

May 18, 1996 - Volume 33 - Number 31 - Edition 1090 - ISSN 899 - 9733

 This issue is dedicated to Edward Kocsan of Morris Plains NJ. Edward passed away earlier this year. Edward was a long time friend and a long time IRCA member. He will be missed by all that he had touched. Rest in peace Edward and God bless.....

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NEW MEMBER: Brian McKown of San Bernardino CA. **REJOIN:** Tom Kelly of Novelty OH, Michael Bittner of Palos Verdes CA. **RENEWALS:** Rich Toebe of Fairfield CA, David Braun of Wyoming DE, TW Cairns of Bayside CA, Stan Shedd of Calgary Canada, Richard Gordon of Seattle WA, Kenneth Diehl of Kansas City MO, Don Fraker of Electra TX, Leonard Meek of Pearl City HI, Robert Lamorgese of New City NY, Cary Simpson of Tyrone PA, Wolfgang Schneider of Canoga Park CA, Howard Kemp of Laconia NH, Doug Nyholm of San Carlos CA.....

DX WORLDWIDE EAST EDITOR: The IRCA needs an Editor for this column. For details contact: Phil Bytheway 9705 Mary NW, Seattle WA 98117....

CONVENTION AUCTION: Auction items needed for the 1996 Convention. Send what ever you can to: Lee Freshwater 414 SE 3rd St, Ocala FL 34471. Send some stuff Lee needs some help.....



AM **920**
KORK

Big Bands • Ballads & Broadway
 KORK AM • LAS VEGAS

BROADCASTING INFORMATION



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

DEADLINES: 2nd & 4th Saturdays.

Compiled: 05/01/96

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

CONSTRUCTION PERMIT ACTIVITY:

UT. Salt Lake City / KDYL-1280 inc. to 10000/600 DA-2

FACILITY & PARAMETER APPLICATIONS:

CO. Grand Junction KEKO-1230 dec. to 680/680 ND
GA. Gainesville WDUN-550 inc. to 10000-D
MN. Ortonville KDIO-1350 change to 670/380 ND
NH. Peterborough WRPT-1050 move to 650 khz., 250-D, DA
WI Neenah WNAM-1280 inc. to 20000-D

FACILITY & PARAMETER GRANTS:

MN. Minneapolis WMMN-1330 inc. to 9700/5100 DA-2
OR. Bend KBND-1110 dec. to 13000-D

CALL LETTER CHANGES:

CO. Brighton → KLTT-800 becomes KLDC
Commerce City → KLDC-670 becomes KLTT
FL. Jacksonville Bch WXTL-1010 becomes WIOJ →
Pine Hills → WWZN-540 becomes WRTM "Team"
IA. Sioux Center → KVDB-1090 becomes KSOU
MI. Monroe → WHND-560 becomes WLLZ "Wheels"
OH. Canton → WINW-1520 becomes WPGY
TN. Memphis → WXSS-1030 becomes WSPZ
VA. Chesapeake → WJQI-1600 becomes WFOG "Fog"

FORMAT CHANGES:

AK. Anchorage KBYR-700 was talk, sports, adds Prime sports
CA. Oroville → KORV-1340 was full service, now JSN Reg. Mex//FM
Redding → KRDR-1330 was contemp Xtian, now silent
FL. Miami → WIOD-610 was nx, talk, adds Sports By-line
HI. Honolulu → KISA-1540 was Filipino, rptd. silent
ID. Rupert → KBBK-970 was nx, talk, adds Sports By-line
IN. Columbus → WCSI-1010 was full service AC, now nx, talk
IA. Sioux Center → KSQU-1090 was KVDB, country, now AC, C&W//FM
LA. Alexandria → KDES-1410 was talk, sports, adds CNN Headline nx
Hammond → WFPR-1400 was country//FM, now nx, talk
Lake Charles → KXZZ-1580 was urban, adds ABC urban gold
MD. Indian Head → WNTL-1030 was brokered ethnic, rptd. silent
MO. Columbia → KTGR-1580 was country//FM, now all Frank Sinatra (!)
NE. Holdrege → KUVR-1380 was AC//FM, now AC
NY. Trumansburg → WPIE-1160 was country, to be Prime sports (5/2)
NC. Eden → WCLW-1130 was oldies, now AC, adds ABC AC
Franklin → WFSC-1050 was country, adds ABC AC

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1640	790	KOQQ	CA, Clovis
1640	1300	WSYD	NC, Mt. Airy
1640	980	WTRY	NY, Troy
1640	570	WVMI	MS, Biloxi
1640	1290	KPHP	OR, Lake Oswego
1640	1370	WKSH	WI, Sussex
1640	710	KURV	TX, Edinburg
1640	1390	KCRC	OK, Enid
1640	1350	WWHL	FL, Cocoa
1640	1270	KLXX	ND, Bismarck
1640	940	KWFM	AZ, Tucson
1640	1090	WGOD	VI, St. Thomas
1650	540	KOJY	CA, Costa Mesa
1650	1380	WAOK	GA, Atlanta
1650	1010	WPMH	VA, Portsmouth
1650	1320	KWHN	AR, Fort Smith
1650	990	KSVP	NM, Artesia
1650	880	KTMT	OR, Phoenix
1650	1250	KCFI	IA, Cedar Falls
1650	630	KTKK	UT, Sandy
1650	920	KKLS	SD, Rapid City
1660	1530	WJDM	NJ, Elizabeth
1660	1110	KRCX	CA, Roseville
1660	1600	WGIV	NC, Charlotte
1660	1360	WCHQ	PR, Camuy
1660	710	WKRG	AL, Mobile
1660	1470	WQSN	MI, Kalamazoo
1660	1590	KZOK	WA, Seattle
1660	1580	KRZI	TX, Waco
1660	1480	WMIB	FL, Marco Island
1660	1250	WREN	KS, Topeka
1660	990	KRKS	CO, Denver
1660	1550	KQWB	ND, Fargo
1660	560	KBLU	AZ, Yuma
1670	1530	KHPY	CA, Moreno Valley
1670	1600	WRCC	GA, Warner Robins
1670	960	WLWV	MD, Salisbury
1670	1420	KBTN	MO, Neosho
1670	1480	WTDY	WI, Madison
1670	600	KHTE	CA, Redding
1670	1480	KKEL	NM, Hobbs
1670	800	KSOS	UT, Brigham City
1680	1580	KLOQ	CA, Merced
1680	1350	WHWE	NJ, Priceton
1680	1590	WKTP	TN, Jonesborough
1680	1600	WXTO	FL, Winter Garden
1680	1390	KSLM	OR, Salem
1680	1600	WSPN	MI, Muskegon
1680	1440	KMLB	LA, Monroe
1680	920	KBNA	TX, El Paso
1680	1410	KCOL	CO, Fort Collins
1680	1250	KBRF	MN, Fergus Falls
1690	1470	WBIT	GA, Adel
1690	810	WDDD	IL, Johnston City
1690	920	WPTX	MD, Lexington Park
1690	1430	KRGI	NE, Grand Island
1690	1310	KFVR	CA, Crescent City
1690	930	KAPR	AZ, Douglas
1690	620	KSTR	CO, Grand Junction
1700	950	KAHI	CA, Auburn
1700	550	WSVA	VA, Harrisonburg
1700	930	WZNN	NH, Rochester
1700	1210	WCMQ	FL, Miami Springs
1700	1600	WEUP	AL, Huntsville
1700	1370	KAST	OR, Astoria
1700	1590	WONX	IL, Evanston
1700	740	KIDR	AZ, Phoenix
1700	1360	KNRB	TX, Fort Worth
1700	1220	KDDR	ND, Oakes

This information also comes from NU #1367 and OZ DX. Patrick Martin-IRCA



DX Worldwide - West

PAT MARTIN PO BOX 843 SEASIDE, OR 97138

Time: UTC

Phone (503) 861-3185

DEADLINES: 6/4,7/2, 7/30

I'm back from the NAB convention and boy what a lot of reports! Hopefully all the E-MAIL reports made it here OK. If I have missed something, let me know. I also have a large report from NHP from a few weeks ago. So let's get all caught up. Even some TA DX from SA-MB and reports from CB-HI, LBG-MT, 5P-HI, TRH-CA, and LMT-AB. So away we go.

TRANS-ATLANTIC DX ROUNDUP

1611 NORWAY, Rogaland LGBTLX 4/6 0252. Good sigs w/the MN TIS with code identifier. Only TA to make it in that night (VAL-DX)

PAN-AMERICAN DX ROUNDUP

- 555 ST. KITTS AND NEVIS, Basseterre-ZIZ 3/2 0240. Very poor in KFYZ slop w/mx and talk. New at long last! (SA-MB)
- 710 CUBA, probab the weak SS mentioning La Havana at 0400 3/21(LBG-MT)
MEXICO, Mexico City XEMP "Radio 710" is my UNID the past several months. Had a good signal 3/22 at 0400. Man said "Radio 710 presento...." then a pgm name and circus mx. He gave all ID, ment. slogan 3 times, gave power as 10KW, and said "alma musical de Mexico." Also gave address in Colonia Joven, Mexico D.F. and said 24 hrs. New (LBG-MT)
- 720 MEXICO, UNID MM 3/25 1200-1259 man w/UTC-6 TCs XE anthem. No slogans, local ads, city mentions, anything. Killed by KDWN OC at 1238 and presumed XEVU s/on 1259. Whatever it was, it is new for me as I have logged only XEVU (which in UTC-7) here possibly XEDE or XEAVR. I know XEAVR gets out well. (TRH-CA)
UNID, Still hearing light pop mx u/WGN and have a hard time nulling because of KDWN. Always v/very weak w/no fade ups. Light and airy mx, SS male ancr w/very few pre-recorded anmts, mostly done live 4/8 at 0620 (LMT-AB)
- 800 NETHERLAND ANTILLES, Bonaire-TWR in EE w/syn gospel shows. Back to the Bible from 0200 to 0230 w/clear "Trans World Radio" IDs at 0200 and 0228. Address given at 0230. Faded up early tonight and appears to favor long distance 4/8 (LMT-AB)
- 810 COLOMBIA, Bogota HJCY Fair signal when faded up. Male ancr in SS w/what sounded like political commentary. Caracol IDs easily distinguished and repeated often as signal is well modulated 4/8 at 0700. Also hrd 4/9 at 0450 (LMT-AB)
- 1010 MEXICO, Guadalajara-XEHL is my tent. on 2/18, not 1210 (LBG-MT)
- 1024 TURKS AND CAICOS, CCR 3/2 0232 Very good signals w/ID as Super Power 10-20, Caribbean Christian Radio into Radio Bible Hour. Another new frequency. (SA-MB)
- 1025 TURKS AND CAICOS, CCR 2/29 0232 very good signals w/clear ID and usual rel. pgming. Not on 1020 again (SA-MB)
- 1050 MEXICO, Monterrey-XEG w/IDs for "La Ranchera" and "Radio Formula" 0349 3/20 (LBG-MT)
- 1210 UNID, maybe an LA w/5 pips 0400 3/9. Any ideas? No clue to the lang, too many stations fighting it out. (LBG-MT)
- 1540 MEXICO, Hermosillo, Son. XEHOS w/NA 0800 3/21. I didn't hear ID, only "desde Hermosillo" mentioned "estereo" (LBG-MT)

