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CLUB POSITIONS NOW AVAILABLE: CPC Chairman, "DX Techniques" editor,
"Sports" editor, IRCA Almanac coordinator as well as "DX Monitor"
Publisher/Editor-in-Chief. Contact IRCA President Phil Bytheway, 9705
Mary NW, Seattle WA 98117-2334.

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 DX-
ing and broadcasting, lists of stations by subject, construction pro-
jects and receiver modification, receiver reviews, medium wave propaga-
tion, 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, East Palo Alto CA 94303.....

1998 IRCA E-MAIL DIRECTORY: Charles Taylor <WD9INP@skantech.net> is
gathering e-mail addresses from on-line IRCA members for the 1998 IRCA
E-MAIL DIRECTORY. If you wish your e-mail address, and also your
Webpage URL, included; then e-mail Chas at the above address.

WTFDA CONVENTION: The WTFDA convention will be held in Rock City NY
on July 31, August 1 & 2, 1998. For more information write Dave Nieman
12284 Nice Road, Akron NY 14001-9408 or e-mail dxftv@buffnet.net

NRC ANNUAL CONVENTION: September 4-7, 1998.

HERE'S THE DETAILS: Hotel: Best Western - Oak Hills; 7401 Wurzbach
Road, San Antonio, TX 78229. 1-800-468-3507 call them until 5 p.m.
CentralTime. \$52 Singles; \$47 each for Double Rooms (two beds) and a
continental breakfast is included.

Convention Registration: \$40 and includes Saturday banquet and all the
soda / beer and snacks you can wolf down during the weekend.

Registration should include your name and the name of any guest. Send
that along with \$40 each to:

Mr. Dale Hamm, 11313 January Drive, Austin, TX 78753-2915. Auction
items should be sent to this same address.

 WELCOME TO IRCA's "soft" DX MONITOR
 Vol 35 - No 29
 July 9 1998
 DXM dated July 18 1998

 HOT STUFF

Lee J Freshwater 414 SE 3rd St, Ocala, FL 34474
 FAX 352-732-7223 E-mail Lfreshwater@aol.com

The F.C.C. has started putting CALL LETTER changes in their computer data base...We will include them here as time and space permits.

PREPARED ON 7/8/98

Call Signs reserved for Pending Sales Applicants **

NO NEW ENTRIES THIS MONTH

** Commission grant and consummation does not automatically grant call sign application. The new licensee must provide written notice to the call sign desk upon consummation of the transaction and await authority from the Commission to use the new call sign.

CALL LETTER CHANGES

NEW CALL	CITY AND STATE	FREQUENCY *	FORMER CALL
WAAT	Olyphant, PA	750	WMXH
WBDO	Palm City, FL	760	new
KYAK	Yakima, WA	930	KGER
WEZO	Rochester, NY	950	WBFP
KKLF	Denison-Sherman, TX	950	KDSX
KDYA	Vallejo, CA	1190	KXBT
WVCV	Orange, VA	1340	WJMA
WHCG	Metter, GA	1360	WMAC
KRCH	Beaumont, TX	1380	KWBK
KVNR	Santa Ana, CA	1480	KWIZ
WTDA	Madison, WI	1480	WTDY
KUPN	Mission, KS	1480	KCAZ
WDID	Shelbyville, IN	1560	WSHY
KKFS	Ventura, CA	1590	KXSP
KKTR	Costa Mesa, CA	1650	KXGL
WTDY	Madison, WI	1670	WAWY
WHITE	Johnson City, IL	1690	new
KTBK	Sherman, TX	1700	new

* The F.C.C. does NOT list the frequency in their database. I have tried to supplement this with information from my own database,, so look it over "carefully" before you change anything in yours.

We have put this information in order of frequency rather than location. Send any suggestions, changes AND corrections to the above E-Mail address.

IRCA Stationery

Red and black masthead with the IRCA logo and name. Great for using when writing for verifications. 100 sheets, \$5.00. Order from the IRCA Bookstore, by sending \$5.00 (in US funds) to:
 IRCA Bookstore, 9705 Mary N.W., Seattle, WA 98117-2334. Thank you!

Western DX Roundup

Editor: Nancy Johnson

Address: 265 Waterton Way, Billings, MT 59102-7755 Internet: Nancy_Johnson@prodigy.com

WDXR Deadlines: July 31, August 21 and September 4.
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 SRP-42 AM stereo
Walkman, 45' N-S longwire, 180' L-longwire, 4' box loop
- ((LG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59804
lbg@selway.umd.edu
Hammarlund HQ-150, Sanserino air-core box loop & KIWA loop
- (GJ) Gary Jackson-7735 Center Parkway-Sacramento, CA 95823
FRG-880 & KIWA loop
- (PM) Patrick Martin-PO Box 843-Seaside, OR 97138-0843
mwdxer@webtv.net
Drake R8, 900' Beverage, 1500' E Beverage, terminated 200' SW
wire
- (DS) Dan Sys-27423-32nd Avenue-Langley, BC V4W 3J3
GE Superadio II
- (PT) Pete Taylor-6002 Bayview Dr. NE-Tacoma, WA 98422-1227
pvtaytac@brigadoon.com
Sony ICF-2010 with Palomar loop
- (RT) Rich Toebe-2324 Jerilynn Drive Concord, CA 94519
richtoebe@jpps.net
Sony ICF-2010, Radio West loop
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118 rjw@webtv.net
GE Superadio II, GE long-range portable, Select-Antenna,
Hammarlund HQ-180A
- (RW-CO) DX'ing from Colorado Springs, CO with GE Superadio, no
external antenna

OF SPECIAL INTEREST

- 660 KZTU OR, Junction City 6/8 good with Christian rock, ID at 1501
as "Christian Hit Radio, KPAM Troutdale-Portland-Vancouver
and KZTU Junction City-Eugene-Springfield," back into
Christian rock. Dropped power at 0000 6/9, was gone off
the dial. Day power is 10kw ND and night power 75 watts
ND. Reports should be sent to KPAM address. (PM-OR)
- ?KZTU? +6/15 0830 possibly the one with USA Radio network news
into religious programming, 2nd station behind it (KGDP?)
was turning tone off & on at regular intervals, or do I
have these backwards and USA news was KGDP and 2nd station
was KZTU??? Looped N-S, KTNN faded out. (RW-CA)
- 930 KYAK WA, Yakima ex-KGER 6/23 still with religious programming //
KTBI-810, ID at 1900. (PM-OR)
- 1010 KNWZ CA, Palm Springs 6/22 0530 good in CBR null over KSIR &
KKEG with Art Bell, ID "You're listening to Art Bell, on
AM 1010, K-News" at 0534 after several local spots. Call
change, ex-KPSL for me. (RW-CA)
- 1290 KIKN WA, Port Angeles 6/16 2300 legal ID heard with new calls
that seem more fitting for their "Kickin' Country"
identity. I wonder where the KKNW calls will end up this
time? (DS-BC)
- 1360 KZTS WA, Tacoma returned to the air June 25 under Salem
Broadcasting ownership. It relays KGNW-820 from 4am-7am
PLT and KLFE-1590 from 7am-4pm PLT. They have applied for
KKMO calls & are putting in a new transmitter during the

next two months. "KZTS" ID's are sort of snuck before the hour. (PT-WA)

1370 KJJL WY, Cheyenne 5/30 0120 very poor over mess with ID "K-Jewel, AM 1370, Cheyenne's nostalgia station, we're K-Jewel." Ex- KSHY. (RW-CO)

1470 KEZZ CO, Estes Park 6/2 0051 good over mess with ID "Memories for Estes Park, Easy 1470, K-Easy." ID on hour "KEZZ, Estes Park." This is ex-KRKI. (RW-CO)

1650 KKTR CA, Costa Mesa 6/2 0800 good signal with continuous traffic reports for the L.A. area and ad for KGIL-1260. ID "AM 1650 K-Traffic.. All Traffic Radio." Ex-KGXL. (DS)
 +6/7 0200 now with all traffic format, call ID on the hour, otherwise uses "K-Traffic" slogans. Good signal in KDIA-1640 slop. (RT-CA)
 +6/8 0630 xlnst with ID "You give us 5 minutes, we'll show you the way, AM 1650, K-Traffic, ID on hour at 0700 as "AM 1650, KKTR, Costa Mesa-Los Angeles." Three minutes of traffic reports, 1 minute of ID's. Call change, ex-KGXL. (RW-CA)
 +Weak but solid around 0753 6/9 ID'ing as "K-Traffic." Gave phone number 800-CAR-3693. Thanks to tips from Bob W. and Pat M. (LG-MT)

1660 WBAH NJ, Elizabeth moderately strong in Spanish at 2353 6/16. Caught "Radio Unica" ID between local lightning strikes. New, ex-WJDM. (LG-MT)

610 KOJM MT, s/on at 0757 Sunday 6/7. Played SSB after announcement. Weekday s/on may be earlier. (LG-MT)

680 KTRB CA, Modesto 6/8 0647 with open carrier. (RW-CA)
 KKGR MT, East Helena dominant at 2257 6/25 with ID as "KGR" and oldies songs. New format, ex-C&W. Still going strong at 2302 tune-out. (LG-MT)
 KOMW WA, Omak 6/17 strong at s/off 2357. (LG-MT)

690 *XETRA* BCN, Tijuana 6/22 0505 with open carrier & test tone. (RW-CA)

790 ?TIS? CA, Richmond 5/25 & 5/27. While driving thru Richmond on a couple of occasions last week, I encountered this strange radio station. Is it a TIS or a Public Radio station? It carries the soundtrack to PBS-TV programs like "California's Gold" and "Computer Chronicles." Plays music, PSA's, and even Richmond city council meetings. But it never ID'd when I listened. The audio is somewhat distorted. Is this even legal? Or is the FCC shying away from it considering it's just down the road from Radio Free Berkeley (FM), which stays on the air thanks to a favorable court ruling. (RT-CA)

810 WHB MO, Kansas City 6/2 0038 good, alone w/C&W, simple ID "WHB," then back into C&W. Splash from WBAP-820. ID later as "Dedicated to agriculture, we are AM 810, The Farm, WHB." (RW-CO)

840 KMAX WA, Colfax very strong at 0800 6/24 ID'ing for KZZL-FM, KCLX-1450 and "The all new AM 840, KMAX." Format was talk show. Surely was running full 10kw before LSR. (LG-MT)

910 KBIM NM, Roswell 5/30 0105 good over KPOF with ID "Newstalk 910, KBIM." (RW-CO)

940 (KFRE) CA, Fresno 6/8 0513 totally off again, this is a regular MM SP now. (RW-CA)
 CJGX SK, Yorkton 6/15 0644 strong on top of frequency with KFRE off. ID "Alabama, here on GX-94." (RW-CA)

990 KTKT AZ, Tucson 5/30 0112 blasting in xlnst with local spot, ID "990, KTKT, your information station," into CNN news. (RW-CO)

1010 (KIQI) CA, San Francisco 6/22 0510 only 2nd time heard totally off. (RW-CA)

1080 ?CKSA? AB, Lloydminster 6/15 0650-0700 tentative with C&W (caught on tape) fading up under KOTK (not KVNI, they are news/talk and oldies). Looped NE. Heard what sounded

