

DX MONITOR

THE OFFICIAL
PUBLICATION
OF THE



INTERNATIONAL
RADIO CLUB
OF AMERICA

DEVOTED EXCLUSIVELY TO BROADCAST BAND DXING

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DX TESTS courtesy National Radio Club - Colorado CFC Machine - Thank You

APRIL 15th, 1991 WJ7Z-640, 640 RADIO WAY SUITE 286-B, BLOUNTVILLE, TN
37617 time 0430-0500 EST. Test will be tones, code ID's, this will be the
last portion of WJ7Z's POP test. Thanks Mitch Sandidge CE.

APRIL 22nd, 1991 WYRU-1160, BOX 711, RED SPRINGS, NC 28377 time 0540-0545
EST. Test is code ID's just before s/on at 0545. Thanks Richard Atwell.

CONVENTION: Anyone wishing to host the 1991 IRCA convention contact:Karl
Zuk for a bid form at 154 Old Post Road North, Croton, NY 10520.

GET-TOGETHER: DX get together at the home of Bruce & Evelyn Portzer on
Saturday April 6th beginning at 2 PM. Address 6546 19th Avenue NE,
Seattle WA 98115, phone 206-522-2521. DXers of all types are invited
and welcome to bring tapes, veries, etc for show & tell. At dinner time
we will pass the hat for pizza.

EDITORS and MEMBERS: There will be 3 DXMs in April due to the schedule
being incorrect last October. DXM dates are the 6th, 13th and 27th.

BALLOTS: The ballots are due back in Albert S Lobels PO Box by May 1st. I
hope all of you will vote. You have about 3 weeks before the 1st of May.

FROM THE PUBLISHERS DESK: Another error, Tim Halls name should not have
appeared on the ballot. I received a note from him stating that he had
declined the nomination for the Board of Directors. Maybe you people that
voted for Tim Hall would like to contact Albert or maybe Albert can send
your ballots back to you to be changed, that sounds ok. I will contact
Albert and have him send them back to you. And another error, this one by
old Ralph. Change the edition number on DXM 27 to read 919. Drag out the
flipper and give Albert and Ralph a smack or two.....73

BROADCASTING INFORMATION

Editor: Geov Parrish, P.O. Box 15164, Seattle, WA 98115-0164

last Seattle column will be next week * compiled 3/24/91

GOING OFF THE AIR

<u>call</u>	<u>KHz</u>	<u>power/antenna</u>	<u>state/city</u>
WTXN 910	1000/	ND-D AL PEPPERELL	was religion, now silent
WFRK 1320	500/	ND-D FL COLEMAN	was rock oldies, now silent
KPOS 1370	1000/	ND-D TX POST	was country // FM, now silent
WHNK 1430	5000/1000	DA-N TN MADISON	was country, now silent, will return soon simulcasting WIZO-1380

GOING ON THE AIR

KYJC 610	5000/5000	DA-2 OR MEDFORD	was silent, now AC // KFMJ-FM
WJUB 1420	500/	ND-D WI PLYMOUTH	was WPLY, silent, returns w/rln

NEW STATIONS

WARO 670	20000/	DA-D VA CLAREMONT	granted extension of time
WCTG 840	50000/	DA-D SC COLUMBIA	granted extension of time
WFBA 990	5000/5000	DA-1 FL MIAMI	wants extension of time
WBYG 1030	5000/	DA-D IN UNION CITY	granted CP to reinst. exp. pmt.
WMLD 1160	10000/400	DA-2 GA EAST POINT	granted CP to reinst. exp. pmt.
WNJO 1550	10000/3500	DA-2 NJ SEASIDE PARK	applies for new xmtr location

CHANGES IN EXISTING FACILITIES

WSDS 1480	3800/500	DA-2 MI YPSILANTI	wants ext. of time for move to Canton MI, increase night power to 750 w
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CALL LETTER CHANGES

(\$ means change accompanies a station sale; * check for format info)

CKEY 590	ON Toronto	is now * CKYC	KFON 1370 TX Rollingwood	is * KKMJ
CFAC 960	AB Calgary	* CKKX	KDVE 1510 TX Nederland	* KQHN

FORMAT CHANGES

CKYC 590 ON TORONTO was CKEY, rock oldies, now "Country 59"
KORD 870 WA PASCO was country // FM, now satellite rock oldies
WKDW 900 VA STAUNTON country, adds Interstate Radio Network overnight
CKXX 960 AB CALGARY was CFAC, remains country
CKXY 1040 BC VANCOUVER was CHR, now adult standards "Magic 1040"
KIOX 1270 TX BAY CITY was country, CHR, now country // FM
WNPT 1280 AL TUSCALOOSA was rock oldies, now satellite adult standards
WGLR 1280 WI LANCASTER country // FM, adds Interstate Radio overnight
KRGE 1290 TX WESLACO sale finally goes thru, was CHR // FM, now religion
KKAS 1300 TX SILSBEE was adult contemporary, now country // KWDX-FM
KKAM 1340 CA FRESNO was satellite black AC, now all news
WXCL 1350 IL PEORIA was sat. traditional country, now country // FM
KKMJ 1370 TX ROLLINGWOOD was KFON, talk, now AC // FM "Magic 95.5"
KNAL 1410 TX VICTORIA was country, now all news
KQHN 1510 TX NEDERLAND was KDVE, religion, now all news to Beaumont
KVAN 1550 WA VANCOUVER was AC // KMXI-FM, now local-oriented AC, being leased out by KMXI to a broadcasting school! (B. Hardy-WA)

YE OLDE LICENSE EXCHANGE:

KZMX-580-SD, KMEO-740-AZ, WPLX-1170-TN, WLLN-1370-NC, WQPN-1370-WV (now silent), KITZ-1400-WA, KUUB-1450-MT, WLHN-1470-IN, WMJM-1490-GA

MISCELLANEOUS NOTES: After 27 years, the FCC has finally closed the book on RKO's ownership of radio stations. Last week the FCC formally approved the settlement agreement for KFRC-610-CA, the last RKO station.

2 Much of the station data for this column comes from weekly issues of The M Street Journal and assorted DX Monitor columns.

* * * *



PAT MARTIN P.O. BOX 843 SEASIDE, OR 97138

DX Worldwide - West

Time: UTC phone (503) 861-3185

DEADLINES: 4/16,5/7, 6/4,7/9

We only a short one for you this week as we get into the Spring and Summer months. We will be going into monthly columns soon so watch the deadlines.

TRANS-ATLANTIC DX ROUNDUP

765 SENEGAL, Dakar-good het and bits of mx w/FF talk 0636 3/17 very poor. OUR FIRST AFRICAN!!! (MB-DX) (Great catch. This hasn't been reported in quite some time. PM)

PAN-AMERICAN DX ROUNDUP

526 BAHAMAS, Stella Maris-ZLS-3/16 0543 Poor NDB Beacon ex 320. (MB)
710 MEXICO, Cuauhmc-XEDP-3/17 0740 Fair-Ranchera mx u/o KNUS. (MB)
770 COLOMBIA, Bogota-3/16 0340 Strong-R.C.N. IDs. (MB-DX)
1685 COLOMBIA, Mercades-MER 3/16 0552 Poor-NDB Beacon. (MB-DX)

TRANS-PACIFIC DX ROUNDUP

747 WESTERN SAMOA, Apia-Good signals with woman ancr talking about R. Australia nx coming up at 8 O'clock (Samoan Time) 0700 UTC. Some KXL-splat. Pips on the hour (3) and News on 3/27. (PM-OR)
882 AUSTRALIA, Brisbane-4BH-good with MacQuarrie National News at 0900, on 3/23. (PM-OR)

THANKS TO THESE REPORTERS

MB-DX SHAWN AXELROD/WAYNE MCRAE-30 BECONTREE BAY-WINNIPEG, MB R2N2X9
DXpedition at Arnes MB-Icom R70,3 Beverages 700-1500 ft.
PM-OR YOUR EDITOR
SP-600, 200' Term. LW,1800' NNW Beverage,1500' E. Beverage ants.
Ground System.

