

November 26, 1994 - Volume 32 - Number 11 - Edition 1037-ISSN 0899-9732

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FLASH..FLASH..FLASH: Saturday December 3, 1994 - KDEX 1590, PO Box 249
Dexter MO 63641. Will conduct a test at a power of 620 watts with Morse
code ID's. Reception reports to: KDEX AM & FM.(Arranged by the NRC CPC)

REJOIN: Duncan Shaw, San Rafael CA. **RENEWALS:** Doug Lamerson, Honolulu
HI, William Wyllie, Franklin MA, Galen Fountain, Harrison AR. Welcome
back Duncan and thank you all very much. You keep me working...Thanks..

MEMBERSHIP RENEWAL: If your address label reads 32-11, 32-12 or 32-13
it is time to renew your membership. When it is time for you to renew
I will put a note on the front page of your DX Monitor. Please keep the
eye open for the note. I will give you advance notice to renew..Thanks..

DX WORLDWIDE EAST:Is at the back of this DX Monitor because it showed
up late. It starts on page 20. I said I was not going to do this and
here I am adding something to a DX Monitor already pasted up. Only 23
more issues and I am out of it. Quick someone call in and take over...

WANTED: Hammarlund HQ-129X, I am looking for one of these receivers,
working or not. Drop me a line: Ralph Sanserino PO Box 1831, Perris CA
92572. A low low price deal. Receiver not modified.....Thanks.....

ANTENNA EXPERIMENTS - SUMMER 1994 by MARK CONNELLY. With the addition
of DX Worldwide East I had some extra space to use up so I started the
article by Mark. It starts on page 22 and will be continued next issue.



DX TEST BULLETIN

• DX TESTS ARRANGED BY IRCA AND NRC •

NOVEMBER 1-DECEMBER 1, 1994 - CJSB-540, 1504 MERIVALE ROAD, OTTAWA, ON K2E 6Z5, CANADA WILL CONDUCT A DX TEST EVERY DAY AND NIGHT DURING THE MONTH OF NOVEMBER. CJSB WILL INSERT MORSE CODE ID'S DURING THEIR REGULAR ROCK FORMAT PROGRAMMING, AND THIS WILL RUN 24 HOURS PER DAY. THIS WILL RUN UNTIL CJSB LEAVES THE AIR, WHICH, ACCORDING TO CJSB'S ENGINEER, WILL BE DECEMBER 1ST. RECEPTION REPORTS MAY BE SENT TO: MR. JEFF RUCK - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, NOVEMBER 28, 1994 - CJGX-940, 120 SMITH STREET EAST, 4TH FLOOR, YORKTON, SK S3N 3V3, CANADA WILL CONDUCT A DX TEST BETWEEN 1:00 & 1:30 AM EST. THE TEST WILL INCLUDE TEST TONES, VOICE ID'S, MORSE CODE ID'S, AND COUNTRY MUSIC. POWER WILL BE 10 KW USING A NONDIRECTIONAL ANTENNA PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. KELLY OSMAN - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, NOVEMBER 28, 1994 - WMAM-570, P.O. BOX 609, MARINETTE, WI 54143 WILL CONDUCT A DX TEST BETWEEN 1:00 & 3:00 AM EST. THE TEST WILL INCLUDE TEST TONES, VOICE ID'S, AND MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. DAVE SCOTT - OPERATIONS MANAGER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, NOVEMBER 28, 1994 - KFJM-1370, BOX 8117, GRAND FORKS, ND 58202 WILL CONDUCT A DX TEST BETWEEN 1:30 & 2:00 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. JOHN AASEN - DIRECTOR OF ENGINEERING. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, NOVEMBER 28, 1994 - WVKO-1580, 4401 CARRIAGE HILL LANE, COLUMBUS, OH 43220 WILL CONDUCT A DX TEST BETWEEN 1:30 & 2:00 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S AND URBAN CONTEMPORARY MUSIC. RECEPTION REPORTS MAY BE SENT TO: MR. JOHN MAROCCHI - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

SATURDAY, DECEMBER 3, 1994 - KGTL-620, P.O. BOX 103, HOMER, AK 99603 WILL CONDUCT A DX TEST BETWEEN 5:30 & 6:30 AM EST. THE TEST WILL INCLUDE "PATRIOTIC" MUSIC, TEST TONES, AND MORSE CODE ID'S. RECEPTION REPORTS SENT TO: MR. DAVID F. BECKER (KL7HSB) - PRESIDENT & GENERAL MANAGER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

SUNDAY, DECEMBER 4, 1994 - WTRW-1590, 1414 16TH STREET, TWO RIVERS, WI 5424 CONDUCT A DX TEST AT A POWER OF 1,000 WATTS BETWEEN 5:30 & 6:00 AM EST. THE TEST WILL INCLUDE MORSE CODE ID'S AND AN UNSPECIFIED SELECTION OF MUSIC (INCLUDING ONE "VERY IDENTIFIABLE" SONG). RECEPTION REPORTS MAY BE SENT TO: MR. MARK HELLER - PRESIDENT. (ARRANGED BY THE NRC CPC)

MONDAY, DECEMBER 5, 1994 - WHBY-1150, P.O. BOX 1519, APPLETON, WI 54913 WILL CONDUCT A DX TEST BETWEEN 1:00 & 2:00 AM EST. WHBY WILL STICK TO IT'S REGULAR FORMAT OF "MIDDLE-OF-THE-ROAD" MUSIC, AND WILL AIR MANY EXTRA VOICE ID'S DURING THE TEST PERIOD. ADDITIONALLY, WHBY WILL OPERATE OUTSIDE THEIR NORMAL NIGHTTIME PARAMETERS AS FOLLOWS: FROM 1:00 TO 1:20 AM, WHBY WILL UTILIZE THEIR 5,000 WATT DAY PATTERN. FROM 1:20 - 1:40 AM, THEY WILL USE THEIR 5,000 WATT NIGHT PATTERN. AND, FROM 1:40 - 2:00 AM, WHBY WILL BE USING THEIR 1,250 WATT NON-DIRECTIONAL EMERGENCY ANTENNA. RECEPTION REPORTS MAY BE SENT TO: MR. STEVE BROWN - CHIEF ENGINEER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

MONDAY, DECEMBER 5, 1994 - KGLE-590, P.O. BOX 931, GLENDIVE, MT 59330 WILL CONDUCT A DX TEST BETWEEN 3:00 & 3:30 AM EST. THE TEST WILL INCLUDE CHRISTIAN MUSIC, TEST TONES, & MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. JIM MCBRIDE - MANAGER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

TUESDAY, DECEMBER 6, 1994 - KLTC-1460, P.O. BOX 1478, DICKINSON, ND 58602-1478 WILL CONDUCT A DX TEST BETWEEN 2:30 & 3:30 AM EST. THE TEST WILL INCLUDE POLKAS, MARCH MUSIC, AND MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: SENATOR RAY DAVID - OWNER AND GENERAL MANAGER. (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

SATURDAY, DECEMBER 10, 1994 - WERA-1590, 120 WEST 7TH STREET, PLAINFIELD, NJ 07060 WILL CONDUCT A DX TEST AT A POWER OF 500 WATTS BETWEEN 4:30 & 5:00 AM EST. THE TEST WILL BEGIN AFTER CNN NEWS, AND WILL INCLUDE "A SONG THAT PEAKED IN 1973", AND POSSIBLY TEST TONES & MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. JESSE CARROLL. (ARRANGED BY THE NRC CPC)

SUNDAY, DECEMBER 11, 1994 - CKQR-760, 525 11TH AVENUE, CASTLEGAR, BC V1N 1J6, CANADA WILL CONDUCT A DX TEST BETWEEN 3:00 & 6:00 AM EST. THE TEST WILL INCLUDE OLDIES MUSIC, VOICE ID'S, AND MORSE CODE ID'S. POWER WILL BE 20 KW, USING A NON-DIRECTIONAL ANTENNA PATTERN. RECEPTION REPORTS MAY BE SENT TO: MR. KEVIN MCKINNON (VE7KEV) - CHIEF ENGINEER. NOTE: THIS TEST WILL BE SIMULCAST OVER CKGF-1340, AND THESE LOW POWER FM REPEATERS; CKGF-FM1 (93.3), CKGF-FM2 (96.7), CKQR-FM1 (103.5), & CKGF-FM3 (103.7). (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

SUNDAY, DECEMBER 11, 1994 - CKGF-1340, GRAND FORKS, BC CANADA WILL CONDUCT A DX TEST BETWEEN 3:00 & 6:00 AM EST. THE TEST WILL INCLUDE OLDIES MUSIC, VOICE ID'S, AND MORSE CODE ID'S. RECEPTION REPORTS MAY BE SENT TO: MR. KEVIN MCKINNON (VE7KEV) - CHIEF ENGINEER, c/o CKQR-AM, 525 11TH AVENUE, CASTLEGAR, BC V1N 1J6, CANADA. NOTE: THIS TEST WILL BE SIMULCAST OVER CKQR-760, AND THESE LOW POWER FM REPEATERS; CKGF-FM1 (93.3), CKGF-FM2 (96.7), CKQR-FM1 (103.5), & CKGF-FM3 (103.7). (ARRANGED BY J.D. STEPHENS FOR THE IRCA CPC)

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BROADCASTING INFORMATION



Editor:
Robert Wien
1309 Dentwood Drive
San Jose, CA 95118

DEADLINES: 2nd & 4th Saturdays.

Compiled: 11/10/94

Much of this information was compiled from M Street Journal, DXM, and various other sources.

CONSTRUCTION PERMIT ACTIVITY:

IL. Rantoul	WRHL-1060	add night service 20 DA-1
MA. Worcester	WCRN-830	on the air
MD. Bethesda	WTVM-570	dec. to 4700/3200
MO. Nevada	KNEM-1240	dec. to 500/500
TN. Gallatin	WYXE-1130	dec. to 2300-D, 940-CH
TX. San Antonio	KONO-860	dec. to 900-N

FACILITY & PARAMETER APPLICATIONS:

TX. Wichita Falls	KLLF-1290	dec. to 73-N
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FACILITY & PARAMETER GRANTS:

IL. Sycamore	WSQR-1560	add night service, 176-ND
NC. Forest City	WWOL-780	inc. to 10000-D, ND
PA. Butler	WISR-680	add night service, 50 w.