HELP WITH PAN-AMERICAN DX UNIDS

740 MEXICO, RW-CA UNID XE here is XEQN-Torreon, Coah. slogan is Radio Capullo" per DX News. (LBG-MT) (Thx for the tip. PM)

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TRANS-PACIFIC DX ROUNDUP

- 153 RUSSIA, Komsomolsk, FE 1418 w/well produced nxcast incl. actualities, etc. by R. Rossii. Vy Good 4/29 (CB-HI)
- 529 ALASKA, Level Island "SGM" 1019 3/31. Poor to fair w/wx bc and faint code ID. The broadcast is usually hrd before the code as this fades in (NHP-BC*)
- 531 AUSTRALIA, West Kempsey-2MC 4/6 1146 Good signals w/pop mx and oldies w/Aussie accent man. New!! (VAL-DX) (Good catch. This one is quite reg. here. PM)
JAPAN, Morioka-JOQG 1144 3/31. Poor w/slow male vocal mx and was // 3607.7 (NHP-BC*)
- 567 JAPAN, Sapporo-JOIK 1141 3/31 Man in JJ w/brief musical inter-ludes //3607.7 (NHP-BC*)
- 612 AUSTRALIA, Brisbane, 4QR 4/6 1204. Very good signals and the best and clearest of all hrd this AM w/accented EE nx.New (VAL-DX)
- 666 RUSSIA, Komsomolsk 1330 3/31 Chimes noted u/JOBK which was // 594. Fair (NHP-BC*)
- 693 JAPAN, Tokyo, JOAB 1013 3/31. Good signal cutting thru CBU-690 splat w/man in JJ //774 (NHP-BC*)
- 702 AUSTRALIA, Sydney 2BL 4/6 1150 Good sigs w/man doing nx pgm and talk in accented EE (VAL-DX)
JAPAN, Hiroshima/Kitami JOFB/JOKD 1330 3/31. Man in JJ //828 fair (NHP-BC*)
- 729 JAPAN, Nagoya JOCK 1329 3/31 Man in JJ poor to fair //594(NHP*)
- 738 AUSTRALIA, Grafton 2NR 4/6 1158 Poor w/man doing nx and talk w/Aussie accent. No sign of Tahiti at this time (VAL-DX)
- 774 tJAPAN, Akita JOUB 0902 3/31 Monster audio w/man in Asian lang. (didn't sound quite JJ, but many mentions of Okinawa). This one in a meter pinning signal most of the AM and started coming in over half an hr before JJ sunset (NHP-BC*)
- 819 AUSTRALIA, Melbourne 3L0 1155 Good w/Aussie man talking 4/6(VAL)
NORTH KOREA, Pyongyang 1322 3/31 Good w/martial choral signing //2850 (NHP-BC*)
- 828 JAPAN, Osaka JOBB 1320 3/31 Big signal as was much of the AM only noted here because woman gave a wonderful "JOBB" in passing. (NHP-BC*)
- 837 JAPAN, Niigata JOQK 1344 3/31 Finally showed some good audio JJ talk //594 Usually hrd as soon as some of the powerhouses. (NHP-BC*)
- 846 tPHILIPPINES, Manila DZNN Radio Veritas 1319 3/31. Likely the one w/woman praying "Hail Mary" Fair signal (NHP-BC*) (This station isnot owned by Radio Veritas, just runs some of their pgms according to the station. PM)
- 850 HAWAII, Hilo KHLO 4/20 1206 ID as "...the new 850, Cruisin KHLO" oldies mx. Strong, not no other TPs noted (NP-AB1)
- 855 NORTH KOREA, Sangwon 1504 3/31 Man in KK //3320 . Fair (NHP-BC*)
- 873 JAPAN, Kumamoto, JOGB 1128 3/31 Man in JJ //774 Fair signals (NHP-BC*)
- 891 AUSTRALIA, Adelaide 5AN Woman ending National wx"National Radio" second woman w/ "Adeelaide's 5AN, Regional Radio" 1135 4/9(5P-HI)
- 945 JAPAN, NHK 1 synchros 1348 3/31 Poor to fair woman in JJ //594 (NHP-BC*)
- 981 TAIWAN(Presumed)BEC70 1407 m&w talking in CC. Fair w/splatter from KPWB 4/29 (CB-HI)
- 990 JAPAN, Kochi JORK 1349 3/31. Poor to fair in mess m&w talking //594 (NHP-BC*)
- 999 UNID 1125 3/31 Asian singing poor but ; clear in splatter followed by CC talk by man (NHP-BC*)
- 1008 tJAPAN, Osaka JONR 1524 3/31 Mostly likely the source of JJ talk at fair strength. Near 2 hrs after LSR (NHP-BC*)
- 1017 JAPAN, Fukuoka JOLB 1313 3/31 Man talking //828 u/o Unid mx Fair signal, lots of splatter (NHP-BC*)
CHINA, UNID 1351 3/31 CC talk by man, fair and dominant, not //to CNR1 SW signal. Ideas? (NHP-BC*)(It could have been Guangdong PBS, logged here several yrs ago. PM)
- 1035 JAPAN, NHK2 synchros 1352 3/31. Poor w/man talking //828(NHP-BC*)

- 1125 JAPAN, Naha(Okinawa) JOAD 1022 3/31. Most likely this NHK2 station poor to fair in splatter //774.m&f in JJ (NHP-BC*)
- 1134 tSOUTH KOREA, Hwasong 1204 3/31. Man talking in KK likely nx. Fair signal dominating channel at this time //6015 (NHP-BC*)
- 1152 JAPAN, Kushiro/Kochi JOPC/JORB 0954 3/31, JJ talk by man, poor and mostly buried in splatter but //774 (NHP-BC*)
- 1179 tJAPAN, Osaka JOOR 1200 3/31, Fair signal but lots of splatter a jingle of some sort, JJ talk by woman, then man followed by a single long pip on the hour. There might have been an ID in there, but couldn't dig it out (NHP-BC*)
- 1242 tJAPAN, Tokyo JOLF 1308 3/31 JJ talk by woman,good (NHP-BC*)
- 1305 SOUTH KOREA, Uljin HLSV 0924 3/31. Woman talking in KK //3930 poor to fair (NHP-BC*)
- 1332 tJAPAN, Nagoya JOSF 1304 3/31, JJ talk by man and woman, poor to fair in splatter (NHP-BC*)
- 1350 JAPAN, Hiroshima JOER 1400 4/29 w/several people talking, spots incl one that sounded like Dentyne Gum. Well over domestics w/steady signal (CB-HI)
- 1377 JAPAN, NHK2 synchros 1403 3/31 EE nx by woman //828,fair(NHP*)
- 1386 JAPAN, NHK2 synchros 0933 3/31 Man in JJ,poor //747 (NHP-BC*)
- 1395 PHILIPPINES, UNID, relay of DZRH-666 1400 3/31, woman in Tagalog,fair, no local ID. This relay is the most likely judging by shipboard loggings (NHP-BC*)
- 1467 SOUTH KOREA, Mokp'o HLKN 1154 3/31. Man and woman in KK //3930 poor in splash (NHP-BC*)
- 1503 JAPAN, Akita JOUK 1338 3/31 Fair to good man in JJ //594(NHP*)
- 1513 PHILIPPINES, Manila DYAB 1425 w/CBN Manila request program and and woman ancrs, pop ballads and promo for the "Princess of Paradise" Good signal in EE and Tagalog. Sounded like a happy bunch 4/29 (CB-HI)
- 1557 PHILIPPINES, Olongapo City DWGO 1435 w/musical pgm EZL and Pop back to back, man ancr weak w/QRN & QRM 4/29 (CB-HI)
- 1593 JAPAN, Matsue/Niigata JOTB/JOQB 1003 3/31 Man and woman reading nx in JJ fairly and //774 (NHP-BC*)
- 1620 UNID, faded up w/female vocal at 1255(maybe Australia?) 3/17 then faded out. Could also be a domestic as I hrd rap my here one evening (LBG-MT)

Here are a few other last minute tips

- 792 AUSTRALIA, Brisbane 4NR 4/6 1209 Good signals in accented EE doing nx. Last station hrd during the best opening EVER to Australia. No hets above 900, was happy with the rest.(VAL-DX) (Great going on all the DU catches.PM)
- 783 RUSSIA, Tavrichanka FE 1412 in what appeared to be nx 4/29(CB) +Also noted 3/31 1009 Vy good signal w/woman in RR. Strength improved further as morning progressed, although a second audio turned up as it weakened between 1200-1300 (NHP-BC*)
- 780 UNID, Man w/AC mx mixed w/poss. PSAs, Thought I hrd at 1148 4/1 "...your bleeding heart. Remember...Let's go back to the 70s.....19-6-5 now on KNOM..."Also hrd TC "7 minutes after 3 o'clock. Poor u/KKOH. Did KNOM increase power?(5P-HI) (They are still 10KW as far as Iknow,hrd here occ.PM)

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.

AM broadcast stations operating on 1720 through 4000 kHz

✧ Tropical Band DX Roundup ✧

All Times are UTC

Pat Martin
P.O. Box 843
Seaside, Oregon 97138

Dedline: Tuesdays

Here we are with another good turnout for the Tropical Band Column. So away we go, with reports from Chuck Boehnke and Nigel Pimblett.

- 2310 AUSTRALIA, Tennant Creek VL8T NT 4/3 w/program in Aboriginal lang. Several people talking slowly vry good 4/3(CB-HI)
- 2410 PAUPA NEW GUINEA, Radio Enga 4/6 1155 in Pidgin w/local wx closing anmts by man, anthem then s/off at 1200(NP-AB)
- 3280 CHINA, Voice of Pujiang (Presumed) Shanghai 4/3 1312 with man and woman doing what sounded like a nxcast in CC, good(CB-HI)
- 3335 TAIWAN, Taipei, CBS 4/3 1330 w/CC Inst mx female ancr (CB-HI)
- 3345 INDONESIA, Ternate RRI 4/3 1320 w/nice EZL mx female ancr(CB-HI)
- 3375 ANGOLA, Emissora Nacional 4/6 0435 PP w/male DJ talking thru disco tune //4950 (NP-AB)
- 3390 CHINA, Xinjing People's BC (Urumqi presumed) 4/3 1325 in rousing mx and two loud pushy male ancrs. Fair (CB-HI)
- 3900 CHINA, Hailar 4/5 1244 Presumed the one w/alternating CC talk by a woman (NP-AB)
- 3935 NEW ZEALAND, ZLXA 4/5 1248 In EE man mentioning National Health in 50s tune (NP-AB)
- 3940 HONG KONG, 4/6 1027 "This is RHTK broadcasting on 3940 Khz with wx information for yacht race competitors from Hong Kong. The weather follows at 6:30 Hong Kong Time." This was repeated several times, then wx report followed (NP-AB)
- 3976.1 INDONESIA, Pontianak RRI 4/5 1251 Female DJ hosting in Indo. Western style vocals. No ID (NP-AB)
- 3995 GERMANY, DW 4/6 0540 in GG news magazine type pgm //6075 (NP-AB)