IRCA Mexican List, 2nd edition

The IRCA Mexican List, 2nd edition, is now available from the IRCA Reprint Service! This comprehensive guide lists calls, frequencies, locations, powers, schedules, networks, slogans and formats of AM stations throughout Mexico. It contains a wealth of never-before-published information received direct from Mexico City, and has been updated by listener tips though September 15, 1990. AM radio in Mexico has undergone an extensive shuffle in the past year. If you DX Mexico (or want to), you need this publication.

The IRCA Mexican List is available in four convenient formats:

Volume I - Sorted by Frequency, State, City (24 pages)	US \$3.75	Canada \$4.75	Foreign \$6.00
Volume II - Sorted by State, City, Frequency (21 pages)	US \$3.25	Canada \$4.25	Foreign \$5.25
Volume III - Sorted by State, Frequency, City (22 pages)	US \$3.50	Canada \$4.50	Foreign \$5.50
Volume IV - Call Index (Call/State/City/Freq only) (6 pages)	US \$1.00	Canada \$1.25	Foreign \$1.50

Send your order to: IRCA Reprint Service, c/o Steve Ratzlaff, 295 Pettis Ave., Mountain View, CA 94041

Please be sure to specify the volume(s) desired.



WESTERN
DX
ROUNDUP

Nancy Hardy
2301 Pacific Ave.
Aberdeen, WA 98520

WDXR deadlines are Mondays April 8, April 22, May 13, June 10, July 8, and August 12.

REPORTERS FOR THIS ISSUE:

- (TRH) Tim Hall-350 G St. #F-1-Chula Vista, CA 91910
Sony ICF-2010, Radio West loop
- (NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
PRG-7, Radio West loop
- (JH) Jim Hilliker-1705 Withers Ave. #12-Monterey, CA 93940
GE Superadio; Sony TRF, circa 1965, built-in ferrite loopstick
- (RJO) Rod O'Connor-P.O. Box 3488-Kodiak, AK 99615
- (bp) Bruce Portzer-6546 19th Ave. NE-Seattle, WA 98115
(bp-WA1) Heard while driving from Hood Canal Floating Bridge to Port Angeles, WA (and vice versa), 1984 Ford car radio
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118 *STOP*
GE Superadio, GE long-range portable, SM-2 *HERE*

OF SPECIAL INTEREST

- 1340 KOMY CA, Watsonville will s/off indefinitely 4/1 0300. Owner sold the land that the tower is on, and they want to build on it now. So, KOMY won't be back until a new tower site is found. (JH-CA)
- *****
- 550 KRAI CO, Craig 3/17 0404 news, then ID mentioning AM stereo, another ID followed by "AM 5-50" slogan. Under KCWR but over KOY for awhile. Very rare here. (TRH-CA)
- 630 KHOW CO, Denver 3/8 0430 noted with rock oldies, "95.7 K-How FM" jingles. (TRH-CA)
- 650 KMTI UT, Manti 2/21 0925-0935 all alone, good with several local ads, farm-type show, many IDs. New. Heard at SSS several times on 1590. (JH-CA)
- 700 KGRV OR, Winston 3/5 2359 USA net news, ID, ads. Strong & alone. Not normally heard at night. (bp-WA1)
- 740 (KCBS) CA, San Francisco Sa 3/9 0427 off again on a Saturday morning. New SP? KTRH/CEL mix in their absence, not enough CEL for a report though. (TRH-CA)
+Off again 3/17 0326. KTRH over unID. KCBS has been quite weak here for several months. Xmtr trouble, or is there a pattern change in the works? (TRH-CA)
+3/17 0355 totally off. (RW-CA)
- 810 (KGO) CA, San Francisco 3/17 0412 totally off. Bahamas pest solidly on top of the channel, unID Spanish station at times (not HJCY; may have heard a Radio Acir network ment). Still trying for WGY. (TRH-CA)
- 890 WLS IL, Chicago 3/14 0630 good with weather & news of heavy snowfall in Chicago area. (JH-CA)
- 1020 (KTNQ) CA, Los Angeles Fr 3/8 0340 totally off, leaving KCKN. Local XEKAM-950 spurs on 875/1025 tonight instead of "usual" 880/1020. (TRH-CA)
- 1030 KMAS WA, Shelton 3/9 0930-0940 fair in KTWO null, with ID, ABC sports, local ads, and oldies music. New. (JH-CA)
- 1040 CKXY BC, Vancouver 3/18 0352 now noted carrying Larry King. Have they changed calls, they only use "Magic 104 AM" IDs all the time! (RW-CA)
- 1150 KSAL KS, Salina 3/8 0406 ID, back to Larry King Show over KIIS. (TRH-CA)
- 4 KAGO OR, Klamath Falls 3/18 0905 good on top while trying for ~~KCKN~~, with local news. (RW-CA)

- 1230 KKGR OR, Gresham 3/21 2100 noted carrying "NCAA CBS Radio Network" BKB game, excellent over all. (NH-WA)
- 1240 KPOD CA, Crescent City 3/10 0750 fair with woman DJ, PSA, local ad, ID, sounded like oldies, faded into the mess. New. (JH)
- 1260 KLYC OR, McMinnville 3/21 2103 CNN news, ads, 2106 into "New Gold on CD" program. (NH-WA)
- 1290 KMEN CA, San Bernardino 3/22 0120 really strong with no sign of usually dominant KHSL. Some satellite sports-talk show, during break, local IDs "K-Men 12-90, the station of champions." Woman sportscaster gave local sports news, scores & promos for Dodgers baseball & Lakers basketball on KMEN. Not heard this well in a long time. (JH-CA)
- 1300 KDOV OR, Medford 3/6 0030 ending "Focus on Family" program, then "K-Dove" ID & a major DX milestone -- my one millionth reception of a Hooked-on-Phonics ad. No KMPS, but some splat from local KAPY-1290. (bp-WA1)
- 1340 KSGR ID, Nampa 3/18 0654 noted with new CNN news format, ex-oldies. (RW-CA)
- KCEM NM, Farmington MM 3/11 0300 ID, NBC news with Camille Bohannon, slogan "AM 13-40, FM 104.5, Kick 'em country is the home of the big (white caps???)" followed by Indian chant. Not heard in a while. (TRH-CA)
- 1360 ?KZIQ? CA, Ridgecrest 3/18 0644 someone on top of freq. with Carpenters song, then ID "24 hours a day, the all-new 92.7 FM, K-Light." KZIQ-FM? (RW-CA)
- 1390 KJME CO, Denver 3/8 0355 fair with many promos for Nortena and tropical music programs. (TRH-CA)
- 1490 CJSN SK, Shaunavon 3/6 2030 good on car radio with no QRM while driving through downtown Sequim. Relig. program with Vancouver BC address, then CST TC and "This is Shaunavon, 1490, CJSN." First time I've heard a GYer 800 miles away on SSS with no QRM. (bp-WA1) (I always get a GY'er on 1490 at SSS with no QRM -- but it is 800 yards away, hi. I'm jealous!--NH)
- 1550 ?KVAN? WA, Vancouver 3/18 1002-1007 tent. call change ex-KMJK way under KZQQ/KKHI with talk about public utilities, then talk on Clippers beating Portland Trailblazers Sun. night, weather (forecast fit Portland forecast for day per our local paper), into "Doooh-Wahh-Diddy-Diddy," faded out. Is KVAN oldies still? (RW-CA)
- 1590 KLIV CA, San Jose plans to change format (SMN Stardust) to all-news after 4/1, probably first weekend in April. Will be a mix of CNN & local news. (JH-CA)
- 1610 (TIS) WA, Uncas not heard while crossing Hood Canal Floating Bridge 3/5 & 3/6 and didn't see any "Tune to 1610" signs, so possibly now inactive. (bp-WA1)

LOCAL CHANGES

- 700 KOJY CA, Soledad local is usually AN, no more 0300 s/off as I indicated in Shawn Axelrod's column a few weeks ago. (JH)
- 1240 KNRY CA, Monterey station sale should be completed sometime in April and will soon be oldies. New owner says sports will likely stay and plans to be on 24 hours. (JH-CA)