CALL LETTER CHANGES:

IN. Connersville	WIFE-1580	becomes WCNB
KY. Louisville	WJDX-1080	becomes WRES
ME. Brunswick	WCLZ-900	requests WKOL
PA. Chester	WAWA-1590	becomes WPWA
Portage	WHYM-1470	becomes WZGO
SC. Spartanburg	WYYR-1400	becomes WMMZ "Memories"
VA. Claremont	WARO-670	becomes WBVS (CP)

FORMAT CHANGES:

CA. Sacramento	KHTK-1140	was talk, country, adds ESPN Sports Babe
	KSQR-1240	was KSAC, sports, to be SS//KOQO (currently silent-ed.)
Sonora	KVML-1450	was country, now talk, sports (NBC, ABC, EFM, WOR, WW1, ESPN, Sports By-Line)
CO. Grand Junction	KQIL-1340	was SMN oldies, now SMN Real Country
	KEXO-1230	was WW1 oldies, now WW1 AC
FL. Belle Glade	WSWN-900	was gospel, urban, adds SMN Urban Gold
Titusville	WAMT-1060	was oldies, now stds, C&W, talk
IL. Carbondale	WCIL-1020	was AS, now WW1, CNN Headline nx
KS. Mission	KBEA-1480	was stds, talk, now CSN Children's
Salina	KFRM-550	was country//FM, adds PRN talk
KY. Lexington	WLAP-630	was sports, adds Sports By-Line
MA. Boston	WSSH-1510	was TalkAmerica talk, now SS
Worcester	WCRN-830	is new, religion
MI. Monroe	WHND-560	was oldies, now brokered ethnic
MS. Jackson	WJDS-620	was AC, talk, now country//WMSI
NY. Beacon	WENR-1260	was oldies, now talk, sports (WW1, Sports By-Line)

FORMAT CHANGES (CONT.):

Sandy Creek	— WSCP-1070	was gospel, now silent
NC. Wadesboro	— WADE-1340	was silent, now religion
OK. Lawton	— KKRX-1050	was sports, talk, now WWL stds.
PA. Johnstown	— WJAC-850	was SMN country, now SMN AS
Philadelphia	— WZZD-990	religion, adds MGS c. Xtian (MGS broadcasts 12 hrs/day, mid-day, nites)
SC. Spartanburg	— WMMZ-1400	was gospel, now WWL AS
SD. Sioux Falls	— KSOO-1140	was nx, talk, adds Sports By-Line
TN. Bartlett	— WGSF-1210	was c. Xtian, now WWL CNN Headline nx (local nx mornings)
TX. Corpus Christi	— KRY5-1360	was sports, now sports, C&W//FM (sports only 7-9 AM)
Highland Park	— KVIL-1150	was AC//FM, now WWL AS
Victoria	— KAMG-1340	was country, now nx, talk (CNN/WWL Headline nx, EFM, Texas State Network)

Jim Hilliker of Monterey, CA. sends along the following tip (confirmed by Dennis Gibson of Goleta, CA.):

CA. Monterey	KIDD-630	will come back on air w/Unistar "AM Only" format, possibly about December 1, "Magic 63" slogan, currently silent
Capitola	KMBY-1540	was SS/KVRG-FM, now motivational talk from "Personal Achievement Network", slogans are "Your Personal Growth station", "The Winner's Network" & "Personal Achievement Station"

(Note: this info also partially confirmed by ye editor).

Tom Bryant of Nashville, TN. sends along the following tip:

TN. White Bluff	WQSE-1030	back on after 3 montha absence, gospel format.
IL. Chicago	WMBI-1110	noted w/SS religious programming
Ottawa	WCMY-1430	noted w/nostalgia programming
TN. Nashville	WLAC-1510	dropped overnite religion/R&B, now "Road Gang" nights
NY. Buffalo	WWKB-1520	also carrying "Road Gang" overnite
IA. Waterloo	KXEL-1540	also carrying "Road Gang" overnite

Tom also confirms earlier info for WYXE-1130 TN.

Eric Bueneman of Hazelwood, MO. passes on the following info:

MO. St. Louis	KSTL-690	was rel AM, SS AC PM's, now Urban Gospel "The Soul of St. Louis"
IL. Highland	WINU-880	was AC/oldies, adds ethnic music PM's
MO. Joplin	KWAS-1230	was WWL stds, now SMN Stds, still "AM 1230 K-was"
Potosi	KYRO-1280	was C&W, adds KTVI-TV 2 nx 5 PM
Washington	KSLQ-1350	was AC/?FM, adds KTVI-TV 2 nx 5 PM
Sullivan	KTUI-1560	was nx/talk, adds PRN talk
IN. South Bend	WHLY-1580	was nx/talk, now SMN AS "Radio Hollywood"
IL. Galesburg	WAJK-1590	was oldies/talk, now big bands

Ye editor passes on the following tips:

WA. Seattle	KING-1090	per call to station 11/4, still KING, not KINF yet
OR. Lakeview	KQIK-1230	per call to station 11/4, still KQIK, not KRIT yet, application still under review
CO. Denver	KYGO-950	per call to station 11/4, will change calls to KKFN, go all-sports, and swap frequencies with KWMX-1600 in December

Wow, that's a big column! 2 weeks till Thanksgiving, hope you'll be 'stuffing' your log with new catches! 73's.



DX Worldwide - West

PAT MARTIN PO BOX 843 SEASIDE, OR 97138

Time: UTC

Phone (503) 861-3185

DEADLINE: MONDAYS

PAN-AMERICAN DX ROUNDUP

- 870 UNID, SS 11/7 at 1315 weak u/KIEV loop SE definitely a Mexican possibly new XETAR as reported by LG-MT. recently? Never got an ID, faded out before an ID. Will keep checking. Never hrd an SS on this freq. before! (RW-CA)
- 890 CUBA, Unknown location on top w/Radio Progreso ID at 0245 10/30. (LG-MT)
- 990 TMEXICO, Cd. Cuauhtemoc, Chih. XEER prob. the one on top at 1306 10/31 w/ment. of "Sierra Tarahumara". This city is near Guachochic where XETAR-870 "La Voz de la Sierra Tarahumara" is located. By the way, Bob Wien and I have decided XEER is the station we hrd here broadcasting in German last Aug-Sept. per new Mex. Log. (LG-MT)

TRANS-PACIFIC DX ROUNDUP

- 558 PHILIPPINES, Makati-DZXL-at 1458 11/13 in Filipino, 560 slop, 1506 man w/ID "D-Z-X-L" with mx of Ethel Merman "There's No Business. Like Show Business", in very brief. (DW-OR)
+Also logged at 1445 11/14 with man in Filipino, followed by the same ID jingle hrd last month "Super D-Z-X-L" into more Filipino talk. (PM-OR)
- 594 JAPAN, Tokyo-JOAK-in poorly 11/14 at 1449 with man in JJ. Surprised signal so poor as this has been a "Powerhouse" all Fall. (PM-OR)
- 630 PHILIPPINES, Quezon City-DZMM presumed the source of the Filipino talk way behind domestics at 1505 11/14. (PM-OR)
- 639 PHILIPPINES, Filipino talk in jumble at 1510 11/14. DYAG-Cadiz City is the most common here. (PM-OR)
- 666 PHILIPPINES, Navotas-DZRH-good with man in Filipino, ment. of call letters in talk at 1502 on 11/14. (PM-OR)
- 864 REP. OF KOREA, Kangnung-HLKR-presume of source of the KK talk at 1515 on 11/14, with some Disco music. (PM-OR)
- 882 UNIDS, several stations here in jumble at 1523 11/14 (PM-OR)
- 954 JAPAN, Tokyo-JOKR-good with man and woman in JJ with Pop JJ mx at 1512 11/14. (PM-OR)

VERIFICATIONS

- 1548 AUSTRALIA, Emerald-4QD-for 5/28 reception after f/up, by letter from David Anderson, Senior Broadcaster at 4RK-Rockhampton. Apparently there are no personnel at 4QD now. (LG-MT)

THANKS TO THESE REPORTERS

- LG-MT LARRY GODWIN-2390 CLYDES DALE LANE-MISSOULA MT 59801
Hammarlund HQ-150, Sanserino air-core Box Loop
- DW-OR DAVE WILLIAMS-615 HIGHWAY 101-ASTORIA OR 97103
ICOM TX-KIWA Loop
- PM-OR YOUR EDITOR
Drake R8, Term. 200' SW wire, 2000' NNW Beverage, 1500' E. Bev.
- RW-CA ROBERT WIEN-1309 DENTWOOD DRIVE-SAN JOSE CA 95118
GE Superradio

14WIEL **wkmo**
106 FM

WESTERN DX ROUNDUP



Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520-4527

 **PRODIGY**
FMFT21B

Electronic Mail: 73201.2263@CompuServe.com, Prodigy FMFT21B, or
NancyHardy@AOL.com. E-Mail deadline: 6pm Mondays.
WDXR DEADLINES: Every Monday. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (LG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59801
Hammarlund HQ-150, Sanserino air-core box loop & KIWA loop
- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA 98520-4527
(BH-WA1) DX'ing at Olympia, WA using 1992 Chevy Astro Van radio
- (NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
1995 Ford Mustang radio
- (GJ) Gary Jackson-7735 Center Parkway-Sacramento, CA 95823
FRG 8800, KIWA loop
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138-0843
Drake R8, 2000' NNW Beverage, 1500' E Beverage, terminated 200' SW wire
- (bp) Bruce Portzer-6546 19th Ave. NE-Seattle, WA 98115
Ford car radio
- (MS) Mike Sanburn-P.O. Box 1256-Bellflower, CA 90707
GE Superadio II, Collins R-390, Aiwa HS-JS415 recorder
- (TW) Ted Wendland-#1406-700 Hamilton Street-New Westminster, BC V3M 2M6
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio II, GE long-range portable, SM-2

OF SPECIAL INTEREST

- 680 (KNTK/KLDY) WA, Lacey 11/9 & 11/13 temporarily silent. KNTK has requested return to KLDY callsign, but not heard either day in Olympia area. (BH-WA1)
- 1230 KOBK MT, Bozeman ex-KZLO 11/8 0900 ended an oldie and gave legal ID. (LG-MT)
- 1240 (KSQR) CA, Sacramento per call to station 11/4, has changed calls to KSQR, ex-KSAC, but currently SILENT, when they will come back on is unknown. (RW-CA)
- 1590 KAHS CA, Ventura 11/1 2113 message from Agoura Animal Hospital, Radio Aahs slogan, musical parody of song "Hit the Road Jack." Ex-KBBY, KOGO, KBBQ, KUDU. (MS-CA)
- 540 KVIP CA, Redding 10/31 2128 two minute plea for listeners to support ministries heard on KVIP by sending money to KVIP P.O. Box in Redding or directly to ministries. Pattern change at 2130 and they were gone. New. (TW-BC)
- 550 KCWR CA, Bakersfield 11/11 1910 fair with C&W music, spots under KOAC. (PM-OR)
KBOW MT, Butte 11/4 0200 C&W music, legal ID into CBS news. Local KARI was off the air so this was a pleasant surprise. (TW-BC)
- 590 KTHO CA, South Lake Tahoe 11/11 1921 "The New KTHO," adult contemporary music over/under KUGN. (PM-OR)
KUGN OR, Eugene 11/9 1633 fair with early mid-day skip. Oregon talk show, mentioned caller from KCMX-580 in Medford area. By 1638 a little nostalgia music was audible underneath, likely KAQQ Spokane! (BH-WA1)
- 620 ?KKGM? CO, Grand Junction 11/7 0429, 0924 tentative with NOS format. Had run unID talk show earlier, fading over/under but generally under KTAR in KINK null, frequency clear otherwise. Still in good until KCLQ s/on at 0930. They run Unistar "AM only" format per new M Street. Tentative, ex-KKTK. (RW-CA)