- like BC news on hour read by female, then back into C&W at 0705. Faded out by 0715. Should have been on 50kw day power about this time. Other ideas? (RW-CA)
- 1110 KBND OR, Bend 6/15 atop KFAB at 2300 with ID as "The News Station, Newstalk 1110, KBND." Rare here. (LG-MT)
- 1140 KSOO SD, Sioux Falls 5/27 2355 good with ID "The KSOO 3 Day Weather Forecast," promo for Imus in the Morning, ID "11-four-oh, KSOO," faded out. (RW-CO)
- 1150 CKBL BC, Kelowna 6/15 0800 strong with C&W and ID as "Kelowna's new country, CKBL, The Bullet." New, ex-CKFR. (LG-MT)
- 1190 KDIA CA, Vallejo 6/5 2000 noted with new Black Gospel format, ID's on the hour as "The Light, 1190 Vallejo-San Francisco-Oakland." Local for me. (RT-CA)
- 1230 KMUZ OR, Gresham 6/11 0800 evidently the moderately strong Spanish-speaker with several ID's as "La Zeta." Thanks to Pete Taylor, Bob Wien, and Tim Hall for help ID'ing this one. QRM from KOBB. New. (LG-MT)
- 1240 KWIK ID, Pocatello 6/3 0800 strong with sole ID for KID-590 Idaho Falls. I phoned station to confirm it relays co-owned KID at times. (LG-MT)
- 1330 WGGU994? CA, Corte Madera 5/27 1230 noted while driving northbound through Richmond on I-80, "Town of Corte Madera's Emergency Broadcast and Traffic Information Station." Lots of local announcements by female. Good signal till Vallejo when KLBS took over. (RT-CA)
- 1340 KCQL NM, Aztec 5/28 0035 dominant with ad for New Mexico GM car dealers, ad thanking San Juan county for Memorial Day activities, ad for New Country Car Center of Durango, ID as "Big Dog 96.9 and 106.7 FM" (KDAG, Farmington and unknown??), ID "It's Tom Leykis on AM 1340, KCQL." (RW-CO)
- 1360 (KZTS) WA, Tacoma 6/15 2300 haven't heard this daytime regular for a few weeks now. Apparently off the air. (DS-BC)
- 1390 KENN NM, Farmington 6/2 0030 good with ID "Newstalk 1390, KENN, Farmington's news authority," good over KJME. (RW-CO)
- 1400 CJEK BC, Sparwood 6/11 2255 in the hash with multiple ID's for EK Radio network stations. Also apparently the strong BC station with Wick Radio News (via satellite) at 2300 6/7, per call to station. (LG-MT)
- 1420 (KUJ) WA, Walla Walla unexpectedly silent 6/20 from 0756-0901 tune-out. Two weak ones there, probably KNOG & KSTN. (LG-MT)
- 1440 KRZD CO, Wray 5/28 0027 good on top with ad for CSU (Colorado State) golf tournament, ID "Call us at KRZD for more information." Listed as 212 watts ND nights. (RW-CO)
- 1450 KGIW CO, Alamosa 5/28 0007 good with ID "The best of the 50's, 60's and the 70's, right here on KGIW,." In null of local KKCS-1460. (RW-CO)
- 1480 KDXX TX, Dallas 6/1 0200 dominant with ID in English "KDXX, Dallas," faded out under suspected KPHX. (RW-CO)
- 1490 KYFO UT, Ogden heard for first time with Spanish program 6/23 at 2300. Man said "Esta es la Red de Radiofusión Bíblica... KYFO en Ogden, Utah." QRM from KBKR. (LG)
- 1530 WSAI OH, Cincinnati carried radio-drama 6/9 2258-2301 (no break) and ID'd at 2315, in KFBK null. Never heard before with this format. (LG-MT)
- 1540 KXPA WA, Bellevue 6/3 2258 very strong and all alone. Ended program that seemed Mandarin, and gave legal ID in English. Announcer referred to "Multicultural Radio." Then began program in Spanish. (LG-MT)
+6/16 2300 seems to be running Spanish programming every time I've checked lately. New format? (DS-BC)
- 1590 (KLIV) CA, San Jose 6/8 0517 with open carrier, back on about 3 minutes later, seemed to just be a technical problem during CNN news show. (RW-CA)
- ?KIHM? NV, Sun Valley 6/14 2300 believed the strong religious station with pretty chimes and ID as "DWGN, Global Catholic Radio." In 5/97 I heard KIHM with Catholic

- programming. (LG-MT)
- 1640 (KDia) CA, Vallejo 6/17 off 0600-0700. KKJY-OR in at 0600 with ID followed by religious music, very weak and faded after a few minutes. (GJ-CA)
- 1690 KAYK CO, Arvada 6/5 in at 2000 with lots of soft rock & music from Disney movies, solid signal! (FA-ID)
+6/8 0525 loud, xlnr with Radio Disney // KMKY-1310, ID later on hour. Now 24 hours, RS. (RW-CA)

UNIDS

- 700 5/27 2343 unID Spanish good with "La Hora del Rey" (The Hour of the King), over WLW. Is this Mexican or the Texan? (RW-CO)
- 880 6/8 0650 strong with Radio Unica, looping N-S. Seemed to be KKMC-CA? (RW-CA)
- 1400 Spanish speaker at 0900 6/9; no ID. At this time probably in OR, WA, ID or MT. No Spanish-speakers listed in these states in NRC Log; any ideas? (LG-MT)

Hope everyone is having a good summer.

1997-98 IRCA DX CONTESTS
*****FINAL RESULTS*****

Name	States & Provinces		
	Final	Bonus	Total
1. Nigel Pimblett	399	325	724
2. Craig Rathbone	388	275	663
3. Stan Weisbeck	282	375	657
4. Bill Nittler	327	325	652
5. Charles Dobbins	188	350	538
6. Greg Hall	231	300	531
7. John C. Johnson	304	225	529
8. John Tudenham	237	225	462
9. Pete Taylor	185	225	410
10. Mike Sanburn	113	100	213
11. Dale Park	32	25	57

Congratulations to Nigel Pimblett on winning the States and Provinces DX Contest this year! The mystery bonus stations played a large part in the final totals. Some contestants even had more bonus points than regular points. The mystery station list follows the Letterama standings.

Letterama	
Name	Final Points
1. Pete Taylor	309
2. John C. Johnson	228
3. Greg Hall	207
4. Mike Sanburn	143
5. Charles Dobbins	104
6. John Tudenham	74
7. Dale Park	23

Congratulations to Pete Taylor on winning the Letterama DX Contest this year!

Nigel and Pete will both receive a \$5 IRCA Bookstore gift certificate.

Here's the list of mystery bonus stations. Some of these changed calls, either set of calls reported counted at the end.

AL WHHY 1440	MA WWTM 1440	TN WRGS 1370
AK KBBI 890	MI WJR 760	TX WOAI 1200
AZ KCWW 1580	MN KIMN 1220	UT KSL 1160
AR KAAV 1090	MS WORV 1580	VT WVMT 620
CA KFI 640	MO KATZ 1600	VA WYRV 770

CO KYGO 950	MT KOFI 1180	WA KBSN 1470
CT WNHC 1340	NE KOIL 1180	WV WVOW 1290
DC WTOP 1500	NV KXNT 840	WI WTSO 1070
DE WDOV 1410	NH WKBR 1250	WY KWYO 1410
FL WMEL 920	NJ WPAT 930	AB CFAC 960
GA WSB 750	NM KCKN 1020	BC CHMB 1320
HI KQNG 570	NY WHAM 1180	MB CJRB 1220
ID KBOI 670	NC WBT 1110	NB CKDC 1360
IL WMAQ 670	ND KBMR 1130	NF CBY 990
IN WOWO 1190	OH WOHO 1470	NS CKEC 1320
IA KSCJ 1360	OK KOMA 1520	ON CHAM 820
KY WMTL 870	OR KLOO 1340	PEI CFCY 630
KS KSAL 1150	PA QV 1410	PQ CBJ 1580
LA WWL 870	RI WPRO 630	SK CKCK 620
ME WEGP 1390	SC WSPA 950	NWT CHAK 870
MD WFMD 930	SD KGFY 1060	YT CKRW 610

Thanks to all who participated in this years contests. If you have ideas for next year's contest please let me know now. 73-Nancy

Central DX Roundup

Editor: John C. Johnson

Address: 265 Waterton Way, Billings, MT 59102-7755 Internet: john_johnson@prodigy.net

Deadlines: July 31, August 21, September 4. Please report all times as Eastern. Keep tips to less than a month old.

RIDING GAIN

- [TN-WI] Tim Noonan, Madison, Wisconsin. Dxing@webtv.net
Kenwood R-1000, "Radio West" loop.
- [RCP-IN] Robert C. Pote, Greenwood, Indiana.
Drake R8A, Quantum loop.

DOWN THE DIAL

- 540 WDAK GA, Columbus. 5-18 great signal. 0407 with news followed by spots for Visoderm and Flexall. Jingle ID "WDAK" into One On One Sports. [RCP-IN]
- 570 WVMI MS, Biloxi. 5-3 poor to fair. 0408 with station ID into what sounded like the Art Bell program. [RCP-IN]
- 950 WWJ MI, Detroit. 5-23 fair in local WXLW null. 0421 with "News Radio 9-50" ID when returning to talk show. Spot for James L. Harris Financial Planning. [RCP-IN]
- 1370 WSPD OH, Toledo. 6-1 great signal while in. 0607 with spot for Stapelton Insurance Group then back to Toledo area news roundup. [RCP-IN]
- 1380 WMJR KY, Winchester. 6-1 poor to fair signal. 0603 with "WMJR" ID followed by stockyard report, farm prices, etc. [RCP-IN]
- 1500 WLQV MI, Detroit. 6-1 very poor signal. 0548 with ID "...right here on WLQV." Very little else heard. [RCP-IN]
- 1560 WPAD KY, Paducah. 5-14 very good signal level with no sign of usual WQEW, one unID SS also being received. 0543 with NOS format. [RCP-IN]
- 1580 WOXR AL, Oxford. 6-24 good. 2320 with country music and ID as "AM Country 15-80 WOXR" [TN-WI]
- 1580 IN, Greenwood. Talking House. 6-7. 1410 with house for sale information. House is located a block from where I live. Barely heard at my house, but plenty of squeals on 1580. First time I've ever heard one of these! [RCP-IN]
(Robert...you should live here, I've heard these for over

10 years. Usually on 1610 here. Like you heard, the signal doesn't reach very far. :) John.
1650 KKTR CA, Costa Mesa. 6-1 much noise and poor signal made hearing difficult. 0541 with ID followed by traffic report. San Diego freeway mentioned. [RCP-IN]

UnIDS

1040 unID 6-1 very poor signal. 0523 unID station with BBD music format. Announcer wished happy birthday to Nelson Riddle and gave a musical moment in history. Spot for John Deere. Towns of Irvindale and Hickman mentioned. Any ideas? [RCP-IN]
1690 unID 6-7 fair to poor signal at times accompanied by much noise making it tough to log. 0543 with what sounded like "Radio Disney" with various kids songs mixed with some older rock songs. Any ideas? [RCP-IN]

unID HELP

1690 unID [RCP-IN]'s unID above is KAYK Arvada, CO. John.
25 YEARS AGO

July 14, 1973 issue of IRCA's "DX Monitor" ... Nancy Gantzer of Hoquiam, WA said it was a sad experience to have to resign as EDXR editor because of her move to WA from NY ... Rick Evans of Gary, IN (CDXR editor) said he hated to see Nancy quit as EDXR editor ... Paul Mount of Teaneck, NJ told about receiving the new North American Radio-TV Station Guide ... Larry Godwin of Boulder, CO commented on the upcoming elections and reminded everyone to vote before the August 1st deadline ... Dave Bright of Muscatine, IA told about his tours of stations KBUR, KKUZ, KXGI, KOKX, KMCD, KILJ, KCII, and WCAZ.

OPEN MIKE

Golf balls play an important role. They give us something to judge the size of hail stones. We're in the middle of summer. Thanks to Robert and Tim we have a column this month! 73, John.

Eastern DX Roundup

Editor: Lee Freshwater

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Internet: LFreshwate@aol.com

STARS OF THE WEEK

(LF-FL) your editor Drake R-8A / HQ180A, Potomac FIM-41
KIWA Loop, 75' l.w. N/S
(MB-ON) Mike Brooker 99 Wychrest Ave., Toronto, ON M6G 3X8
Panasonic RF-2200, RFB-45 VIA-E-MAIL
(BH-MD) Bill Harms 6009 Bauman Dr. Elkridge, MD 21075-5501
wharms@iname.com VIA-E-MAIL
(MH-NC) Mike Hardester JRC NRD-525 3' Wedge Air Core-Loop
3118 Gateway Ct., Jacksonville, NC 28546-6973
R-70 w/22" Radio West Loop VIA E-MAIL

LOGGINGS

1670 WNML GA Warner Robins, June 24 0200 fr w/PSA for Salvation Army, ad for Gold Bond, ID as "You're listening to WNML Warner

Robins, WNML-FM Gray 96.5, The Sports Animal", then into sports talk. Got them while I could, as WTDY (see below) will likely dominate 1670 here. (MB-ON)

1670 WTDY WI Madison, July 1 0158 fr-pr w/talk, PSA for Americans With Disabilities Act, ID at 0200 as "AM 1670 WTDY Madison, Today's Talk" into ABC news. (MB-ON)

These were heard with my now-20 year old Panasonic RF-2200 (purchased in July 1978!), which can tune the x-band up to 1670, although its specs say its MW coverage only goes to 1620 kHz.

1690 WMDM MD Lexington Park 7/4 2200 new x-bander in with good signal. 2158 w/Art Bell into couple of PSA's. Full TOH ID for WMDM-1690. AM 920 WPTX promo and ID into ABC news (LF-FL)

1690 WMDM MD Lexington Park This station has not been heard since about 1000 UTC on 7/6. I am in the station's ground wave coverage area. it is 1050 UTC 7/7. WPTX on 920 appears to be non-existent was well. (BH-MD)

UN-IDEN:

1640 UNID At 0114 UT 7/7 I heard a station with religious programming and similar programming this morning on 1640. I assume this is the new Wisconsin station??? I will try for an ID tonight when I have more time. (BH-MD)

T.I.S./H.A.R.

530 WPEZ462, DC Washington. (Metropolitan Washington Airports Authority) 980531 1545. Heard with parking info. (BH-DC)

+Heard here in ElkrIDGE 980614. Was previously covered by WPEW74 which was off. (BH-MD)

530 WPEW741 MD, Cookesville. Noted off the air 980614. Back on on 980618 (BH-MD)

610 WPKU226 DC, Washington. (District of Columbia) Not on the air on a drive-by 980531 1620. Transmitter spotted along DC295 near Pennsylvania Avenue. (BH-DC)

1170 KFB719 DC, Washington (National Park Service - The Mall) Information about parking, monuments, and other sites on The Mall. 980531 1600 Seemed strongest near the Washington Monument. (BH-DC)

1630 WNVY507 MD, Rockville (Maryland DOT) Noted frequency on sign had changed from 1290 to 1630. Station not heard on drive-bys 980529 and 980531 (BH-MD)

1690 NC WQO720 noted 6/16 @ 1220 w/M anncr and brief loop: "This is a North Carolina Highway Advisory Radio operated by the North Carolina Department of Transportation on 1690 AM: WQO720." Info relating to road closure along I-95 between markers 14 and 22, and that max speed is 55 mph...right! Ended message with "Have a safe day." (MH-NC)

Regarding this stn, we saw a sign that said to tune to 1610 when lights are flashing (they weren't), but I checked anyway...nothing. Since I was on the AM band, and Caroline was driving, I decided to do a quick band scan and came across the announcement...nice announcement, but wrong frequency. Regardless, in the log book, hi! Stn is located +/- 20 miles from NC/SC boarder (I was on I-95S at the time of the log).