THANKS TO THESE GREAT REPORTERS

- SA-MB SHAWN AXELROD, 30 BECONTREE BAY, WINNIPEG MB R2N 2X9
DXing with Icom R70, Plam Board, Filter mods, 4 foot box/
Quantum Loop
- VAL-DX SHAWN AXELROD/LARRY SHEWCHUK/WAYNE MCRAE/LORNE CHESTNUT
DXing at Valhalla Beach DX Site 2-Icom R70 w/Plam Boards,
Filter mods, Grundig 700, 14 LWs/beverages
- CB-HI CHUCK BOEHNKE, POST OFFICE BOX 488, KEAAU HI 96749-0488
DXing with R71A, Kahuna Dipole
- LBG-MT LARRY B GODWIN, 2390 CLYDES DALE LANE, MISSOULA MT 59801
E MAIL lbg@selway.umd.edu. Rx HQ-150, Sanserino air-core box
loop and KIWA Loop
- TRH-CA TIM AND KAREN HALL, 350 G STREET, #F-1 CHULA VISTA CA 91910
E Mail MSNL77A@prodigy.com, ICF-2010 and KIWA Loop
- NHP BC NICK HALL-PATCH, 1538 Amphion Street, Victoria BC V8R 4Z6
DXing from Jordan River, BC homebrew rx, ICF-2010 and 2000'
Beverage at 300 degrees
- 5P-HI DALE PARK, POST OFFICE BOX 22778, HONOLULU HI 96823
Sangean ATS-803A, Selec-A-Tenna
- NP-AB NIGEL PIMBLETT, 1146 QUEEN STREET, MEDICINE HAT, AB T1A 1B4
DXing from Medicine Hatt 100' Bev at 260 degrees
- NP-AB1 NIGEL PIMBLETT DXing from Lamont, AB var beverages and log
periodic
- LMT-AB LANCE M. THOMAS, 200 SPRINGDALE CICLE, AIRDRIE AB T4A 1N7
Hallicrafters S53-A, Homebrew 16" superloop V3.0

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DX WORLDWIDE EAST

Report from: Mark Connelly - WA1ION - MarkWA1ION@aol.com

[Connelly*Y-MA] = West Yarmouth, Cape Cod, MA <parents' house>
(GC = 70.22 W / 41.68 N)

Receiver used: Drake R8A

Antenna systems: two remotely-tuned loops (at a right angle to each other) to DCP-2 controller - phaser

DATES: 1996 (UTC/GMT)

TIMES: UTC/GMT

* TRANS-ATLANTIC DX *

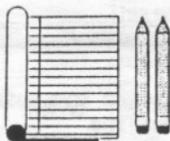
- 531 ALGERIA, Ain-el-Beida, APR 28 0337 - AA female vocal; good, atop Spain. RVC-532 pest nulled. [Connelly*Y-MA]
- 558 SPAIN, RNE5 synchros, APR 28 0342 - bits of SS talk; poor. [Connelly*Y-MA]
- 585 SPAIN / TUNISIA (t), APR 28 0348 - woman in SS mixed w/ apparent AA vocal; bad low-pitched growl present. [Connelly*Y-MA]
- 621 CANARY ISLANDS // SPAIN, RNE1 synchros, APR 28 0320 - SS talk; fair to good o/ WXLX/WZON/WVMT slop. [Connelly*Y-MA]
- 684 SPAIN, RNE1, Sevilla, APR 28 0315 - SS talk by man; fair in WRKO slop. SAH, bits of second audio under. [Connelly*Y-MA]
- 836 unID, APR 28 0545 - bits of music, het against 837; maybe Azores drifting again. [Connelly*Y-MA]
- 855 SPAIN, RNE1 synchros, APR 28 0250 - SS vocal; fair. [Connelly*Y-MA]
- 882 CANARY ISLANDS // SPAIN, APR 28 0412 - fast SS talk by man; fair w/ WCBS phased. [Connelly*Y-MA]
- 891 ALGERIA, Algiers, APR 28 0243 - AA vocal; fair through slop. + APR 28 0416 - AA male vocal at light audio level on massive carrier. [Connelly*Y-MA]
- 1026 SPAIN, SER synchros, APR 28 0514 - SS teletalk; fair w/ CCR-1025 pest off at the time. [Connelly*Y-MA]
- 1044 SPAIN, SER, San Sebastian et al., APR 28 0422 - man & woman in SS; fair o/ growl. [Connelly*Y-MA]
- 1089 UNITED KINGDOM, TalkRadio synchros, APR 28 0430 - EE teletalk; fair through WBAL slop. [Connelly*Y-MA]
- 1107 SPAIN, RNE5 synchros, APR 28 0435 - excellent w/ flamenco guitar, SS male vocal; o/ others. There was a tremendous enhancement of mid- and high-band Spaniards in the 0430-0515 UTC period and some all-time signal strength records were probably broken. All this on an evening that had only been mediocre TA-wise earlier. [Connelly*Y-MA] 1116 SPAIN, SER synchros / probable ITALY, APR 28 0437 - man & woman in SS; good to excellent o/ classical music station. [Connelly*Y-MA]
- 1125 SPAIN, RNE5 synchros, APR 28 0439 - // 1107 w/ folk SS vocal, then SS talk by man; very good. [Connelly*Y-MA]
- 1143 SPAIN, COPE synchros, APR 28 0442 - fast SS talk, in growl. [Connelly*Y-MA]
- 1152 SPAIN, RNE5 synchros, APR 28 0441 - // 1107, 1125 w/ folk SS male vocal & guitar; fair to good. [Connelly*Y-MA]
- 1161 SPAIN, EI, San Sebastian, APR 28 0444 - bits of SS talk; hammered by WOBM pest. [Connelly*Y-MA]
- 1179 SPAIN // CANARY ISLANDS, APR 28 0540 - SER SS news by man & woman; poor to fair, starting fade-out. [Connelly*Y-MA]
- 1215 SPAIN, COPE synchros, APR 28 0445 - SS talk by man; to fair peak. [Connelly*Y-MA]
- 1251 LIBYA, Tripoli, APR 27 2321 - man in AA; fair, some slop from local WUOK-1240. [Connelly*Y-MA]
- 1287 SPAIN, SER, Lerida-Lleida et al., APR 28 0446 - rapid-fire news by man in SS; fair, o/ others. [Connelly*Y-MA]
- 1296 SPAIN, COPE, Valencia, APR 28 0448 - HUGE (S9+30 !) w/ SS man talking about upcoming programs. [Connelly*Y-MA]

- 1305 SPAIN, RNE5 synchros, APR 28 0449 - bits of female SS vocal surfacing above a horrendous jamming-like growl. [Connelly*Y-MA]
- 1314 SPAIN, RNE5 synchros, APR 28 0450 - SS music // 1305; badly slopped by S9+50 CKEC-1320. [Connelly*Y-MA]
- 1325 MOROCCO, Safi, APR 28 0544 - bits of FF-sounding vocal; poor in severe CKEC splash. [Connelly*Y-MA]
- 1359 SPAIN, RNE FS, APR 28 0453 - SS talk, then some great flute & guitar instrumental music; like a local at S9+40 ! [Connelly*Y-MA]
- 1422 GERMANY, Heusweiler, APR 28 0455 - classical music; fair / fadey and mixed w/ second audio fragments (Algeria ?). [Connelly*Y-MA]
- 1485 SPAIN, APR 28 0457 - excited SS talk by man; fair to good. [Connelly*Y-MA]
- 1521 SAUDI ARABIA, Duba, APR 27 2255 - AA talk by woman; fair at fade-in. + APR 28 0016 - Koranic male AA vocal; local-like. [Connelly*Y-MA]
- 1530 VATICAN, Vatican R., APR 14 0415 - Slavic talk by man & woman; dominant w/ VOA Sao Tome and WSAI noted under. [Connelly*Y-MA]
- 1539 SPAIN, SER, Manresa / Elche-Elx, APR 28 0458 - SS male vocal & guitar; slow SAH from probable German way under. [Connelly*Y-MA]
- 1566 AZORES, Vila de Porto, APR 27 2300-2338 - PP talk and US / Euro-type vocals; poor. Tunisia (back on per report from Sharp in FL) was not noted, but Azores and the heavy WQEW-1560 slop were possibly masking it. [Connelly*Y-MA]
- 1575 SPAIN, SER synchros, APR 28 0459 - // 1584, 1602 w/ plaintive SS vocal; excellent. [Connelly*Y-MA]
- 1584 SPAIN, SER synchros, APR 28 0459 - // 1575, 1602 w/ SS vocal; huge. [Connelly*Y-MA]
- 1602 SPAIN, SER synchros / EI, APR 28 0459 - SER // 1575, 1584 w/ SS plaintive vocal mixing evenly w/ EI Vitoria w/ SS talk. [Connelly*Y-MA]
- 1698 SPAIN (t), APR 28 0505 - 2-way QSO in SS on upper sideband; good strength. [Connelly*Y-MA]

* PAN-AMERICAN DX *

- 535 GRENADA, GBC, St. George's, APR 28 0339 - energetic soca vocal w/ rhythm backing; to good peak w/ RVC-532 nulled. [Connelly*Y-MA]
- 640 CUBA, R. Progreso synchros, APR 28 0330 - "Nights in White Satin" by the Moody Blues, then SS ID "R. Progreso". This was followed by a female SS vocal. Excellent, o/ slight 641 het. [Connelly*Y-MA]
- 640 GUADELOUPE, RFO, Pointe-a-Pitre, APR 28 0556 - FF male vocal, then FF talk by woman; fair in mix w/ EE station that was probably CBN. [Connelly*Y-MA]
- 641 unID, APR 28 0327 - open carrier on directional bearing similar to adjacent Cuba-640 (which was strong at the time). [Connelly*Y-MA]
- 650 COLOMBIA, RCN Antena Dos, HJKH, Bogota, APR 28 0325 - SS sporting event w/ a Barranquilla team; excellent, alone on channel. [Connelly*Y-MA]
- 670 CUBA, R. Rebelde, CMQ, Arroyo Arenas, APR 28 0322 - // 710 w/ festive old-fashioned Latin American dance music w/ vocal & big-band orchestra; loud, totally dominating the channel. [Connelly*Y-MA]
- 710 CUBA, APR 28 0322 - // 670 w/ old-style Latin American dance band music. [Connelly*Y-MA]
- 750 VENEZUELA, R. Caracas R., YVKS, Caracas, APR 28 0307 - R. Caracas R. ID, SS news by woman, promo's / RCR slogan; loud, covering the domestics. [Connelly*Y-MA]
- 760 COLOMBIA, RCN, HJAJ, Barranquilla, APR 28 0304 - SS ads for bank, discotheque in Barranquilla; atop WJR/Cuba/rumble. [Connelly*Y-MA]
- 770 COLOMBIA, RCN, HJXX, Bogota, APR 28 0049 - RCN news by man & woman in SS w/ mentions of several Colombian cities including Tolima; close to WABC strength and excellent w/ WABC nulled. [Connelly*Y-MA]
- 840 CUBA, CMHW (t), APR 28 0404 - back-to-back SS pop music; occasional talk but no ID; huge signal, annihilating WHAS. [Connelly*Y-MA]
- 860 PANAMA, R. Reforma, HOL55, Chitre, APR 28 0257 - "desde Panama" mentions and references to several Panama cities, then festive music; slightly o/ apparent Colombian and a jumble of others w/ CJBC nulled. [Connelly*Y-MA]

- 885 MONTERRAT, R. Montserrat, ZJB, Plymouth, APR 28 0246 - male Carib
EE DJ, reggae vocal; good. [Connelly*Y-MA]
- 1025 TURKS AND CAICOS, Caribbean Christian Radio, APR 28 0038 - EE
religious talk & requests for donations; loud, sometimes stronger
than WBZ-1030. [Connelly*Y-MA]
- 1375 ST. PIERRE & MIQUELON, RFO, APR 28 0454 - man & woman in FF w/
tinny audio typical of a speaker-to-microphone relay; excellent
signal level as usual. [Connelly*Y-MA]



Eastern DX Forum

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

Deadlines: 6/1, 6/29, 7/27, 8/24, 9/7...