- 650 KSTE CA, Rancho Cordova 11/14 0950 end of weather report for Lake Tahoe area, "KST" slogan, then into business report. Completely over CISL. (NH-WA)
- 780 KAZM AZ, Sedona 11/8 0800 snuck through KKOH with AP Radio news, then local news at 0805. (LG-MT)
- 830 KNCO CA, Grass Valley 10/31 2158 Bruce Williams Talknet, local spots, ID "This is KNCO Grass Valley-Nevada City" into network news. New. (TW-BC)
+11/11 1845 good with "Talkradio 830, KNCO," slight KSWB-840 splat. (PM-OR)
- 840 KSWB OR, Seaside 11/7 1953 spot for The Crab Broiler Restaurant into ID "You're on the beach with KSWB Seaside, digital AM stereo." Strong signal, then lost to slop from local CKMA-850. New. (TW-BC)
- 870 WWL LA, New Orleans 11/7 0000 good on top of jumble with end of relig. program, ID "This is 870 AM, WWL" (jingle followed) "New Orleans" into Billy Graham program. Haven't heard this in a while. (PM-OR)
- 950 KYGO CO, Denver per call to station 11/4, still KYGO. Won't change to KKFN and all-sports format for about a month. Will eventually swap 950 with 1600, KWMX, hopefully by end of year. (RW-CA)
- 970 KBEE CA, Modesto 11/11 1850 dominant with adult standards and "KBEE" ID. (PM-OR)
- 1080 KSCO CA, Sant Cruz 10/31 0925 Good Morning Monterey on KSCO, James Limbaugh with business news feature. No sign of KWJJ. New. (TW-BC)
- 1090 KING WA, Seattle per call to station 11/4, only got their answering machine, but it said "Hello, you've reached KING 1090..." So, they're not KINF yet, and PM-OR in letter to me says they're still KING, when they will change is still to be announced. (RW-CA)
- 1100 *KFAX* CA, San Francisco 11/5 0715 on with test tone. (RW-CA)
- 1140 KGEM ID, Boise 11/7 2032 spot for Willie Sullivan for Superintendent, Jimmie Rodgers song, K-Gem 1140 ID, satellite announcer into Sinatra song. CKIQ & KHTK interference. Last heard in early 80's. (TW-BC)
- 1180 KERI CA, Wasco 10/31 1029 end of Focus on Family, "Listen to Focus on the Family three times daily on K-E-R-I, Family Talk Radio," into PSA. New. (TW-BC)
- 1190 KXBT CA, Vallejo 11/11 1853 mixing with KEX with Housing Services announcement, contest, ID into Michael Jackson song. (PM-OR)
- 1230 KLCB MT, Libby 11/7 0900 on top with ID. (LG-MT)
KQIK OR, Lakeview per call to station 11/4, hasn't changed calls to KRIT. Call change is "still under review by FCC." It has been granted! Will keep checking on them, They do use the Q-93 slogan, so this was my unID Q-93 of a few weeks ago. (RW-CA)
- 1240 KNRY CA, Monterey 10/31 0920 promo for KNRY Morning Show 7-9am. Was dominant over KGY and others. Last heard as KMBY in 1970. New. (TW-BC)
CJOR BC, Osyoos 11/1 0325 Good Time Oldies satellite show, ID "You're listening to OR Radio." Last heard as CKOO. New. (TW-BC)
- 1250 KIKC MT, Forsyth 11/2 0858 spots for Miles City Livestock Auction, & western wear store in Billings, legal ID "KIKC Miles City-Forsyth" into local news. Totally lost to KKDZ at top of hour. New. (TW-BC)
?KKDZ? WA, Seattle 11/7 1024 possible on very brief fade up over KWSU with KLLK partially nulled, KTMS already faded out. Children talking and laughing, then song "I Love Your Smile" by Shanice, faded out real quickly! Not even enough for a tentative... What's their pattern??? (RW-CA)
- 1260 (KOIT) CA, San Francisco 11/7 0410 totally off all night (I think), or running extremely low poer. Frequency a real GY. Tried for KLYC-OR, ex-KCYX, no show. (RW-CA)
- 1280 KDUK OR, Eugene 10/31 2209 ESPN Network sports, suddenly into "You're tuned to 12-80 K-D-U-K Eugene-Springfield," back into ESPN. Strong over KIT. Call change for me, last heard as KBDF in late 70's. (TW-BC)
KDYL UT, Salt Lake City 11/6 1030 Whitney Houston tune into "Utah's KDYL," contest for Nat King Cole CD giveaway. All alone on frequency. New. (TW-BC)
- 1300 KDOV OR, Phoenix 11/14 1000 NBC news, 1005 "K-Dove" slogan into weather. Strong, mostly over KMPS. (NH-WA)
- 1340 KATA CA, Arcata 11/9 0112 ID briefly above jumble "K-A-T-A" into news. (PM-OR)
KORV CA, Oroville 11/11 1840 fair with contest, "KORV Oroville," KATA QRM. (PM-OR)
- 1400 KVTO CA, Berkeley 11/4 2047-2054 booming in with Japanese program. No call ID, but

very long string of ads for Oakland & other Bay Area cities pinned it down. Gone by 2058. (bp-WA)

+11/9 0100:30 fair briefly on top with ID "KVTO Berkeley-San Francisco-San Jose." I doubt they cover San Jose at night. (PM-OR)

?KUNA? CA, Indio 11/9 0059:55 possible ID in jumble, but too much QRM to tell. (PM-OR)

KUKI CA, Ukiah 11/2 2038 dominant with local news by woman, gradually lost in jumble. (bp-WA)

+11/9 0050 fair on top with sports with ID "You're listening to 1400, KUKI Ukiah." (PM-OR)

KTHX CA, Visalia 11/3 2235 ID "Key AM 980 Fresno" followed by "Moon River" by Andy Williams. Still not certain why they changed call letters from KEYX. Good overall signal. Legal ID at 2300. (MS-CA)

+11/4 2100 atop with "Key" slogan and legal ID for KEYQ/KTHX. May have had "For the People" talk show just before the hour. (bp-WA)

1410 KCOL CO, Ft. Collins 11/7 0130 fair under/over CFUN with "All news always, this is KCOL 1410." (PM-OR)

1420 KMOG AZ, Payson 11/9 0956 all alone with ID "Real country radio, KMOG." (LG-MT)

1450 KTIP CA, Poterville 11/11 1930 with ID, spots. (PM-OR)

1480 KHQN UT, Spanish Fork 11/5 0955 on top with ID as "Message radio for the Utah Valley, 1480 KHQN." (LG-MT)

1490 KTOB CA, Petaluma 11/9 0040 fair on top with ID as "KTOB 1490." (PM-OR)

KCID ID, Caldwell 11/7 1100 garbled spots then clean ID "You're in tune to KCID Caldwell, news of the world is next, local news at the bottom of the hour," into AP news. New. (TW-BC)

1500 WPDY857 CA, Anaheim 11/8 1530ID "This is the City of Anaheim Highway Advisory Radio WPDY857..." Gave Disneyland hours (no events at stadium or Ponder Convention Center). Good signal days! (MS-CA)

1510 KANS KS, Larned 11/4 2250 announced as "The new sound of Kansas radio" then gave legal ID "Your weather station" at 2300. New NRC Log shows this one as daytime only. 50,000-watt KGA very weak at this time. (LG-MT)

1520 KMPG CA, Hollister 10/31 1000 ranchera music, ID "This is KMPG 15-20 Hollister" into Spanish net news. No sign of KFXX. New. (TW-BC)

KOMA OK, Oklahoma City 11/6 2115 oldies music, jingle "All oldies all the time, K-O-M-A Sunday Night Sock Hop." Dominated frequency for a few minutes, then KFXX became dominant as usual. (TW-BC)

1550 KPIX CA, San Francisco 11/14 1010 strong with traffic report, ID, and ad. Over KNTR and possible KSVY. (NH-WA)

1570 CHUB BC, Nanaimo 11/5 1006 strong with ID. Hasn't changed identity yet., (LG-MT)

1590 KCNN MN, East Grand Forks 11/7 0145 promo for money program on "KCNN." No sign of KPOZ. (PM-OR)

WAKR OH, Akron 11/7 dominant at 0459:55 with "Follow the Calfs on WAKR, Akron." Good signal. (PM-OR)

1600 ?WOKB? FL, Winter Garden 11/10 0155 sounded like spot for "Blues Concert with Big Blue..." mention of what sounded like "Best blues in ... Florida" and a "WOKB," briefly mixing with KCRG, then lost in jumble. (PM-OR)

KCRG IA, Cedar Rapids 11/7 0140 in the jumble with ID "All news 1600, KCRG." (PM)

KATZ MO, St. Louis 11/10 0240 with "Listen Saturdays...on KATZ..." mixing in jumble. (PM-OR)

KOHI OR, St. Helens 10/31 1921 C&W music into KOHI weather, local spots and School Lunch Menus for November. (TW-BC)

1610 TIS ID, Stanley has new tape loop with man & woman. 11/7 0803 ment. State Highway 75. This is GJ-CA's unID with mention of Sawtooth Mountains. (LG-MT)

1620 TIS TX, Houston 11/10 0310 heard again but this time with non-stop weathercast, winds over Galveston, etc. Poor at best. (PM-OR)

DX TEST

1490 KYCA AZ, Prescott 11/7 0230-0304 DX test in mess with Morse code ID's and test tone. Process was repeated throughout the test. Heavy QRM from KOWL in South Lake Tahoe. Typical fading with fair signal strength. Heard a voice ID also. (MS)

+11/7 0243-0247 poor-fair over/under mess on frequency in KSJX-1500 null. Test tones, couple of code ID's noted. Unneeded, long verified on old (apparently defunct) frequency check. (RW-CA)

HELP WITH UNIDS

- 1010 Nigel Pimblett's 1010 unID in the Nov. 5 WDXR is KDJW Amarillo, TX, // KBUY-FM. ID's as Y-94. I've heard them here in the past. (MS-CA)
- 1290 Pete Taylor's unID 1290 in the Oct. 29 WDXR is KMEN San Bernardino, Art Laboe, "Killer Oldies." (MS-CA)

UNIDS

- 630 11/7 0345 unID testing very strong with classical music. Looped N-S. Maybe KIDD-CA is testing getting ready to come back on air in early December? Noted off 15 minutes later. (RW-CA)
- 1400 11/2 2029 ad for lottery-type game "Match 3 & win \$25,000," garbled ID by woman, then Paul Harvey's "Rest of the Story." Possibly KUKI which had similar sounding woman with news a few minutes later. (bp-WA)
- 1590 11/7 0150 Stardust net off east Beverage, // to KSHO-920. Who is Stardust in midwest, south, etc? (PM-OR)
- 1620 11/10 0330 non-stop R&B music. Sacramento College? (PM-OR)

Love the new "DX equipment" that I have, hi. We need to give the CDXR reporters special recognition this issue. It's not often that John's CDXR is longer than my WDXR. Great work, guys!!!

IRCA Mexican Log, 3rd Edition, Now Available!

After months of preparation, IRCA has published the 1994 edition of the IRCA Mexican Log.

The log lists all AM stations in Mexico by frequency, giving call letters, state, city, day power, night power, slogans, schedule in UTC/GMT, formats, networks, and notes. 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) gives frequency, call, day and night power. There is even a guide to the Spanish alphabet and numbers.

The log has been completely updated from the 1990 edition and carefully cross-checked by IRCA members in Mexico and the U.S. This is an indispensable reference for anyone who hears Mexican radio stations.

