weather fx, caught "1170 WPLX" ID, swamped by KVOO at 1855. (JD-AL)
- 1570 WTRB TN Ripley 10/05 0029 mixing w/WONA during try for WYTI Test. Up with liner for "W-T-R-B" then back in the mix (LF-FL)

SPECIAL INTEREST

- 1360 WAZU OH Cincinnati- From a message in rec.radio.broadcasting, WAZU-AM broadcasts from Cincinnati and is no longer children's programming, but my logs clearly show both a WACE (Cincinnati) ID and a WAZU (Cincinnati) ID heard on this frequency. I heard sports (that IDed as WACE) and Talk (that IDed as WAZU)- which is it? (LH-AL)

UN-IDEN:

- 980 ???? ?? 10/07 0215 While trying for WAPF test, Heard Lite Ac or R&B oldies with a liner for what "Sounded" like W-O-N-E. Have they changed format from Country ??? (LF-FL)
- 990 ???? ?? 10/07 0226 Sports rpt- gave # 1-800-878-1509 (LH-AL)
- WYFN ?? 10/07 2359 ID, USA nx, ments of FL. Who ?? (LH-AL)
(Only 2 stns in FL that I know of are WHOO-Orlando w/NOS and WFBA-Miami. Miami is a CP that I don't think is even on the air yet....Anyone help ???-ed)
- 1580 WYMT ?? 10/05 0019 ID, into sports nx. Not at all sure of calls. (LH-AL)

HELP WITH UNID

- 1160 WJSJ NC 10/07 0240 Logged here with good ID as "1160 AM is

where your dial is set..W-J-S-J Columbus, North Carolina" into Gospel Mx. Must be a call change as it doesn't match what my database shows, but the Columbus NC matches JD's logging of last week. And Columbus is near Tryon, NC. (LF-FL)

DX TESTS

980 WAFP MS McComb 10/07 0200-0230. IRCA DX Test. Not a peep, and channel relatively clear. Other reports say "not heard" Suspect a no show, despite confirming the test of Friday. (JD-AL)
WAFP MS McComb Not heard (LH-AL)
WAFP MS McComb Not heard (LF-FL)
1570 WYTI VA Rocky Mount 10/05 0000-0030 IRCA DX Test. Suspect another "No Show" as not a peep on a pretty quiet channel. Other DX'ers report "not heard" as well. Despite a phone confirmation just 8 hours before the test. (JD-AL)
WYTI VA Rocky Mount Not heard (LH-AL)
WYTI VA Rocky Mount Not heard here either. Did notice that WONA-Winona, MS was audible with fair signals again. (LF-FL)

A somewhat s-l-o-w week here DX wise. The first weekend of DX tests were a bit dis-appointing and I will be out of town for the 10/12 & 14 tests. "Finally" got a long weekend away from the radio stations. However I am taking the Patomic with me. More later..All the best...see you in 7.....fresh

EASTERN	Richard C. Evans
DX	2821 Shadblow Lane, Apt. 24 West Columbia, SC 29170-3158
FORUM	
DEADLINES: SATURDAYS	Phone: 803-926-9809

Rick Evans, 2821 Shadblow Lane, #24, West Columbia, South Carolina 29170
Another week, another couple dozen new stations heard, hi: Actually, it was 26 over the weekend to bring my heard total up to 101. from the US and Canada. Last week, I had a two digit number and this week it's a three digit number. I don't expect it to be three digits next weekend, however. I've been hearing SS at various spots on the dial (and it sounds like a couple of FF stations mixing in there as well) but I haven't bothered to stick around to see who they are since all my old bulletins are packed away for the next month. I've also heard enough "One on One Sports" stations that I could scream... Quite a few of what are going into the log are the high powered clears, of course, but also quite a few are the old time regionals I used to hear all the time from Kalamazoo and Gary. WWKB-1520 Buffalo was one I hadn't heard since I left the Philadelphia area nine years ago. Also in fairly well were WING-1410, WTOU-1350 (ex-WSLR, now "The Touch" with soft listening music), WHK-1420, WAZU-1360 (at one time, it was WSAI, for us old-timers), and WJJD-1160. I was extremely worried before I moved here after learning that Columbia had 6 AM stations, but I am definitely starting to relax about it now. Even with the Superadio II and no external antenna, I am finding that at night I can hear stations adjacent to my locals, and, in one case last night, I was partially nulling out the local and I didn't realize who I had until they ID'ed. I have seen some of the towers now and they seem to be in northwest Columbia, up around the Fort Jackson area, which is the opposite side of town from where I am now. By the way, Karl Jeter's report of a couple weeks ago came in handy last week when I went over to register to vote. I used it to help establish my residence, hi. See you in seven days...