1690 NC WQO720 noted 6/16 @ 1220 along I-95S (about 20 miles above SC boarder). Male anncer w/road construction info, speed reduced to 55mph, and "Have a Safe Day." Also, "This is a Highway Advisory Radio, operated by the North Carolina Department of Transportation on 1690 AM - WQO720." (MH-NC)

We noticed a mobile sign advising of the radio and to tune to 1610, but nothing. Did a brief scan, and found it on 1690. Range was about 4 miles from the sign. No sign of an antenna...but with all the billboards cluttering the landscape, it could have been anywhere.

SPECIAL

Received a note from Kent Winrich of the Wisconsin Radio Pages advising of the broadcast schedule for expanded band station WKSH-Sussex, WI.

Monday- Saturday 6AM-10 PM Central time

Sunday 6AM-8:30 PM Central time

They ID ONLY at the TOH, and have USA news at :55 past. Kent also advises that, WOKY still has towers down (due to storm) and are running low power non-directional.

SPECIAL INTEREST

- 890 WBPS MA Dedham * Per Scott Fybush on Usenet, station has been transferred from TSG Associates to Z Spanish Radio; Fybush expects the station to switch programming to the Z Spanish network. Other stations involved in the deal are in the Chicago, Houston and San Jose areas. (5P-HI)
- 920 WIRD NY Lake Placid * Per Gavin Burt via Scott Fybush on Usenet, station now airs AAA (adult alternative album) music, i.e. light modern rock, simulcasting sister stations WLPW-FM 105.5 and WRGR-FM 102.3. (5P-HI)
- 1200 CFGO ON Ottawa * Per Steve Keogh, media relations director of the Ottawa Lynx minor-league baseball team, station is going all-sports in September and will be known as Ottawa Sports Radio ("OSR 1200"). Keogh said the team hopes to have a contract with the station for next year; the Lynx have no radio outlet this season. (5P-HI)
- 1230 WKYG WV Parkersburg 4/13 * Per Radio Disney press release, station has become the 20th station to join the R. Disney network. Station GM is Kirk McCall. (5P-HI)
- 1260 WMIH OH Cleveland 5/01 * Per Radio Disney press release, station joined the network today. (5P-HI)
- 1290 WBNF NY Binghamton * Per Scott Fybush on Usenet: The tornadoes that ripped across upstate NEW YORK on Sunday (5/31) claimed two broadcast towers in Binghamton. The 500-foot guyed tower of WIVT-TV (Channel 34) came down in the storm while the ABC affiliate's two master-control operators hid under the board for safety. When they came out, they found the station's studio/transmitter facility in shambles (it was later condemned), and their cars in the parking lot destroyed. WIVT has not been on the air since the tower fell, as best NERW can determine. Just up Ingraham Hill Road, one of the self-supporting towers of WBNF (1290) was toppled as well. WBNF is operating on the rest of its night array under special temporary authority. (5P-HI)
- 1310 WVIP NY Mt. Kisco * Per Scott Fybush on Usenet: "Less than a year after fire destroyed his radio station, WVIP (Mount Kisco) founder Martin Stone has died. Stone was hospitalized after watching AM 1310 burn to the ground last fall. He was 83 years old. The WVIP license remains active, but there's no sign that the station will return to the air." (5P-HI)
- 1330 WAEW TN Crossville 7/04 * Adds Saturday program "Kim Komando Komputer Show" today per broadcast. (5P-HI)
- 1350 WJBD IL Salem-Marion 7/04 * Adds "Kim Komando Komputer Show" today per broadcast. (5P-HI)
- 1360 WCHL NC Chapel Hill 6/29 * Per "Radiochks" on Usenet, station has dropped all news and sports and is adult standards only. Even Woody Durham, "The Voice of the Tarheels" on Univ. of N. Carolina play-by-play broadcasts, left the station. (5P-HI)
- 1480 WCFR VT Springfield * Per Scott Fybush on Usenet: Moving down the Connecticut River, the changes have begun with the new ownership at WCFR (1480/93.5) in Springfield. WCFR-FM is now simulcasting the classic hits/oldies format of Robert and Shirley Wolf's WMXR (93.9 Woodstock).
- 1550 WDZK CT Bloomfield/Hartford 5/26 * Per Radio Disney press release, station switches to R. Disney today; ex-WRDM. (5P-HI)

1570 WNSH MA Beverly * Per Scott Fybush on Usenet: Congratulations to Keating Willcox's WNSH (1570 Beverly), which has been granted a construction permit to use 500 watts day and night from a four-tower array near the Endicott College campus.

1570 WKDB MD Towson * Per "Kimba W. Lion" on Usenet, the former Radio Aahs affiliate will switch from "Radio For No Particular Reason" (it played the same two-hour tape of music repeatedly) to all-sports "Nasty 15-70" on 8/03 based around sports talk host "Nasty Ned." (5P-HI)

A short week this week. Thanks to all who contributed. Another ALL E-MAIL column....Leaving today (7/10) for 10 days in WV. Got a cabin in the woods, a fishing pole and a radio. Life is GOOD !!! See you all next month. Hey, one more monthly !!! See you in 30.....all the best fresh

DX WORLDWIDE EAST

Temporary Editor: Mark Connelly, WALION

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This column is for International LW/MW DX loggings by IRCA members in the UTC-6 eastward to UTC+6 time zones (winter). Members located in other time zones please report to Pat Martin's DX Worldwide West column. Loggings are accepted via snail and e-mail preferably in the format used throughout this column. All times are UTC and dates should use 3-letter month abbreviations.

Report from Mark Connelly - Times / dates = UTC / 1998

[Connelly*R-MA] = Rockport, MA (GC= 70.622 W / 42.667 N)
(Granite Pier)

[Connelly*Y-MA] = West Yarmouth, Cape Cod, MA (GC= 70.223 W / 41.682 N)
(mother's house)

Receiver: Drake R8A

Antenna system: cardioid array with BBL-1 broadband loop, MFJ-1024 whip, and Superphaser-1 phasing unit

*** TRANS-ATLANTIC DX ***

- 549 ALGERIA, Les Trembles, JUN 21 0034 - "moaning" type male AA vocal; good. This wasn't as strong as 891, but it had much better modulation. [Connelly*R-MA]
- 774 SPAIN, RNE1 synchros, JUN 21 0052 - SS talk; in CFDR slop with WABC phased. This got stronger later on. [Connelly*R-MA]
- 819 MOROCCO (t), Rabat, JUN 21 0032 - segment of "Blue Danube Waltz" to good peak. It seemed // 612, but that channel had too much slop to tell for sure. [Connelly*R-MA]
- 837 CANARY ISLANDS // SPAIN, COPE synchros, JUN 21 0028 - SS talk mixed with a music station (that, presumably, is Azores back on frequency, ex-836). [Connelly*R-MA]
- 855 SPAIN, RNE1, Murcia et al., JUN 21 0105 - // 774 with interspersed SS talk & music; fair. [Connelly*R-MA]
- 882 CANARY ISLANDS // SPAIN, JUN 21 0100 - fast SS newstalk with some synchro-echo present; atop BBC UK. [Connelly*R-MA]
- 891 ALGERIA, Algiers, JUN 21 0022 - AA female talk, then Oud or similar music; strong carrier with low audio level. [Connelly*R-MA]
- 909 MOROCCO (t), Safi, JUN 21 0105 - sounded like AA music, over the

- UK station; tough WABI slop. [Connelly*R-MA]
- 936 SPAIN, RNE5 synchros, JUN 21 0105 - // 774 & 855 with SS talk and music; poor to fair with possible Morocco under. [Connelly*R-MA]
- 954 SPAIN, R. Espana, Madrid, JUN 21 0107 - woman in SS; to good peak. [Connelly*R-MA]
- 999 SPAIN, COPE, Madrid, JUN 21 0020 - bits of SS & het against strong CKBW. [Connelly*R-MA]
- 1017 SPAIN, RNE5 synchros, JUN 21 0110 - uptempo C&W-style SS vocal, then man in SS; good. [Connelly*R-MA]
- 1026 SPAIN, SER synchros, JUN 21 0113 - female vocal, then SS talk; 1 kHz tone or het in the background. [Connelly*R-MA]
- 1035 PORTUGAL, RDP R. Comercial, Lisboa, JUN 21 0115 - PP talk, vocal; to good peak over unID (UK ?); WBZ phased. [Connelly*R-MA]
- 1044 MOROCCO, Sebaa-Aioun, JUN 21 0019 - operatic-style vocal, strings, drums; then woman in AA. Poor, over likely SER. [Connelly*R-MA]
- 1044 SPAIN, SER synchros, JUN 21 0117 - SS talk; poor, over growl. [Connelly*R-MA]
- 1053 MOROCCO, Tanger, JUN 21 0015 - strong carrier lightly modulated by man in AA; atop Spain/UK. [Connelly*R-MA]
- 1089 UNITED KINGDOM, Talk Radio synchros, JUN 21 0120 - talkshow host said "Let's go to Blackpool. Albert, you're on Talk Radio." Fair to good signal with WBAL phased. [Connelly*R-MA]
- 1098 SPAIN / SLOVAKIA, JUN 21 0121 - SS talk by woman, evenly mixed with Slav folk music vocal. [Connelly*R-MA]
- 1107 SPAIN, RNE5 synchros, JUN 21 0124 - man & woman in SS talking about "communistas" and "capitalistas"; HUGE signal. [Connelly*R-MA]
- 1116 SPAIN, SER synchros, JUN 21 0125 - vocal, then SS talk; poor. [Connelly*R-MA]
- 1125 SPAIN, RNE5 synchros, JUN 21 0130 - // 1107 with romantic folk SS vocal; poor. [Connelly*R-MA]
- 1134 SPAIN, COPE synchros, JUN 21 0012 - two men having discussion in SS; to good peak. Vocal noted under was probably Croatia. WBBER was phased completely. [Connelly*R-MA]
- 1179 SPAIN // CANARY ISLANDS, SER synchros, JUN 21 0010 - fragment of vocal, then SS talk; mixed with other, in combination null of WHAM/WJFF. [Connelly*R-MA]
- 1197 SPAIN, EI, Vitoria, JUN 21 0132 - SS vocal with Caribbean influences; poor to fair, over presumed Virgin R. [Connelly*R-MA]
- 1215 UNITED KINGDOM, Virgin R. synchros, JUN 21 0134 - music, then presenter said "That was number 24, down from number 11 last week." Sports report mentioning Manchester United followed. Fair signal; over presumed Spain.
+ JUN 21 0153 - "Don't Speak" by No Doubt; good signal. [Connelly*R-MA]
- 1251 LIBYA, Tripoli, JUN 20 0006 - pre-sunset fade-up.
+ JUN 21 0137 - man in AA; fair. [Connelly*R-MA]
- 1287 unID, JUN 21 0156 - music, not parallel to SER Spain 1044, so probably Slovakia instead. [Connelly*R-MA]
- 1296 SPAIN, COPE, Valencia, JUN 21 0151 - SS talk; mixed with R. XL, UK. [Connelly*R-MA]
- 1296 UNITED KINGDOM, R. XL, Birmingham, JUN 21 0151 - Hindi music; under Spain. [Connelly*R-MA]
- 1341 NORTHERN IRELAND, BBC, Lisnagarvey, JUN 21 0156 - EE sports report; fair. [Connelly*R-MA]
- 1368 UNITED KINGDOM (t), JUN 21 0148 - het, bits of talk that sounded EE. Slop from WDEA/WFEA was tough. Isle of Man is supposed to sign off at 0100, so not likely they.
+ JUN 21 0200 - slightly-spiced-up version of the BBC "V" (...-) timpani heard twice. There seemed to be a brief burst of high-band British receptions, especially from stations transmitting from sites a short distance from the sea west and northwest of them. [Connelly*R-MA]
- 1395 NETHERLANDS, Lopik, JUN 21 0143 - Dutch teletalk; very good. [Connelly*R-MA]
- 1422 GERMANY, Deutschlandradio, Heusweiler, JUN 21 0144 - classical

- music, then GG talk by man; to excellent peak. [Connelly*R-MA]
 1512 SAUDI ARABIA, BSKSA, Jeddah, JUN 21 0141 - AA music at low audio level; poor, in hard-to-null WNRB slop. [Connelly*R-MA]
 1548 UNITED KINGDOM, JUN 21 0146 - British teletalk station; poor. Liverpool and Bristol, both in western England, would have the lowest loss paths to the USA. [Connelly*R-MA]
 1550 ALGERIA - CLANDESTINE, Tindouf, JUN 20 2356 - AA female vocal at low audio level on strong carrier; domestics in loop/whip cardioid phase null. This was the first pre-sunset TA noted with audio this afternoon. [Connelly*R-MA]
 1584 SPAIN, SER synchros, JUN 20 2357 - SS talk over a music station that was probably Cauta. [Connelly*R-MA]
 1602 SPAIN, EI, Vitoria, JUN 20 2358 - fair with jazz. [Connelly*R-MA]