DX TESTS

- 640 (KTIB) LA, Thibodeaux MM 3/11 0200 tried several times, not a trace. Too much KFI. (TRH-CA)
- 1010 (KBEW) TX, Waco 3/16 0100 not a trace, just KXEG/CBR/XEHL. Flute solo on CBR could easily have been mistaken for Morse code, especially the letter "W"! (TRH-CA)
- +3/16 not heard. 0100 picked up probable CBR with classic piano music hosted by Peter Jonkee or Jonqui (?), sounded French. Also unID Spanish way under, probably KIQI. Tried again 0150 & 0200 with only same 2 unIDs. (RJ0-AK)
- +3/16 0537 tried, not heard in KIQI null under CBR/KXEG. Frequency was a real mess. No code IDs noted in 25 minutes of monitoring. (RW-CA)

UNIDs

- 900 3/5 2340 fundamentalist preacher under CJVI. Format fits KBIF. Similar program on CFEZ-1570 at same time, but was unable to tell if //, if so it would point to CKBI. (bp-WA1)
- 1310 Weak Spanish buzzing KLIX 3/5 0007 and 3/6 0110. Possibilities: XEC, or KARY now on late with Spanish program. (bp-WA1)

Note the WDXR deadlines at the beginning of the column. A change in the publishing schedule has changed a couple of them. ♡



Central DX Roundup

Editor: **John C. Johnson**
 979 Neptune Boulevard
 Billings, Montana 59105-2129

FOR THE RECORD

Report in Eastern time. Next deadline: 4/13.
 CDXR accepts reports via computer through Prodigy, my address: MPNN49A.

RIDING GAIN

- [Wmc-MB] = Wayne McRae, 103 Donegal Bay, Winnipeg, MB R2K 2B5
 Icom IC-R70, GE Superadio II, loop.
- [RS-MO] = Randy Stewart, 4225 W. La Casa, Springfield, MO 65802-5615
 Realistic TRF 12-656, 4' spiral loop.
- [JcJ-MT] = Your editor using an Icom IC-R71A with Radio West Loop.

DOWN THE DIAL

- 530 CJFT ON Fort Erie, 3/12 fair. 2025 w/Toronto Maple Leafs pre-game show. This really gets out with only 250 watts!
 [RS-MO]
- 540 KDFT TX Ferris, 3/12 fair o/u/XEWA, often way atop XEWA. 2032 w/ weather forecast and call ID. [RS-MO]
- 660 KEYZ ND Williston, 3/12 poor between locals CKRC-630 and CJOB-680. 2000 w/"KEYZ" and "keys country" IDs. DX Monitor said call was KQSR?? KEYZ was 1360, no longer on 1360. What's the story? [Wmc-MB]
 (JCJ: KEYZ moved from 1360 to 660 on 2/25/1991 at 1400. They run 5KW day and night directional, day pattern protects CFFR. Broadcast in C-quam stereo. The 1988 BYB mentions the KQSR calls would be replaced with KEZY when station came on the air. John.)
- 720 KDWN NV Las Vegas, 3/24 weak but alone, no WGN. 0300 w/AP Radio Network News, 0305 Talk program "West Coast AM." Took a call from a guy in San Diego telling of their strong signal into San Diego. [JcJ-MT]
- 730 WJYM OH Bowling Green, 3/15 fair. 1944 briefly atop w/promo for "Focus On The Family" program "...on your Christian radio station, AM-730 WJYM." New for me. [RS-MO]
- 760 KRZN CO Thornton, 3/15 fair o/Relej, bad WSB-750 splatter. 1953-2000 w/satellite nostalgia format ||WLWI-740. ID "Great songs and beautiful memories come alive on Original Hits AM 7-60 KRZN Thornton, Denver." New for me. [RS-MO]
- 800 WDUX WI Waupaca, 3/3 good. 1945 with "Real Country, AM 800 WDUX." [Wmc-MB]
- 830 WMMI MI Shepherd, 3/4 good. 1820 w/"Bringing back the greatest hits on pure gold WMMI."
- 940 WMIX IL Mount Vernon, 3/2 good. 1845 w/lite rock, "WMIX 9-40" ID. Spot for JC Penney in Mt. Vernon. [Wmc-MB]
- 1010 KXEN MO Festus, St. Louis, 3/2 very good. 1900 w/"The Spirit of 10-10 KXEN. Playing Southern Gospel Music." [Wmc-MB]
- WSPO WI Stevens Point, 3/3 fair. 1820 w/lite rock, ID "Wake up to the world with all news, mornings 6 to 9 weekdays only on AM 10-10 WSPO." [Wmc-MB]
- 1050 KMBA NM Los Ranchos, 3/24 good. 0315 w/spots, ID "KMBA Business Radio 10-50." Business Radio Network program "Ways and Means." Not needed, rare though. [JcJ-MT]
- 6 1070 KHMO MO Hannibal, 3/12 noted w/easy-listening/nostalgia format. Promo for CNN news on the hour. [RS-MO]

- WDIA TN Memphis, 3/15 fair to good. 2110 w/UC music, "10-70 WDIA" mentions. Comparatively rare here on night pattern. Noisy, distorted signal. Sounded like skywave and ground-wave fighting it out. [RS-MO]
- 1080 WRYT IL Edwardsville, TENTATIVE, 3/12 fair. Assume the one mixing with KRLD with high school basketball and spots for Collinsville. [RS-MO]
- 1150 KNED OK Macalester, 3/15 poor to good. 2105 with KNED weather forecast, spot for Alamo Liquor in Macalester. Never logged before. [RS-MO]
- 1190 KBCO CO Boulder, 3/12 good. 1940 w/cluster of national spots, sports trivia, promo for the "New CD of the Week coming up later on KBCO." Rock music. New for me. [RS-MO]
- KUII TX Dallas, 3/12 poor. 1930 w/CNN Headline News, mention of "All-News 1190" and mention of availability of talk programming on "Talk Radio 5-70 KLIF." New call change for me. [RS-MO]
- 1290 KCUB AZ Tucson, 3/24 weak, alone. Rare. 0330 w/C&W music, ID as "Kay-cub, Tucson's Real Country Station." 0400 ID "12-90 KCUB Tucson." Much needed for follow-up. [JCJ-MT]
- 1380 KGLD MO St. Louis, 3/12 good. 2005 w/"13-80 AM KGLD. Do we play the best oldies? Are you kidding! Is Bullwinkle a moose? Does Victoria have secrets?" [WMC-MB]
- 1440 KMLB LA Monroe, 3/15 good. 2040 with C&W music, promo for "The best and most country, K-104." Spots for Monroe, one for Harlem Globetrotters appearance at Monroe Civic Center on March 20th. Numerous deep fades. [RS-MO]
- 1560 WQXR NY New York, 3/12 poor to fair. 1955 w/Offenbach selection sung by Marilyn Horne, PSA for her benefit concert at Church of the Holy Cross. 2000 ID "These are the radio stations of the New York Times, WQXR and WQXR-FM in New York." Newscast read by same female announcer. Been trying for this one for years! New log for me. [RS-MO] (JCJ: WQXR makes it into Billings on rare occasions, congrats on your logging! John.)

UNIDS

- 720 unID 3/12 poor in WGN null. 2036 w/conversation w/phone caller about bankrupt and related subjects. Soon ruined by Cuban w/low het. Possible KDWN. [RS-MO]
- 1210 unID 3/15 fair to good in WOGL null, often strong but noisy, distorted signal (like groundwave/skywave interaction). Satellite fed oldies foramt. Dropped like a stone at 2021. No local spots or announcements. [RS-MO]
- 1540 unID 3/1 under KXEL. 1845 briefly with ID that sounded like "WSIL" or "WFIL." Any ideas? [WMC-MB]

25 YEARS AGO

April 9, 1966 issue of DX Monitor....Publisher Bill Nittler said bulletins are late sometimes due to family, job, and committees he serves on; plus his DX suffers as a result....Bill did receive veries from HJHJ-600 and YSS-655.....Jerry Wolf wondered if an athlete gets athletes foot; does an astronaut get missile toe?