HEARING IT THROUGH THE GRAPEVINE

SHAWN AXELROD 30 BECONTREE BAY
WINNIPEG MB R2N 2X9 204-253-8644
E-Mail saxelrod@mb.sympatico.ca



CONTRIBUTORS

Mark Connelly DX'ing at Cape Cod MA Via E-Mail ** First E-Mail contribution**
Mike Sanburn p o Box 1256 Bellflower CA 90707
Thomas Reiser Box 5203 Chicago IL 60680-5203

BANDSCAN MANIA

Mark Connelly / WA1ION

Daytime Groundwave Bandscan - Harwich, Cape Cod, MA G.C. = 70.02 W / 41.71 N (several monitoring sessions 1994 - 1996) Most receptions were made on a Drake R8A and two 60 m longwires phased through an MWDX-6 (or DL-2) phasing unit. Some logs were made with the RTL-2 loop controlled by the MWT-3 regenerative tuner / controller. Signal strengths in the groundwave bandscan are rated on a relative 0 - 5 scale: 0 = carrier in noise, 1 = weak audio, 2 = poor, 3 = fair / good, 4 = good / very good, 5 = excellent. * = with dominant nulls (phased wires or loop). (Weak signals on the loop can actually be fair to good on the amplified phased wires.) Most receptions listed as "tentative" have been positively ID'ed from nearby sites such as West Dennis Beach and Chatham Light. SILENT STATIONS: These formerly-loggable stations have recently gone off the air and are not included below: WDMV-540 (MD), CJSB-540 (ON), CFNB-550 (NB), WFST-600 (ME), WBIV-1060 (MA), CJRP-1060 (PQ), CJTR-1140 (PQ), & WCEG-1530 (MA).

FREQ. |SIG.|CALL |ST|LOCATION, COMMENTS

530	1	R.V.C.		Turks & Caicos Islands	630	* 2	CHLT	PQ	Sherbrooke
530	0	WPHG709	MA	Weston: Mass. Turnpike Authority TIS	640	3	WNNZ	MA	Westfield
540	3	WLUX	NY	Islip	640	* 2	WWJZ	NJ	Mount Holly
540	* 1	CBT	NF	Grand Falls	640	* 1	CBN	NF	St. John's
550	4	WPNW	RI	Pawtucket	650	0	unID's ??		presumed carriers from NF & TN
550	* 2	WDEV	VT	Waterbury	660	4	WFAN	NY	New York
560	5	WGAN	ME	Portland	680	5	WRKO	MA	Boston
560	* 3	WHYN	MA	Springfield	690	3	CBF	PQ	Montreal
560	* 1	unID's ??		PA & NC ??	690	* 2	WADS	CT	Ansonia
570	4	WMCA	NY	New York	690	* 1	WPDQ	FL	Jacksonville
570	* 2	CJEM	NB	Edmundston	(tentative)-				logged @ nearby site
580	3	WTAG	MA	Worcester	700	5	CHSJ	NB	St. John
580	* 1	CJFX	NS	Antigonish	700	* 1	WCAT	MA	Orange
590	5	WBNW	MA	Boston	710	4	WOR	NY	New York
600	3	WICC	CT	Bridgeport	720	3	CHTN	PI	Charlottetown
600	* 1	CKCL	NS	Truro	730	5	WJTO	ME	Bath
610	4	WGIR	NH	Manchester	730	* 2	WACE	MA	Chicopee
610	* 2	WIP	PA	Philadelphia	740	3	WJIB	MA	Cambridge
610	* 1	CHNC	PQ	New Carlisle	740	* 2	WGSM	NY	Huntington
620	4	WZON	ME	Bangor	750	1	CBGY	NF	Bonavista Bay
620	* 3	WSKQ	NJ	Newark	760	4	WVNE	MA	Leicester
620	* 1	WVMT	VT	Burlington	760	* 1	WCHP	NY	Champlain
630	4	WPRO	RI	Providence	770	3	WABC	NY	New York
630	* 3	CFCY	PI	Charlottetown	780	3	CFDR	NS	Dartmouth