*** PAN-AMERICAN DX ***

- 526 BAHAMAS, ZLS, Stella Maris, JUN 6 0435 - "ZLS" code beacon; fair in R.V.C.-530 slop. [Connelly*Y-MA]
 530 TURKS & CAICOS, R. Vision Cristiana, JUN 21 0035 - already good at local sunset with SS religion; hetted by Spain/Algeria/Madeira-531 jumble. [Connelly*R-MA]
 570 CUBA, R. Reloj, JUN 6 0910 - Reloj program; huge, way over WMCA. [Connelly*Y-MA]
 600 CUBA, R. Rebelde, CMKV, Urbano Noris, JUN 6 0407 - // 1180 with fast SS news mentioning several Latin American countries. [Connelly*Y-MA]
 610 COLOMBIA, Radiodifusora Nacional de Colombia, Uribia, JUN 6 0406 - Colombian news, Radiodifusora mention; over others. [Connelly*Y-MA]
 630 PUERTO RICO, WSKN, San Juan, JUN 6 0402 - Puerto Rico news, SS ads, phone numbers; mixed with WPRO and CFCY. [Connelly*Y-MA]
 640 CUBA, R. Progreso, Guanabacoa / Las Tunas, JUN 6 0401 - R. Progreso ID; over others.
 + JUN 6 0913 - // 660 with serious-sounding SS talk & piano music; huge / dominant.
 + JUN 6 0948 - Progreso ID, still dominant at this late time; presumed WNNZ under. [Connelly*Y-MA]
 650 COLOMBIA, RCN Antena Dos, HJKH, Bogota, JUN 6 0400 - Antena Dos ID; in jumble with several others. [Connelly*Y-MA]
 660 CUBA, R. Progreso, CMHG, Santa Clara, JUN 6 0913 - // 640 with SS talk, piano music; under WFAN. [Connelly*Y-MA]
 670 CUBA, R. Rebelde, CMQ, Arroyo Arenas, JUN 6 0355 - // 1180 with "My Heart Will Go On" by Celine Dion; good, dominating over suspected YVLL. [Connelly*Y-MA]
 690 CUBA, R. Progreso, Jovellanos, JUN 6 0915 - // 640 with piano music followed by SS talk about culture and the arts; good / dominant. [Connelly*Y-MA]
 710 CUBA, R. Rebelde synchros, JUN 6 0258 - // 1180 with jazz instrumentation and "lounge" type SS male vocal; over/under WOR. [Connelly*Y-MA]
 730 MEXICO, XEX, Mexico City, JUN 6 0902 - "La Equis" mention; mixed with WJTO/CKAC. [Connelly*Y-MA]
 750 VENEZUELA, YVKS, Caracas, JUN 6 0207 - Venezuelan news in SS; way over apparent Jamaica with WSB looped. [Connelly*Y-MA]
 760 COLOMBIA, HJAJ, Barranquilla, JUN 6 0206 - // 770 with mentions of the Colombian stock market and the "Banco de la Republica"; huge, over low growl. [Connelly*Y-MA]
 760 MEXICO (t), JUN 6 0935 - salsa music, several songs in a row; over Reloj / WJR. [Connelly*Y-MA]
 770 COLOMBIA, RCN, HJJX, Bogota, JUN 6 0206 - // 760 with SS news and economic report; atop WABC. [Connelly*Y-MA]
 780 VENEZUELA, Ecos del Torbes, YVOD, San Cristobal, JUN 6 0204 - news program with much musical fanfare, good ID "Ecos del Torbes"; dominant over CFDR and second SS station. [Connelly*Y-MA]
 800 MEXICO, XEROK, Ciudad Juarez, JUN 6 0900 - SS talk with Mexican news items; under CKLW. [Connelly*Y-MA]
 800 NETHERLANDS ANTILLES, Trans-World Radio, PJB, Bonaire, JUN 6 0200

- US EE talk, promo. for "Character Spotlight" program on Sunday, ID "Trans-World Radio, Bonaire", then talk about Minister James McGee. [Connelly*Y-MA]
- 830 ST. KITTS & NEVIS, TBN, Basseterre, JUN 6 0240 - // 7510 with black minister doing a revival service; behind WCRN. [Connelly*Y-MA]
- 860 CUBA, R. Reloj, CMBL, Arroyo Arenas, JUN 6 0344 - Reloj news by woman, timecheck on the minute; strong, atop SS vocal station & CJBC. [Connelly*Y-MA]
- 890 CUBA, R. Progreso, CMDZ, Santiago de Cuba, JUN 6 0425 - // 640 with mellow romantic SS female vocal; excellent / dominant. [Connelly*Y-MA]
- 900 MEXICO, XEW, Mexico City, JUN 6 0855 - jingle "Novecientos ... Radio XEW" (doble U, not doble V); atop WCLZ Maine. [Connelly*Y-MA]
- 930 CUBA, R. Reloj, JUN 6 0245 - Reloj news & time show; mixed with WZNN & Canadians. [Connelly*Y-MA]
- 940 CUBA, R. Reloj, JUN 6 0858 - Reloj program; atop XEQ & CBM. [Connelly*Y-MA]
- 1020 VENEZUELA, Mundial Margarita, YVRS, La Asuncion, JUN 6 0300 - mentioned "en estada de Nueva Esparta"
+ JUN 6 0335 - R. Margarita ID, followed by anti-drug announcement; dominant. [Connelly*Y-MA]
- 1020 unID, JUN 6 0250 - SS religion; atop other SS station with KDKA nulled. [Connelly*Y-MA]
- 1039.58 unID, JUN 6 0252 - het still here. Believed to be Colombia. Can anyone "closer to the action" (Cesar Objio, or south Florida DXers) get a definite ID here? [Connelly*Y-MA]
- 1060 CUBA, CMDX, Baracoa, JUN 6 0308 - LOUD with compressed audio talk by man, then Latin American vocal with 40's-type big-band orchestra. [Connelly*Y-MA]
- 1090 COLOMBIA, CARACOL, Cucuta/Sogamoso, JUN 6 0255 - woman in SS (// 1100); under WBAL, over probable YVSZ. [Connelly*Y-MA]
- 1100 COLOMBIA, CARACOL, HJAT, Barranquilla, JUN 6 0255 - woman in SS (// 1090); atop WTAM & growl. + JUN 6 0333 - mentioned "en Barranquilla". [Connelly*Y-MA]
- 1170 COLOMBIA, CARACOL, HJNW, Cartagena, JUN 6 0422 - // 1100 with old-fashioned SS vocal having Afro-Caribbean influences; under WWVA. [Connelly*Y-MA]
- 1180 CUBA, R. Rebelde, JUN 6 0258 - // 710 with jazz instrumentation, SS male vocal; atop WHAM. [Connelly*Y-MA]
- 1375 ST. PIERRE ET MIQUELON, RFO, JUN 20 2353 - Caribbean FF music; good to excellent well before sunset. [Connelly*R-MA]

Summary of DX on recent Cape Cod trips

I started the summer with a couple of family trips to East Harwich and West Yarmouth, MA on Cape Cod. I also did a brief (roughly hour-long) sunset DX stop in Plymouth, MA. I've been away from the E-mail for awhile and I'll try to respond to all of the individual messages over the next few days.

Several of you have mentioned their own DX doings during the late spring and early summer - a time thought by many to be unproductive. Most notable are Jean Burnell's fine logs from the West Coast, as well as some TA's and South Americans heard from near his home base in NF. Pat Martin has been doing well with Down Unders making it into Oregon. Ben Dangerfield mentioned that his Bermuda trip wasn't as much of a DX bonanza as one might suspect, but that it was an enjoyable adventure nonetheless. Al Merriman has been working feverishly on several antenna projects so he'll be "loaded for bear" when late August and early September bring back longer cooler nights and strong, reliable foreign DX signals once again. Bruce Conti is planning on a Maine coast DX / camping vacation. Sometime in late July or early August, several of us here in the Boston area will be meeting for a seafood dinner; then we'll drag radios, wire, phasing boxes, and insect repellent out into the Rowley salt-marsh.

Anyway, here's a summary of DX from my recent trips. Logs on 29 JUN to 2 JUL '98 are from East Harwich; those on 6 JUL from West Yarmouth; and 7 JUL from Plymouth. Dates and times are UTC.

29 JUN / 0000-0059: Canaries-621, Venezuela-750, Colombia-610

29 JUN / 0100-0159: St. Kitts & Nevis-555, Venezuela-640, Venezuela-580, Puerto Rico-580, Granada-535, Venezuela-600, Brazil-720, Venezuela-720

29 JUN / 0200-0320: Venezuela-780 (YVOD // 4980), Colombia-810 (// 5076.8), Cuba-860, Ireland-567

29 JUN at 1510 UTC (daytime groundwave): Turks & Caicos-530

30 JUN / 0100-0159: Canaries-621, PJB Neth. Antilles-800, unID SS Latin American - 820.22

30 JUN / 0200-0330: Puerto Rico-630, Colombia-650, St. Kitts & Nevis-830, Saudi Arabia-1521, unID (Vatican ?)-1530, unID het-1529.5, Spain-1107, Spain-1044, Canaries/Spain-837

1 JUL at 0050 UTC: tentative ZBVI-780, severe static from nearby thunderstorms

2 JUL / 0000-0059: Western Sahara-711.05, St. Kitts & Nevis-895, Algeria-891, Cuba-860, St. Kitts & Nevis-830 (killing WCRN)

2 JUL / 0100-0159: YVOD-780 (o/ Coro & CFDR), Colombia-770, Colombia-760, Guyana(t)-760, unID het-729.12 (not sure if TA or PanAm), St. Vincent-705, Colombia-700, Colombia-690 (Recuerdos), Azores-693, Azores-837, Spain-684, Cuba-660, Cuba-640, Ireland-612

2 JUL / 0200-0259: Germany(t)-549 mix Algeria, ZLS Bahamas-526, Ireland-567, Cuba-570, Cuba-600, unID SS-734.7, Haiti-840 (o/Cuba), Cuba-890, Cuba-900, Colombia-940, UK-1089, UK-1215, Libya-1251

2 JUL / 0300-0430: Germany-1422, Anguilla-1505, unID blank carrier-1404 (France ?), Spain-855, Spain-603, Algeria-549 LOUD !, Spain-1521, Spain-1539, Spain-1584, Sao Tome VOA - 1530 HUGE, annihilating WSAI at 0430 UTC - maybe the strongest signal ever from this !

6 JUL / 0126-0304: Cuba-1180, Cuba-710, Colombia-1100, Colombia-1170, Cuba-1060

6 JUL / 0848-0935: Cuba-620, unID SS-600.08 QRMed by Cuba-600, St. Kitts & Nevis-555 fading out, Cuba-540, Cuba-570, Cuba-690, Cuba-940, Cuba-640. Comment: This dawn-period DX session was a quest for western South America, Central America, Jamaica, Mexico, western USA, and Trans-Pacifics, but, as is often the case, it just produced wall-to-wall Cubans and routine domestics from eastern and midwestern areas.

7 JUL / 0005-0109: Senegal-765, Azores-837, Azores-693, Morocco(t)-819, Spain-855, Spain-873, Canaries/Spain-882, Algeria-891 (measured 890.95), Spain-954 very good, Spain-999, Spain-1071, Canaries/Spain-1179, UK-1053, Spain-1044, Portugal-1035, UK-909, Spain-738, Spain o/unID-729, Spain-639, jumbled messes on several TA channels (747, 756, others). 1350 didn't have a 1349 het, so maybe Mauritania is having technical problems. Normally 1349 shows up a half-hour or more before sunset at coastal sites.

On either Thursday 9 JUL or Tuesday 14 JUL, I plan to make an after-work DX trip to Granite Pier in Rockport, MA. Also I expect to do another Cape Cod session sometime during the weekend of 18/19 JUL. When I have the logs from these activities, I'll merge them with the above-noted receptions for the full-details "Summer 1998: Road Trip Report #1".

I'm eagerly awaiting the reports of others as the nights gradually lengthen and the 1998-1999 DX Season starts to accelerate. Don't hesitate to bring a radio on seaside holidays, camping trips, and other summer adventures away from home. In a month or so, the static will be decreasing. For the immediate future, think trans-equatorial. With solar activities on the rise, we can expect some good auroral "blow outs" that can do amazing things like putting a 1550 Bolivian on top of Ontario and the other co-channel domestics.

Here's a summary of DX from an after-work session at Granite Pier in Rockport, MA. Receiver: Drake RBA Antenna system: BBL-1 broadband loop and MFJ-1024 whip (as cardioid array) with Superphaser-1 phasing unit. Dates and times are UTC.