The price, payable to IRCA in U.S. funds:

IRCA/NRC Member: \$6 U.S./Canada/Mexico/seamail, \$7 rest of the Americas airmail, \$7.50 Europe/Asia airmail, \$8 Australia/New Zealand airmail.

Non-Member: \$8 U.S./Canada/Mexico/seamail, \$9 rest of the Americas airmail, \$9.50 Europe/Asia airmail, \$10 Australia/New Zealand airmail.

Order from Phil Bytheway, IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117.

IRCA AM-FM ALMANAC - 1991 Edition Reprint

IRCA has reprinted a limited number of copies of the 5th Edition of the IRCA AM-FM ALMANAC. Several DXers have expressed interest in obtaining the most recent Almanac edition from 1991, rather than waiting for the next complete Almanac in 1995.

- **1991 Edition** — This is the edition sent to the press in October 1990. Information is from 1988 thru 1990. Much of the information is still useful today.
- **Be sure to state your preference for Looseleaf or Comb Binding.** This edition is available looseleaf, ready to hole-punch and place in a binder, allowing for easy updates. Comb binding is available at no extra charge if you request it.

The price for this reprint is the same as in 1991:

IRCA/NRC member: US - \$13.00 Canada - \$14.00 Overseas Sea Mail - \$14.00 Overseas Air-Mail - \$17.00

Non-member: US - \$15.00 Canada - \$16.00 Overseas Sea Mail - \$16.00 Overseas Air-Mail - \$19.00

Send check or money order, payable to IRCA in U.S. funds, to Phil Bytheway, IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117. Thank you!

Central DX Roundup



Editor: John C. Johnson



FOR THE RECORD

ADDRESS YOUR REPORTS TO:

E-MAIL: JOHNJ53816@AOL.COM

SNAIL-MAIL: 979 NEPTUNE BLYD., BILLINGS, MT 59105-2129

AMERICA ON LINE: JOHNJ53816

COMPU SERVE: 74444,3075

PRODIGY: MPNN49A

REPORT ALL TIMES AS EASTERN.

DEADLINE: SATURDAYS.

RIDING GAIN

- [TMJ-IL] **Tom Jasinski**, 419 North Raven, Shorewood, Illinois 60435-9640
FRG-7 with Quantum loop.
- [Kaz-IL] **Neil Kazaross**, 25820 Sunset Lane, Barrington, IL 60010
Icom IC-R70, 5 longwires and/or mini-bev's all 300-350'. MWDX 3 phasing unit,
APT 2 tuner/amp. Radio West Loop.
- [TN-WI] **Tim Noonan**, 4609 Crescent Road, Apt. 5, Madison, WI 53711-4672
Drake SW-4A, "Radio West" loop.
E-Mail: Internet: tnoonan@mac.wisc.edu Bitnet: tnoonan@wiscmac
- [TJR-IL] **Thomas J. Reiser**, Box 5203, Chicago, IL 60680-5203
E-Mail: Internet: ReiserT@aol.com America On Line: ReiserT
Sony ICF-2003 with built-in antenna.
- [JJR-WI] **John J. Rieger**, 801 Sherman Avenue, South Milwaukee, WI 53172
Panasonic RF200, RF2600, Kenwood R1000, Icom IC-R70, Realistic DX 380, GE
SupeRadio. Kowalski loop.
- [RS-MO] **Randy Stewart**, 4225 West La Casa, Springfield, Missouri 65802-5615
Yaesu FRG-100 modified by EEB with 6-kc Collins filter, 4-kc filter. 4' spiral loop,
15" Sanserino amplified box loop..
- [JcJ-MT] Your editor using an Icom IC-R71A with a Radio West loop.

DOWN THE DIAL

- 560(WIND) IL, Chicago. 10/31 0315-0330 off the air for maint. KLVI bombing in. [TMJ-IL]
590 KFNS IL, Wood River. 11/5 good. 0100 with legal ID, sports format. Needed for call
change. [TN-WI]
- 660 KEYZ ND, Williston. 11/7 good. 1315 with end of Paul Harvey, 1318 "News Radio 6-60
keys country" into local news. [JcJ-MT]
- 730 WPIT PA, Pittsburgh. 11/6 good. 1733 with call ID in ethnic (Polish?) program. [TN-WI]
- 830 KUYO WY, Evansville. 10/28 poor u/WCCO. 2030 caught sign off. "KUYO Evansville,
Casper" ID. New for me. [RS-MO]
- 850 WYDE AL, Birmingham. 10/23 fair o/u/KOA. 2035 with sports talk show. Frequent mentions
of Birmingham and UofAL-Birmingham. 2039 with "8-50 AM WYDE" ID. [RS-MO]
- 930 KOGA NE, Ogallala. 11/7 fair o/u/WKY. 1800 coming out of a Roger Miller song with
"Playing the music you love and keeping you informed, this is stereo 9-3-oh KOGA
Ogallala. It's 4 o'clock." Into ABC news. Time check seemed odd, but apparently
they're in the Mountain zone. New log for me, station #700. [RS-MO]
- 950 KXJK AR, Forrest City. 11/7 fair. 1745 with spot for 1st National Bank of Eastern
Arkansas. Area weather... "in downtown Forrest City, 73 degrees here at stereo
9-50 KXJK." Into Orleans' 1975 hit "Dance With Me." New log. [RS-MO]
- 970 KSYL LA, Alexandria. 10/31 good in WAVG null. 2251 with spot for LSU vs AL football
"...Saturday at 5:30 on the voice of the LSU Tigers...AM 9-70 KSYL." [RS-MO]
- WDAY ND, Fargo. 11/7 poor in WAVG null. 2157 coming out of Talknet into local spot, ID
emerged out of sludge. "9-70 WDAY Fargo. Morehead." Into NBC news. ND

CDXR continued....

- needed, but I'll need more than this for a report. Very rough copy, could only pull it out in selectable-sideband mode. New log. Can anyone confirm they mention Morehead in ID's? [RS-MO]
{Randy, I can't hear them here due to KDWG, but I'm sure they mention Morehead. Fargo, ND and Morehead, MN are all one big city. John-John.}
- 980 CKRM SK, Regina. 11/5 fair. 2310 with bluegrass music, SK weather. New. [TJR-IL]
- 990 WGSO LA, New Orleans. 11/7 good. 0214 with weather, ID, slogan "News 9-90." Needed for call change. [TN-WI]
- 1000 KXRB SD, Sioux Falls. 10.27 poking thru local WMVP phase null. 1946 with ID by plains accented woman after country music. Power cut and KTOK was noted. [Kaz-IL]
- 1010 KSIR CO, Brush. 10/29 good with easterly stations reduced by phasing. 2007 with weather, local volleyball scores, and weather mentioning "49 degrees in downtown Fort Morgan." Oldies music followed. [Kaz-IL]
- KSYG AR, Little Rock. 11/7 in fair. 0200 with legal ID, talk format. Needed for call change. [TN-WI]
- 1020 KCKN NM, Roswell. 11/4 fair to good in KDKA null. 2348 IDs, promo for new Star Trek movie. State #39 logged from Madison. [TN-WI]
- 1050 CKSB MB, Winnipeg. Tentative. 10/27 atop 1050 in good NW conditions. 1940 assumed to be the FF with news. [Kaz-IL]
- KLOH MN, Pipestone. 11/7 fair in XEG null. 2244 out of a spot cluster with ID "More and more people prefer the great stereo country of KLOH Pipestone, ten-five-oh." Unneeded, but not heard in a while. Night power 238 watts. [RS-MO]
- 1060 CFCN AB, Calgary. 10/21 mostly atop w/KWVY phased out. 2038-3045 playing alternative rock music. Then "Calgary's....radio. Mix 10-60" ID and later "New Music Radio Mix 10-60" [Kaz-IL]
- KFIL MN, Preston. 10/17 poor u/KYW on NW LW. 1930 tuned into sign off. [Kaz-IL]
- 1070 CHOK ON, Sarnia. 11/7 fair. 2220 with "GTO, Good time oldies" satellite feed. Gave "Goldline" number 1-800-563-3003. Phone request from a lady in New Brunswick. Local "CHOK" sung ID between songs at 2226. My heart skipped a beat when I first heard the New Brunswick mention -- much needed province here, hi! But it wasn't CBA... and this definitely wasn't CBC programming. [RS-MO]
{Randy, I have an old CBA verie from the 1960s. Logged NB from WY. John-John.}
- KNX CA, Los Angeles. 11/3 atop SS LA's in AU conditions. 2149 IDs, time checks, and traffic jam reports. My first west coaster. [Kaz-IL]
+11/2 good, alone. 2210 with ID, news. This was during almost complete absence of skip from anywhere in the USA. Only WOAI and WBAP were coming in, no east coast nor southern stations. [TMJ-IL]
- 1090 KYBG CO, Aurora. 10/21 o/phased KAAV. 1950-2000 with sports talk. "K-Big Radio" slogan into local spots. [Kaz-IL]
- 1100 WSGI TN, Springfield. 10/28 through WWWE phase null and o/growl/low het caused by HJAT. 2042-2100 with Springfield Yellowjackets vs Hendersonville Commandos high school football. Logged again on 11/4. 1932 with several IDs, country music, and promo for upcoming football game. What is their night power? [Kaz-IL]
- 1130 CKWX BC, Vancouver. 11/5 poor u/WISN. 2321 with country music. Thanks to Ton Jasinski for the tip to try for this one. New for me. [TJR-IL]
+11/5 fair to poor w/WBBR, WISN. 2250-2300 with calls and talk about Canadian sports. [TMJ-IL]
- WBBR NY, New York. 11/4 fair. 2353 IDs in jumble. [TN-WI]
- WLBA GA, Gainesville. 11/7 excellent. 2115-2203 with SS program. "La Mexicana." Female announcer, lively Mexican music. Taking calls on the air. Thick accented male voice ID then signal disappeared at 2203. Must have been on with full power (10000 watts as per log). There was no sogn of this station on the previous day! Also, WLBA was listed as silent since 1991. [TMJ-IL]
- 1140 KNAB CO, Burlington. 10/29 fair to good with WRVA phased out. 2012-2015 with country music, weather and then sign off. [Kaz-IL]
- KNEI IA, Waukon. 10/21 clear w/WRVA phased. 1923-1927 with list of local steer prices and then sign off. Mentioned to tune to FM. [Kaz-IL]

CDXR continued....