780	* 1	WABS	VA	Arlington	1030	5	WBZ	MA	Boston
790	4	WLKW	RI	Providence	1050	4	WEVD	NY	New York
790	* 2	WTAR	VA	Norfolk	1050	* 1	WBNC	NH	North Conway
790	* 1	WRUM	ME	Rumford	1050	* 1	WCMS	VA	Norfolk
800	4	WCCM	MA	Lawrence	1060	1	KYW	PA	Philadelphia
800	* 2	CJAD	PQ	Montreal	1070	3	CBA	NB	Moncton
800	* 1	CHRC	PQ	Quebec City	1070	* 2	WZBZ	NY	Plattsburgh
810	3	WGY	NY	Schenectady	1070	* 1	WNCT	NC	Greenville
810	* 1	CJVA	NB	Caraquet	1070	* 1	WKMB	NJ	Stirling (tentative)
810	* 1	WYRE	MD	Annapolis	1070	* 1	WKOK	PA	Sunbury (tentative)
820	3	WNYC	NY	New York	1080	3	WTIC	CT	Hartford
830	4	WCRN	MA	Worcester	1090	5	WILD	MA	Boston
840	1	WRYM	CT	New Britain	1090	* 1	WBAL	MD	Baltimore
850	5	WEEI	MA	Boston	1100	2	WHLI	NY	Hempstead
850	* 1	WNIS	VA	Norfolk	1110	3	WHIM	RI	Providence
850	* 1	CKVL	PQ	Verdun	1110	3	WNNW	NH	Salem
860	2	WSBS	MA	Great Barrington	1120	2	WADN	MA	Concord
860	* 1	CJBC	ON	Toronto	1120	* 1	WBIS	CT	Bristol
860	* 1	WTEL	PA	Philadelphia	1130	4	WBBR	NY	New York
870	4	WLAM	ME	Gorham	1140	1	CBI	NS	Sydney
880	4	WCBS	NY	New York	1140	1	WRVA	VA	Richmond
890	5	WBPS	MA	Dedham	1150	4	WMEX	MA	Boston
900	4	WCLZ	ME	Brunswick	1150	* 2	WCNX	CT	Middletown
900	* 3	WMVU	NH	Nashua	1160	3	WOBM	NJ	Lakewood
900	* 2	CKDH	NS	Amherst	1160	* 2	WSKW	ME	Skowhegan
900	* 1	WSSR	DE	Georgetown	1160	* 2	WVNJ	NJ	Newark
910	3	WABI	ME	Bangor	1170	5	WKPE	MA	Orleans
910	* 1	WNEZ	CT	New Britain	1180	2	WJFJ	RI	Hope Valley
920	4	WHJJ	RI	Providence	1190	4	WLBI	NY	New York
920	* 3	CJCH	NS	Halifax	1200	4	WKOX	MA	Framingham
930	4	WZNN	NH	Rochester	1200	* 1	WNSW	ME	Brewer (tentative)
930	* 2	CFBC	NB	St. John	1210	2	WGMP	PA	Philadelphia
930	* 1	WPAT	NJ	Paterson	1220	3	WSME	ME	Sanford
940	3	CBM	PQ	Montreal	1220	* 2	WRIB	RI	Providence
940	* 2	WGFP	MA	Webster	1220	* 1	CKCW	NB	Moncton
950	5	WROL	MA	Boston	1230	5	WESX	MA	Salem
960	3	CHNS	NS	Halifax	1230	* 2	WERI	RI	Westerly
960	* 2	WELI	CT	New Haven	1230	* 2	WCMC	NJ	Wildwood
960	* 1	WFGI	MA	Fitchburg	1240	5	WUOK	MA	West Yarmouth
960	* 1	WLWV	MD	Salisbury	1240	* 1	WGBB	NY	Freeport (tentative)
970	5	WZAN	ME	Portland	1240	* 1	WTME	ME	Lewiston (tentative)
970	* 2	WESO	MA	Southbridge	1250	3	WKBR	NH	Manchester
970	* 2	WWDJ	NJ	Newark	1250	* 2	WARE	MA	Ware
980	4	WCAP	MA	Lowell	1250	* 1	WMTR	NJ	Morristown
980	* 2	WTRY	NY	Troy	1260	4	WEZE	MA	Boston
980	* 1	CBV	PQ	Quebec City	1260	* 1	unID's ??	CT & NB ??	
980	* 1	WSUB	CT	New London	1270	4	WTSN	NH	Dover
980	* 1	WWRC	DC	Washington (tentative)	1270	* 1	WSPR	MA	Springfield
990	3	WALE	RI	Providence	1270	* 1	unID's ??	VA / NS / NJ / PQ ??	
990	* 2	CKIS	PQ	Montreal	1280	3	WABK	ME	Gardiner
990	* 1	WZZD	PA	Philadelphia	1280	3	WADO	NY	New York
1000	3	CKBW	NS	Bridgewater	1280	* 2	WEIM	MA	Fitchburg
1000	* 2	WCMX	MA	Leominster	1290	2	WRCP	RI	Providence
1010	4	WINS	NY	New York	1290	* 1	WKNE	NH	Keene
1010	* 1	WPMH	VA	Portsmouth	1300	4	WJDA	MA	Quincy
1020	2	WIBG	NJ	Ocean City	1300	* 2	WAVZ	CT	New Haven
1020	2	WNTK	NH	Newport	1310	4	WLOB	ME	Portland
					1310	* 2	WORC	MA	Worcester