OPEN MIKE

If a man be not honest he is nothing. Next week is the last of the weekly columns! 73, John.



IRCA Foreign Logs

Before the creation of the IRCA Foreign DX Reference, the IRCA published nine editions of the IRCA Foreign log. Each edition contained the actual tips that were reported to the DXWW sections during an entire year (2 years in Volume 9), recompiled and retyped in a book format. In addition, special features include: articles on foreign DXing (Vols. 6-9), utility lists (Vols. 7-8), shortwave parallels (Vols. 8-9) and BCB propagation (Vols. 6-8). IRCA archives still has Volumes 3, 4 and 6-9 of the IRCA Foreign Log available to all for \$2.50 each. Make checks out to Phil Bytheway and send them to: 9705 Mary N.W., 7 Seattle, WA 98117



Eastern DX Roundup

Ray Bauernhuber
141-12 243rd Street
Rosedale, NY 11422

(MH-NC) Mike Hardester P.O. Box 8159 Camp LeJeune, NC 28542-8159; ICOM R-70 + Radio West 22" Ferrite Loop

- 1010 KBBW TX, WACO DX TEST not heard as scheduled for 3/16. Tried 0525-0605 but noted only WINS and CFRB. Still haven't heard a single test this season. (MH-NC)
- 1510 WNLC CT, NEW LONDON DX TEST not heard on scheduled 3/18. Only WLAC and Spanish (weak unID) from 0355-0420; recheck from 0435-0445 produced nothing. (MH-NC)
- 1540 unID (CHIN?) noted 3/5 from 2010-2100 w/Chinese language program (M/F ann) and instrumental mx. At 2100 heard mention of "Toronto" and a bit later "Ontario." At 2102 into program in that sounded like a Slovak language. Poor signal w/heavy QSB...not heard since; the frequency is a jumble of nothing. (MH-NC)

COMMENTS

A very small column this time around. Hopefully the next issue will be considerably larger. Until next time, CONTINUED GOOD DX MY FRIENDS and 73 de Mr. B

TO.....Patrick Martin.....
THANK YOU FOR YOUR RECEPTION REPORT DATED 9 2 80
WE ARE PLEASED TO VERIFY YOUR REPORT THAT YOU WERE
LISTENING TO

5AD 1323 KHZ
SPI *** 1044 KHZ
5SE 1296 KHZ

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Dear Sir,

Your report on reception dated
8-10-81 has been examined.
This confirms that you were listen-
ing to 8DR on 8-0ct-1981
at 1428-1432 UTC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
This transmitter is located at
D A R W I N N. N. and
operates on 657kHz/7%
metres. Power 2000 (watts).

Thank you for your interest in reporting
on our transmission.

Yours faithfully,

Address only

PATRICK MARTIN

BOX 843

S E A S I D E

OREGON 97138 U.S.A.



Western DX Forum

★★★★

Editor: Ric Heald • 8539 Bellamy Way • Sacramento, CA 95828 USA • (916) 386-8677

WELCOME BACK, RIC!! Ric Heald returns next issue as WDXF editor! Ric's first deadlines will be Mondays (possibly Tuesdays), 8 April and 22 April. See upcoming WDXF's for more details. This week's WDXF typed in Aberdeen by temporary editor Bill Hardy. ALL FORUMS WEST OF THE MISSISSIPPI GO TO RIC HEALD NOW!! Welcome back!!

TIM HALL, 350 G ST., #F-1, CHULA VISTA, CA 91910-4559 (619)426-3584

Howdy everyone. Haven't seen a Sportscenter column in a long time, so I thought I'd pass along some updates. (Sports editor failed to renew, so the position is vacant; apply to club president if interested, anyone. Luckily, all sports thru fall 1990 is on Tim's computer-BH.) Padres baseball remains on KPMB 760 in 1991, and is likely to stay there for quite a while. Chargers football will stay on XETRA 690 through at least the 1995-96 season. L.A. Clippers basketball is on XHRM 92.5. San Diego Sockers are on XETRA again this year, but the station may not renew them. XETRA may also decide not to be the L.A. Kings flagship station next year. USIU Gulls basketball moved briefly to KSDO 1130 from KCEO 1000 this year, but the school (and EVENTUALLY the basketball team) went bankrupt. (In that order? hi-BH.) SDSU Aztecs fb & bkb move from KFMB to XETRA in 1991. XETRA may option out games to other stations when it has a conflict with a pro sports event (KFMB and KSDO are interested). Spanish language coverage: Padres remain on XEXX 1420 and probably on XEKT 1380 as well. Tijuana Potros baseball remains on XEBG 1550 and XEKT. San Diego Sockers remain on XEBG, but occasionally a game will air on XEMMM 800. I have some other news about XETRA which doesn't thrill me but may be of interest to members in other parts of the country. I just heard they plan to double their power to 100kW next year. The station has always done better in L.A. ratings than in San Diego, so I'm sure the move is designed to make their signal sound even more "local" in L.A. I would assume a N/NW pattern day and night, although I'm sure they'd have to protect CBU somehow. XEC 1310 is now up to 1 kW and has resumed using their "Radio Enciso" slogan. I wouldn't be surprised if XEMMM 800 was up to 1 kW, and I would not be surprised if XEMO 860 is putting out about ten times their listed (and announced) 5 kW. Interesting to read in Geov's column about the upcoming FCC crackdown. They can start here in San Diego - one visit to KKLQ 600 would probably pay for the whole project, hi! Guess that's it for now. My workload has taken away most of my DX time lately (and I lost some much-needed sleep chasing DX tests that were probably no-shows!). I'm finally catching up on DX correspondence, though, so if I owe you a letter you can probably expect it soon. 73 de TRH.

BILL HARDY, 2301 PACIFIC AVE., ABERDEEN, WA 98520

I got the phone call last Saturday morning, 23 March, from Ric Heald that he would be ready to edit and type WDXF beginning next issue! At this writing (27 March, delayed by Nancy coming down with the flu while I've watched the kids for her), three reports are already on hand for next week, so I'll be forwarding them to Ric so that he can get right back to work! I must say a big thanks to everyone who sent me forums the past three months. Ric sounded pretty good on the phone. I've sensed a lot of love going out through this column in his direction and I hope Ric knows we all appreciate his efforts, whether we say it or not! When you're an unpaid volunteer, the appreciation makes it all worthwhile. This column has only taken a couple of hours per week here, but I'm looking forward to spending that time with my family again and doing some Almanac updater work. Now everyone west of the Mississippi, please send your forums, DOUBLE SPACED please, to Ric Heald - a bunch of concise, to-the-point forums on DX-related matters from a wide cross-section of western IRCAn's will make Ric feel right at home! And thanks again for helping me this past three months. 73 and good DX.

EASTERN DX FORUM

RICHARD C. EVANS
PO BOX 21883
MILWAUKEE WI 53221

Reports from members living east of the Mississippi River
Deadlines: 4/13 5/4 6/1 7/6 8/10

Jim Nall, 2104 Gateway Court, Louisville, Kentucky 40299

Been quite a while since my last forum contribution and I certainly want to make the anniversary edition. Unfortunately, not a lot of BCB DXing done; I have been getting some SWLing and hamming in though. The last time I wrote in, I had no way to do any serious BCB DXing other than using my car radio (actually a pretty good Delco receiver) or the home Onkyo stereo tuner. Since then, I have purchased a Radio Shack DX440 which I also carry to work in my briefcase (I'm a programmer and often like to listen to radio while I work at home and at work). The DX440 is a really sharp SWL tool and not too bad on BCB. It could use a bit more gain on BCB but a good loop would probably help there. I have also acquired a new ham rig (sold my Ten Tec Argosy receiver to a fellow at work). My new ham machine is a Yaesu FT-757 GX II. This ham rig covers all the hf ham bands and has general coverage reception. The thing is not bad at all on BCB and SW. Now if I'm ever able to get away from programming long enough to do some serious DXing I'll be in fine shape. Happy Anniversary to the IRCA. I've been a member off and on (mostly off-hi) since 1967. A good organization! I have many great memories thanks to the club. 73.