9 JUL at 2354 UTC (pre-sunset): Algeria-981

10 JUL / 0000-0059: Algeria-1550, Spain-1413, Canaries-1179, Croatia-1134 (o/Spain), Spain-1152, Spain-1107 (loud), het-1161 prob. Spain, Spain-1098 (o/Slovakia), Spain-1044, Spain-1116, Spain-1125, Spain-1296, Canaries/Spain-837

10 JUL / 0100-0202: Spain-738 (loud), Spain-774, Spain-801, Egypt-864 (o/2 others), Algeria-891 (huge), Spain-936, Spain-729, Spain-585, Spain-576, Spain-531, Spain-639, Spain-855, Spain-1359, Germany-1422, Saudi Arabia-1512, Spain-1575, Spain-1584, Spain-1314, Spain-1215 (o/UK)

Latin Americans, even routine stations, were poor.

DX Worldwide West

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All from Pat Martin using Drake R8, EWE antenna.

TPS

531-AUSTRALIA, West Kempsey-2MC fair above NZ w/ "2MC" ID at 1215 6/20 (PM-OR)

1XPI- NEW ZEALAND, Pacific Islands Radio, good with man in Samoan sounding lang at 1145 July 6. (PM-OR)

540-AUSTRALIA, Longreach-4QL fair over CBC at 1204 w/ ABC News 6/20 (PM-OR)

+fair on top with ABC News at 1202 UTC 7/1. With CBC way underneath (PM-OR)

1XC-NEW ZEALAND, Tauranga-very good and dominant with minister giving what sounded like a "Thought for the Day" at 1204, after a mention of "Radio Rhema". This by far is the stronger of all Radio Rhema stations I hear. On July 6. (PM-OR)

549-UNID- Station running EZL type mx, probably 2CR at 1151 July 6 (PM-OR)

558-UNID-Pop music in splash at 1220 on July 6. 4AM??? (PM-OR)

567-NEW ZEALAND, Wellington-2YA good with National Pgm, woman ancr with MOR mx pops at 1221 July 6. (PM-OR)

576-AUSTRALIA, Sydney-2RN fair w/570-580 splash at 1210 6/20 (PM-OR) +very good with Clas. mx at 1230 July 6. (PM-OR)

585-UNID at 1211 6/20 (PM-OR)

+Music in there, but too much splash to tell much at 1212 July 6

594-JOAK-JAPAN, Tokyo. A Summer showing of this. Weak u/o Aussie (presumed), man w/ JJ talk 1150 July 6 (PM-OR)

603-Maori station?, NEW ZEALAND-poss. the station with native talk in splash at 1209 July 6. (PM-OR)

612-4QR-AUSTRALIA, Brisbane-good with EZL mx and female ancr at 1217 on July 6. (PM-OR)

621-UNID-Sounded Clas., but hard to tell, too much KIPA/KEWS-620. Prob. 3RN at 1214 July 6 (PM-OR)

639-2CS-AUSTRALIA, Colfs Harbour, good with Pop mx and a "2CS" by man o/u unid, maybe NZ at 1221 July 6. (PM-OR)
UNID Aussie with trotting at 1217 6/20 (PM-OR)

648-UNID-Station in here, but too much splash to tell much at 1148 July 6. (PM-OR)

657-UNID-Discussion pgm of some type, but too weak to hear clearly. At 1156 on July 6. (PM-OR)

666-RFO-NEW CALEDONIA, Noumea-fair w/ man in FF at 1206 6/20 (PM-OR)
+Fair with wan in FF at 1130 July 6. Tahiti was much stronger. (PM-OR)

675-3YA-NEW ZEALAND, Christchurch-good with National Pgm, also // to 1602 (2XA) at 1222 July 6. (PM-OR)

684-UNID-station talking, but too much 680 splash at 1226 July 6. (PM-OR)

693-NEW ZEALAND, Radio Sport good with Racing also seemed // to 1062 & 1125 at 1234 July 6. (PM-OR)
5SY????-AUSTRALIA, ABC station //1062 khz with Comedy at 1245 UTC 7/1. (PM-OR)

702-2RN-AUSTRALIA, Sydney-very good with ABC News at 1200 July 6. (PM-OR)

711-UNID-station in 710 splash at 1233 on July 6. (PM-OR)

720-4YZ-NEW ZEALAND, Invercargill-good with Matt Monro mx at 1226 July 6. All alone of channel, after Las Vegas faded out. (PM-OR)

729-AUSTRALIA, Adelaide-5RN fair with Rugby Sport type at 1240 UTC 7/1. (PM-OR)
NEW ZEALAND / AUSTRALIA. Radio Sport, and 5RN presume the mix here, Sports talk and Clas. type mx at 1251 July 6. (PM-OR)

738-TAHITI-RFO, very very good crowding off KCBS with man in FF at 1220 UTC 7/1 (PM-OR)
+very good with woman and man in FF. Excellent, especially after KCBS faded down at 1240 July 6. (PM-OR)

747-UNID-man talking in KXL-750 splash, but couldn't tell what at 1236 July 6. (PM-OR)

756-1YA-NEW ZEALAND, Auckland-Very good with News at 1207 July 6. (PM-OR)

765-1XT???-NEW ZEALAND, presume the accented EE (native sounding) talk by man at 1210 July 6. Sounded like Pop mx underneath. (PM-OR)
UNID-station with Rock music at 1220 6/20 (PM-OR)

774-3LO-AUSTRALIA, Melbourne-very good w/ ABC News as 1203 July 6. (PM-OR)

783-UNID-Odd sounding music, maybe Irish or European type in passing at 1219 July 6. (PM-OR)

792-4RN-AUSTRALIA, Brisbane-One of the best DUs of the morning. Still in with a discussion pgm at 1255 (Long after LSR) on July 6. (PM-OR)

801-2RF-AUSTRALIA, Gosford-presume the source of the II programming at 1224 7/1 (PM-OR)
+Gosford-good with II tal at 1140 July 6. (PM-OR)
UNID-AUSTRALIA???, Gosford-possibly II programming at 1216 on 6/20 (PM-OR)

810-UNID-Native type accented man ancr u/KGO at 1250 7/1. Fiji???
(PM-OR)
+Native talk way u/ KGO, but coldn't tell what. Paul Ormandy says Access Radio in Auckland runs some of this, also Fiji is there w/10KW. Maybe KGO will be off some morning.Hi. at 1156 July 6. (PM-OR)

819-UNID-station in 820 splash at 1213 on July 6. (PM-OR)

828-UNID-station here 1214 July 6 (PM-OR)

837-UNID, in KSWB-840 splash at 1214 July 6. (PM-OR)

846-UNID-in KSWB-840 splash at 1215 July 6. (PM-OR)

855-AUSTRALIA, ABC station w/ NX at 1203 July 6. Prob. 4QB / 4QO.
(PM-OR)

864-UNID AUST. presumed with discussion 7RPH? at 1222 6/20 (PM-OR)
+mix of several stations here at 1208 July 6. (PM-OR)

873-AUSTRALIA, Sydney-2GB very good with commercial followed by "2GB"
at 1207 July 6. Best hrd in a long time (PM-OR)

882-UNIDs-2 or 3 stations in KIXI-880 splash at 1209 July 6. (PM-OR)

891-AUSTRALIA, Adelaide-5AN-very strong and alone on channel at 1240
w/discussion pgm, man ancr July 6 (PM-OR)
UNID AUST. with Troting at 1209 6/20 (PM-OR)

909-UNID-Sounded vaguely Sports, weak in 910 splash, but hard to tell
for sure, mostly buried in noise at 1218 July 6. (PM-OR)

918-UNID-Station(s) is splash at 1219 July 6 (PM-OR)

927-4CC-AUSTRALIA, Gladstone-fair with "4 Double C ID by man at 1233
July 6. (PM-OR)

936-4PB-AUSTRALIA, Brisbane-presume the source of the Australian with
discussion pgm at 1237 July 6 (PM-OR)

945-UNID-too much splash to tell much, except some pop mx in there,
over what sounded like a 2nd station at 1241 July 6 (PM-OR)

954-UNID-too much splash to tell much at 1241 July 6 (PM-OR)

963-UNID at 1242 July 6 (PM-OR)

972-UNID-Pop mx in 970 splash at 1225 on July 6. (PM-OR)

981-UNID-Pop mx at 1210 6/20 (PM-OR)
+Pop mx in 980 splash at 1226 July 6. (PM-OR)

999-UNID at 1226 July 6 (PM-OR)

1008-AUSTRALIA, Brisbane-4TAB presumed the source of the Sports talk at
1242 July 6. (PM-OR)

1017-2KY-AUSTRALIA, Sydney-fair in 1020 splash with man ment. "2KY" at
1145 6/20 (PM-OR)
UNID, probably 2KY at 1243 July 6 (PM-OR)

1026-UNIDs-two or three stations in there at 1217 July 6. (PM-OR)

1035-2ZB-NEW ZEALAND, Wellington-good with anmts of about New
Zealand??? 1231 July 6. (PM-OR)

1044-UNIDs. Sounded like 4ZB in there at 1233 July 6, plus someone
else. (PM-OR)

1053-UNID-1236 July 6. (PM-OR)

1062-5RN-AUSTRALIA, presume the source of the Rugby type Sport at
1215-1235 UTC 7/1, //729 khz. (PM-OR)
NEW ZEALAND, Radio Sport in there with Racing // 1125 at 1147 July
6. (PM-OR)

1071-UNID-Pop mx at 1223 6/20 (PM-OR)
+Pop mx at 1148 July 6. (PM-OR)

1089-UNID-too much splash at 1148 July 6 (PM-OR)

1098-UNID July 6 1148 (PM-OR)

1107-2EA???-AUSTRALIA, prob. the one with Euro sounded lang. in splash
at 1240 July 6. (PM-OR)

1116-UNIDs-two or three stations here in splash at 1240 July 6. (PM-OR)

1125-NEW ZEALAND, Radio Sport gain // 1062 at 1147 w/Racing July 6.
(PM-OR)

1134-UNID 1149 July 6 (PM-OR)

1143-UNID-1149 July 6 (PM-OR)

1152-UNID-1149 July 6 (PM-OR)

1161-NEW ZEALAND, Wellington-2XM presume the source of Maori talk at
1233 on July 6, tele. talk sounded with woman on line. Man ancr.
(PM-OR)
UNID man talking probably 4MB at 1218 6/20 (PM-OR)

1062-UNID ABC station at 1225 6/20 (PM-OR)

1179-UNID 1235 July 6 (PM-OR)

1188-UNID-1237 July 6 (PM-OR)

1197-UNID-1237 July 6 (PM-OR)

1206-UNID-Pop mx on top at 1237 July 6, poss. 2GF??? (PM-OR)

1215-UNID 1238 July 6 (PM-OR)

1224-UNID-buried by splash 1238 July 6 (PM-OR)

1233-UNID-1238 July 6 (PM-OR)

1242-UNID-1239 July 6 (PM-OR)

1251-UNID-1239 July 6. (PM-OR)

1269- Weak carrier here, no audio possible 1239 July 6. (PM-OR)

1278-UNID-talk by woman in disc. 2ZC? 1246 July 6. (PM-OR)

1287-UNID 1244 July 6 (PM-OR)
 1296-UNID-1244 July 6 (PM-OR)
 1305-UNID 1244 July 6 (PM-OR)
 1314-UNID-1244 July 6 (PM-OR)
 1323-UNID-1245 July 6 (PM-R)
 1332-UNID-1245 July 6 (PM-OR)
 1341-UNID-carrier 1245 July 6 (PM-OR)
 1368-UNID carrier 1246 July 6 (PM-OR)
 1422-UNID carrier 1251 July 6 (PM-OR)
 1467-UNID-mx at 1253 July 6 PM-OR)
 1476a-UNID Someone off freq with het and ezl mx in there at 1211 July 6
 (PM-OR)
 1485-UNIDs-growl on channel with sveral bits of audio most of the
 morning here from 1130- to- 1245 July 6 (PM-OR)
 1494-UNID-in splash at 1223 July 6 (PM-OR)
 1503-UNID-Pop mx in splash at 1224 July 6 (PM-OR)
 1548-AUSTRALIA, Emerald-4QD presume the source of ABC Nx at 1303 (Well
 after LSR), fading badly July 6 (PM-R)
 UNID- DU talk, presume 4QD at 1220 UTC 6/10, lots of 1550 splash.
 (PM-OR)
 1557 UNID, mostly carrier but bits of talk at 1222 6/10. (PM-OR)
 1566 UNID-bits of talk in splash at 1224 6/10 (PM-OR)
 +Pop mx here off and on morning of July 6. (PM-OR)
 1575 UNID, mostly carrier but a little mx at times at 1225 6/10. Strong
 carrier, but little audio. (PM-OR)
 +Sounded like Non EE talk at 1210 July 6. (PM-R)
 1584 UNID but man with bits of DU talk, a word here and here. Sounded
 like more than one carrier, with audio buried at 1223 6/10.
 (PM-OR)
 +station sounded Ethnic but hard to tell, too much splash at 1212
 July 6 PM-OR)
 t1593 Khz-AUSTRALIA, Melbourne-3RG? man in what sounded like Italian
 at 1229 6/10 with soft rel. mx underneath (Radio Rhema?). I may
 send a tent. taped report, as you could hear a little of the II
 talk. (PM-OR)
 1593-NEW ZEALAND, Auckland-Native type talk here, poss. Maori? at 1146
 on July 6. (PM-OR)
 1602-NEW ZEALAND-2XA??? Prob. the one with National pgm at 1225 July 6
 (PM-OR)
 UNID-sounded like an Open Carrier, no audio at 1235 6/10. (PM-OR)
 1628.85-UNID het here in growl, someone off channel at 1155 6/20(PM-OR)
 1629-AUSTRALIA, Melbourne-3MM good for the first time, in 1620-1640
 splash of GG talk by man and woan, over someone off freq. with
 het on channel at 1219 July 6. Didn't seem // to 1665. (PM-OR)
 UNID in growl at 1234 6/10, lots on 1620 splash. (PM-OR)
 1638-UNID in splash at 1221 6/20 (PM-OR)
 1665-AUSTRALIA, Sydney, good with Greek type mx at 1238 6/10 (PM-OR)
 +good with Greek talk at 1150 6/20 (PM-OR)
 +GG programmig here didn't seem //to 1629 at 1219 July 6. (PM-OR)
 1670.5-JAPAN, UNID Lighthouse stations, sounded like several IDING in
 noise from 1138-39, 1142-43, 6/20. These only run 50 watts.
 Woman in repeated Japanese. (PM-OR)
 1683-AUSTRALIA, Sounded like Arab programming, fair at 1237 6/10
 (PM-OR)
 +man in AA at 1234 6/20 (PM-OR)
 1701-AUSTRALIA, Brisbane- Radio 1701 I presume with mx 1239 6/10
 (PM-OR)
 +presume the sound of Indian pop mx at 1202 6/20 (PM-OR)

Patrick - re 603, Aotearoa Radio Auckland left the air on 30 June due
 financial troubles. The channel has been clear in Auckland since that
 date, though there is a probability of reactivation after financial
 restructuring.