- 1310 * 2 | WICH | CT | Norwich
 1310 * 1 | WVIP | NY | Mt. Kisco
 1310 * 1 | WJLK | NJ | Asbury Park
 (tentative)
 1310 * 1 | WGH | VA | Newport News
 (tentative)
 1320 | 3 | WARA | MA | Attleborough
 1320 * 2 | WDER | NH | Derry
 1320 * 1 | CKEC | NS | New Glasgow
 1330 | 3 | WRCA | MA | Waltham
 1330 * 2 | WWRV | NY | New York
 1340 | 4 | WNBH | MA | New Bedford
 1340 * 2 | WMID | NJ | Atlantic City
 1340 * 2 | WWNH | NH | Madbury
 1340 * 2 | CJLS | NS | Yarmouth
 1350 | 2 | WEZS | NH | Laconia
 1350 * 1 | WINY | CT | Putnam
 1350 * 1 | WSVY | VA | Norfolk
 1350 * 1 | CKAD | NS | Middleton (tentative)
 1350 * 1 | unID'sl ?? | Norwalk, CT; Princeton,
 NJ ??
 1360 | 5 | WLYN | MA | Lynn
 1360 * 2 | WDRC | CT | Hartford
 1370 | 3 | WFEA | NH | Manchester
 1370 * 1 | WDEA | ME | Ellsworth
 1370 * 1 | WALK | NY | East Patchogue
 1375 | 0 | RFO | ?? | St. Pierre & Miquelon
 (carrier, trace audio)
 1380 | 4 | WTMM | NH | Portsmouth
 1380 * 2 | WKDM | NY | New York
 1380 * 1 | WNRI | RI | Woonsocket
 1390 | 5 | WPLM | MA | Plymouth
 1390 * 3 | WRIV | NY | Riverhead
 1400 | 3 | WIDE | ME | Biddeford
 1400 | 3 | WOND | NJ | Pleasantville
 1400 * 2 | WHTB | MA | Fall River
 1400 * 2 | WLLH | MA | Lawrence / Lowell
 1410 | 3 | WMSX | MA | Brockton
 1410 * 2 | WPOP | CT | Hartford
 1410 * 1 | CIGO | NS | Port Hawkesbury
 1410 * 1 | WHTG | NJ | Eatontown (tentative)
 1420 | 4 | WBSM | MA | New Bedford
 1420 * 2 | WASR | NH | Wolfeboro
 1420 * 1 | CKDY | NS | Digby (tentative)
 1430 | 5 | WXKS | MA | Everett
 1430 * 2 | WNJR | NJ | Newark
 1440 | 4 | WLPZ | ME | Westbrook
 1440 * 2 | WWTM | MA | Worcester
 1450 | 5 | WNBP | MA | Newburyport
 1450 * 3 | WRKD | ME | Rockland
 1450 * 3 | WFG | NJ | Atlantic City
 1450 * 1 | WKRI | RI | Warwick (tentative)
 1450 * 1 | WKXL | NH | Concord (tentative)
 1460 | 4 | WBET | MA | Brockton
 1460 * 1 | WVOX | NY | New Rochelle
 1460 * 1 | unID'sl ?? | PQ / NJ / VA / Albany,
 NY ??
 1470 | 2 | WSRO | MA | Marlborough
 1470 | 2 | WZOU | ME | Lewiston
 1470 * 1 | WMMW | CT | Meriden
 1480 | 4 | WSAR | MA | Fall River
 1480 * 2 | WZRC | NY | New York
 1490 | 4 | WPOR | ME | Portland
 1490 * 3 | WHAV | MA | Haverhill
 1490 * 2 | WUSS | NJ | Atlantic City
 1490 * 1 | WMRC | MA | Milford (tentative)
 1500 | 2 | WFIW | CT | Milford
 1500 * 1 | WTOP | DC | Washington
 1510 | 5 | WNRB | MA | Boston
 1510 * 2 | WNLC | CT | New London
 1520 | 2 | WGAM | MA | Greenfield
 1520 * 1 | WTHT | NY | Mineola
 1530 | 2 | WDJZ | CT | Bridgeport
 1530 * 1 | WOBW | NJ | Wanchese
 (tentative)
 1530 * 1 | WJDM | NJ | Elizabeth (tentative)
 1540 | 4 | WMYF | NH | Exeter
 1540 * 2 | WADK | RI | Newport
 1540 * 1 | WPTR | NY | Albany
 1550 | 3 | WNTN | MA | Newton
 1550 * 2 | WRDM | CT | Bloomfield
 1550 * 1 | WVAB | VA | Virginia Beach
 1560 | 3 | WQEW | NY | New York
 1570 | 2 | WRHD | NY | Riverhead (maybe
 silent now - not noted lately)
 1570 | 2 | WNSH | MA | Beverly
 1570 | 2 | WPEP | MA | Taunton
 1580 | 2 | WLIM | NY | Patchogue
 1580 * 1 | CBJ | PQ | Chicoutimi
 1590 | 3 | WARV | RI | Warwick
 1590 * 1 | WSMN | NH | Nashua
 1590 * 1 | unID'sl ?? | MD, PA ??
 1600 | 4 | WUNR | MA | Brookline
 1600 * 3 | WLNK | NY | Sag Harbor
 1600 * 1 | WWRL | NY | New York
 1600 * 1 | WAQY | MA | East Longmeadow
 1610 | 2 | TIS | MA | Falmouth (Steamship
 Authority)