Mike Hardester, P. O. Box 8159, Camp Lejeune, North Carolina 28542

Greetings! Several longwave (NDB) QSLs have been received, along with BCB QSLs and of the latter, the following were received: WIP-610 sent fd form ltr (mentions xmtrs are in Bellmawr, NJ...yeah, I know, -- it's the studio site we use. Drat!); WSVA-550 sent friendly v/1 - v/s (the V.P.) is a former Marine, and it was like "old home week"; and KQV-1410 sent date only ltr. Still trying to log/QSL as many 3-letter calls as I can. Most frustrating 3-ltr call is WGR-550 in NY. I regularly hear it using the loop, as well as in AMS on the truck radio...however, NEVER enough for a report. Patience! As a follow-up to my last Forum letter, by 5 March, conditions were basically back to normal on both longwave and medium-wave. Little DX has been done since 9 March: troops are beginning to return and work hours are fluctuating...in this case, a WELCOME fluctuation! All for now! Very 73 and Best of DX! (Mike, thanks for the papers--rce)

Gary Siegel, 2728 - 106th Street, Toledo, Ohio 43611

You've heard of the financially strong FM station simulcasting onto a weak AM sister, or in some markets the money strong FM being relayed or translated onto a financially weak AM in another nearby market, well how about this Toledo development--a fiscally strong AM daytimer being relayed and broadcast over a nearly insolvent FM. that's the 10-year arrangement WTOD-AM has made with the 95.7 in Gibsonburg, OH, WRED-FM to enhance and prolong its broadcast day. Now from 0600 to 0100 daily as of 3/19/91 with a few segmented exceptions WTOD-1560 is simulcasted over WRED-95.7 when WTOD is on the air and WTOD continues to supply its programming over WRED-FM from its studio after the AM signs off and before it signs on beginning at 0600 (unless WTOD-AM's regular sign on is also 0600). In essence WTOD is now a fulltime station over another broadcast medium besides its own! This is quite a maneuver WTOD has pulled off as they have sought for years to find some way to put its highly successful classic C&W format on the air fulltime. Such efforts on 1560-AM have been rebuffed by the FCC as have attempts to change frequencies. I have been aware of such efforts since I interned at WTOD in 1973, but any moves would have been non-profitable, and only would have resulted in loss of coverage which with their 5kw on 1560 is considerable. I know they've investi-

gated the FM deal before but could find no takers until now. They had for a time duped their own FM 99.9 WKKO onto the AM in morning drive but found this to be disruptive to WTOD as well as confusing to its listeners. They also did not want to harm their already successful FM by duping WTOD programming onto it--so now they've come up with this arrangement to help a sinking area FM and strengthening their already strong AM. How about this move you AM detractors! You'll see more of this elsewhere I'm sure and in a sense you already have it with TV stations that have AM & FM stations relaying their evening newscasts, as well as stations such as KOOL in Phoenix supplying stations with satellite fed programs from its own studios. Even here in Toledo WVOI-1520 has 2 hours of its audio aired videoly on the low power W48AP Channel 48 here on Saturdays. Guess you can now say that WTOD which meant "We're Toledo's Only Daytimer" now means "We're Toledo's Only Dual-medium" operation! This more or less gives Booth American Co. 3 radio voices in the Toledo market, one AM & two FM facilities with the AM gaining hours of operation and a stereo FM source, wow! One other piece of trivia from my log totals before I exit for now, seems my city/town heard total is nearing 2000, now stands at 1987. 73s. P.S.--It should be noted that back in the '60's when AM was king that WTOD used to put its AM format onto its then weak 99.9 sister in the post sunset hours; obviously given today's radio trends this was not a viable option for them since the FM is now strong both financially and ratings-wise in the Toledo market.

Rick Evans, P. O. Box 21883, Milwaukee, Wisconsin 53221

I'm holding over the report from Steve Miller to continue until next week. Not enough time this week. I would like it if reports for the column started coming to the box. Closing on the house (if we do get it) is set for May 10th and it's not far way when you read this. Nearby WPLY-1420 in Plymouth, Wisc. has changed to WJUB-1420 and the format from nostalgia to (according to the Milw. Journal) contemporary Christian. However, tuning in while typing the column, it seems to be more canned programs with CBN News on the hour. Personally, on the basis of what I heard tuning in and out, I'll stay with WKSH-1370 which is mostly music with an occasional 5-minute program, no spots and the chatter is from what appears to volunteer announcers which makes it seem more personal. Gotta run. 73.

*** IRCA AM-FM ALMANAC, 5th Edition 1991 ***

The fifth edition of the IRCA AM-FM Almanac is now available! This 240 page book is a must have cross reference for the serious AM DXer. Within it you will find the current frequency check list, affiliates for news and talk show networks, syndicated music and religious programs, AM-FM simulcasts, station slogans, broadcasting in Canada, AM stereo, sports networks, utility stations and many articles on AM broadcasting. In addition, Volume V contains a section focusing on AM band foreign DXing (including a compressed IRCA Foreign DX Reference). Each list is in frequency order and many include the FM frequencies as well as the AM (great for FM DXers).

The IRCA AM-FM Almanac is available in large comb bound or loose leaf (please state preference when ordering). Post-publication prices are:

IRCA member: US - \$13.00 Canada - \$14.00 Overseas Sea Mail - \$14.00 Overseas Air-Mail - \$17.00
non-members: US - \$15.00 Canada - \$16.00 Overseas Sea Mail - \$16.00 Overseas Air-Mail - \$19.00

The IRCA AM-FM Almanac is available from: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117.

A DXers TECHNICAL GUIDE

Now in its 2nd edition, this 120 page book answers questions on how receivers work, how to make them work better, what audio filters and loop antennas will do for you, how to build a beverage and phasing unit, and much more. Only \$5.50 for IRCA members, \$6.50 for non-members (add \$2.50 for overseas airmail). Write: Phil Bytheway, 9705 Mary N.W., Seattle, WA 98117.

Verification Signers



Editor: TIM HALL, 350 G St. #P-1, Chula Vista, CA 91910-4559

Deadline: Last Friday of the month

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including material from members of the ARCTIC RADIO CLUB (ARC),
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- MH - MIKE HARDESTER, P.O. Box 8159, Camp Lejeune, NC 28542-8159
- TL - TOM LASKOWSKI, 1334 E. Miner St., South Bend, IN 46617
- JL - JAY LEMMONS, 1118 Brunswick Way, Sacramento, CA 95833
- PM - PAT MARTIN, P.O. Box 843, Seaside, OR 97138