Quentin R. Davis, 1905 Blackiston Mill Rd, Jeffersonville, Indiana 47130
I managed to pull in the KFNW test, per a tip from R.C. Watts.
Already received a v/l plus stix. Just recently purchased a Radio West
Loop so will try it next season! More, as it happens. 73's de Randy.
(Randy, welcome to EDXF. Hope to hear from you often--rce)

R.C. Watts, 4109 Graf Drive, Louisville, Kentucky 40220-3016
I picked up a Louisville Redbirds baseball schedule at Kmart. All
games broadcast live by WHKW-1080. WBFC-1470 in Stanton confirmed back
on the air by the station. Simulcasting WSKV-104.9 for time being. The
arc detectives returned and replaced an insulator. The noise has not
completely gone but I suppose any improvement is better than none. Col.
XYZ and I drove up to Scipio, IN this 4/24 to see WKRP-1460/WINN-106.1
(North Vernon). The FM tower and Tx building is adjacent to the
studio/office building which is quite spacious. GM Sue King showed us
around and introduced us to the staff. Got some pix. AM tower is 6 or
so miles away on US 50, east edge of North Vernon. Indiana DOT has a
HAR on 820 kHz at Clarksville for Southbound I-65 and the Kennedy Bridge
construction. Have a nice spring and a happy summer!



Western DX Forum ★ ★ ★ ★ ★

Reid Wheeler 5910 Boulevard Loop SE Olympia, WA 98501

Deadline: Saturday 2 weeks before publication

Gary Jackson, 7735 Center Pkwy, Sacramento CA 958223

[4/14] Pat Martin talks about followups and phone calls to obtain his QSLs. I just verified TIS/HAR 1030
KHz WEEI434 (Walnut Creek, CA) and WTEI434 (Vallejo, CA) after about 20 followups and maybe 20-
30 phone calls. It is a prepared card but I'll take it. These two stations are no longer on the air, so as far
as I know I have the only verification. Now only 16 more CalTrans followups to go - help. 73's

Larry Godwin, 2390 Clydes Dale Lane, Missoula, Montana 59801

(E-Mail to lbg@selway.umd.edu)

Greetings! We just returned from a trip to Sacramento and back up the Oregon Coast to Newport. I
enjoyed a brief visit with member Jack Woods in Waldport. We exhausted our vacation funds for this
summer, so unfortunately I'll miss the IRCA convention this year. DX-wise, it's been an unusual spring
with little auroral activity, although I wasn't checking while we were gone 4/16-5/1. Anyhow, good DX to
everyone this summer, when occasional spectacular surprises can occur.



WESTERN DX ROUNDUP

Nancy Johnson
979 Neptune Boulevard
Billings, MT 59105-2129

★ **PRODIGY**
MPNN49B

Electronic Mail: Internet: WDXR@aol.com

America On Line: WDXR

Compuserve: 74444,3075

Prodigy: MPNN49B

WDXR DEADLINES: June 1, June 29, July 27, Aug. 15, Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (FA) Frank Aden-4096 Marcia Place-Boise, ID 83704
Modified FRG-7, modified Radio Shack TRF, Sony SRF-42 AM stereo Walkman,
45' N-S longwire, 180' L-longwire, 4' box loop
- (LBG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59801 lbg@selway.umt.edu
Hammarlund HQ-150, Sanserino air-core box loop & KIWA loop
- (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, 900' NNW Beverage, 1500' E Beverage, terminated 200' SW wire
- (CM) Curtis McMenamin-667 Corte Castro-Vacaville, CA 95688
Sony ICF 2010, Radio West loop
- (5P) Dale Park-P.O. Box 22778-Honolulu, HI 96823
ATS-803A, Selec-A-Tenna, Honda car radio
- (BEP) Bobby Ed Peck-3775 Latrobe St.-Los Angeles, CA 90031
Superadio III, Select-A-Tenna
- (NP) Nigel Pimblett-1146 Queen St.-Medicine Hat, AB T1A 1B4
Kenwood R-5000, KIWA loop
(NP-AB1) DX'ing in Lamont, AB using Kenwood R-5000 and various Beverages
- (MS) Mike Sanburn-P.O. Box 1256-Bellflower, CA 90707
GE Superadio II
- (LMT) Lance Thomas-200 Springdale Circle, Airdrie, AB T4A 1N7
Hallicrafters S53A & 16" loop
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio II, GE long-range portable, Select-Antenna
(RW-CA1) DX'ing from Southern CA
-

OF SPECIAL INTEREST

- 1400 ?KKDD? NV, Las Vegas 4/29 0400 tentative under mess with "Radio Ahs" IDs //KPLS-830.
Has moved here, ex-1410, per friend in Las Vegas. (RW-CA)
- 1540 KXMG CA, Los Angeles 4/15 2100 new calls for local Spanish station. Slogan is "Mega
1540." Thanks to Robert Wien for tip. Ex-KXEO, KSKQ, KZLA, KPOL. (MS-CA)
- 1630 KXBT CA, Vallejo 4/28 strong carrier at 0545, then at 0600 ID as "KXBT, 1630 kHz,
Vallejo" and into Gospel soul music at 0601. (GJ-CA)
+4/29 0343 good with several local spots, ID "1630 AM Stereo, Classic Soul,
KXBT." Ex-1640. (RW-CA)
+5/2 2300 ex-1640 strong with legal ID. 5/4 noted OC only at 0800 & 0900. (LBG)
-
- 700 KBYR AK, Anchorage 4/10 good way over others with news, "KBYR Anchorage" at 0500
into CBS news. (PM-OR)
- 720 KOTZ AK, Kotzebue 4/8 2350 male announcer with hi-lites of forthcoming weeks program
descriptions/times, "KOTZ" repeated several times. Under/equal to WGN. New
and Alaska #1! (LMT-AB)

12

- 630 KHOW CO, Denver 4/16 0330 blasting in with news program, all alone on frequency. (RW-CA1)
- 750 KFQD AK, Anchorage 4/10 good on top of KXL with oldies rock, ID at 0450 "First with the news, KFQD," ABC net news, weather. (PM-OR)
- 790 WMC TN, Memphis 4/17 0512 fair fading up at TN local sunrise. Male talk show host answering phones as "WMC Memphis." New & first "W" on 790 kHz. (LMT-AB)
- 840 KKNX OR, Eugene 4/22 0500 good in KVEG null with new Bloomberg Information News format, ID on Hour. Ex-KOOK. (RW-CA)
- 850 CFVR BC, Abbotsford 4/5 0732 "Radio Max" ID, contest info thru the QRM from CKBA. This one is rare here. (NP-AB1)
- 1010 KSIR CO, Brush-Ft. Morgan 4/22 0627 strong over CBR in KIQI null with sports program, ID "KSIR AM & FM, Brush-St. Morgan." Listed 900 watts nights. DA right at me??? (RW-CA)
- KXYQ OR, Milwaukie 4/15 2300 s/off with low-key annc. Man ID'd as "1010 AM The Voice," no call letters; no anthem. Said would s/on at 0930. (LBG-MT)
- 1130 CKWX BC, Vancouver 4/28 0630 strong & clear with news program, while DX'ing from Llano, CA. (BEP-CA)
- 1230 KGFJ CA, Los Angeles 4/14 1700 strong while driving thru L.A. with ID "Your personal achievement stations, KYPA is KGFJ Los Angeles, and KTSJ Pomona." So neither 1220 nor 1230 has changed calls yet to KYPA or KWPA. (RW-CA1)
- 1240 KPPC CA, Pasadena 4/14 1630 fair just over KKLA/KSON with Spanish religious program, English program later, while driving around L.A. Not //1230 or 1240, and not KXPA! (RW-CA1)
- 1290 KGVO MT, Missoula 4/5 2045 ad for Dr. Laura, then ID as "Super Newstalk 1290, KGVO." Some interference from KUMA. (NP-AB1)
- 1410 CFUN BC, Los Angeles 4/12 0327 Westwood One's "Mike Walker Show" in progress. 0329 health feature, promo saying old AC format has moved to sister station "QM-FM 1-oh-3-point-5" & the AM is now called "14-10 C-Fun, Talk With Attitude." (5P-HI)
- 1450 KONP WA, Port Angeles 4/5 0759 ad for KONP Easter Egg Hunt, ID "When news breaks, all of Clallum Country turns to AM 1450 KONP, Port Angeles-Sequim," then Mutual news. (NP-AB1)
- 1490 CJSN SK, Shaunavan 4/5 0811 ad for New Holland dealer in Shaunavan, then into weather. (NP-AB1)
- 1560 WQEW NY, New York 4/6 0208 time check "2:08 at 1560, WQEW," into nostalgia tune. Amazingly clear for about 30 minutes. (NP-AB1)
- 1610 --- CA, Burbank? 4/15 1700 good in Burbank after Underground Radio fadeout driving out of Hollywood. Had telephone button noises, repeated over and over. (RW-CA1)
- CA, Hollywood 4/14 1830 good driving thru Hollywood with "Underground Radio" IDs, talk by the "Geekboy," secret word was "Tori Amos" (for prize giveaway). (RW-CA1)
- TIS MT, Moiese 4/5 2321 TIS with woman announcer "Welcome to the National Bison Range...etc" Mixing with the TIS from Chief Joseph Dam. (NP-AB1)
- 1640 ?KXBT? CA, Vallejo 4/2 0020 probably this with what sounded like 60's classic rock, also 4/4 2340 with R&B oldie, male DJ, faint under white noise. (5P-HI)

DX TESTS

- 940 (WSWM) MO, Aurora 4/8 0300-0330 nothing heard in the mess that sounded like a test. (FA-ID)
- 1200 KFNW ND, Fargo 4/6 0500-0600 great signal on DX test. Heard code IDs, voice IDs, long periods of tone & sweep tone. Called station, sent report, and sent tape. already confirmed. Thanks JD Stephens for advance tip. ND #3. (MS-CA)
- +4/6 0500-0600 coming in good with Morse code IDs, many test tones and a voice ID. Also announced IRCA radio club. (CM-CA)
- (KFNW)+4/6 0500-0600 nothing heard, had thought this one would have had a good chance to make it. (FA-ID)
- 1250 (WNRK) DE, Newark 4/6 0000-0200 nothing heard and did not expect to. (FA-ID)

1570 (WYTI) VA, Rocky Mount 4/8 0000-0030 nothing heard under CKTA which was dominant at that time. (FA-ID)

UNIDS

- 660 4/6 0650 someone airing the album version of "American Pie" and woman talking, before slipping under KTNN-AZ. CFFR-AB? (5P-HI)
- 780 4/1 0618 man airing AC music and possible PSAs. 0648 thought I heard him say "... Your Bleeding Heart. Remember... Let's go back to the 70's... now on KNOM." Also heard time check at 0651 "7 minutes before 3 o'clock." Poor, mostly under KKOH-NV. Did KNOM up power or something? The next night I definitely heard the announcer give a time check that was one hour ahead of local time here. (5P-HI)
- 780 4/8 0740 man with time check "17 minutes before 4," PSA, song by Gordon Lightfoot, announcement "Thanks so much for listening to K-Nom (?)" Poor to very poor over/under KKOH, also Mexican faded up at 0750. (5P-HI)
- 880 3/31 0742 nostalgia music, ID missed, seemed automated. KIXI-WA? Poor, mostly under KRVN-NE, het from 882, (5P-HI)
- 1260 4/22 0635 unID nostalgia station fairly good in KOIT null. Ideas? (RW-CA)
- 1450 4/5 0805 heard ID through the jumble as "You've found us, the home of America's best country, AM 1450, KTFR." Wasn't positive on the call, but couldn't find any similar. Did I miss a call change? (NP-AB1)
- 1580 5/3 0857-0903 apparent Canadian with man giving weather in monotone voice; maybe a tape loop. Said "low near 2, high near 12, precipitation probability 70%" at 0858; surely temp. is in Celcius, suggesting Canada. Ment. the number "505." At 0903, said "5 below" and seemed to say "forecast for British Columbia." Is there a new BC or AB station here? Strong QRM from KCWW. (LBG-MT)

Welcome to WDXR, Bobby, we hope to hear from you often. The next WDXR deadline is Saturday June 1. As a result, May contest standings will go out with that column, and final standings with the column typed on June 29. In case you didn't realize it, times in WDXR are eastern local. That means when reporting to WDXR use standard or daylight savings time, whichever is in use at the time of reception.