BBC RADIO

NORTHAMPTON

your voice countywide

1107

*now in stereo on 104.2 MHz
 and 103.6 MHz in the north*

Mike Sanburn DX'ing in Ocala FL (all are in Florida except as marked)

540	WRTM	Cypress Gardens	550	WAYR	Orange Park
560	WQAM	Miami	580	WDBO	Orlando
600	WPDQ	Jacksonville	620	WSUN	St Petersburg
640	WHOF	Wildwood	680	WRMD	St Petersburg
690	WOKV	Jacksonville	720	WRZN	Hernando
740	WWNZ	Orlando	760	WBDN	Brandon
790	WLBE	Leesburg	800	WPLK	Palatka
820	WYTA	Largo	850	WRUF	Gainesville
870	WWL	New Orleans LA	900	WMOP	Ocala
930	WNZS	Jacksonville	950	WOMX	Orlando
980	WLUS	Gainesville	990	WHOO	Orlando
1030	WONQ	Oviedo	1040	WMTX	Pinellas Park
1050	WROS	Jacksonville	1060	WAMT	Titusville
1110	WTIS	Tampa	1130	WWBF	Bartow
1140	WRMQ	Orlando	1150	WTMP	Tampa
1170	WKFL	Bushnell	1260	WTUD	Palatka
1270	WHBS	Eatonville	1290	WTMC	Ocala
1310	WYND	Deland	1320	WJGR	Jacksonville
1370	WOCA	Ocala	1410	WQBQ	Leesburg
1480	WUNA	Ocoee	1520	WTLN	Orlando
1530	WOBS	Jacksonville	1550	WAMA	Tampa
1560	WTAI	Melbourne	1560	WAGL	Lancaster SC ????