- 1140 **KPWB** MO, Piedmont. 10/27. 2255 with sign off after Gospel music. Mentioned 300 watt PSSA (Note, NRC log gives a lower power.) and 1000 watts daytime. [Kaz-IL]
KXNO NV, North Las Vegas. 10/29 o/KZMQ w/WRVA phased. 2056 with two casino spots and "Casino Radio" slogan. [Kaz-IL]
KZMQ WY, Greybull. 11/7 good. 1320 with local spots, "Hot new country on KZMQ" ID back into satellite fed country. [JcJ-MT]
+10/20 way o/KSOO, w/WRVA pest phased out. Area spots, ID into country music. No trace of KZMQ using loop. Seem to run past their LSS, PSSA. [Kaz-IL]
- 1150 **CJRC** PQ, Gatineau. 11/3 fair. 2226 with FF call-in show. [TJR-IL]
+Tentative logging 10/21 o/u/noise. 2353-2359 with two FF men talking and whad sounded like a call ID. [Kaz-IL]
- 1160 **KENS** TX, San Antonio. 10/21 poor with lots of interference from KSL and various Latins. 2220 surfaced w/"11-60 KENS. All-news, all the time" into sports update. [RS-MO]
- 1170 **KVOO** OK, Tulsa. 11/5 fair. 2337 with talk about NBA. [TJR-IL]
WWVA WV, Wheeling. 11/5 fair. 2339 with country music. [TJR-IL]
- 1200 **CHMG** AB, St. Albert. 10/25 faded atop WOAI and traces of WOPA. 0522 with oldies, "KG 1200" slogan. Promo for \$100 bill give away. [Kaz-IL]
- 1220 **KQMG** IA, Independence. 10/21 o/u/WIMN and sometimes KDDR. Pest WKNR phased. 2100-2200. I caught one local mention and some IA mentions during half-time show of high school football game. Called to confirm. [Kaz-IL]
- 1290 **WCBL** KY, Benton. 10/29. 1845-1847 with local spots including Countryside Chevrolet in Benton before UofK football game. [Kaz-IL]
- 1310 **KLIX** ID, Twin Falls. 11/7 weak in mess. 0128 with ID during break in Bruce Williams talk program. [JcJ-MT]
- 1320 **CHMB** BC, Vancouver. 11/7 good with KELO, KCNR nulled. 0129 with EE ID into foreign language programming. Needed for call change. [JcJ-MT]
KELO SD, Sioux Falls. 11/7 good with CHMB, KCNR nulled. 0120 with rock oldies. Numerous "KELO" mentions. [JcJ-MT]
- 1380 **WMPS** TN, Millington. 10/28 fair to good. 2045 with Gospel music and many "AM 13-80 WMPS" IDs. [RS-MO]
- 1440 **KITA** AR, Little Rock. 10/31 good atop frequency. 1746 with southern Gospel music on the "Music Man" program. Frequent call/frequency IDs. Slogan "The People's Choice. 1440." 1758 ID "You're listening to KITA 1440 Little Rock, Arkansas." New for me. [RS-MO]
WZYX TN, Cowan. 11/7 good. 1807 with "14-40 ZYX" ID. [TN-WI]
- 1450 **KATE** MN, Albert Lea. 11/5 in poor o/slop. 0557 with satellite fed NOS/Standards format. "This is your station for your favorite hits. KATE." Daytime format is country. One of my closest unheards, new for me. #2060. [JJR-WI]
- 1460 **KDMA** MN, Montevideo. 11/4 poor. 2050 with recap of 1st period of local hockey game. "....on 14-60 KDMA." [TJR-IL]
- 1480 **WBBP** TN, Memphis. 10/31 very good, atop frequency. 1801 with Gospel music and ID "Praising God all day, every day. WBBP Memphis." New for me. [RS-MO]
WLPH AL, Irondale. 10/31 poor u/WBBP. 1800 with "Alabama's only all-Gospel radio station. AM 14-80 WLPH Irondale." New for me. [RS-MO]
- 1490 **KEYG** WA, Grand Coulee. 11/7 faded up with legal ID in mess while listening to KYCA test. Semi-Local KBSR nulled as best as possible. 0300 with "This is KEYG Grand Coulee." Much needed, but not enough for a reception report. [JcJ-MT]
WKRO IL, Cairo. 11/1 poor, but dominant. 1826 with satellite country. Station promo heard. New logging for me. [JJR-WI]
- 1500 **KSTP** MN, St. Paul. 11/4 fair. 2058 with Minnesota Northstars hockey. [TJR-IL]
WTOP DC, Washington. 11/3 fair. 2341 with news. [TJR-IL]
- 1510 **WSSH** MA, Boston. {no date given} 2108 finally IDed my SS pest w/SS dance music and "Apple Quince Dies" IDs when they IDed in EE. Thought I had a new border Mexican o/WLAC. [Kaz-IL]
- 1520 **KOLM** MN, Rochester. 10/20. 1923 tuned into quick sign off. Then about 10 seconds of TT. After carrier cut KMPL in o/KOMA, WWKB. [Kaz-IL]
- 1520 **KOMA** OK, Oklahoma City. 11/4 fair. 2057 with Midwest City vs Moore football. [TJR-IL]

CDXR Continued....

- 1540 **KTNO** TX, University Park. 10/30 good atop in semi-AU conditions. 1913 with "Radio Vida" slogans. SS music, SS "KTNO 1540" ID. [Kaz-IL]
- WPTR** NY, Albany. 10/30 through KXEL and KTNO. 2229-2230 with "Talk Radio 15-40 WPTR" ID followed by a jingle ID. Rare here. [Kaz-IL]
- WSMI** IL, Litchfield. 11/7 fair to good. 1737 with spot, AM-FM ID, farm news. [TN-WI]
- 1550 **KQWB** ND, West Fargo. 10/19 atop on NW LW. 1920-1926 with many local spots. [Kaz-IL]
- 1560 **KKAA** SD, Aberdeen. 10/19 u/unID with NOS. 1900 with ID, news, stocks. [Kaz-IL]
- 1570 **KMCD** IA, Fairfield. 11/7 fair. 1811 with local news, ID. [TN-WI]
- 1580 **CBJ** PQ, Chiccoutimi. 11/3 poor u/unID (see below). 2059 with Radio Canada. [TJR-IL]
- WDAB** SC, Traveller's Rest. 10/20 good. 2000 with sign off. "New Radio AM 15-80 WDAB." What's their PSSA power? [Kaz-IL]
- 1590 **WIFN** MI, Marine City. 11/5 fair to good. 1835 with end of high school sports. ID and spot. [TN-WI]
- 1600 **WBBB** WV, Wheeling. 11/12 fair in KCRG null. 0200 with legal ID. Standards format. [TN-WI]
- WBLY** OH, Springfield. 10/28 briefly o/u/KCRG and others. 1950 with ID and local high school football P-B-P. [Kaz-IL]

DX TESTS

- 1130(KSDO) CA, San Diego. 10/31 listened 0300-0330 for DX Test, nothing recognizable heard. However, just by coincidence the KSDO call letters and San Diego were mentioned during talk show (? Mike Regan Talk Show on WISN?) they were talking about Rush Limbaugh on KSDO! [TMJ-IL]
- 1180 **KOIL** NE, Omaha. 10/31 DX Test good, mixed w/WHAM and Cuban. 0110-0152 with voice IDs (mentioned IRCA). Code ID, march music. Voice ID mentioned that test would end at 12:30 (Central), but heard music until signal dropped away at 0152. [TMJ-IL]
- 1450(WVLD) GA, Valdosta. 11/7 listened 0000-0300 for DX Test, nothing recognizable heard. Had WVON (nulled), WDLB, and WXVW. [TMJ-IL]
- 1490 **KYCA** AZ, Prescott. 11/7 DX Test faint in KBSR null along with many others including KEYG. 0225-0304. Back to back TT and code IDs. No music nor voice ID heard, but signal was so faint only TT and code could make it through the mess. Nice test, and a new AZ logging for me! [Jc-MT]
- 1600 **WLLS** KY, Hartford. 11/12 fair to good. KCRG dominated the frequency. 0108 DX Test with code IDs. [TN-WI]

unIDs

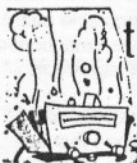
- 660 unID 10/31. 2138 mixing with KTNN and several Mexicans. Is WFAN airing CBS' coverage of NFL Monday Night Football? Not listed as a CBS affiliate in the new NRC log. Noted Jack Buck P-B-P and "this is NFL Football on CBS Radio" etc. Looping NE/SW. [RS-MO]
- 970 unID 11/7. 2108 with TalkNet. Managed to pull out a WDAY ID at 2200 (see above), but there seemed to be at least 2 Talk-Net stations as there was sort of wierd "echo" effect. Nobody's listed as "Nt" in new (15th) NRC Log on 970. [RS-MO]
- 1010 unID 10/23 u/somewhat phased CFRB, WINS, others. 2010 with "Real Country" country music. Is KDJW "Real Country?" [Kaz-IL]
- 1060 unID 10/21 thru CFCN w/KYW phased. 2042 with bits of religious program. Possibly needed KBGN. Noted briefly other nights in good west SSS conditions. [Kaz-IL]
- 1140 unID 10/17 w/WRVA phased. In and out atop KSOO, KZMQ. . 2032-2038 with NOS. Might be KGEN. [Kaz-IL]
- 1450 unID 11/7. Calls sounded like "WXBW" 0024 with promo for "The Bix X" and Pete Rose Show. NW/SE Loop. Suspect OH or KY station. [TMJ-IL]
(QUICKHELP-- How about WXVW Jeffersonville, IN? Have listed with ASN Sports format. John-John.)
- 1510 unID 10/28 w/KMSD and hard to phase WLAC. 1939-1940 with many "Oldies 15-10" IDs. Noted again 11/6 at 1813 with same slogan thru WLAC and KMSD which had its own oldies program. "Oldies 15-10" had same satellite feed as KOLM-1520. unID inside unID: 1814 another unID with "The Team" mixed. [Kaz-IL]
- 1580 unID 11/3 unID fair. Playing standards. Possible call ID "WHLY." Any ideas? [TJR-IL]

25 YEARS AGO

November 29, 1969 issue of IRCA's "DX Monitor"....Glenn Hauser of Enid, OK said he was heading for Korat, Thailand. He was taking his HQ-160 with him... Bruce Portzer of Seattle, WA told about KREN-1420 Renton, WA going off the air because of a total disregard for FCC rules....Gary D. Debock of Puyallup, WA returned from Iwakuni, Japan and told of veries received while DXing there....Jack E. Alexander, Jr. aboard the USS Terrell County just off Vietnam said DX would be easier there if he spoke Vietnamese.

OPEN MIKE

To use violence is to already be defeated. I hope all of you had a nice Thanksgiving. A big CDXR welcome to Neil Kazaroos. Neil mentioned his new location 30 miles NW of Chicago is a good location for DX. Neil sent along a lot of nice DX, but those over a month old were deleted as per IRCA policy. Thanks to all that sent in items this week, it's rare we make it to page 5! If you haven't turned on your receiver yet this season, take a note Tim logged a new state recently! 73, John-John.



the irca technical column

Editor: Nick Hall-Patch
1538 Amphion St.
Victoria, B.C. V8R 4Z6
Canada

... a couple of reviews this time from Don Moman; these originally appeared in the CIDX Messenger.

RADIO SHACK DIGITAL SIGNAL PROCESSOR

The model DSP-40 was one of those "impulse" purchases at the Dayton Hamvention, desirable mainly because of the US\$ 69.95 price tag. The unit is capable of mobile use, as it has a 12vdc input, mounting bracket and a 6 watt audio amplifier driving the built in speaker.

The features include automatic reduction of heterodynes in both the SSB and NR (noise reduction) modes. In SSB and CW the unit acts as a bandpass filter. Response (Hz) specifications in the various modes are:

	NR	CW	SSB
Narrow	200-2000	597-903	800-2000
Medium	200-2500	469-1031	500-2600
Wide	200-2950	269-1231	300-3000

I found the auto notch very effective at removing any steady tones present - just listen to WWV while they're sending the various tones - they're virtually gone with the unit in line! The notch was the main rationale for the purchase, and I was not disappointed. The filter bandwidths also do their job, but with a decent communications receiver they are mostly redundant.