603-NEW ZEALAND, according to Brian Clark, the station is off the air.
 So who else is operating with native type programming on 603 khz. Ideas
 anyone? (PM-OR)

Eastern DX Forum

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DEADLINES: SATURDAYS
8/1 8/22 9/5

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R. C. Watts, 4109 Graf Drive, Louisville, Kentucky 40220-3016

Just got back from a trip to Kentucky Dam Village State Resort Park in western Kentucky. Found that Murray State University operates a 1540 kHz T.I.S. where Purchase Parkway meets I-24. Call sounded like WPEA-447. Murray is quite a distance down the Parkway, so this T.I.S. is well situated to attract area visitors and interstate travelers. The 1610 kHz T.I.S. at the North welcome Center to Land Between The Lakes, silent last time we were there, was heard in the park. The I-24 T.I.S. in Paducah (WMMU-238) could be heard mixing with it at times. WMMU really gets out! Had a signal in and out on 530 kHz but couldn't ID. I suspect it was in TN, but MO and IL are also close. On the way to see the mounds in Wickliffe, KY (research center) I visited WBCE-1200 (We Broadcast Christ Everyday) on US 60 at the edge of town. A rather rustic building, antique gear and new transmitter, after being silent for six weeks last year. Hopes to computerize when the money becomes available. Col. XYL says I don't go anywhere unless there's a radio station involved. Not true! (Col., I've heard the same comment with my newspapers, hi--rce)

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There have been a number of changes in St. Louis as of late...first off, KKWK-1380 is basically a free-form talk format, similar to that at WGNU-920. Station boss Mark Kasen holds down PM drive at the station. Other big names, besides AM drive talker Onion Horton (who is very anti-Caucasian), include former St. Louis city comptroller Virvus Jones, who holds down the midday slot, and community access cable TV show host (and former DJ) Pete Parisi, who holds down overnights. The Dorsey Group, owners of KTRS-550, have sold WIBV-1260 to ABC/Radio Disney, and switched the Belleville-based station to the Radio Disney format as of 5/22. WFUN-FM 95.5 tried to pick up Radio Disney, but the syndicator never returned their phone calls. No station can get ABC to back down from its requirement that all Radio Disney affiliates carry 100% of their programming. Their competition, WFUN-FM, runs a locally-originated pre-teen format. WIBV is NOT stereo as of yet, but may still convert the station to AM Stereo. WIBV once broadcast in AM Stereo during 1989-90, when it ran satellite-fed AC. CBS-owned KMOX-1120 has changed General Managers once again, with Karen Carroll coming over from sister stations KYKY-98.1/KEZK-102.5 to take over The Voice of St. Louis. She succeeds Rod Zimmerman, who now is GM at WBBM-780 in Chicago. Taking over the reins of KYKY and KEZK is Beth Davis. You will notice some new voices on the IDs at KMOX. The first casualty of the change is the phase-out of Charlie Van Dyke (best-known as Casey Kasen's number one fill-in on "American Top 40") as the voice used in the IDs, replaced with KMOX production guru Casey Van Allen, KYKY traffic reporter Lance Hildebrand and KMOX newsmen Rick Sanborn. Michael Dixon has been replaced in the overnight time slot at KMOX by John Carney (son of the late legendary Jack Carney). Dixon still does a show at KTAR-620 in Phoenix, however. Speaking of CBS, they have sold KSD-93.7 and KLOU-103.3 to Jacor Communications, who already own KATZ-1600/100.3, KMJM-104.9 and KSLZ-107.7 in the St. Louis area.

Format changes are likely at KSD-93.7, which registered a dismal 2.5 rating in the Winter 1998 book. WALC-104.1 has not only added Howard Stern during morning drive, but has also dropped Modern AC (as "Alice at 104.1") for a hard rock format, calling itself "Extreme Radio". Their anemic 2.9 rating in the Winter 1998 book was one reason behind the format change. The big change on the Clears took place at WSM-650, where they dropped their longtime NBC affiliation over the winter for ABC. Classic Rock seems to be the format of choice in southern Illinois, as WQUL-97.7 has dropped Oldies to assume the format (as "The Bear"), while WXLT-95.1 dropped Soft AC for Classic Rock (as "The Big Dog"). With KGMO-100.7 already programming Classic Rock, it seems that a Classic Rock war is ensuing in downstate Illinois. An AM station is making an attempt at Top 40 radio this close to the 21st Century, in the form of WINX-1600 Rockville, MD. With the only CHR outlet in the Washington, DC area, WWZZ-104.1 La Plata, MD, having a marginal signal in the northern DC suburbs, it is well worth a try. It would not work in St. Louis, with 100 kW KSLZ-107.7 on the air! 73, Eric (NOUIH)

Western DX Forum

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[6/10] Hi everyone! Have been wanting to send in something, but have been putting it off...Rejoined the club after going to the convention last year in Costa Mesa and had a blast...Not much DXing these days due to noisy location and have only a Superadio 3 and no loop antenna...Work and family takes up a lot more time these days than ever before, also... Still do news for KOCN-Oldies 105 FM here, which is now owned by Clear Channel, which also owns KTOM AM and FM, KDON-FM and KRCQ-FM here....Local station KCTY-980 went dark in April after an arson fire at their old transmitter site,...They were in the process of starting a new 4-tower site which is now finished, except for the ground system...They got back on the air 5/25 with 50 watts and this week as of 6/10, they're up to 250 watts...don't know when new 10kw power will start....The long dark KDON-1460 in Salinas, also owned by Clear Channel will diplex from this site...May go on late this year but the format is undecided... Also found out that the 1200 CP for Soquel is set up to go to diplex off the tower site where KIEZ-540 and KTGE-1570 transmit from...The owner, a local engineer is waiting for a buyer he'll be satisfied with... While KCTY was off, had no problem getting Fresno on 980 during the day which was new for me, along with KINS-Eureka, another newbie, and I relogged KVLV-Fallon, NV at SSS, not heard in several years...Plus reception on 970 and 990 was easier, hi... A radio engineer friend of mine in the L.A. area recently heard 1690 with Radio Disney around the night of 6/8...I told him this was likely the new station from Arvada, CO, but he didn't hear the ID...I'll have to try for this one, but usually have to take the radio away from the apartment to a quiet area...Rich Toebe came over for a visit and showed me the new M Street Directory...Very impressive and up to date....Also I noted Robert Wien's logging of KSCO-180 on 4/7 from Colorado...They don't run their 5 kw DA at night anymore! For several years, they've been running 1,000 watts non-directional to give them better coverage in parts of Santa Cruz County they used to lose at night! The FCC gave them an STA for this back around 1991-92, and it was to be good for only 3 years or so...But I guess the FCC and KSCO forgot! And they haven't had any complaints from other stations on 1080 of interference, I guess! Guess that's all for now...hope everyone has a good summer and would like to get in touch with any long lost friends out there. 73

Frank E. Aden
WVLL23A@prodigy.com

[6/20] KBOI will probably not be working on their new pattern until next year. Bill Frahm, CE at KBOI says they have too many other projects to finish. I may be attending the convention in Missoula, just depends on a couple of things going on here right now. Will anyone be passing through here to the convention? I will have a box of goodies to send and just in case I do not go it would be nice to give it to someone passing through on their way to the convention. Are there are DXers out there who would be interested in a mini-DXpedition to the Oregon coast in Sept. or Oct.? I have been checking into renting a vacation home for a few days. So far I have information on the Pacific City area which would probably make a great site. Cost for most is around \$100-120 per day but if a group of five or more came we could really cut the cost per person. 73 Frank

Reid Wheeler, 5910 Boulevard Lp SE, Olympia WA 98501
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[7/6] With 'this and that' and everything else, I haven't been able to attend many IRCA functions - at least not since the Aberdeen convention. With my wife retiring last month (and the last kid booted out), I will have a little more freedom to 'get out' - and will be at Missoula in August. Hope many of you will be there. I'm looking forward to seeing a lot of friendly faces and perhaps meeting some of you for the first time. 73, Reid

Larry Godwin, 2390 Clydes Dale Lane, Missoula, Montana 59804
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Greetings from Convention Central! A few registrations are trickling in for our get-together here in Missoula August 14-15-16. Why not mail me your form now, while you're thinking about it? You can pay the \$25 fee after you arrive. The DXpedition site is just three miles from the host motel. Don't forget the auction! Bring or mail any donations of radio-related stuff. OK, see you later and good DX, Larry.

GEOMAGNETIC INDICES

phil bytheway - Seattle WA - philip_bytheway@mukilteo.hac.com

Tabulated from WWV at -0518 GMT nightly

Geomagnetic Summary June 5 1998 through July 9 1998

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

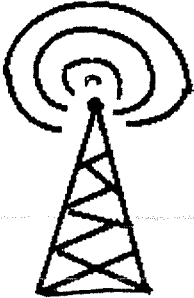
Date	FLUX	A	K	SA	GEO	OTHER
6/ 5	115	12	2	low	quiet-unsettled	-
6	115	13	3	very low	quiet-active	-
7	113	13	3	low	quiet-active	-
8	117	12	2	low	quiet-unsettled	-
9	112	8	1	low	quiet-unsettled	-
10	112	12	3	low	quiet-active	-
11	112	6	2	moderate	quiet-unsettled	-
12	112	7	2	moderate	quiet	-
13	111	4	2	moderate	quiet-unsettled	-
14	102	15	2	very low	quiet-unsettled	-
15	100	6	1	low	quiet-unsettled	-
16	104	7	1	moderate	quiet-unsettled	-
17	101	3	1	very low	quiet	-

18	100	6	4	very low	quiet-active	-
19	99	13	2	very low	quiet-active	-
20	101	11	3	low	quiet-active	-
21	102	16	1	low	quiet-mis	-
22	101	7	2	low	quiet-unsettled	-
23	96	12	3	low	quiet-mis	-
24	105	17	2	low	quiet-active	-
25	106	9	6	low	quiet-mas	-
26	109	36	2	moderate	quiet-mas	mis 0900
27	115	4	1	low	quiet	-
28	122	3	1	low	quiet	-
29	119	2	1	low	quiet	-
6/30	121	3	1	low	quiet	-
7/ 1	127	4	4	low	quiet-active	-
2	120	11	0	moderate	quiet-active	-
3	128	11	2	low	quiet-unsettled	-
4	129	10	4	moderate	quiet-active	-
5	124	13	4	low	quiet-active	-
6	z	z	z	z	z	-
7	115	5	1	low	quiet	-
8	z	z	z	z	z	-
7/ 9	114	10	3	low	quiet-active	-

BROADCASTING INFORMATION

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DEADLINES: 2nd & 4th Saturdays.