Thomas Reiser Metro train Station Antioch IL with Sony 2003

560	WIND	Chicago IL	580	WILL	Urbana IL
590	WKZO	Kalamazoo MI	620	WTMJ	Milwaukee WI
640	WMFN	Zeeland MI	670	WMAQ	Chicago IL
720	WGN	Chicago IL	820	WSCR	Chicago IL
850	WAIT	Crystal Lake IL	860	WNOV	Milwaukee WI
890	WLS	Chicago IL	910	WHSM	Haywood WI
940	WFAW	Fort Atkinson WI	950	WEJM	Chicago IL
960	WSBT	South Bend IN	970	WHA	Madison WI
1000	WMVP	Chicago IL	1030	WNVR	Vernon Hills IL
1050	WLIP	Kenosha WI	1060	WHFB	Benton Harbour MI
1110	WMBI	Chicago IL	1130	WISN	Milwaukee WI
1160	WJJD	Chicago IL	1190	WMAD	Sun Prairie WI
1200	WLXX	Chicago IL	1220	WKRS	Waukegan IL
1230	WJOB	Hammond IN	1250	WEMP	Milwaukee WI
1280	WBIG	Aurora IL	1290	WMCS	Greenfield WI
1300	WTAQ	LaGrange IL	1310	WIBA	Madison WI
1380	WBEL	South Bend IN	1390	WGCI	Chicago IL
1400	WRJN	Racine WI	1410	WRMN	Elgin IL
1460	WBJX	Racine WI	1500	WKGA	Zion IL
1550	WAUX	Lake Geneva WI	1580	WTTN	Watertown WI
1590	WONX	Evanston IL	1600	WMCV	Harvard IL

I hope you have liked this special all Bandscan issue. Just seemed to make sense to keep these together so you could see the differences from different DX sites.

As you can see this editor is on line. You may send in your contributions via E-mail but please try to use the formats above to make my life a bit simpler.

We will return soon with a regular column.

REMEMBER ON A CLEAR DAY YOU CAN HEAR FOREVER

was on March 1, 1996 and local sunrise was at 16:22 UTC . There are obviously some unanswered questions about how signals are propagating if you accept that a complete darkness path is necessary in order to hear MW stations 3700 miles away. I hope to expand on these and other observations in a later article.

The following description of the program will require some small knowledge of how a PC handles files and uses a serial port, but I hope that it won't deter those who are unfamiliar with the PC.

The program initially looks at various configuration files which establish receiver settings which will be used for the duration of the data logging, such as filter width, IF gain, AGC speed, communication port used, frequencies to be logged etc. These files can be modified by using a text editor, though except for the frequency list, the settings tend to remain the same; for example, the IF filter used for propagation studies is always the CW narrow filter. The radio is then set up by sending all parameters but the frequency list to it via the PC's serial port.

The program then creates a data file which includes a header of all the frequencies to be tuned. The radio is then tuned by the PC to each frequency in the frequency list. Each frequency is monitored for approximately 100 milliseconds, and its signal strength is placed in the PC memory. The list of frequencies is scanned over and over for 10 to 60 seconds ; the time is dependent on the number of frequencies being scanned—fewer frequencies scanned means faster updating. At this point, an average signal strength for the previous 10 to 60 seconds is generated and written to the data file along with a time stamp generated by the PC clock. The frequency scanning and signal strength recording continues until the user sends a "quit" command (Ctrl-Q) from the keyboard, or until a new hour starts. In the latter case, the last hour's data file is updated and closed, and a new file is started. Therefore, no data file is longer than one hour.