FREQ	CALL	SIGNER'S NAME / TITLE	ADDRESS	WHAT	WHEN	WHO
530	WNSL338	E. William Ensor, Jr. DEPUTY CE, OFC o/MAINT.	MD DOT, State Highway Admin. 707 N. Calvert St. Baltimore, MD 21203-0717	PL		MH
540	CJSB	Jeff Ruck, CE	Ottawa, ON			DXC
550	KENI	[ADDRESS UPDATE:]	1777 Forest Park Dr. Anchorage, AK 99517			DXC
	WSVA	R. David Ridgeway, VP	P.O. Box 752, Rawley Pike Harrisonburg, VA 22801	L		MH
560	CHVO	John Harvey, STN MGR.	Carbonear, NF			DXC
570	KLIF	Norman J. Philips,	3500 Maple at Turtle Creek Dallas, TX 75219	L	68	TRH
580	CFRA	[CE]	Ottawa, ON			DXC
	KANA	[ADDRESS UPDATE:]	105 Main St. Anaconda, MT 59711			OA
590	KHAR	Patricia E. Harpel, ASST.	Anchorage, AK			ARC
	KID	[ADDRESS UPDATE:]	1748 Jeppson St. Idaho Falls, ID 83401			OA
		[ALTERNATE ADDRESS:]	P.O. Box 1549, 83403-1549			
610	WIOD	Steve Zeigler, STUDIO SUPERVISOR	1401 North Bay Causeway Miami, FL 33141	LB++		MH
	WIP	William J. Rinier, CE	441 N. Fifth St. Philadelphia, PA 19123-4089	L		MH
620	KGTL	David F. Becker, OWNER/GM	Homer, AK			DXC
	KMNS	Gerry Gibbs, CE	Sioux City, IA			DXC
630	CKRC	Lil Thiessen	Winnipeg, MB			DXC
640	CBN	S. Williams	Saint John's, NF			ARC
650	CKGA	Grayson Feltham, ENG DEPT.	Gander, NF			DXC
	CKOM	Ken Fisher, CE	Saskatoon, SK			DXC
670	KDLG	Les Robinson, MGR.	Dillingham, AK			ARC
	WMAQ	[ADDRESS UPDATE:]	NBC Twr 455 N. Cityfront Plaza Chicago, IL 60611			DXC
680	CFDR	Gary Schertzer	Dartmouth, NS	L		DX
	KBRW	Selena Brotherton	Barrow, AK			ARC
700	KBYR	A.G. Hiebert, CHAIRMAN	P.O. Box 102200 Anchorage, AK 99510			DXC
710	KKMT	[ALTERNATE ADDRESS:]	315 East Main St. Ennis, MT 59729			OA
720	KUAI	R.D. Rogelstad, CE	P.O. Box 720 Eleele, Kauai, HI 96705	QB+	25	TRH
750	CBGY	Shawn R. Williams, REGIONAL ENG. St John's	Bonavista Bay, NF			DXC
	KERR	[ADDRESS UPDATE:]	581 N. Reservoir Rd. Polson, MT 59860			OA
780	KNOM	Timothy Cochran, CE	Nome, AK			ARC

FREQ	CALL	SIGNER'S NAME / TITLE	ADDRESS	WHAT	WHEN	WHO
790	CFNW	Lenny Benoit, CFCB MX DIR.	Port au Choix, NF			DXC
820	CHAM	Rob Meuser, TECH DIR.	Hamilton, ON			DXC
	WBAP	Clay Steely, CE	Fort Worth, TX			DXC
850	CKBA	[ADDRESS UPDATE:]	Venture Place, 4818 49th St. Athabasca, AB TOG OBO			DXC
	KICY	John Mc Bride, STN MGR.	Nome, AK			ARC
	WHDH	[ADDRESS UPDATE:]	7 Bulfinch Place Boston, MA 02114	Q		DX
890	KBBI	Scott Morton, CE	Homer, AK			DXC
910	KIYU	Theresa Williams, OFC MGR.	Galena, AK			DXC
940	CBM	Gerald Winek, AUD REL.	1400 Rene Levesque Bl. 16th Fl Montreal, QC H2L 2M2			DXC
950	CKNB	Dick Alberts, VP/GM	Campbellton, NB			DXC
	WPEN	[ADDRESS UPDATE:]	1 Bala Plaza Bala Cynwyd, PA 19004			DXC
970	WDAY	Marty Berlinger, CE	Fargo, ND			DXC
980	KZXX	[ADDRESS UPDATE:]	6672 Kenai Spur Highway Kenai, AK 99611			DXC
	KMBZ	[ADDRESS UPDATE:]	4935 Belinder Rd. Westwood, KS 66205			DXC
990	CHTX	Jill Fitzgerald	Montreal, QC			DXC
1050	CICF	Dan "Dirtman" Mc Farlane	Vernon, BC			DXC
1060	KGFX	Charlie Hale, PD	Pierre, SD			DXC
1090	KBOZ	[ALTERNATE ADDRESS:]	5445 Johnson Rd. Bozeman, MT 59715			OA
1120	KANN	Tim Hunt, Network CE	Roy, UT			DXC
1150	CHGM	Mario Loubier, DIR PROG.	Gaspe, QC			DXC
1160	WCCS	Fred C. Shettler, CE	Homer City, PA			DXC
	WOBM	Rick St. James, ENG ASST.	P.O. Box 927 Toms River, NJ 08754	LB	18	MH
1170	CKGY	Bob Mills, PD	Red Deer, AB			DXC
	KVOO	[ADDRESS UPDATE:]	4590 E. 29th / P.O. Box 52548 Tulsa, OK 74152			ARC
1200	CPGO	Marlene Murray, PROG SECY.	Ottawa, ON			ARC
1210	KUBR	Mario Perez	P.O. Box 252, Mc Allen, TX 78502	L	12	PM
1220	CKCW	Robert Oke, CE	Moncton, NB	L+	77	DX
	XEB	Rafael Cardona Lynch, GER.	Mexico D.F., MEXICO			DXC
1230	KKGR	Marshall Moss, PD	Gresham, OR			DXC
	KKUL	[ADDRESS UPDATE:]	2401 Montana Ave. Billings, MT 59101			OA
		[ALTERNATE ADDRESS:]	P.O. Box 3595, Billings 59103			
1240	CJRW	Paul H. Schurman, PRES/GM	Summerside, PEI			DXC
	KLVJ	[ALTERNATE ADDRESS:]	1795 Canyon Court Rd. Mountain Home, ID			OA
	KZID	[ADDRESS UPDATE:]	P.O. Box 2720, Boise, ID 83701			OA
	WHIZ	Allan Land, VP	Zanesville, OH	L+	30	DX
1250	WTAE	Kurt J. Haase, CE	Pittsburgh, PA			DXC
1270	KTFI	[ADDRESS UPDATE:]	P.O. Box 2820 / Hwy 30 West Twin Falls, ID 83303			OA
1280	KSOK	David C. Poster, CE	P.O. Box 917 Arkansas City, KS 67005	L	38	TL
	WADO	Richard Ross, CE	New York City, NY			DXC
		Herbert M. Levin, SENIOR VP	New York City, NY			DXC
	WCMN	Rafael Gonzalez Reyes, PROG	Arecibo, PR			DXC
1290	CHRM	Michael Chovinard, TECH.	Matane, QC			DX
	CJBK	Jeff Guy, VP ENG.	London, ON			DXC
	KZBQ	[ALTERNATE ADDRESS:]	436 North Main St. Pocatello, ID 83204			OA
1300	CJME	David M. Senft, DIR ENG.	Regina, SK			ARC
	KGLO	Dennis Culp, PUB SVC DIR.	341 Yorktown Pike / Box 1300 Mason City, IA 50401			ARC
	WOOD	Donald Missad, CE	Grand Rapids, MI			DXC
1310	CHLW	Gary Tougas, PD	P.O. Box 910, St. Paul, AB	L	23	PM