The noise reduction mode isn't as dramatic as they'd like you to believe. In my setup (Yaesu FT-1000 with SP-5 speaker) I noticed no improvement. Lightning crashes and the basic background noises were not reduced by any significant amount. I had expected this shortcoming, as such noise reduction is difficult for any DSP unit. On strong SSB signals the unit does alter the signal, making it sound less natural. White noise (hiss) may be reduced through the filter, but perhaps it is added back in the amplifier chain - in any case, I found the entire unit contributed to, rather than reduced, the overall background hiss.

It's annoying to need to have the unit powered up just to use the built in speaker. It is driven from the speaker output of the radio, not the line output, so it would be handy to route the signal to the internal speaker when the filter is off. The DSP noise reduction circuitry can be bypassed but only after the unit is powered up.

Overall, the only effective noise reduction capability of this unit is the automatic removal of heterodynes. Other benefits are marginal at best. Improvements may be more noticeable when the DSP-40 is used with a portable, since its 6 watt amp and speaker combo may be considerably better than the radio's own internal amp and speaker.

THE YAESU FRG-100

The FRG-100 is the latest in a long line of "frog" receivers from Yaesu and is long overdue considering that their only other receiver, the FRG-8800, has been around for quite a few years. I think the FRG-8800 was outdated and outclassed by better products from Kenwood and ICOM as soon as it was introduced, so it will be interesting to see how this new set compares with the current competition, specifically the ICOM R72. (The R72 was reviewed in the November 7, 1992 DXM.) It's not a completely fair comparison since the R72 has a US list of \$1145 (discounted to \$695 by one major US dealer) compared to US \$639 (discounted to \$550) for the FRG-100. Both sets are very similar in size and features, with the exception of keypad entry system only available on the R72. Both have optional FM boards, CW filters and high stability oscillators. Only ICOM has a speech synthesizer option, and only the Yaesu has the RS232 computer interface - it's built in on the ICOM.

The FRG-100 covers 50 to 30,000 khz with the usual modes and filter bandwidths. Flipping from AM to SSB is just a matter of touching the appropriate button, as is toggling between upper and lower sideband. No need to retune, and no need to shift through a carousel type arrangement to get forth and back between the various modes. Narrowband FM is an option, but FM on HF is reasonably scarce, mainly limited to some 10 meter ham activity and some radio/TV studio links in the 26 MHz range.

Filters

I found the 6 and 4 khz AM bandwidths to be so similar it was hard to tell whether there really were two different filters! The first thing I would do is install a "real" 4 khz filter - Sony part number 1-527-569-00. Although I haven't actually done the mod, the Sony filter is the exact size and I'm sure the pinouts are the same.

This filter is made by Murata but can be obtained more easily from Sony. It is the "narrow" filter used in the 2010 and others and is very useful since it is an exact replacement for the overly wide AM filters found in many Kenwood, ICOM and Yaesu receivers and transceivers. It's unlikely that this filter would fail in the original sets, so I'm sure we're confusing Sony's repair statistics.

Fortunately, the FRG-100 default bandwidths in each mode can be specified so one can enable the 2.4 khz SSB filter for use in AM narrow. The SSB filter is a better quality Murata type CFJ455K, and using it for AM makes the FRG-100 virtually identical to the R72, with both having very broad filters in WIDE and both destroying much of the audio in NARROW.

Features

Both sets have the usual memory channel features, with the R72 having 99 memories compared to 50 for the Yaesu. Both have programmable band edge memories plus versatile scanning features. The FRG-100 has many of its features selectable from the front panel by using the "set" and "select" functions, while in the R72 some of the features can be modified by switches on the rear of the set. On the FRG-100, one can even perform a sort on the memory channels and arrange them by ascending frequency! BFO offsets are adjustable and the master oscillator can be fine tuned to calibrate your set against a known frequency standard signal like WWV.

The frequency display and S meter are large, well lighted and easy to read, and readout is to 10 Hz. The slow tuning speed (5 khz/rev) is comparable to the R-72's 3 khz/rev and makes for easy tuning in this mode.

The rear panel contain similar features to the R72 - high impedance as well as 50 ohm antenna inputs, a tape output, recorder activation relay connection, 12 VDC input as well as computer control connections. Yaesu uses an external 12 volt power pack while ICOM has the more conventional built in AC supply with a removable AC cord in addition to a 12 VDC input.

Performance

I've used the R72 for some time and have been quite pleased with its overall performance. After the Yaesu arrived, conditions were so terrible that it was hard to give it a fair listening test. On weak signals both gave similar results, with perhaps a slight edge going to the R72, as its audio seemed slightly crisper and sharper. Neither set has a synchronous detector but both provide much better audio in the narrow bandwidth mode when the SSB function is engaged.

However, the FRG-100 has such incredibly slow AGC on AM (even in the fast position) that, after tuning across a strong signal, you have to wait a significant time before you can hear weaker signals again. Lightning crashes, or any of the various pops and crackles common on the SW bands cause the same problem. It's so annoying to tune through a band with such a slow AGC that I wouldn't consider owning this set, just for that reason. Technically, the AGC time constant should be easy enough to speed up, once you determine which resistance needs to be adjusted in the RC time constant network.

Interestingly, this set appears to have good signal handling capabilities; even on MW and LW there is not much evidence of overloading by local broadcast stations. Wish I could say as much for my FRT-1000 general coverage transceiver, which is supposed to have quite good signal handling specs. The radio doesn't use an RF preamplifier for any of its bands, uses an 8 dB attenuator for MW and a 500 kHz low pass filter for longwave which may help explain its relatively good strong signal performance.

Overall

There are many features I like about the FRG-100 and its performance is adequate, but the slow AGC in AM is such a handicap that it overshadows all the otherwise good features. Perhaps this is a problem unique to my particular set. You can easily check this out by tuning to a strong MW signal, then quickly tuning off channel. I can count nearly 5 seconds before the S meter returns to zero!

The lack of a keypad for frequency input might be a drawback for some people, but aftermarket plug-in keypads will almost certainly fill this gap. With a better 4 kHz filter and quicker AGC this would be a good set, especially considering the price.



Western DX Forum ★ ★ ★ ★ ★

Reid Wheeler 5910 Boulevard Loop SE Olympia, WA 98501

Deadline: Saturday 2 weeks before publication

Gary Jackson, 7735 Center Parkway, Sacramento CA 95823

[11/5] Just received a nice letter from Alan Roycroft. He stated, "Well Gary you are the first ever to write a thank you note for a QSL and over thirty years of providing these QSL cards." He also stated that this could be a Guinness Book record! This may be the reason why a lot of chief engineers don't verify. A QSL is not a privilege but a courtesy of the station. I always send a thank you even if it is just a postcard. 73's. [a reminder of this issue of courtesy is perhaps something we should all periodically review as we pursue our hobby - rcw]

Pete Taylor, 2614 Jackson St, San Francisco CA 94115-1123

I have gone over the expanded AM band list in the 11/5 DXM with considerable interest. First of all, there are no graveyards moving to the new band. Secondly, some are moving to get out of complex patterns which may not be covering market growth areas, multiple-tower arrays (costly real estate rental or taxes) and current license limitations (daytime operation or low night power). However, it is truly mystifying to see WEBC and KBLU-560, WVMJ-570, WKRG and KURV-710 and KTMT-880 on this list. And finally, it would be nice for us if their old channels were vacated forever, but I'm sure, at a minimum, those big fat low frequencies will be gobbled up immediately. It will be interesting to see which one gets on first. I hope the CEs of all these facilities are responsive to the onslaught of imminent DX reports and that KXBT-1620 and KKIS-1480 require innumerable extensions! Semilocally, we went to Tahoe last month and none of the new Reno area CPs are on (KKNK-750 Carson City, KLVK-880 Lovelock, KKNC-730 Sun Valley or KNKQ-1160 Virginia City).

[11/9] Greetings! I was delighted to see the long-awaited list of new stations approved for the extended upper band in the 11/5 DX Monitor. It's interesting that only four have been assigned to 1610. Surely the reason is to permit most of the TIS stations currently operating there to continue without changing frequency. A few days ago, Gary Jackson sent me a copy of the NTIRE News, a newsletter devoted to serving TIS operators. It mentions that although the station assignments have been made for the extended band, we are currently in the midst of a sixty-day comment period. It says the earliest the new commercial stations will be on the air will be 1995. Still, I check for carriers between 1610-1710 each evening and morning. This is a golden time for us DXers, one we can tell our children about! By the way, a one-year subscription to NTIRE News costs \$15.00 from Information Station Specialists, P.O. Box 51, Zeeland, MI 49464. 73

Your WDXF Editor (and ECC)

As you have all seen in the 11/5 DXM, the biennial IRCA officers and BoDs election process is upon us and I am the newly designated Election Committee Chairman (ECC). All of you who are planning to submit nominations, please print the work "NOMINATION" on a front corner or back of the envelope; I would also ask that you do not mix IRCA nominations with regular WDXF submittals as there is some risk that one or the other may get misplaced. Nominations for President, Secretary-Treasurer and the seven Board of Director positions open December 1, 1994 and close January 15, 1995. As January 15, 1995 falls on a Sunday, please mail your nominations so they will get to me by the 14th.

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IRCA Mexican Log, 3rd Edition

After months of preparation, IRCA has published the 1994 edition of the **IRCA Mexican Log**. The 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 1990 edition and carefully cross-checked by IRCA members in Mexico and the US. This will be 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 - \$6.00 (US/Canada/Mexico/seamail), \$7.00 (rest of the Americas airmail), \$7.50 (Europe/Asia airmail), \$8.00 (Australia/New Zealand airmail). Non-members: add \$2.00 to the above prices.

Order from the IRCA Bookstore, by sending the correct amount (in US funds) to:

IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117.

IRCA Foreign Logs

Before the creation of the **IRCA Foreign DX Reference**, the IRCA published nine volumes of the **IRCA Foreign log**. Each volume contained the several hundred actual tips that were reported to the DXWW sections during an entire year, compiled and retyped in a book format. In addition, special features include: articles on foreign DXing (volumes 6, 7 and 8), utility lists (volumes 7 and 8), shortwave parallels (volume 8) and BCB propagation (volumes 6, 7 and 8). The **IRCA Bookstore** still has volumes 3, 4, 6, 7 and 8 of the **IRCA Foreign Log** available for \$2.50 each (overseas airmail add \$2.50/book).

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An Introduction to Broadcast Band DXing

This tri-folded brochure is ideal for explaining the Broadcast Band DXing hobby and the IRCA. It can be included with reception reports and given to other interested folks. Sub topics include "What is DXing?," "Broadcasting's early years," "The first DXers," "Clubs helped listeners share," "Our hobby today" and "DX clubs still unite listeners". It is two color printed on heavy stock. Price is \$0.35/brochure (US and Canada), \$1.00 (rest of the world). Minimum order is 10.