This program was first used on a ship in the North Pacific Ocean, hundreds of miles away from interfering domestic signals. Especially after sunrise, as in the above chart, the signal strengths recorded are pretty much accurate, but during the night, it was found that domestic sideband splatter could cause havoc with the recorded signal strength. A smoothed average of recorded signal strength on a given channel still gives a pretty accurate representation of relative signal strength, so you can see the DX fade in, vary, and fade out, but better results are obtained if a frequency one kilohertz away from each 9 kHz channel is also recorded (plus or minus depending on where the nearest 10 kHz channel is found). This is far enough away to be out of the filter passband, but near enough to have quite similar splatter characteristics. When the file is moved into the spreadsheet, this splatter signal strength can be subtracted from the signal strength found on the desired channel itself. Often, the resulting relative signal strength is quite similar overall to the uncorrected strength, just weaker.

An interesting variation of the above program was also written which displays signal strength for any or all of the 9 kHz channels on the PC monitor. The strength representation for each channel is a simple bar graph display using from one to eight ASCII arrows, e.g.

531 >>>>

All 9 kHz channels can be displayed on one screen this way, which makes it a very useful tool, especially on DXpeditions. It shows at a glance which channels have had above average signal strengths in the previous sampling period which can be up to two minutes, if the entire band is being sampled. Sometimes it's frustrating, as you tune in just as the signal fades

down, but it does give a clear picture of where the hot spots are during an opening. Unfortunately, openings are when I would like to also record signal strengths for later analysis, so the next step is a program to record strengths as well as display them. In this program, it was important to develop a splatter cancelling algorithm similar to that described above, otherwise channels like 1071 look as if New Zealand is always booming in. There are still occasional unexplained blips of high signal strength on random channels, but overall, the program now gives a good picture of where the action is on the band.

Either program could be modified to set off an alarm which could indicate when certain signals rose above a predetermined strength, thus indicating good DX conditions to an interesting part of the world. In western North America, for example, one could monitor channels such as 693 kHz which are only likely to have an Asiatic signal, or 612 kHz which is only likely to have an Australian signal. Most likely, they would all be monitored, and the program would indicate whether an Asian or Australian opening is in progress. Note that some form of wideband antenna is needed to allow the receiver to do all this scanning, though one can use a tuned loop if only one channel is being monitored.

The DR-333 was developed in the late eighties, and is no longer available, so is this program simply an historical curiosity? Not entirely, as since that time, several communications receivers have come on the market which have RS-232 interfaces. Unfortunately, I know of only two widely available receivers that have the interface which can also deliver signal strengths back to the PC: the JRC NRD-535 and the AOR AR-7030. (The NRD-525 probably could as well, but I'm not 100% sure. The RS-232 interface is an option on that radio). Other receivers with this capability may be in the future, but for propagation studies, it's best that the receiver in question have a high quality narrow IF filter, and it would be nice to have a fast enough AGC that one could scan signals at a rate greater than the present 10 Hertz.

For those who want to look at my source code in the hope of using it with another receiver, I can send it to you on a floppy for US\$1 to help cover the floppy and mailing, or it can be sent free via the Internet (I'm at nhp@ios.bc.ca). The code was compiled using Borland Turbo C++ 2.0, but could be transferred to other compilers if you know what you're doing. (Experienced programmers witnessing the code: please keep your laughter to a dull roar!)

* * otherness * *

The Kiwa Pocket Loop is a 12.5 inch air-core loop antenna that collapses to fit in your pocket. It covers from 530 kHz - 20 Mhz, is battery powered, and enhances portable radio reception by coupling via the whip or ferrite antennas but also allows a direct connection to a high impedance antenna input. It includes a broadband noise generator to facilitate tuning. Price is \$120. Details from Kiwa Electronics, 612 So. 14th Ave., Yakima WA 98902. Telephone: 1-800-398-1146. Internet: kiwa@wolfe.net and Website at www.wolfe.net/~kiwa

Ray Moore has sent word of the Model 103 series loop antennas, which are a 24 inch square version of the 105 series described in DX Monitor of Dec 31/94. The 103 covers 460-2240 kHz and costs \$238 + \$12 shipping, while the 103A covers 1750-7300 kHz, and the 103B 1420-5120 kHz. These are \$230 + \$12 shipping. The larger loop is also available in other frequency ranges: the 105B covers 1440-5120 kHz and the 105C 150-800 kHz and are slightly more expensive than the 103 series. Further information from RSM Communications, P.O. Box 1046, Key Largo, FL 33037, telephone 305-853-0379.

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