FREQ	CALL	SIGNER'S NAME / TITLE	ADDRESS	WHAT	WHEN	WHO
1320	KCTC	Jim Balcom	2225 19th St. Sacramento, CA 95814			JL
1330	KWLO	Roger Lundeen, CE	Waterloo, IA			DXC
1340	CPLW	Gary S. Peckham, STN MGR.	Wabush, NF			DXC
	KSGR	Lee Eichelberger, CE	Nampa, ID			DXC
1350	KRNT	Joseph Farrington, CE	Des Moines, IA			DXC
	WCOP	Bill Bruton, STN MGR.	1350 Radio Loop Warner Robins, GA 31088	L	122	TL
	WIOU	Curt Alexander, NX DIR.	P.O. Box 2208 Kokomo, IN 46904-2208			DXC
1360	CKBC	Kevin Chamberlain, CE	Bathurst, NB			ARC
1370	CPLV	Yves Royal, TECH.	Valleyfield, QC			ARC
	KXTL	[ALTERNATE ADDRESS:]	P.O. Box 3788, Butte, MT 59702			OA
1380	CFDA	Robert Daneau, DIR GEN.	Victoriaville, QC			ARC
		[ADDRESS UPDATE:]	55, Saint-Jean-Baptiste/CP 490 Victoriaville, QC G6P 6T3			DXC
	CKPC	Stewart Bayley, CE	Brantford, ON			DXC
	KLIZ	[ADDRESS UPDATE:]	P.O. Box "J", Brainerd, MN 56401			DXC
	KRKO	Mike Purdy, DIR OPS.	Everett, WA			ARC
	WPHM	Eric Hanson, CE	Port Huron, MI			ARC/DXC
1390	CHOO	Joe Frechette, PD	Ajax, ON			ARC
	WFBL	Lee Sorooca, CE	Syracuse, NY			DXC
	WPLM	[ADDRESS UPDATE:]	P.O. Box 1390 North Plymouth, MA 02360			ARC
	WRIG	Dave Arrowood, PD	Schofield, WI			DXC
1400	CBG	Shawn R. Williams, REG ENG., St John's	Gander, NF			DXC
	CKRP	[CIOR] W. George Elliott, ASST MGR.	P.O. Box 1400 Princeton, BC VOX 1W0	L	31	PM
	KEDO	Ron Moyer, PD	Longview, WA			DXC
	KSPT	Kevin W. Tighe, FM DJ	Sandpoint, ID	L++	21	DX
		[ALTERNATE ADDRESS:]	P.O. Box 1927, Sandpoint, ID			OA
	KXGF	[ALTERNATE ADDRESS:]	1300 Central Ave. West Great Falls, MT 59404			OA
1410	CFUN	Dave Youell, CE	Vancouver, BC			ARC
	KQV	Stephen L. Conti, CE	441 Seventh Ave. Pittsburgh, PA 15219	L		MH
1420	CJMT	Stephane Villeneuve, TECH.	1200 Boul. du Royaume, ouest Chicoutimi, QC G7H 1T1	L		ARC
	WHK	Tammy L. Briggs, PROG ASST.	Cleveland, OH			DXC
1440	KMED	Brian Bishop, NX DIR.	Medford, OR			DXC
1450	KQDI	[ADDRESS UPDATE:]	525 Central Ave. Great Falls, MT 59401			OA
1460	KARR	Mark Murata, OP MGR.	Kirkland, WA			DXC
	KLTC	Ray David, PRES/GM	Dickinson, ND			DXC
	WGNA	Jack Shafer, CE	Albany, NY			DXC
1480	KGCX	[ADDRESS UPDATE:]	P.O. Box 1290, Sidney, MT			OA
	KRXR	[ADDRESS UPDATE:]	P.O. Box 416, Gooding, ID			OA
	WMAX	Denise Piela	Kentwood, MI			DXC
1490	KBUR	[ADDRESS UPDATE:]	1411 Roosevelt Ave./Box 70 Burlington, IA 52601			DXC
	KEYG	Shery Snow, OP MGR.	Grand Coulee, WA	LM+	30	DX/DXC
	KGOS	Dona Anderson	Torrington, WY			DXC
	KRIB	Michael Hendrickson, TECH DIR.	P.O. Box 249 Blue Earth, MN 56013			DXC
	WKBV	Dennis Daily, OP MGR.	Richmond, IN	L+	75	DX
1510	WKKU	Daniel L. Steves, CE	500 W. Cummings Park #2500 Woburn, MA 01801	L		ARC
1530	WCKY	Bruce L. Still, OP MGR.	Cincinnati, OH			DXC
1550	CBE	Dan Kennedy, SUPV TECH.	Windsor, ON			ARC
	KQWB	Mark Borchert, CE	West Fargo, ND			DXC
	KSFT	Ted Mann, GM	St. Joseph, MO			DXC
1555	CAYMAN	Loxley Banks, DIR BC'ING	CAYMAN ISLANDS			DXC
1560	KCJJ	Cordell J. Braverman, VP	Iowa City, IA	L	21	DX

PREQ	CALL	SIGNER'S NAME / TITLE	ADDRESS	WHAT	WHEN	WHO
1560	KNZR	[ADDRESS UPDATE:]	3651 Bakersfield Dr/Box 80658 Bakersfield, CA 93308			DXC
1600	WIXY	James R. Cogbill, OP MGR.	East Longmeadow, MA			DXC
	WUNR	Velma May, TFC CONT/PD	Brookline, MA			DXC
		Norman Ruby, CE	Brookline, MA			DXC

WHAT was received: Q=QSL card; L=Letter; B=Bumpersticker/other sticker; P=PFC.
 WHEN the reply came: Number of days elapsed; f=Follow-up (report/phone call/visit).

Welcome this month to JAY LEMMONS of Sacramento, who helps out Pat Martin with a
 signer for KCTC-1320. Many thanks also to our friends in Scandinavia, who obviously
 had a fantastic DX season! 73, TRH

Table 4 (continued)

23	L6,L10	inductor, 47 uH	MOU	43LR475	2
24	L7	inductor, 1000 uH	MOU	43LR103	1
25	L11	inductor, 22 uH	MOU	43LR225	1
26	L12	inductor, 10 uH	MOU	43LR105	1
27	P1	phono plug	RS	274-339	1
28	R1	pot., 500 ohm, linear	MOU	31CT205	1
29	R2	pot., 5K, linear	MOU	31CT305	1
30	R3,R4	resistor, 150 ohm	RS	271-013	2
31	R5,R6	resistor, 62 ohm	MOU	29SJ500-62	2
32	R7	resistor, 1 ohm	MOU	29SJ500-1.0	1
33	RFC1	inductor, 3300 uH	MOU	43LH233	1
34	S1	switch/2pole/6pos.rotary	MOU	10WW026	1
35	S2	switch/4pole/3pos.rotary	MOU	10YX043	1
36	S3,S4	switch, SPDT, on-off-on	RS	275-325	2

Table 5: (M1) RFE-C regenerative front-end card parts list

See Table 4 for vendor codes.

Item	Designator	Description/Value	Vendor	Vendor Stock #	QTY
1	BD	perfboard(1.4"X1.4")	RS	276-1396 (cut)	1
2	C1	capacitor, 0.001 uF	RS	272-126	1
3	C2,C3,C4	capacitor, 0.1 uF	RS	272-109	3
4	H1,H2,H3,H4	screw, 4-40 X .25"	MOU	572-01880	4
5	H1,H2,H3,H4	spacer, 4-40 X .5"	MOU	534-1450C	4
6	H1,H2,H3	split lockwasher, #4	MOU	572-00649	3
7	H4	solder lug, #4	MOU	534-7311	1
8	P1,P2,P3,P4, P5,P6,P7	flea-clip for .042 hole	MOU	574-T42-1/100	7
9	Q1	FET, MPF102	RS	276-2062	1
10	Q2	transistor, 2N3904	MOU	570-2N3904	1
11	R1	resistor, 100 ohm	RS	274-1311	1
12	R2	resistor, 220 ohm	RS	274-1313	1
13	R3	resistor, 330K	MOU	29SJ250-330K	1
14	R4	resistor, 47 ohm	RS	271-009	1
15	R5,R6	resistor, 10K	RS	271-1335	2
16	W	buss wire	RS	278-1341	approx. 1'

Table 6: small hardware parts list

See Table 4 for vendor codes.

Note: Mounting hardware is supplied with the following
 components: J1, J2, J3, J4, J5, R1, R2, S1, S2, S3, S4.

Hardware is required by the following component designators:
 C1, the vernier knob for C1, G1, G2, G3, G4, and M1. All 15
 required hardware is listed below:

Table 6 (continued)

Used on	Description/Value	Vendor	Vendor Stock #	QTY
G1-G4(4), J6(2), M1(4), C1 knob(4)	screw, 4-40 X .25"	MOU	572-01880	14
C1(2)	screw, 6-32 X .25"	MOU	572-01888	2
M1(4), C1 knob(2)	split lockwasher, #4	MOU	572-00649	6
C1(4)	split lockwasher, #6	MOU	572-00650	4
G1-G4(4)	solder lug, #4	MOU	534-7311	4
G1-G4(4)	hex nut, 4-40	MOU	572-00486	4
C1 knob(2)	spacer, 4-40 X .5"	MOU	534-1450C	2

Table 7: wiring / component connections

Notes: I = insulated wire, approx. #22 AWG
 B = bare solid (buss) wire

Lengths are maximum typical required amount; in actual practice, use the shortest length possible to minimize stray coupling.