Geomagnetic Summary April 24 1996 through May 1 1996

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

Date	FLUX	A	K	SA	GEO	OTHER
4/25	67	6	2	very low	quiet-unsettled	-
26	z	z	z	z	z	-
27	68	7	2	very low	quiet-unsettled	-
28	67	4	2	very low	quiet	-
29	z	z	z	z	z	-
4/30	68	5	1	very low	quiet	-
5/ 1	67	9	2	very low	quiet-unsettled	-

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Central DX Roundup



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Deadlines: Saturdays 6-1, 6-29, 7-27, 8-15, 9-7.

Please report all times as Eastern. Tips over a month old will not be included. Include only what would be considered as DX, or unusual format diversions if it is a 50kW nearby or a local station. Your tips should be of help to other DX'ers, so include helpful information such as formats.

RIDING GAIN

- [EB-MO] **Eric Bueneman**, N0UIH, Hazelwood, Missouri. EBSDJDX@aol.com
Realistic DX-400, Realistic TM-152, Worcester Space Magnet 2.
- [RPB-TX] **Richard Boehme**, Allentown PA boehmerp@ttown.apci.com
DX'ing while on business in Houston, TX using a Realistic DX-375.
- [QRD-IN] **Quentin R. Davis**, Jeffersonville, IN 47130
392, Select-A-Tena, "Radio West" loop.
- [CAD-TX] **Charles A. Dobbins**, Houston, Texas.
Radio Shack DX-160, 80m inverted V antenna, MFJ-956 tuner. Sony ICF-SW7600.
- [NJ-MT] **Nancy Johnson**, Billings, Montana Nancy_Johnson@prodigy.com
Icom IC-R71A, "Radio West" Loop, GE Superadio III.
- [RS-MO] **Randy Stewart**, Springfield, Missouri.
Yaesu FRG-100 modified by EEB with 6-kc Collins filter, 4-kc filter.
- [JcJ-MT] Your editor using an Icom IC-R71A, "Radio West" loop.

SPECIAL INTEREST

- 1270 **WHTS** IL, Rock Island. **EX-WKBF**. 4-15 topping 1270. 2058 with CHR, "WHTS Rock Island, All Hit 98-9" legal ID. [EB-MO1]
- 1630 **KXBT** CA, Vallejo. **EX-1640**. 4-28 noted neither on 1640 nor 1630. 4-29 at 0200 found KXBT has moved to 1630 as per new FCC Expanded Band list. Thanks to Robert Wien for the tip! [NJ-MT]
+4-29 good signal, but drifts. 0205 noted with mix of soul and light soul songs from the 1970s. "Soul Food Café" taking requests. ID'ing as "1630 AM Stereo Classic Soul KXBT." EX-1640. I'm glad I got them verified on 1640! Thanks to Robert Wein and to Nancy for the tip! [JcJ-MT]
+5/1 fair to poor. 0240 noted with PSA's for local SPCA and a charity golf tournament, gave phone number with 707 code. Mentioned "1630 AM" "Soul Food Café" and "KXBT." Urban oldies. EX-1640. Report sent. [EB-MO]

DOWN THE DIAL

- 550 **KTSA** TX, San Antonio. 4-25. 2130 noted with health talk. [RPB-TX]
- 560 **KLVI** TX, Beaumont. 4-25. 2130 noted with Houston Astros game. [RPB-TX]
- 570 **KLIF** TX, Dallas. 4-25. 2130 noted with Dallas area news and talk. [RPB-TX]
- 600 **KTBB** TX, Tyler. 4-25. 2130 noted with baseball game. Mentions of Tyler. [RPB-TX]
- 630 **KSLR** TX, San Antonio. 4-25. 2130 with "KSLR" and local talk. [RPB-TX]
- 640 **WWLS** OK, Norman. 4-26. 0700 with CBS News, Oklahoma news, "WWLS Norman, OK" Legal ID. [RPB-TX]
- 680 **KFEQ** MO, St. Joseph. 4-25. 2130 noted with Kansas City Royals vs. Orioles baseball game. Also some Missouri news. [RPB-TX]
- KKYX** TX, San Antonio. 4-25. 2130 noted with local AA baseball. "KKYX" ID. [RPB-TX]
- 700 **KSEV** TX, Tomball. 4-26. 0700 with "Supertalk 700, Tomball, TX." [RPB-TX]

- 710 **KGNC** TX, Amarillo. 4-26. 0700 with farm talk on the "PEP Network." Some mentions of Amarillo. [RPB-TX]
- 720 **WMXY** GA, La Grange-Hogansville. 4-2 fair in WGN null. 2015 with signoff. Mentioned 10kW power and inviting listeners back in the morning at 7:15. [RS-MO]
- 930 **CKNS** ON, Expanola. 4-26 fair to poor w/WTAD, WNZS. 0452 noted with AC music, "North Shore Radio" slogan. Mention of CKNR-1340 in legal ID at 0500. [EB-MO]
- WBEN** NY, Buffalo. 4-26 fair to poor with WTAD, WNZS, and CKNS. 0458 noted with promo mentioning WKBW-TV and NewsChannel 7. "News-Talk 930 WBEN" slogans, 0459 legal ID into weather for Buffalo and CBS News. NY#10. [EB-MO]
- 950 **KNFT** NM, Silver City. 4-19 good. 0541-0606 with country music, local spots with mentions of Silver City and Demming. 0600 ABC News. ID's as "America's Best Country KNFT." Good for a reported 224 watts. [CAD-TX]
- 1030 **WSSV** TN, Memphis. 5-2 good over others in WBZ null. 0340 noted with "Sports Radio WSSV" slogan, sports scores, network spots. EX-WXZZ, change from Urban Gospel. [EB-MO]
- 1150 **KUHD** TX, Port Neches. 4-25. 2200 with religious program, Gospel music. [RPB-TX]
- WJBO** LA, Baton Rouge. 4-25. 2200 w/Limbaugh tirade. Baton Rouge mention. [RPB-TX]
- 1230 **KWTX** TX, Waco. 4-10. 0729-0747. CBS News, Osgood File, local weather and local election returns. 0734 with jingle ID "KWTX News and Information." Several mentions of Waco and McLennan county. [CAD-TX]
- 1240 **KTAM** TX, Bryan. 4-25. 2200 with sports talk. [RPB-TX]
- 1290 **KIVY** TX, Crockett. 4-15. 0753-0810 with Texas State Network News into ABC News at 0800. ID "You're listening to KIVY in Crockett." [CAD-TX]
- KWFS** TX, Wichita Falls. 4-25. 2200 with Rush Limbaugh. [RPB-TX]
- 1300 **WOAD** MS, Jackson. 5-2 good o/WOOD. 0410 noted with Urban Gospel, "1300 AM WOAD" ID in promo. Ex-1400. [EB-MO]
- 1330 **KVOL** LA, Lafayette. 4-25. 2200 with baseball game. Lafayette mentions. [RPB-TX]
- 1350 **CKDO** ON, Oshawa. 5-2 good o/KRNT. 0423 noted with "Great Oldies, Good Times, CKDO" and "GTO" slogans. Oldies format. Number 400 from this location. [EB-MO]
- 1360 **WMOB** AL, Mobile. 5-2 fair to poor w/KSCJ, WAOZ, others. 0431 noted with "WMOB Mobile" legal ID into Southern Gospel music. WAOZ may have been the one running "Brother Stair" on 1360 at the time. If so, it may have moved from WSAI-1530. [EB-MO]
- 1410 **KOOQ** NE, North Platte. 4-16. 0300 with ID, oldies music. [NJ-MT]
- WIZM** WI, La Crosse. 4-16. 0305 with weather, slogan "Wizzim," spot for Marquette. 0106 with ID "WIZM La Crosse, Wisconsin." 0107 with Art Bell program [NJ-MT] +4-16 briefly good in KOOQ null. 0400 legal ID "1410 WIZM La Crosse." Also mentioned "News Radio." Quick fade. Not needed, but rare here. Thanks to Nancy for the tip, needed for the contest! [JcJ-MT]
- 1420 **KTOE** MN, Mankato. 5-2 fair w/WOC. 0505 noted with end of ABC News, call ID, local sports and weather. [EB-MO]
- 1430 **CKYC** ON, Toronto. 5-2 fair to poor with intermittent stereo u/WMYS in local WRTH null. 0509 noted with country music and mention of "Country Music Radio," but not enough for a report. [EB-MO]
- WBEV** WI, Beaver Dam. 5-2 poked through WMYS in local WRTH null. 0529 with calls and possible news. May be 24 hours now? [EB-MO]
- WMYS** IN, Indianapolis. 5-2 fair to poor with intermittent stereo over CKYC in local WRTH null. 0517 with promo, frequent "AM 1430 WMYS" ID's. Adult Standards. [EB-MO]
- 1460 **KBRZ** TX, Freeport. 4-25. 2230 with country music. "KBRZ" ID. [RPB-TX]
- WACO** TX, Waco. 4-25. 2230 with sports talk. Mentions of Waco. [RPB-TX]
- 1510 **KCTE** MO, Independence. 4-3 poor fighting nearly unnullable WLAC. 2000 with signoff announcement. "KCTE operates on the AM frequency of 1510 with a daytime power of 10,000 watts." New for me. [RS-MO]
- 1550 **KXOJ** OK, Sapulpa. 4-3. 0255-0341 with religious music and spoken word. Several ID's "Stereo AM 1550 KXOJ." Report sent, but they returned a rejection saying "Sorry, not us." [CAD-TX]

- 1560 **KKAA** SD, Aberdeen. 4-16. 0611-0638 with country music and plenty of station ID's "Your brand of country, K-K-double-A." 0630 local news with a Mike Johnson. Faded out and gone by 0638. [CAD-TX]
- 1580 **KWED** TX, Sequin. 4-8. 2203-2250 with man and woman doing PBP of a Little League baseball game. ID "You're listening to Little League baseball on KWED." Many local spots. Not a bad signal for almost 200 miles and 253 watts. [CAD-TX]

DX TESTS

- 1200 **KFNW** ND, Fargo. 4-6 DX Test. 0500-0530 heard voice announcement at the start of the test followed by code ID. Several TT pitches. Code ID's heard at 0510 and 0520. Nothing heard from KFNW after 0520. Report sent, and verie received for state #41! WOAI at 200 miles west of here was almost "invisible" on the long wire!!! [CAD-TX] +4-6 DX Test heard. [QRD-IN]
- 1360 **KNIR** LA, New Iberia. 4-1 DX Test competing with WMOB. 0100-0130. Heard code ID at 0115 plus full sign off announcement at the end of the test at 0129. [CAD-TX]

25 YEARS AGO

May 15, 1971 issue of IRCA's "DX Monitor" - Nancy Gantzer of Fredonia, NY reported hearing WREM-1000, WCRO-1230, WBPZ-1230, and WTAP-1230 - Bruce Portzer of Seattle, WA received veries from JOAB and JOUB - Pat Martin of Warrenton, OR mentioned he was working at KVAS Astoria - We were told IRCA had increased by 106 members over the past year. A total of 472 members!