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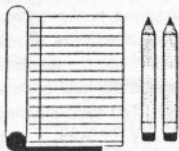
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IRCA Reprints

The IRCA maintains a large file of articles which have appeared in past issues of **DX Monitor**. These articles cover a wide variety of topics, including: antenna theory and construction, tips for the foreign BCB DXer, how to improve your DXing skills, history of DXing and broadcasting, lists of stations by subject, construction projects and receiver modification, receiver reviews, medium wave propagation, and more. Copies are available for a nominal charge. For a list of reprints, send \$1.00 to:

IRCA Reprints, c/o Steve Ratzlaff, 1885 E Bayshore Rd Sp 90, E Palo Alto CA 94303.

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Eastern DX Forum

Richard C. Evans
P.O. Box 21883
Milwaukee, WI 53221-0883
Phone: 414-ATLantic 2-9035

DEADLINES: Saturdays Anniversary Issue: 2/25/95

R.C. Watts, 4109 Graf Drive, Louisville, Kentucky 40220-3016
A new 1610 kHz T.I.S. showed up here in October. I thought it might be Bardstown, but it is WPDV-908, Shepherdsville, KY 40165. Operator is Bullitt County Tourism Commission, PO Box 808. Finally got my Grove SP-200 "Sound Enhancer" and it works very well on SW, but I've yet to try it on MW. Am also testing the "Black Box Antenna". I like my Select-A-Tenna but it's not exactly the right configuration for portability. Got a QSL letter from Martinique-1310. Wasn't from RFO. Instead from TDF, Groupe France Telecom (TeleDiffusion de France). Current RFI schedule was enclosed and I see they use Paris-738, Strasbourg-1278, Toulouse-945 and Lille-1377 in France, plus Moscow and St. Petersburg, Russia, both on 1440. TDF also included a list of territorial AM stations (locations, freq., power) which I've passed on to the Ed. A report to XEWA-540 was returned by the P.O. in Mexico. Address used was from WRTH-94. If someone has a better address you can make Col. DX happy by enlightening him. 30. (Col., yes, the papers got here, just haven't had the time to write (as I have some computer stuff to send also. I do need the Osgood Journal--rce)

Rick Evans, 4841 South 26th Street, Milwaukee, Wisconsin 53221-2937
This column is being typed 4 days early, on 11/8--election day, instead of the 11/12-13 weekend as normal. On 11/9, I take off for a 10 day tour of Israel, and I should be back on 11/19. The next column will be typed on 11/21 when I can get the PO Box cleared. This trip is something I've wanted to do for the past 20 years. I noticed the report in the 11/5 DXM regarding nominations for the election of the new BoD coming up so soon. I still can't picture the nominations being opened on 12/1! At this time, I do not plan to run for re-election. In the past year, I have become involved in activities not related to DXing (really more related to my field of work which is trucking) which is taking up more and more of my time and which I consider to be much more important to me. I won't go into details now but probably will in my Forum report in the Anniversary Issue. Right now, I intend to keep the EDXF column--after 13 years of it, I have no desire to stop doing it, hi. The only DX Test I've tried for this season was the WGEA-1150 test as it's near my wife's hometown. No luck here, although local WISN-1130 was not a problem. By the time you read this, I'll be back from my trip, so don't quit sending in the Forum reports. 73.



The NRCAM Radio Log, 15th Edition, is the standard listing of AM radio stations in the U.S. and Canada. Cross-referenced, 3-hole punched for standard binders. Only \$16.95 to U.S. and Canadian IRCA/NRC members; \$19.95 to U.S. non-members; \$20.95 Canadian non-members. Airmail: to Latin America, \$21.00; Europe, \$24.00; rest of the world: \$28.00.

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

Geomagnetic Indices

Geomagnetic Summary September 20 1994 through October 17 1994

Soft copies of this report available through phil_bytheway@atk.com

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
9/20	70	4	2	very low	quiet	-
21	70	6	2	very low	quiet	-
22	71	2	1	very low	quiet	-
23	71	2	3	very low	quiet	-
24	73	4	0	very low	quiet	-
25	76	7	3	very low	quiet-unsettled	-
26	77	19	4	very low	quiet-active	-
27	75	16	4	very low	quiet-active	-
28	74	13	3	very low	quiet-active	-
29	74	5	0	very low	quiet-unsettled	-
9/30	74	4	1	very low	quiet	-
10/ 1	75	2	0	very low	quiet	-
2	71	10	6	very low	quiet-mas	-
3	74	55	5	very low	unsettled-ss	mas 0200
4	75	23	4	low	unsettled-mis	-
5	79	26	4	low	unsettled-mis	-
6	74	27	3	low	unsettled-active	-
7	84	24	4	low	active	-
8	86	14	3	very low	quiet-active	-
9	87	10	3	low	quiet-unsettled	-
10	87	12	3	very low	quiet-unsettled	-
11	88	24	2	very low	quiet-mis	-
12	88	16	2	very low	quiet-active	-
13	93	12	2	very low	quiet-active	-
14	93	5	3	low	quiet-unsettled	-
15	93	10	2	low	quiet-active	-
16	91	4	0	very low	quiet	-
10/17	92	2	0	very low	quiet	-

IRCA BOOKSTORE

IRCA AM-FM ALMANAC, 5th Edition 1991 - (Reprint)

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, the fifth edition 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).

IRCA AM-FM Almanac is available loose leaf or comb bound (please specify). Prices are:

IRCA/NRC member:	US - \$13.00	Canada - \$14.00	Overseas Sea Mail - \$14.00	Overseas Air-Mail - \$17.00
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IRCA AM-FM Almanac, 5th Edition 1991 Updaters are also available from the IRCA Bookstore!

Updater 5.1 - Almanac index, AM slogans. Updater 5.2 - Satellite Music Network, Unistar/Transtar, talk updates, BRN, 1991 Baseball. Updater 5.3 - updated NFL and college football, NHL Hockey, 530/1610 TIS/Highway Radio update, Rush Limbaugh. Updater 5.4 - updated NBA and college basketball, ABC-AP-UPI-USA network lists, ESPN-SEN sports talk lists, Canadian Music networks and more. Updater 5.5 - 1992 baseball, Spanish networks, Interstate Radio Network and AM Slogan list updates.

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(NOTE: IRCA Almanac (third and fourth editions) are still available for \$5.00 (overseas airmail add \$2.50))

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DX WORLDWIDE EAST

EDITOR: Jim Hall, 3176 Cheltenham Ct., Gibsonia PA 15044-8435 USA

This week we have more from Connelly, and various loggings from Stewart. Randy reports TA audio on 684; Radio Japan's Media Roundup prediction of continued lousy high-latitude DX (presumably on SW) for the next few weeks [as of early NOV] hasn't stopped Randy from hearing some TA hets from time to time. On 10/19 between 0100 & 0200 Randy noted TA carriers on 684, 855, 891, 954, 999, 1026, 1035, 1107, 1134, 1215 and what was possibly Norway on 1314 as it looped further north than the others. There are specific unID & tentative loggings of other possible TA's from Randy mixed in with Connellys in the Trans-Atlantic section. On with the week's column:

TRANS-ATLANTIC DX (Connelly-MA) unless noted

- 531 SPAIN 2357 10/19 m & w in SS, then segments of a jazz-rap song. Gd sig, dominant, stronger than CIAO on 530.
- 549 ALGERIA Les Trembles 2353 10/19 AA group vocal w/drums, electronic synthesizers, flutes and violins. Xlnt - as gd as 891.
- 585 unID 0254 10/25 very weak carrier, no audio. (Stewart-MO)
- SPAIN Madrid 2255 10/20 SS talk // stronger 738; pr w/bad WBNW-590 slop.
- 612 MOROCCO Sebaa-Aioun 2350 10/19 AA vocal - pr-fr in slop.
- 621 CANARIAS / SPAIN? 0245 10/25 fr BFO-detectable carrier at times; no audio. (Stewart-MO)
- CANARY ISLANDS Sta Cruz, Tenerife 2349 10/19 m in SS, gd. And on 10/20 2201 w/SS nx, v gd. Also 0341 10/23 SS mx, fr during bout of sluggish band cx.
- 639 SPAIN La Coruna et al. 2348 10/19 m & w in SS, gd, getting by CBN/other 640's. Also 0309 10/23 fr w/rhythmic SS mx.
- 648 SAUDI ARABIA Jeddah 2204 10/20 AA vocal //1521, gd on peaks. Fairly rare at the house; I've only logged it from Cape Cod.
- 666 unID 0258 10/25 weak carrier; no audio. (Stewart-MO)
- PORTUGAL Lisboa 2347 10/19 folk vocal w/Celtic influences, fr. Also 10/20 2301 PP teletalk gd o/others w/WRKO phased.
- 684 t SPAIN Sevilla RNE 0246 10/25 LOUD het fighting nasty domestic slop; definate SS audio, lively talk by m & w. Audio level pretty low, but detectable even in 6-kHz AM wide mode. Faded badly after 0253. No ID heard so listed as tentative. But it's only the second real TA audio I've ever had! (Stewart-MO) (You can pretty much bank on Spain here, Randy - congrats! ed)
- 738 SPAIN Barcelona 0459 10/20 SS talk //621/639/774/855/others. V gd.
- 756 SPAIN Bilbao 2340 10/19 SS talk by w, interspersed string mx; gd w/no sign of German.
- 765 SWITZERLAND Sottens 0456 10/20 classical mx, FF m & w; gd.
- 774 SPAIN synchros. 0338 10/23 SS talk; pr-fr, diced up by CFDR-780/WABC-770 slop.
- 855 SPAIN Murcia et al. 0454 10/20 SS talk gd w/WEEI phased. Also 0335 10/23 SS talk by m, fr w/jumpy fade pattern.
- 864 EGYPT Santah 0228 10/21 male Koranic vocal //9754.1, acoustics like those of lg. empty room. Gd S9+20 peak and actually better than SW // which was QRM'd by an EE stn on 9755. Thanks to Bruce Conti for E-mail tip here.
- 882 ENGLAND Washford et al. 0452 10/20 EE talk by m, fr in WCBS slop.
- 891 ALGERIA Algiers 0450 10/20 fem. voc & strings, loud S9+30. Also 10/20 2210 m & w in AA, gargantuan signal. And 10/23 0333 AA fem voc, only fr to gd (S9 peak) in standard band cx.
- 909 ENGLAND synchros. 0448 10/20 BBC EE disc. fr in slop.
- 954 SPAIN 2329 10/20 loud w/SS talk by 2 ancr's.
- 981 ALGERIA Algiers 10/20 2333 AA mx, pr in WTRY slop w/semi-local WCAP phased.
- 1017 GERMANY Rheinsender 2213 10/19 GG talk by m o/others.