OUTSIDE BOX

wire #	From	To	Description
1	J6 + terminal pin	P1 plug - center pin	2" I
2	J6 - terminal pin	P1 plug - shield pin	2" I
		[P1 connects to J5]	

INSIDE BOX

wire #	From	To	Description
3	J1	J2	1" B
4	J3	G1 internal GND lug	1" B
5	R1 switch (left)	G1 internal GND lug	2" I
6	R1 switch (right)	R1 CW	0.5" B
	[R1 CW	R1 arm	R4]
7	R1 arm	S2A arm	3" I
8	S2A arm	S2D-ByPass	1" I
	[R1 CCW =	C4 side 1]	
9	C4 side 2	J1	2" I
10	C4 side 2	S4 arm	2" I
	[S4-Power to Active Ant. = (R6 & RFC1) side 1]		
11	(R6 & RFC1) side 2	S2C-Active	2" I
	[S4-Terminate	G2 internal GND lug	R5]
12	S2B-ByPass	G2 internal GND lug	2" I
13	S2B-ByPass	S2B-Passive	0.5" B
14	S2C-ByPass	G2 internal GND lug	2" I
15	S2C-ByPass	S2C-Passive	0.5" B
	[R2 arm =	R3 side 1]	
16	R3 side 2	S2B-Active	3" I

Table 7 (continued)

	[R7 side 1	=	J5]	
	[R7 side 2		G3 internal GND lug	C2 & C3]
17	R7 side 2		S2C-Active	5" I
18	S2C arm		M1-P3	3" I
19	S2B arm		M1-P7	3" I
20	S3 arm		S2A-Active	2" I
21	S2A-Active		S2A-PAssive	1" I
22	M1-P5		S2D-Active	3" I
	[J4	=	C7 side 1]	
23	C7 side 2		S2D arm	2" I
24	R2 CCW		S2D-PAssive	3" I
25	S2D-PAssive		S1-out	1" I
26	S1-GND		G4 internal GND lug	2" I
27	S1-in		S3-short	1" I
28	S3-short		C1-stator	1" I
	[S3-short		S3 arm	C5]
	[S3-short		S3-normal	C6]

Wire S1-in, out, GND and coil connections per Figure 1B.

Table 8: control orientation conventions

Ensure that components are mounted and wired in accordance with this table; align knob pointers to clock positions indicated. Orientations are as viewed from outside the chassis box assembly.

Side	Control	Orientation Conventions	
====	=====	=====	
top	C1	CCW = minimum C	(vernier scale at 0)
		CW = maximum C	(vernier scale at 100)
left	R1	CCW = maximum level	(no attenuation) = 7:00
		CW = minimum level	(maximum attenuation) = 5:00
top	R2	CCW = maximum regen.	= 7:00
		CW = minimum regen.	= 5:00
top	S1	[see Table 2]	
top	S2	CCW = passive = 11:00; middle = bypass = 12:00;	
		CW = active = 1:00	
top	S3	"short" = down; "long" = middle; "normal" = up	
top	S4	"Terminated" = left; "Float" = middle;	
		"Power to Active Antenna" = right	

Appendix: Options for the MWT-2

Option 1 = frequency range extension

(Refer to Figures 4 & 8 and to Tables 9 & 11)

Additional frequencies can be covered by substituting a 12-position, 2-pole rotary switch for S1. The switch is to be configured to provide 11 ranges determined by inductors L1 through L22 and a twelfth range determined by an external tapped-coil assembly installed by the user at the added J7 stereo-headphone-type jack (Radio Shack 274-312, or equivalent). Installing Option 1 gives coverage of numerous popular bands including longwave broadcast, LOWFER, beacons, medium wave broadcast, 160-80/75-40 meter hams, and 120-90-75-60-49-41 meter shortwave broadcasts. A switch-position versus frequency-range table (similar to Table 9) should be placed somewhere on the chassis box - e. g. on the bottom cover - for the operator's convenience. Option 1 may be installed with or without the other options.

Table 9: S1 frequency ranges (Option 1)

(Ranges are usually a bit greater than those shown.)

S1 Position #	S1 Knob Pointer "o'clock"	Min. Freq. kHz	Max. Freq. kHz	Tank Inductor Values			
				"Main" L #	L uH	"Tap" L #	L uH
=	=====	=====	=====	===	=====	===	=====
1	7:00	130	187	L1	4700	L12	1000
2	8:00	187	280	L2	2200	L13	470
3	9:00	280	405	L3	1000	L14	220
4	10:00	405	590	L4	470	L15	100
5	11:00	590	870	L5	220	L16	47
6	12:00	870	1280	L6	100	L17	22
7	1:00	1280	1900	L7	47	L18	10
8	2:00	1900	2760	L8	22	L19	4.7
9	3:00	2760	4050	L9	10	L20	2.2
10	4:00	4050	5900	L10	4.7	L21	1.0
11	5:00	5900	8750	L11	2.2	L22	0.47
12	6:00	(determined by external coil at J7)					

Option 2 = regeneration vernier pot.

Smoother control of regeneration is possible by changing R3 from a 150 ohm fixed resistor (as in Figure 1A) to a 500 ohm linear-taper potentiometer (Mouser 31CT205 or equivalent - see Figure 8 and Table 11). During operation, this pot. is normally set to center position until R2 has been adjusted to the regeneration threshold (point at which audio gets "muddy" and oscillation breaks out). Then, R3 may be adjusted (while simultaneously re-peaking C1) to obtain desired tight selectivity consistent with intelligible audio. Option 2 may be installed with or without the other options.

Option 3 = higher gain

(Refer to Figures 5, 6, & 8 and to Tables 10 & 11)

An extra amplification stage is added for rendering very low level input signals usable to the DXer. Such inputs typically result from using short antennae, running a passive phaser ahead of the MWT-2, and/or DXing from rural locales during daylight or auroral night-time conditions. The BBA-C broadband amplifier shown provides good dynamic range and gain. It is somewhat battery-hungry, pulling about 120 mA in normal operation. The previous BBA-B design (as used on MWDX-4 phasing units) may be substituted. BBA-B pulls about 50 mA and has gain comparable to that of BBA-C (approximately 20 dB), but it is more susceptible to overload in strong-signal (urban / suburban) environments. Option 3 may be installed with or without the other options.

Table 10: (A1) BBA-C broadband amplifier card parts list

See Table 4 for vendor codes.

Item	Designator	Description/Value	Vendor	Vendor Stock #	QTY
1	BD	perfboard(1.4"X1.4")	RS	276-1396 (cut)	1
2	C1,C2,C5,C6	capacitor, 0.1 uF	RS	272-109	4
3	C3	capacitor, 10uF tant.	MOU	581-10M35	1
4	C4	capacitor, 0.001 uF	RS	272-126	1
5	H1,H2,H3,H4	screw, 4-40 X .25"	MOU	572-01880	4
6	H1,H2,H3,H4	spacer, 4-40 X .5"	MOU	534-1450C	4
7	H1,H2,H3	split lockwasher, #4	MOU	572-00649	3
8	H4	solder lug, #4	MOU	534-7311	1
9	P1,P2,P3,P4, P5,P6,P7	flea-clip for .042 hole	MOU	574-T42-1/100	7
10	Q1	transistor, 2N3866	MOU	511-2N3866	1
11	R1,R5	resistor, 5.1 ohm	MOU	29SJ500-5.1	2
12	R2	resistor, 33 ohm	RS	271-007	1
13	R3	resistor, 100 ohm	RS	274-1311	1
14	R4	resistor, 2.7K	MOU	29SJ250-2.7K	1
15	RFC1	inductor, 3300 uH	MOU	43LH233	1
16	U1	voltage regulator, 7812	RS	276-1771	1
17	W	buss wire	RS	278-1341	approx.1'

Option 4 = broadband amplification function

(Refer to Figures 7 & 8 and to Table 11)

The S2 function switch is replaced by a 4-position, 6-pole rotary switch (Mouser 10WR064, or equivalent) and is wired in with additional components R8, R9, and the TA1 transformer assembly. This option requires installation of Option 3 (higher gain). When installed, Option 4 provides a fourth function switch setting: Broadband Amplification. This is particularly useful when the input is already of a narrowband nature (such as a phasing-unit output or the low-impedance coupling-coil output

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