OPEN MIKE

Welcome to Quentin R. Davis. Quentin, please provide more details in your tips, such as state, city, time heard, what was heard, etc. Just follow the format you see above. Thanks! Welcome also to Richard Boehme who travels on business and was in Houston recently. Thanks for your report, Richard, but please follow the format for CDXR. Keep the tips to actual DX rather than a bandscan. Charles Dobbins asked if there was a way to include WWV time signal when recording DX on a mono recorder. That would probably be impossible. You may want to buy a stereo tape system that can split channels, record DX on left, WWV on right channel. Perhaps some new digital technology is available that time code could be recorded along with the audio, but that would involve expensive equipment. Eric Bueneman wondered if KCTE-1510 Independence, MO would move to the expanded band. Sorry, Eric, the only MO station on the new list is KBTN-1420 Neosho moving to 1670. Some members asked about a former member, Bill Hardy. Bill and his new wife Caroline's new address is 1414 Gladys Way, Aberdeen, WA 98520. 73, John.

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

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



Eastern DX Roundup

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

NEW DEADLINES FOR MONTHLY ISSUES WILL BE 8 DAYS PRIOR TO PUBLICATION DATE...FAX AT 352-732-7223 OR PRE-PAID AT 352-732-6408 PRIOR TO 9 PM.

STARS OF THE WEEK

- (EB-MO) Eric Bueneman NOUTH 631 Coachway Lane, Hazlewood, Mo 63042-1347
EBSJDJX@aol.com **VIA-E-MAIL**
- (5P-HI) Dale Park POB 22778, Honolulu, HI 96823 **VIA-E-MAIL**
- (MH-NC) Mike Hardester 3118 Gateway Ct., Jacksonville, NC 28546-6973
Panasonic Stereo w/internal ferrite loop and
GMC Truck w/fender antenna **VIA-E-MAIL**
- (HL-LA) Henry Lazarus 1313 Dauphine St. New Orleans, LA 70116
Sony ICF-2010, KIWA Loop **VIA U.S.P.S.**
- (HN-GA) Herb Newberry 3344 GA Hwy 11, Mansfield, GA 30255
Kenwood R-5000, KIWA Loop **VIA U.S.P.S.**

LOGGINGS

- 1140 KPWB MO Piedmont 4/19 0659-0700. sign on annmt. very strong for about 25 seconds then faded out. Slogan is either "Pure Gospel Radio" or "Good Gospel Radio". First part of sign on is as follows: "Good morning and welcome to KPWB, Pure Gospel Radio. We now begin another broadcast day. KPWB, Pure Gospel Radio, is owned and operated as a member of the Hunt Broadcasting Group by Hunt Broadcasting Incorporated of Piedmont with studios located on Hiway.....in South Piedmont. KPWB, Pure Gospel Radio, broadcasts on a frequency...." (HL-LA)
- KS00 SD Sioux Falls, 4/19 0559-0646, tough copy with much QRM, legal ID: "AM 1140 KSOO Sioux Falls" followed by ABC news and a couple of other IDs, one after a report from the Sioux Falls Stockyards, and the other in between two "oldie" songs. IDs hard to copy and the station is listed as a News/Talk format, so I called the program Director (Les Tuttle) to find out if they ever play music. He confirmed to me that I had heard KSOO and they do play music between 0600-0630 and prior to 0600. He said to send the reception report to him and he would forward it to Vince Fuhs, CE, who verifies reports. (Henry-a GREAT catch !!!-ed) (HL-LA)

SPECIAL INTEREST

- 610 WNTW VA, Winchester. ADDS "Tom Leykis" per spokesman at WW1 Entertainment Network. EX-WUSQ. (5P-HI)
- 810 WAPB TN, Murfreesboro (see DXM 33-28) Herb Newberry's logging at with only 6 watts was correct according to the QSL letter Herb received. Thanks Herb for passing that along ! and congrats on a GREAT logging.

UN-IDEN:

- 1580 WCTJ (presumed-no legal ID hrd) NC Jacksonville. Noted testing 4/29 from 1600-2040 tune out w/gospel mx, UPI NX on the hour and UPI NX update on the 1/2 hour. Several promos as "The New Light 15-80, Jacksonville" in conjunction with "Light 14-90, New Bern." (so presume simulcast of WLOJ in New Bern." No ID heard through 4:40 hrs of listening...easy listening enough so that I could study. (finals begin Thursday!) Again called Directory Assistance, but no listing

118

for either WCTJ or (x-WWOF or Word of Faith Ministry) Stn on/off and signal strength poor to excellent. (power changes I'm sure) QRM from WPGC in MD. (MH-NC)

HELP WITH UN-IDENT:

1270 WHTS IL Rock Island is Park Barton uniden in issue 33-29. Ex-WKBF. The FM side is on 98.9, and changed from WPXR to WHTS FM last year. (EB-MO)

DX TESTS

730 KBSV ID Boise 3/4 0200-0300 DX Test NOT heard (HN-GA)
 770 WWCN FL Estero 3/10 0300-0400 DX test NOT heard. Too much WVNN-Athens, AL and WABC. Occasionally heard inst. mx, but it was from a SS stn. (HN-GA)
 960 KMA IA Shenandoah 0230-0300 DX Test NOT Heard-too much QRM from adjacent splash. (HN-GA)
 960 WTCH WI Shewano 3/10 0300-0400 DX Test NOT Heard (HN-GA)

Well, Thats a "wrap" for the first of the "Monthly" issues. Thanks to all who have contributed. Hard to believe that I have done this column for almost a year ! Boy does time fly. I have been so busy that the radio hasn't been on for a month ! See elsewhere in this issue for "CONVENTION" Information...WE NEED AUCTION ITEMS !!!! Everyone can HELP! Just call a bunch of your local stations and a S K !!!!! See you all in JUNE! fresh

NRC Nighttime Antenna Pattern Book, 4th Edition
 Get it now; it's the second half of the NRC's "Dynamic Duo"! Teamed with the NRC AM Log, the NPB provides DX'ers with up-to-date maps of all (except Class IV) stations with nighttime operations. Convenient to use: 3-hole punched for standard binders. Only \$16.95 to U. S. and Canadian members of IRCA; \$22.95 to U. S. and Canadian non-IRCA members. Airmail to IRCA members: 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)



Sunrise/Sunset Maps
 12 maps showing 15 minute sunset and sunrise times for the US and 12 maps showing hourly sunset and sunrise times for the World. Explanation includes use of the maps and examples of DX made possible by a knowledge of SR/SS times. Prices: IRCA/NRC members - \$2.25 (US/Canada/Mexico/seamail), \$2.75 (rest of the Americas airmail), \$3.00 (Europe/Asia airmail), \$3.50 (Australia/New Zealand airmail). Non-members: add \$1.00 to the above prices.
 Order from the IRCA Bookstore, by sending the correct amount (in US funds) to:
IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!



QSL

VERIFICATION SIGNERS

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My deadline is the last Friday of the month, unless indicated otherwise.

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 GVJ Gary V Jackson, 7735 Center Parkway, Sacramento CA 95823
 HL Henry Lazarus, 1313 Dauphine St, New Orleans LA 70116
 RCP Robert C Pote, 766 Ashford Lane, Greenwood, IN 46143-9048
 JDS J D Stephens, 1155 Old Monrovia #3-E, Huntsville AL 35806-3510; JSteph6711@aol.com
 RS Randy Stewart, 4225 W La Casa, Springfield MO 65802-5615
 DS Dan Sys, 27423 32nd Ave, Aldergrove BC V4W 3J3

FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
580	WBIL	Michael Collins, News & Sales Mgr	P O Box 666 Tuskegee AL 36083	L++	3fff	JDS
610	WTVN		1301 Dublin Road Columbus OH 43215-7009	L+	13	RCP
	KVNU	F S Weller	P O Box 267 Logan UT 84321	LQ	20	JDS
660	HRN	Doris Castellon, Jefe de Ventas	Emisoras Unidas Apartado Postal No. 642 Tegucigalpa, D. C., Honduras	LP	165f	HL
690	WJOX	William Jenkins, Jr, PD	Penthouse Twin Towers East 236 Goodwin Crest Drive Birmingham AL 35209	Qbc	60f	RCP
720	WGN	James Carollo, DirEng	435 N Michigan Ave Chicago IL 60611	LQ++	12	RCP
	WWII	Dean Lebo, GM	8 West Main St Shiremanstown PA 17011	L	9	RCP
730	WJYM	J Todd Hostetler, GM	8761 Fremont Pike Perrysburg OH 43551-4255	L	35	RCP
740	WLWI	Rick Brown, GM	P O Box 4999 Montgomery AL 36103-4999	L	9ffff	JDS
	KBRT	Gary Bloodworth (KJ6YA), Transmitter Engineer	P O Box 368 Avalon CA 90704-0368	L	8	JDS
			3183D Airway Ave Costa Mesa CA 92626	L	9	RCP
750	KFQD	Dan Wilkinson	9200 Lake Otis Parkway Anchorage AK 99507	Q	11	JDS
	CKGB	Chris Ruscica, GM	Box 1046 Timmins ON P4N 7H8	LB	29	JDS
770	KPBC*	W C "Cris" Alexander, DirEng from Corporate Engineering	P O Box 561307 Dallas TX 75356-1307	Lbc	14	CAD
780	WBBM	Mark Williams, CE	630 North McClurg Court Chicago IL 60611	LB++	20	RCP
	WABS	Steven R Cross, VP/GM	5545 Lee Highway Arlington VA 22207	L+	67f	RCP
800	KQVC	Paul Sublett, OpsMgr	2809 N MacArthur Oklahoma City OK 73127	L+	23	RCP
830	WETR	Grady Bingham, CE	3738 High Point Rd Greensboro NC 27407	LM	-42	JDS
840	KWPN^		P O Box 84 West Point NE 68788	QB+	24	RCP