- 1035 unID 0257 10/25 v weak TA het detectable - looping toward Europe, not the US/Haitian stn. I've never had a strong carrier on this freq. in the early evening, and after seeing Bruce's latest DXWWII column I can see why: they've cut nighttime power to 20kW! (Still 100kW days). (Stewart-MO)
- 1044 SPAIN San Sebastian 0401 10/19 w in SS w/nx items re. France, xInt.
MOROCCO 2214 10/19 FF talk by m; xInt atop Spain. Also, mixing w/Spain 2336 10/20: SS teletalk o/u fem. AA vocal. Combined sig blasted meter up to S9+40.
- 1053 t ROMANIA 0403 10/19 Romanian-sounding talk on gd-strength carrier; bothered some by WEVD/CHUM slop.
- 1062 DENMARK Kalundborg 0404 10/19 light pop vocal; xInt. Also 2212 10/20 Danish talk by w, xInt. High-lat. sunset cx were distinctly above avg.
- 1089 unID 2217 10/19 classical mx (Russi?), v gd.
- 1098 CANARY ISLANDS // SPAIN 2248 10/19 w in SS dom. o/others.
- 1107 SPAIN / EGYPT 2249 10/19 SS talk; loud. Also 2339 10/20 both: wild AA vocals/violins o/u SS talk by m & w. Huge signal, destroying WBT/WHIM/CKTY-1110.
- 1134 SPAIN 2340 10/20 SS talk in WBBR slop.
- 1179 CANARY ISLANDS // SPAIN 2252 10/19 SS teletalk gd w/WHAM phased.
SWEDEN Solvesborg 2224 10/20 Swedish talk by m, then folk mx vocal segment; banging in, totally in the clear w/WHAM phased and often chewing up 1180 even w/o nulling.
- 1215 ENGLAND Virgin R. 0412 10/19 v gd w/Pink Floyd "Another Brick in the Wall".
- 1251 LIBYA Tripoli 2256 10/19 flute mx, AA talk by m.
- 1296 ENGLAND Orfordness BBC 0436 10/18 "V" (...) IS, to gd peak. Not as common as Spain and Sudan here.
SUDAN Rebia 2258 10/19 Koran vocal, poor. Better @0300 s/on.
- 1314 NORWAY Kvitsoy 0438 10/18 m in NN, fr. And 0414 10/19 Carly Simon, xInt. And 2305 10/19 w in NN fr to gd. This one does better later at night. Also 2347 10/20 m & w in NN, then piano mx/cabaret-style fem. voc. Gd thru CKEC/WDER-1320 slop.
- 1375 ST. PIERRE ET MIQUELON 0454 10/22 back w/gd sig. M in FF fol/by pop mx. 0320 10/23 non-orig. "Back in the USSR" rock hit, blasting in.
- 1422 GERMANY Heusweiler 0440 10/18 m in GG o/others, pr.
- 1467 FRANCE Roumoules 2300 10/19 Mx box IS, then Brit-acc'td EE talk, "Trans-World Radio" ID; loud, local-like signal.
- 1512 BELGIUM Wolvertem 2355 10/20 GG or DD talk, light rock. Off 0000 leaving Saudi Arabia wallowing in severe WSSH slop.
- 1521 SAUDI ARABIA Duba 2204 10/20 AA vocal //648, gd. And on 10/23 0315 fr w/AA mx, cx sub-par; sometimes this had better signals in August.
- 1530 VATICAN 0008 10/21 classical mx //5882, mixed w/WSAI.
SAO TOME 0319 10/23 VOA EE discussion about Haiti w/rpts. from correspondents in Port-au-Prince; a bit behind WSAI. The // outlet on 7405 was audible but fading erratically.
- 1544 CLANDESTINE prob. Tindouf, Algeria 2303 10/19 m reading nx in AA; getting by WPTR slop.
- 1584 SPAIN SER synchros. 2304 10/19 m SS talk; pr in rough CBJ slop.
- 1611 VATICAN 0458 10/22 m & w in unidentified lang; to fr peak.

P A N - A M E R I C A N D X (Stewart-MO) unless noted

- 655 EL SALVADOR YSS 0055 10/23 fr-gd in domestic slop w/PSA's, SS pop ballads, several "R. Nac. de El Salvador" ID's. Audio seemed "bassy". Wonder if they're on reduced pwr or have gone DA? Not nearly as strong/reliable as a few years ago.
- 660 t GUATEMALA? TGQ 0145 11/1 in mix of several XE's (such as XEAR) I THINK I heard a couple "LV de Quezaltenango" ID's surfacing from general mud. Cx had been quiet AU for a while (A-index of 34) but after 0200 northern sin's suddenly got much stronger. XE's quite dominant on numerous freq's but little else from LA, so this is VERY tentative.
- 830 MEXICO Linares XELN 0156 11/1 SS fem. vocal, ID "la radio X-E-L-N, 830 en su radio." Quickly faded into mud - define on call tho I usually hear XELK here. New for me -- on past WRTH-listed 0100 s/off.
- 920.55 unID SS @0218 11/1 m making rather dramatic speech or presentation, looped SE, hetting 920. fr at first then faded. No idea who it could have been--maybe Cuba?

- 1000 COLOMBIA Cartagena HJAQ 0200 10/25 have they INCREASED pwr? Every night I've checked (incl. 10/29 & 11/1) they've been rising to LOUD, dominant peaks at times, w/usual "RCN" ID's/pgmming. Quite the loudest Colombian lately, tho w/tinny, rather distorted audio. Often, but not always //760/770 when they're audible.
- 1010 MEXICO unID 0301 11/1 XE w/loud, lively mx (lots of stereotypicalmanaical laughter, etc.) but ToH ID horribly distorted, w/lots of echo; call could've been XEFM or XEXN. Mixing w/CFRB and another SS stn. KLAT Houston could've been in there also. CFRB dom. after LA cx began to die.
- 1205 t CAYMAN ISLANDS 0159 10/19 bits of EE audio, fr signa, but too bassy and mushy to make anything out.

CREDITS:

(Connelly-MA)

MARK CONNELLY 30 William Road, Billerica, MA 01821
(Drake R8 & nx. reduced sloper approx. 37m and 30m horizontal loop; phased w/DL-1, to Mini-MWT-3)

(Stewart-MO)

RANDY STEWART 4225 W. La Casa, Springfield, MO 65802
(EEB-mod. Yaesu FRG-100B; 15" Sanserino amplified box loop)

Antenna Experiments - Summer 1994

Mark Connelly - WA1ION

Trying out different antenna systems has always been a good way to get some new stations into the logbook. DXers frequently swap around antennas to keep receptions from getting "in a rut". During the summer of 1994, I experimented with several designs. This article covers some of the results.

I. Loop phased against Whip for Cardioid Pattern

This concept, used commercially in automatic direction finders for pilots, has a long history in our hobby as well. Ron Schatz's Loop - Sense Cardioid Array (LSCA) is one of the better known early designs. His scheme was somewhat tricky to build and to adjust properly and it did not lend itself readily to in-the-field use. Dallas Lankford's LIL-1 and LIL-3 designs are simpler to use, but are still intended for home-QTH use as the inverted-L sense antenna is not amplified and, therefore, must be at least 15 m / 50 ft. long to deliver adequate signal levels.

Many home locations have too much manmade electrical noise for both the sense antenna (wire or amplified whip) and the loop antenna to deliver clean signals. At noisier locations, a possible solution is phasing two noise-reduced wires; another method is phasing a remotely-tuned loop in a quiet area against a noise-reduced wire or against another quiet-area loop at a right angle to the first one. Phased noise-reduced slopers have proved to be the best DX antenna system at my home QTH. Whips and loops pick up way too much noise from TV's and light dimmers in the neighborhood and I do not have sufficient room for Beverages. Encouraging noise reduction results have been obtained with balanced center-fed wire antennas: this is discussed later in this article.

It is on car-based "mini-DXpedition" trips to high-quality, electrically-quiet locations that the loop-versus-whip (or wire) scheme has had the greatest benefit. Therefore, I have customized the improvements with the idea of mounting the loop and sense antennas on the car roof and controlling their tuning by means of DC bias voltages fed from an in-car controller (DCP-1) to the varactor diodes in the tank sections of each of the two antennas. The null, as described in the DCP-1 article, is unidirectional. When a bidirectional null (figure of eight) is needed, the loop can be used alone and when no nulls are desired, the active whip (sense) antenna is used alone.

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Although nulls are best when the Q (selectivity) of the loop's tuned circuit is closely matched to the Q of the tuned active whip, and when the "pest" station output levels of the loop and the whip are comparable, surprisingly good results have been had using an untuned (i. e. broadband) active whip. The loop should be Q-spoiled by approximately 22000 ohms across its L-C tank. The whip's amplifier should have sufficient strong-signal handling capability not to create objectionable spurious responses at the DXer's location when the whip is operated in an untuned configuration. In urban areas, this can be hard to attain. Really good whip amplifiers might be able to handle the RF, but the receiver might kick out spurs due to its own inadequacies. Fortunately, urban areas are not the first choice of most DXpeditioners.

Question: If tuned whips give better results then why use an untuned one in cardioid pattern generation ? Answers: It is very useful to have a broadband active whip as one of the two antennas because it can allow quick bandscanning and parallel-frequency checking. Also, the whip - if mounted properly - allows in-motion DXing and general listening. Exact placement of the whip on the roof may be critical with some vehicles to eliminate ignition noise when the engine is running. On a recent ride out to Rockport (MA), I had the Drake R8 in the car connected to a modified MFJ 1024 whip on the car roof. Both the whip and the R8 were powered from the car's lighter socket. It was enjoyable to listen to loud and clear BBC shortwave for entertainment while driving along Route 128. Reduced knob-twiddling is another benefit to having a broadband rather than a tuned whip involved in a loop-versus-whip scheme. Nulls of as much as 30 dB can be dialed up quickly by tweaking the loop tuning control, a level-balancing pot, and the switch combining the outputs in or out of phase. A 30 dB null is often enough to uncover good DX under pests.

As Dallas Lankford noticed in his LIL-1 / LIL-3 research, the nulls created by a loop-versus-wire (or active whip, in my case) setup are broader and, therefore, more effective against "jumpy" high-angle skip than the nulls created by a loop used alone. I have had fun out at beach DX sites recently by knocking down strong 200-mile distant New York City stations to hear co-channel Venezuelans and Colombians. With just the loop, nulls were elusive and had to be "chased" more.

I would recommend the loop-versus-whip setup as the primary system for temporary field operations, especially when land for longwire / Beverage antennas is not available or not permitted to be used. For the greatest versatility, the active whip should be configurable for both broadband and tuned modes. The receiver, antennas, and the phaser / controller box (e. g. DCP-1) should all be powerable from the car's 12 VDC power as well as from separate battery packs when desired. As my Mini-DXpedition article states, setting up wires at a field site is not always practical. The loop-versus-whip scheme can give you the pick-up characteristics of either antenna operated singly; even better, when you phase the two, you can obtain single-direction (cardioid) nulls normally associated with wires of considerable length.

The DCP-1 can be used for remote loop versus untuned noise-reduced longwire operation if you use a small adapter consisting of a Mini-Circuits T1-6-X65 transformer with DC-blocking capacitors (0.1 μ F) on its input and output leads. This DC-blocked 1:1 transformer is placed between one of the DCP-1 input BNC's and the coaxial cable from the noise-reducing wire's field-site 9:1 or 4:1 stepdown transformer. "DCP-1A" is a version of the dual-controller / phaser with a switch and this transformer arrangement installed for such operation. The untuned wire acts similarly to an untuned active whip, although it will sometimes show directional effects that can be beneficial in setting up some nulls.

II. "Snake" Antenna

The April 1988 issue of QST Magazine published an article by Doug DeMaw (W1FB) entitled "On-Ground Low-Noise Receiving Antennas". It describes the "snake"

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