Compiled:06/28/98

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

SECTION 1:

FORMAT CHANGES:

- | | |
|-------------------|--|
| AR. Heber Springs | KAWW-1370 was talk//KDRE, now alt.//KDRE |
| CA. Fortuna | KAJK-1090 was silent, now ABC AC//FM |
| San Bernadino | KCKC-1350 was classic C&W, talk, now class.C&W, sports |
| GA. Albany | WJYZ-960 was gospel/R&B oldies, now SGN blk gosp. |
| Calhoun | WEBS-1110 was gold based AC, now JRN oldies |
| Carrollton | WWWE-1110 was country, rptd. silent |
| IL. Chicago | WYPA-820 was mot. talk, now Unica SS talk |
| Portage | WNDZ-750 was brokered, now ABC motivational |
| IA. Indianola | KOLQ-1490 was JRN stds., now JRN classic C&W |
| KY. Greensburg | WAKY-1540 was country//WGRK-Fm now Reach s. gospel |
| Lebanon | WLBN-1590 was JRN AC//FM, now JRN AS |
| LA. De Ridder | KDLA-1010 was s. gospel, now black gospel//FM |
| MI. Big Rapids | WBRN-1460 was country, now nx/talk/sports |
| NM. Santa Fe | KVSF-1260 was sports, now talk, sports |

SC. Walterboro	WALD-1080	was silent, now R&B oldies, gospel
VA. Richmond	WLEE-1320	was talk, now JRN oldies
WA. Longview	KBAM-1270	was country, adds ABC Real C&W
WI. Racine	WBJX-1460	was regional Mexican, now SS hits

NEW STATION GRANTS:

CO. Denver	new-1650	10000/1000 ND
KS. Kansas City	new-1660	10000/1000 ND
LA. Monroe	new-1680	10000/1000 ND
MI. Ada	new-1680	10000/680 ND
NC. Charlotte	new-1660	10000/1000 ND
TX. El Paso	new-1650	8500/850 ND
UT. Sandy	new-1640	10000/1000 ND

FACILITY & PARAMETER APPLICATIONS:

CO. Pueblo	KGHF-1350	mod CP to 5000/280 ND
CT. Ansonia	WADS-690	mod. CP to dec. to 3200 DA-D
PR. Moca	WZNA-1040	add 245-N
PQ. St. Georges-De-Beauce	CKRB-1460	move to 103.3 FM
St. Marie-De-Beauce	CJVL-1360	move to 101.3 FM
Thetford Mines	CKLD-1330	move to 105.5 FM
Victoriaville	CFDA-1380	move to 101.9 FM

SECTION 2:

FORMAT CHANGES:

CA. Quincy	KPCO-1370	was silent, now AS
FL. West Palm Beach	WEAT-850	was nx, sports, now bus., sports
GA. Hapeville	WWWE-1100	was silent, to be brokered
IL. Shelbyville	WSHY-1560	was AS, rptd. silent (donated New Life Evangelistic Center, Inc.)
Taylorville	WIHM-1410	was WTIM, talk//FM, now EWIN religion
IN. Indianapolis	WSYW-810	was country, now classical, talk
IA. Davenport	KFQC-1580	was urban, rptd. silent
KY. Nicholasville	WLSG-1250	was WNVL, black gospel, adds SGN gospel
MO. Bowling Green	KPCP-1530	was country//FM, now class C&W //FM
MT. East Helena	KHGR-680	was country, talk, now oldies
NY. Cornwall-on-Hud.	WWLE-1170	was AS, rptd. silent (to be sold and return soon)
OH. Cortland	WRTX-830	was ethnic, oldies, adds JRN oldies
PA. Olyphant	WAAT-750	was WMXH, silent, now rel., cont. Xtian
TX. Creedmore	KQQA-1530	was KNEZ, tejano//KQQQ-FM, now SS hits //KQQQ-FM
VT. Saint Johnsbury	WSTJ-1340	was oldies, now JRN AS
VA. Orange	WVCV-1340	was WJMA, country//FM, now talk
WA. Tacoma	KZTS-1360	was brokered, rptd silent
WI. Madison	WTDY-1670	was WAWY, new, to be talk//WTDA
PQ. Montreal	CKGM-990	was nx/talk//CJAD, now oldies "Oldies 990"

NEW STATION GRANTS:

VA. Bayside	new-1450	1000/1000 ND
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CONSTRUCTION PERMIT ACTIVITY:

MD. Ocean City	WETT-1590	dec. to 230-N, DA-2
NC. Eden	WXII-830	inc. to 10000-N, DA-2

FACILITY & PARAMETER GRANTS:

FL. Mount Dora	WNTF-1580	mod. CP to dec. to 2100-D, ND
PA. Reading	WEEU-850	dec. to 940-N, DA-2

CALL LETTER CHANGES:

CA. Costa Mesa	KGXL-1650	becomes	KKTR	"K-traffic"
Santa Ana	KWIZ-1480	becomes	KVNR	"Vietnam Radio"
Vallejo	KXBT-1190	becomes	KDYA	
Ventura	KXSP-1590	becomes	KXFS	"Fiesta 1590"
GA. Metter	WMAC-1360	requests	WHCG	
IL. Johnson City	new-1690	becomes	WHITE	
Shelbyville	WSHY-1560	becomes	WDID	
Taylorville	WTIM-1410	requests	WTHM	
KS. Mission	KCAZ-1480	becomes	KUPN	
KY. Nicholasville	WNVL-1250	requests	WLSS	
PA. Olyphant	WMXH-750	becomes	WAAT	"The Way 750"
TX. Creedmore	KNEZ-1530	requests	KOQA	
Sherman	new-1700	becomes	KTEK	
VA. Orange	WJMA-1340	becomes	WVCV	
WA. Yakima	KGER-930	becomes	KYAK	
WI. Madison	WTDY-1480	becomes	WTDA	
	WAWY-1670	becomes	WTDY	(CP)

SECTION 3:

FORMAT CHANGES:

AZ. Douglas	KAPR-930	was	JRN reg. Mex., now	JRN SS AC
CA. Madera	KHOT-1250	was	SS talk, now	JRN reg. Mex//FM
GA. Dalton	WDAL-1430	was	JRN reg. Mex., now	JRN SS AC
IL. Effingham	WCRA-1090	was	talk, variety, now	nx, talk
Mendota	WGLC-1090	was	country//FM, rptd. silent	(silent to let another station to expand its sig.)
LA. Franklin	KFRA-1390	was	silent, now	gospel
MA. Attleboro	WJYT-1320	was	talk, now	tropical
NE. Hastings	KICS-1550	was	KMEM, JRN stds., now	JRN classic C&W
TX. Houston	KQUE-1230	was	AS, now	classic rock//KKRW
Mineral Wells	KJSA-1140	was	country, SS, now	JRN classic C&W
San Saba	KBAL-1410	was	classic C&W//FM, to be	AS (july)
Uvalde	KVOU-1400	was	country//KYUF, to be	AS (july)
VA. Christianburg	WNNI-1260	was	oldies//WVMJ, rptd. silent	(donated to the Virginia Tech foundation)
WA. Bellevue	KXPA-1540	was	motivational/ethnic, now	ethnic
Forks	KVAC-1490	was	JRN C&W//FM, now	JRN AC//FM
Tacoma	KZTS-1360	was	silent, now	religion

CONSTRUCTION PERMIT ACTIVITY:

GA. Atlanta	WAEC-860	adds	2500-CH, DA-N
PR. San Juan	WKAQ-580	inc.	to 10000/10000 DA-1

FACILITY & PARAMETER APPLICATIONS:

FL. Marianna	WTYS-1340	dec.	to 540/540 ND
NV. Winchester	KZTY-620	dec.	to 330/220 DA-1 (CP)

FACILITY & PARAMETER GRANTS:

CA. Burney	KMCA-1450	dec.	to 260/250 ND
IL. Vernon Hills	WNVN-1030	add	3200-CH, DA-D

Tim Noonan of Madison, WI. (via Pat Martin of Seaside, OR. confirms earlier info on WTDY and WTDA Madison, WI., passes on that 1670 hopes to sign on 'next week (6/22+)' (not on air yet as of 6/29/98-ed).

Curtis McMenamin of Vacaville, CA. and Rich Toebe of Fairfield, CA. confirm earlier info on KDYA-1190 CA., Rich passes on fact that KDYA is using slogan "The Light" and "Vallejo-Oakland-San Francisco" ID's.

Pete Taylor of Tacoma, WA. passes on the following:

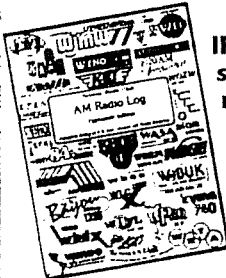
WA. Tacoma KZTS-1360 came back on air 6/25, relaying KGNW-820 Kirkland, WA 4 PM-7 AM PLT and KLFE-1590 Seattle from 7 AM-4 PM PLT. They have also applied for KKMO calls and are putting in new xmtr next 2 mths.

Pete also passes on fact that KLFE-1590's 1680 CP grant won't be on air till 'the beginning of the year (1999)'.

Dale Park of Honolulu, HI. passes on the following:

IA. Cedar Rapids	WMT-600	adds Sat. show "On the House with the Carey Brothers" per 6/20 annmt. on show.
SC. Spartanburg	WSPA-950	adds Sun show "Jim Jorgensen on Money" 6/14 per show.
KY. Pikeville	WPKE-1240	adds "Coast to Coast with Art Bell" 6/1 per show, adds "Dreamland" 6/14 per show.
SC. Charleston	WTMA-1250	adds "John & Ken" show per R&R ad.
PA. McKeesport	WPTT-1360	adds "Radio Free DC with G. Gordon Liddy 6/15 per show, they are ex-WIXZ.
CA. Redding	KQMS-1400	is nx/talk, adds "On The House With The Carey Brothers" per show 6/27.
WA. Walla Walla	KUJ-1420	adds "The Tom Leykis Show" per fan Web page.
IL. Paris	WPRS-1440	adds weeknight show "Online Tonight With David Lawrence" per show 5/28.
KS. Chanute	KKOY-1460	adds "On The House With The Carey Brothers" 6/20 per show.
KY. Elkhorn City	WBPA-1460	adds "Dreamland with Art Bell" 6/14 per show, //WPKE-1240 KY.
PA. Ambridge	WMBA-1460	adds "Online Tonight" per show /28.
HI. Hai'Ku	KUAU-1570	is talk/EZ1/Hawaiian, adds SF Giants baseball (already carries Dodgers).
OK. Pryor	KMYZ-1570	adds Talk America's "Online Tonight" per show 5/28.
CA. Santa Monica	KELA-1580	was full service Korean, to be R. Unica and SS upon sale to R. Unica, still Korean 6/24 (I haven't checked-ed)
FL. Key West	WKWK-1600	adds "Smoke This! with David 'The General' Zeplovitz" 6/20 per show.
TX. Houston	KTEK-1110	bought out by Salem Communications per Radio & Records.
MN. Minneapolis	KYCR-1570	bought out by Salem Communications per Radio & Records.

Wow, a long column this time! A lot of these X-band stations should be coming on the air soon, including 1660-UT., 1670-WI. and 1640-WI., just a matter of time, I guess. Had a nice visit with Chris Knight of Aurora, CO. last Tuesday 6/23 and Thursday 6/25, he was in town here for an HP Training seminar. A few days till the Fourth of July, hope you put a 'spark' into your DX! 73's.



The NRC AM Radio Log, 18th Edition, is compiled from IRCA and NRC members' reports and from official sources so that it is the most accurate listing of AM stations on the market. Cross-referenced, 3-hole punched for standard binders. Only \$16.95 to U. S. and Canadian IRCA members; \$22.95 to U. S. and Canadian non-NRC members. For all: Airmail to Latin America, \$23.50; Europe, \$24.00; rest of the world, \$28.00. Order from: NRC Publications, Dept. I - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax)



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My deadline is the last Wednesday of the month.

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.....

FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
530	TIS	Bob Aldrich, InfoOff	California Energy Comm* 1516 Ninth St., MS-29 Sacramento CA 95814-5512	L		MH
	WNUT422	Illegible, Captain	Los Altos Police Dept 1 N San Antonio Rd Los Altos CA 94022	P	30	MH
	WPJP546	Patricia Jocius, Emergency Services Coord (KB6VLK)	San Mateo Fire Dept 120 S Ellsworth San Mateo CA 94401-3973	P++		MH
590	ZY0700	Galvao Soares, Direc- tor Geral**	Avenida Ene Garcez dos Reis, 830 Bairro San Francisco Boa Vista 69300-00 Roraima, Brasil			EB
640	CBN	Shawn Williams, Mgr, Transmission and Distribution**	P O Box 12010, Station A St Johns NF ALB 3T8			EB
660	KZTU	Scott Thunder, OpsDir	KZTU c/o KPAM 10209 SE Division St #100 Portland OR 97266	F	7	PM
770	KNWX	John W Price, AsstEng	Entercon 1820 Eastlake Ave East Seattle WA 98102-3711	LQ***	8	PM
1080	TIFC	Carlos Rozotto Pied- rasanta, Director Administrativo**	Apartado 2710-1000 San Jose, Costa Rica			EB
1450	WILM	Allan R Loudell, PMgr	1215 French St Wilmington DE 19899-1990	LQBbc	60	TMJ
1610	WNSV220	Christy Winding, Emergency Services Coordinator	City of San Leandro Civic Center 835 East 14th St San Leandro CA 94577	P+	38r	MH
	WNWN392	Paula Reeve, Analyst	City of Saratoga 13777 Fruitvale Ave Saratoga CA 95070	P	38	MH
1620	KYIZ	Frank P Barrow, PD	2600 South Jackson Seattle WA 98144-2499	LB	21	EB
1640	WKSH^^	Todd Naratgon (?), StnMgr/PD	West 223 N 3251 Shady Lane Pewaukee WI 53072	PR	13	TMJ
1650	KGXL		1500 Cotner Ave Los Angeles CA 90025 P O Box 250028 1500 Cotner Ave Los Angeles CA 90025	Q Q	180 81	PM MH

	KKTR^	Elaine Hawkes, AsstCE	P O Box 250028 1500 Cotner Ave Los Angeles CA 90025	F	13	PM
1690	KAYK	Julia Newton, Traffic Manager	730 West Hampden #300 Englewood CO 80110-2121	L	6	PM
		Julia Newton, Admin Asst to GM	730 W Hampden Ave Suite 300 LP Englewood CO 80110-2121		22	TMJ
1700	WCMQ	Ralph Chambers, DirEng, Technical Ops	1001 Ponce de Leon Blvd Miami FL 33134	F	220	HL
		Ralph Chambers, DirEng	1001 Ponce de Leon Blvd Coral Gables FL 33134	FQ	230	RS

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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, by mail, FAX, e-mail, or visit; n = Return postage not used; r = Return postage returned

NOTES: * [for this column] = See comment below; ** [for this column] = Verification for SW but signer and address good for AM; *** [for this column] = QSL card also notes KIRO; ^ [for this column] = Ex-KGXL; ^^ [for this column] = WKSH/WAZI

.....