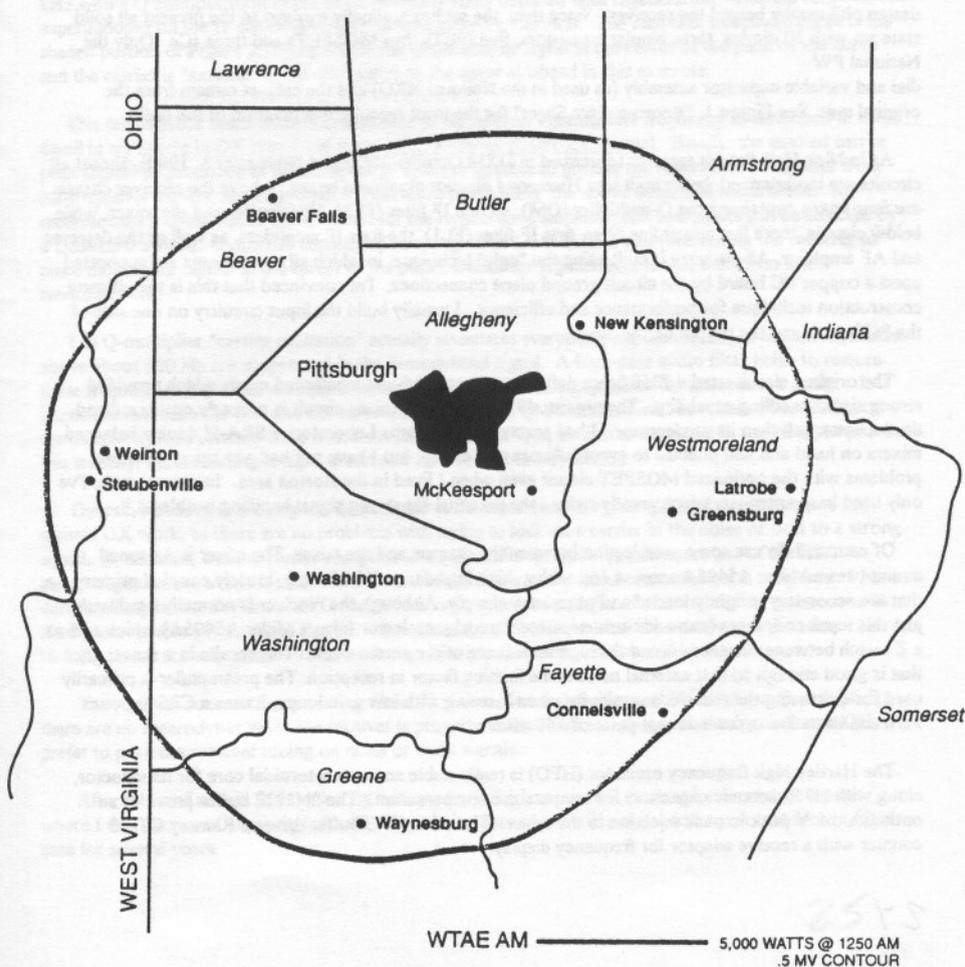
FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
850	CKVL	Gilbert Cerat, Corporate Controller	211 Av Gordon Verdun PQ H4G 2R2	L	8fff	JDS
870	WHCU	Tom Joseph, OpsMgr	1751 Hanshaw Road Ithaca NY 14850	L++	11	RCP
	KPRM	<i>Initialed</i>	P O Box 49 Park Rapids MN 56470	R^^	16	RCP
890	KVOZ	Al Rubio, Jr	P O Box 1638 Laredo TX 78044-1638	LB	8ffff+	JDS
	XEBY**	Lic Calixto Almazan Ferrer, Director General	Av Juarez No. 13-4 Piso 92800 Tuxpam, Veracruz, Mex	L++	23f	JDS
900	WMOP	Richard Andrews, Owner	P O Box 3930 Ocala FL 34478-3930	LM	6	JDS
910	WSBA	Steve Johnston, EngMgr	P O Box 910 York PA 17402-0619	LQB+	8	JDS
920	WBAA	David Bunte, PgmCoord	1740 E C Elliot Hall West Lafayette IN 47907-1740	LB+	10	RCP
950	WWJ	Martin T Gill II, News & Programming Director	16550 West Nine Mile Rd Southfield MI 48086	L+++	9ffff+	JDS
970	XEJ	Aida Mangas de Otanez, Gerente Administrativo	Organizacion Radiocentro Juarez Av Insurgentes No. 2127 y Costa Rica Cd. Juarez, Chih. C. P. 32330 Mexico	LP+	500f	HL
990	WNRV	Bob Travis, P & CEO	485 Tower Rd Christiansburg VA 24073	L	36ffff	JDS
1010	WCSI	John Foster, DirPgmging	3212 Washington St P O Box 709 Columbus IN 47202	L	18	RCP
1020	KCKN	Don Niccum, CE	P O Box 670 Roswell NM 88202-0670	L	20	CAD
	HJKS***	Alcides Antonio Juaregui Batista, Director	La Voz del Llano Calle 38 No. 30A-106 Villacencia, Meta, Colombia	L	238	JDS
1030	TIS++	WEEI434	Highway 680 at 24 Interchange Walnut Creek CA	P	730ffff+	GVJ
	TIS++	WTEI434	Interstate 80 at Carquinez Bridge Vallejo CA	P	730ffff+	GVJ
1090	KBOZ	James A Bender, CE	5445 Johnson Road Bozeman MT 59715	LB	22	JDS
1110	WMBI	Bob Caithamer, DirEng	820 N La Salle Dr Chicago IL 60610			CPC
1120	WUST	Nick Martinelli, OpsMgr	2131 Crimmins Lane Falls Church VA 22043	LM+	10	RCP
1130	KWKH	Randy Fulco, ChiefOp	P O Box 31130 Shreveport LA 71130-1130	LMB++	3ffff	JDS
	CKWX	<i>Illegible</i>	2440 Ash St Vancouver BC V5Z 4J6	Q	57	RS
1140	CFXL	Jim Jackson, PD	804 16th Avenue SW Calgary AB T2R 0S9	L	9ff	JDS
1150	WGEA	Kitty Parker****	P O Box 339 Geneva AL 36340	L	13ffff	JDS
1160	WJJD	Harvey Pearlman, VP/GM	180 N Michigan Ave Suite 1200 Chicago IL 60601	LM+	12	RCP
1190	KDFX	Todd Chatman, OpsMgr	3500 Maple Ave, LB 46, Suite 1470 Dallas TX 75219	L	7ff	JDS
1200	KFNW	Gary L Ellingson, CE	P O Box 6008 Fargo ND 58108	LB+ LB+	9 7n	RCP HL
1210	WBIU	Danny Church, PD	P O Box 68 Denham Springs LA	L	31	CAD
	KBSG	Clay Freinwald, DirEng	1730 Minor Ave, 20th Floor Seattle WA 98101			CPC
1230	KSIX	Vivian L Mitchell, StnMgr	301 Artesian St Corpus Christi TX 78401	L	16	CAD

FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
1250	WDAE	Pat McMahon, PD	504 Reo St Tampa FL 33609	L	8	HL
1270	WLIK	Dwight Wilkerson, GM	640 West Hwy 25/70 Newport TN 37821	LM FM	8 6	JDS HL
1290	WOPP	Tara M Rhoades, MxDir	1101 Cameron Rd, P O Box 560 Opp AL 36467-0560	L LB L	14 7 13	JDS JDS HL
	WTMY	T Michael Craft, GM	2101 Hammock Place Sarasota FL 34235	LM+++	9	JDS
1330	CJYM	Tim Fenn	P O Box 490 Rosetown SK S0L 1V0	L	143	DS
1340	WLOK	H A Gilliam, Jr, P/GM	P O Box 69 Memphis TN 38101	L	9	JDS
	KAMG	Bob Woodman (?), GM	P O Box 3487 Victoria TX 77903	PB+		CAD
1360	KNIR	Scott Seagraves, Ann [NRC]	P O Box 12948 New Iberia LA 70562-2948	L	10	JDS
1390	WZZB	Blair Trask, GM	P O Box 806 Seymour IN 47274	LB	9	JDS
1430	WVAM	Matthew Lightner, CE	2727 West Albert Dr Altoona PA 16602	LM++	11ff	JDS
1560	KIQS		P O Box 7 Willows CA 95988	R		GVJ
1590	KVGB	Dave Alexander, PD	1200 Baker St, P O Box 609 Great Bend KS 67530	F+	7	CAD
1640	KXBT	Alan McCarthy [AA6GM], Engineering Dept*****	3267 Sonoma Blvd Vallejo CA 94590	Q Q Q Q	16 6 14 23 9	EB GVJ RS RCP HL
1660	WJDM+	Dan M Turner, OpsMgr	600 East Main St Vacaville CA 95688 9 Caldwell Place Elizabeth NJ 07201	L+	47	HL

WHAT was received:	L = Letter with personalized statement; F = Form letter; Q = QSL card, commercially printed; C = Postcard or similar card supplied by station; P = Prepared card supplied by DXer; R = DXer's report returned with statement; cf = Certificate; E = Verification by e-mail; fx = Verification by FAX; M = Coverage map; B = Bumper or other sticker; bc = Business card; + = Extra goodies
WHEN the reply came:	Number of days elapsed; f = Follow-up; n = Return postage <u>not</u> used; r = Return postage returned
NOTES:	* [for this column] = See comment below; ** [for this column] = See comment below; *** [for this column] = See comment below; **** [for this column] = See comment below; ***** [for this column] = See comment below; ^ [for this column] = Call letters now KTIC; ^^ [for this column] = Verie included a station engineer's personal amateur radio QSL card; + [for this column] = See comment below; ++ [for this column] = See comment below

Another fabulous turnout, reporters! Your support of this column is very gratifying. Good to have Robert with us this month! Charles notes that KPBC-770 is owned by Crawford Broadcasting Co., P O Box 3003, Blue Bell PA 19422-0735. J. D. mentions that XEBY-890 sent their verie after a followup report was mailed by a friend visiting Mexico, and that they included a T-shirt; he also indicates that the same verie signer and address is valid for XETL-1390. J. D. notes that his verie for HJKS-1020 was actually for a shortwave broadcast, but that this signer and address are valid for this station. J. D. also reports that it took a followup report sent by certified mail, after five followups (including 2 sent by FAX), to finally coax a verie out of WGEA-1150 for their DX test in October, 1994, and suggests that other reporters should start receiving their veries. Eric, Henry, and Robert all note that Steve [aka Skip] May [WV6F] and Ralph Jones [KA6FDI] are also in the Engineering Department of KXBT-1640. Henry reports that the main signer for KXBT-1640, Alan McCarthy, does not have an office at KXBT in Vallejo, but at KUCI (FM) in Vacaville, instead, so reports addressed to the Vacaville address will reach him faster than those sent to KXBT. Henry's WJDM-1660 verie was signed by Dan Turner, Operations Manager; all previously reported veries were signed by Don Neumuller, Chief Engineer. The Post Office plastered two

opaque adhesive labels on Gary's postcard report of his veries from the two TIS stations on 1030 kHz, one with black bar coding on the front and one with orange bar coding on the back, rendering some of the information (including verie signer) unreadable. From what I can decipher, Gary heard these two stations some two years ago and only now received his prepared cards back after "about 20 followups and 25-30 phone calls." WEEI434 and WTEI434 are no longer in existence. Gary, send me another postcard if you think I've missed any important information. J. D. continues to have success with his FAXed followup reports. On the other hand, Robert hasn't found that sending tapes along with his written reports has helped his return rate much. Thanks, J. D. for sending me your long report in sections; it makes a big difference. As I mentioned in my last column, this column was prepared two weeks late, on 5/11/96, due to my vacation back to Vermont, and probably won't appear until the June DX Monitor. As usual, there were problems on the Post Office's end in holding my mail, so if you don't see your tips listed here and you sent your report to me between April 15th and May 6th, send me your report again. And, to top it off, our computer network in the Dept. of Geology at Northwestern (where I get my e-mail) suffered a catastrophic collapse while I was away and is still not completely repaired, so if you think I missed an e-mail submission, send it again also. 73, SSH.