Nice turnout for a summer column due to all the veries from X-banders! Good to have Eric, Tom, and Henry back with us this month! Mike mentions that the letter from the California Energy Commission TIS on 530 kHz indicates that the Commission is no longer directly involved with the project; he wonders whether anyone has an updated address. This column was prepared on 6/24/98. 73, SSH.

.....

Mr. Mike Sanburn
P.O. Box 1256
Bellflower, California 90707

Dear Mr. Sanburn,

Thank You for your reception report dated December 7, 1996. I am always glad to hear from long distant listeners reporting on our AM signal. Our AM tower is located in Scottsdale, Arizona. The transmitter is a Harris-Gates 5 operating in a shunt feed to the tower. KSLX- AM is simulcast with our FM, KSLX-FM. By the way, I too, have a General Electric Superadio II for monitoring the AM band. It's a great radio!

At this time I regret to say we do not have any bumper sticker or very much in the way of promotion items. I will try to keep you in mind next time there are new bumper sticker printed.

Thank you for listening!

Sincerely,



Gary Jacques
Chief Engineer
KSLX-FM, AM.

IRCA Technical Column

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

An Informal Review of the Harris 590 Solid State Receiver

by John Bryant

Even though, as a receiver collector, I own more serious radios than ought to be legal, I continue to use JRC's NRD-525 as my main DX receiver. My MW/Tropical Band work is almost all done with Beverage antennas, so the 525's IC clock noise that has put off MW loop users has not been a real concern for me. However, the 525 was designed in the early 1980s and is now getting very long in the tooth. I have lusted after the JRC NRD-535 (an under-appreciated receiver) and the 7030, but have held out, so far, to buy a REALLY top of the line radio "someday soon." I've been quietly squirreling away odd bits of cash for the past four years and have spent many pleasurable hours studying Fred Ostermann's wonderfully complete receiver reference, *Shortwave Receivers Past and Present (1942-1997)* to try to identify the absolute best radio for my interests, no matter what the price. Like many of you, I figured that the recent downsizing of the military/intelligence communities would cause some top-drawer receivers to hit the used equipment market soon. After all, the government can't put them all into strategic stockpile, can they? And with paying a used price, maybe I REALLY COULD buy the best radio ever produced! After a lot of study, I focused on the Harris Model 590, known (I've been told) as the current favorite receiver of both the National Security Agency and the CIA. The Harris 590 specs were just what I wanted: .15 μ v. sensitivity, lots of selectable filters and it weighs 45 pounds! I assumed that a modern receiver weighing in at 45 pounds would be built likka tank and shielded from here to eternity.

Well, a couple of months ago, John Reed, a retired Conoco scientist and receiver connoisseur, and Bill Bowers, owner of many of the current best/top of the line sets and my mentor in such, both bought Harris 590s from a very honest and quality-oriented military electronic surplus outfit run by Mike Murphy in El Cajon, CA. The price was \$2200 including a 2" thick manual and a no fault return policy. If you don't like the set, just send it back, with you paying freight both ways.

Soon after Bill got his Harris, I went down to visit and more or less fell even more in love with the set. It is 20" deep and when you pull the dust cover, about all you see is what appear to be cast aluminum isolation boxes... there must be 20 of them. And, at 45 pounds, definitely, my kinda radio... none of this W-J "expensive aluminum lunch box" stuff for ole John! The Harris has REAL push buttons and the controls are silky smooooth. Turning the set ON, via the audio gain control, was an aimed sexual thrill. There was an honest-to-god THUNK when you gave the knob that first twist... There's a REAL switch back there. Running the "Built-In-Test-Equipment" (BITE) test turns the Harris 590 into a flashing-beeping-squealing rectangular R2D2 for about 10 seconds and then up flashes a message on the front panel which says PASSED ALL TESTS, or some-such. That BITE test itself is almost worth the cost... a real entertainment thrill for me, anyway.

The front panel is well laid out and the tuning/programming/memory scheme is fine...a small learning curve, but nothing like the old R-8 or the 7030. I just simply fell in love. My kind of receiver and built to last forever. If there was ever a solid state successor to the Collins R-390A, this is it!

Well, I came home from Bill's, slept on it for a couple of days, meditated on my cash stash and called Mike Murphy. I ordered it, got the Postal Money Orders on the way and waited breathlessly. This whole

(Mike had to get the manual printed up and UPS is very slow on heavy packages, sometimes.) I called my wife every afternoon, wanting to know about deliveries...

FINALLY IT CAME.

Well, I rushed home, carefully disassembled Mike's good packing job and there it was. FINEST KIND! Hauled the thing up stairs, plopped it on the desk, plugged it in and ran BITE twice. Great! I then spent a wonderful two hours with a very excellent manual learning how to run the thing and putting it to the test.

The first negative thing that I noticed was bacon frying at all filter settings... made the 525's very famous hissy audio sound quite nice, actually. Well, heck, no radio is perfect. I decided to do some A-B tests with the old 525 to see what my S2200 had bought me... this would be really fun!

Well, it wasn't. On the tropical bands, listening to a weak broadcasting station out in the open, using either AM Mode or USB, the Harris had more hiss and a poorer S/N ratio than the 525, when the Harris was using a 3.0 kHz filter and the NRD was using its 6 kHz wide filter!!! To make a long story a bit shorter, the Harris 590 that I had was a very hissy one with poor sensitivity, at least from 500 kHz to 5 MHz.

By the way, our three Harris receivers, like a lot now coming on the market, had "selectable" IF filters as follows:

CW: 300 and 1000 Hz. (Bill added a 150 Hz. at \$235)

SSB: 3.2 kHz.,

AM Mode: 16 kHz., 6.0 kHz., and 3.2 kHz.

PLEASE NOTE THAT THE HARRIS 590s FILTERS ARE "SELECTABLE" BUT ONLY WITHIN A PARTICULAR MODE. In other words, if you want to use the 1000 Hz. Filter listed above, and you are in AM mode or one of the sideband modes, you cannot select that filter! The 1000 Hz. Filter (and the 300 Hz.) are ONLY accessible/useable while the receiver is in CW mode! Neither Bill nor I know if you can unsolder the filters and move them physically to the other boards to, say, access them in the AM mode and they are soldered in, too.

After the very disappointing test results in my shack, I decided to visit Bill Bowers again and took along both the Harris 590 and my NRD-525. Bill kindly let me spend about 4 hours in A/B/C listening tests with his radios. I quickly confirmed that his Harris was less hissy than mine, by far, and had a better signal to noise ratio, so I put my Harris away and decided to compare his Harris, his Racal 6793A, his WJ-1000 and my NRD-525. My only concern was reception of weak AM signals on the tropical bands and medium wave in either U/LSB or AM mode.

I rather quickly eliminated the Racal. I tend to slowly scan across the band a lot while DXing and the Racal has a VERY fast tuning rate and a VERY slooow rate and nothing in between.... so for me, the Racal was out, period. Other users and other uses would surely disagree. I then focused on Bill's WJ-1000, his Harris and the NRD 525.

For the A/B/C comparisons, I used the 3.0 kHz filter on the Harris, used the closest filter on the NRD (a 2.8 kHz Collins mechanical) and set the WJ-1000 filters at 3.0 kHz. I tried dozens of signals in the tropical bands and weak signals on medium wave above 1600 kHz., along with the Spanish station on 855 kHz. which was present only as a very weak carrier and the 595 signal from Dominica. The latter two were decent tests of dynamic range as well, with VERY strong adjacent signals. I did not use S-meter readings and simply trusted my ears. I was concerned about intelligibility of the spoken word and not much else. I did NOT take advantage of the almost infinite number of WJ filter width settings... that seemed an unfair comparison.

In every case on tropical bands and on MW, on every signal, the WJ-1000 produced noticeably superior intelligibility of the spoken word... period. Subjectively, the Harris and my NRD-525 were mostly in a tie for distant second... but the WJ was very noticeably superior on every signal and in every instance .. and that without manipulating the filter width. My 525 seemed a bit superior to Bill's Harris, but not by much. The 525 audio was a bit mushy, but the S/N was better and the Harris audio had more bacon on the stove but was a tiny bit more intelligible. Given the choice of having my NRD-525 and keeping my S2200 on the one hand or having my 525 and a Harris 590 but no money on the other. GUESS which one I chose.

Bill Bowers was a bit disgruntled by this whole affair (my NRD 525 is very ratty, having spent far too long in the field) and we decided to do brief comparisons of the WJ and both of the Harris receivers on low frequency, where Bill spends all of his serious radio time. The difference was PHENOMENAL! Even my hissy Harris put the WJ to shame in CW mode on the low frequencies. There was a literal night and day difference. Sooo, if you want to do lower work, the Harris 590 sure seems to be the receiver of choice.

Personally, I love the ergonomics of the WJ-1000, I love its filters and it is clearly the best of these three for what I do.... however, I am much put off by the "overpriced aluminum lunch box" approach that WJ took. I have also heard a number of people that I trust worry aloud about component reliability of the WJ and the fact that the thing does not have modular construction.... It is one big motherboard.

Some people are familiar with my review of the NRD-525 in Proceedings 1988 ("Wastegunner on a 525") You will remember that I had a love/hate relation with that radio then... I still feel the same way. However, this experience has given me new respect for that radio. It has a street value of about \$500 and stayed on the playing field with some pretty fancy radios.

I know that some of the more precision-oriented people reading this article would like to choke me for not running bench sensitivity tests on these radios. I didn't do so because I don't know how to do so, precisely, and I really do trust my ears after more than 30 years of serious listening. I admit that I am baffled by the Harris' poor performance. The manufacturer lists a sensitivity of 0.15 microvolt... but please note that sensitivity is measured in CW and is specified as above 1.8 MHz.

I know for sure that I'll never buy a serious used radio by mail, etc., without a "no questions asked" return policy like Mike Murphy's. I was VERY lucky to be dealing with Mike and I strongly recommend his place of business. He is a straight shooter and handles only the best surplus goods. Bill, John Reed and I have been awfully well treated by Mike. He doesn't advertise, but develops lists of his stock and then e-mails or faxes them, on request, to potential customers.

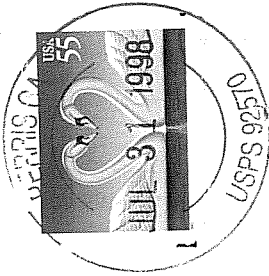
Well, that is it.. I so much wanted to keep the Harris 590. It appeals to all of my prejudices, heavily built, heavily shielded, the finest components that money can buy, a full size front panel, etc. The darn thing just won't hear weak AM stations between 500 kHz and 5 MHz very well, unfortunately, at least judging from these two samples.

The newest edition of Fred Osterman's book, *Shortwave Receivers, Past and Present (1942-1997)* may be ordered from his firm, Universal Radio <www.universal-radio.com> at 1-800-431-3939 (orders) or 614-866-4267.

Mike Murphy's e-mail address is <murphy@cts.com> or Murphy's Electronic and Industrial Surplus Warehouse, 401 N. Johnson Ave., El Cajon, CA, 92020, ph: 619-444-7717.

--Has anybody tried the ICOM IC R-8500 table top receiver? Its specs seem to place it somewhere between the R-72 and R-71, leaning towards the R-72. Its most striking feature is its ability to tune 100 kHz to 2000 MHz, but that leads one to wonder whether there are any drawbacks to its use in the lower part of its frequency range.

--The new DSP based receiver from JRC, the NRD-545, was reviewed in the April 1998 Medium Wave News. The reviewer, Karen Milliken, felt that it was a better "ham receiver" than the previous JRC communications receivers, but that it required some adjustment to get the best audio. The audio quality was comparable to that of the Watkins-Johnson HF-1000, but crisper. Using the AM synchronous detector locks out the use of a number of controls unfortunately, including AGC decay and bandwidth, as well as the noise reduction and beat cancelling modes. Milliken preferred using ECSS mode for AM, as the automatic bandwidth selection in synchronous detection was too wide for DXing. AGC timing is also fixed in all AM modes, and the reviewer felt that the timing was too fast. When using noise reduction, the audio becomes very artificial sounding, but signal readability, if not listening comfort, is improved. In general, the variety of bandwidths available and the passband tuning control were found to be the most impressive features of the radio.



FIRST CLASS MAIL

36-04
LEE FRESHWATER
414 SE 3rd ST
OCALA FL 34471
USA

THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)
PO Box 1831 Perris CA 92572-1831

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1720 kHz). **DX Monitor**, the official publication of the IRCA, is published 30 times a year, weekly from October to February, twice in September and March, and monthly from April to August. **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.

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