WTAE AM ————— 5,000 WATTS @ 1250 AM
 .5 MV CONTOUR



A Custom MW DX Receiver

by Ray Moore

It seems that my life has been a continuous search for the "ultimate receiver". My focus has been very narrow; I'm interested only in foreign MW reception from a fixed location, and I've been designing and building receiver circuits to fulfill this aim for a number of years.

My present receiver started in 1968 as a copy of the R-390A circuitry pertinent to MW reception and used 17 tubes and 2 FETs. Ham Radio magazine ran an article on this receiver in June 1974, and The NRC Receiver Manual contains an article, "Receiver Hot-Rodding Hints", which covers some of the design philosophy behind the receiver. Since then, the set has gradually evolved to the present all solid state set with 10 diodes, three bipolar transistors, five JFETs, five MOSFETs and three ICs. Only the National PW dial and variable capacitor assembly (as used in the National HRO) and the cabinet remain from the original unit. See Figure 1, "Receiver Fact Sheet" for the most recent block diagram of the radio.

As in Nick Hall-Patch's receiver (described in DXM October 20/27 and November 3, 1990), almost all circuits are modularized, being built into Hammond die-cast aluminum boxes. Above the receiver chassis are four boxes containing the Q-multiplier (QM), second IF filter (FL2), HFO/buffer and the mixer, while below chassis, there is a power line filter, first IF filter (FL1), the four IF amplifiers, as well as the detector and AF amplifier. All circuitry is built using the "ugly" technique, in which all components are supported upon a copper PC board by the circuit ground plane connections. I'm convinced that this is the ultimate construction technique for performance and efficiency. I usually build the input circuitry on one side of the PC board, and the output on the other.

The original circuit used a 7360 beam deflection vacuum tube as a balanced mixer which provided strong signal handling capability. The present 40763 MOSFET mixer circuit is properly optimized and does a better job than its predecessor. I had several Mini-Circuits Laboratories SRA-H double balanced mixers on hand and had planned to eventually use that circuit, but I have not had any signal handling problems with the optimized MOSFET circuit even when I lived in the Boston area. In recent years, I've only used loop antennas, which greatly reduce the potential for strong signal handling problems.

Of course, I do use some preselection between the antenna and the mixer. The mixer input tuned circuit uses a Miller A5495A antenna coil with a high impedance (10 kilohm), loosely coupled primary, so that the secondary is lightly loaded and tunes very sharply. Although the receiver is normally used with just this input coil, there is an additional separately tuned preselector (also a Miller A5495A) which acts as a Z match between the antenna and the high impedance of the antenna coil. This results in a sensitivity that is good enough so that external noise is the limiting factor in reception. The preamplifier is primarily used for increasing the receiver's sensitivity when listening with low gain loops; it uses a CP640 power FET and has a 3rd order intercept point of +40 dBm.

The Hartley high frequency oscillator (HFO) is really stable and uses a toroidal core for its inductor, along with N750 ceramic capacitors for temperature compensation. The 2N2222 buffer provides an optimum 6.5 V peak to peak injection to the mixer. The other HFO buffer drives a Ramsey CT-50 counter with a receive adaptor for frequency display.

The mixer feeds a Kokusai 2.4 kHz wide 455 kHz filter. Although there are four stages of IF amplification, I prefer manual gain for DX listening, so there is no AGC. There are two IF gain controls which are used to optimize circuit gain before and after an IF noise limiter placed halfway through the IF strip. This noise limiter is made up of a pair of Hewlett-Packard hot-carrier diodes (I have used the germanium 1N270/1N277 diodes with similar results) shunted directly across a shunt fed IF transformer. The clipping level is established by the relative settings of IF Gain 1 and IF Gain 2. Once the proper level is found, both IF Gain 2 and AF gain are left fixed, and IF Gain 1 is used as the primary gain control. Unlike audio noise limiters, the system introduces no distortion when the clipping level is properly set. It is especially effective in limiting speech splatter from adjacent transmitters, often reducing it to nearly nothing without affecting the desired signal. The limiter is usually switched off only to allow comparisons.

An aside here: some users of regenerative loop antennas, such as the Martens and KIWA, rave over their ability to isolate and peak weak DX signals, attributing it to the increased selectivity provided by the loop regeneration. However, these users are experiencing exalted carrier reception, first proposed by Villard in 1952 and used for serious DXing by Gordon Nelson in the 1960's.

Here is how it works (refer to Figure 2): Curve A is the selectivity of a typical loop antenna at 740 kHz with a Q multiplication factor of 20, which is easily obtained with regeneration. This curve is superimposed on the IF selectivity curve of your receiver, Curve B. The resultant selectivity curve is the shaded portion of Figure 2. Place the carrier of the desired signal in the center of the peak of the curve and the carrier is "exalted" by 20 dB relative to the upper sideband in this example.

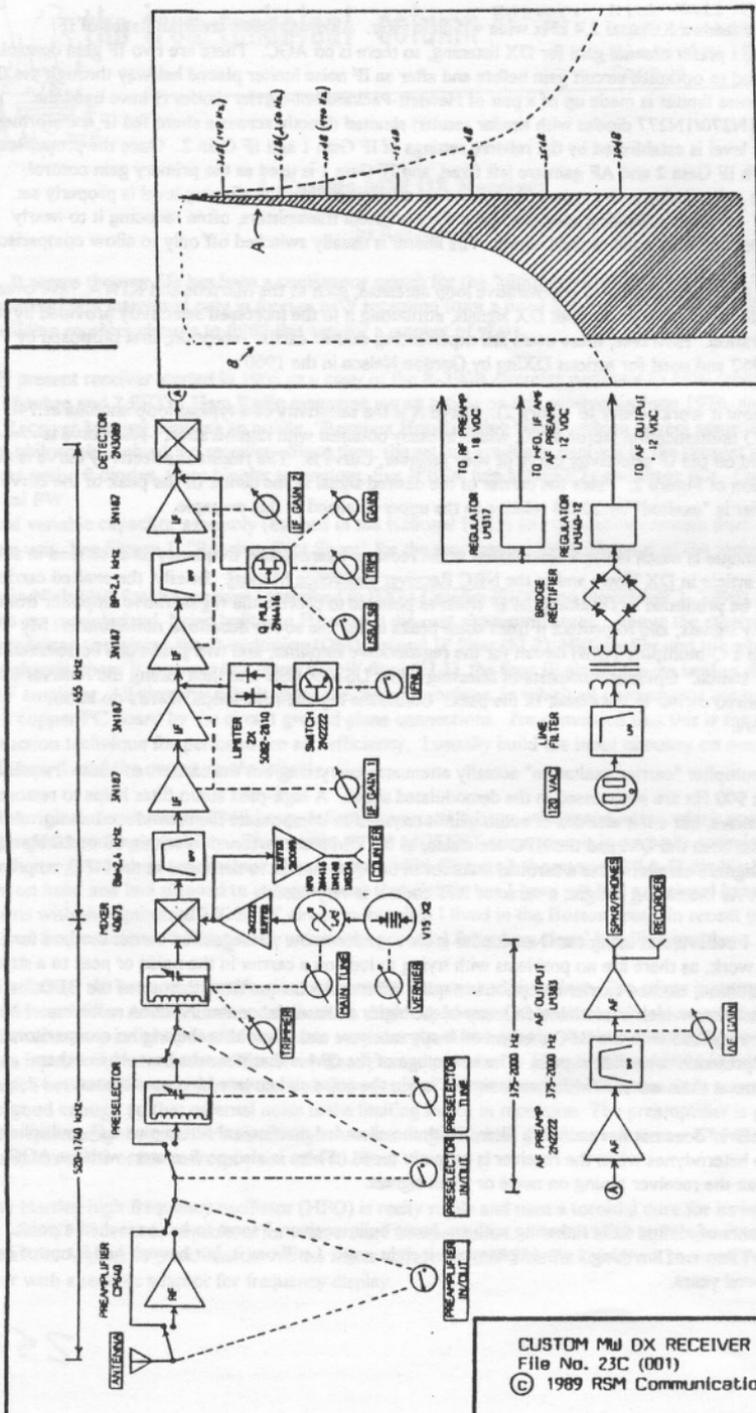
This technique is much better implemented at the receiver intermediate frequency as described in some detail in my article in DX News and in the NRC Receiver Reference Manual. Briefly, the exalted carrier peak should be produced as far along the IF chain as possible to protect the regenerative amplifier from off-frequency signals, and to protect it from noise peaks using the above described noise limiter. My receiver uses a Q-multiplier (QM) circuit for the regenerative amplifier, and two peaks can be selected by a USB/LSB switch. Operation consists of selecting either USB or LSB and then tuning the receiver to place the desired carrier in the center of the peak. Unlike the regenerative loops, there's no knob twiddling here.

The Q-multiplier "carrier exaltation" actually attenuates everything but the carrier, so audio frequencies above about 900 Hz are suppressed in the demodulated signal. A high-pass audio filter helps to restore these frequencies, but a fair amount of audio gain is required to compensate for the reduced audio. It is important that both the QM and the HFO are stable, as the QM must be tuned to within 10 or 20 Hz of the desired signal's carrier. I use a toroidal inductor in the QM, similar to that used in the HFO, to provide this stability. As the tuning is tight, a varactor RIT control is very useful.

Overall, I believe that using the Q-multiplier is far superior to the phase locked carrier method for serious DX work, as there are no problems with trying to lock on a carrier in the noise or next to a strong signal. In addition, exalted carrier reception is a quite different technique from the use of the BFO for carrier replacement which is available on many of the better commercial communication receivers. I have compared my method with the BFO method on many receivers and found that there is no comparison in clarity and "presence" on weak signals. The advantage of the QM is that it works best when other techniques are at their worst—when weak signals are in the noise and covered by interference.

The receiver does not have a notch filter. With the cascaded mechanical filters plus a Q-multiplier, there are no heterodynes when the receiver is properly tuned. There is also no S-meter; without AGC, I prefer to peak the receiver tuning on noise or weak signals.

After years of almost daily tinkering with my home built receiver, I seem to have reached a point where I don't know of anything I would change in it right now. I still use it, but haven't had it out of its case for several years.



CUSTOM MW DX RECEIVER
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Figure 1

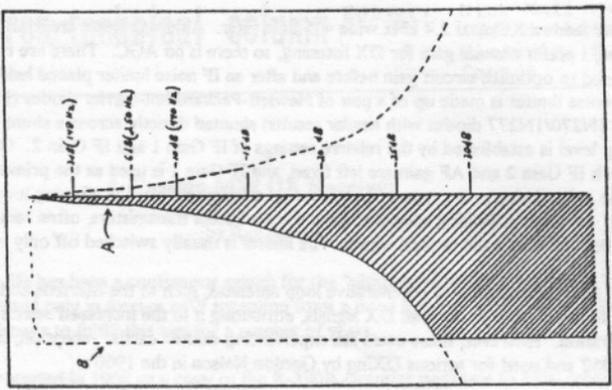


Figure 2. Selectivity curves of a regenerative amplifier (A) and a typical IF bandpass filter (B) superimposed on each other. The resultant selectivity curve is the shaded area.

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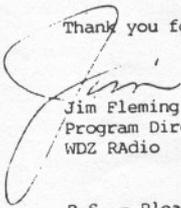
December 20, 1994

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