



June 21, 1997 - Volume 34 - Number 28 - Edition 1121 - ISSN 899 - 9733

LATE DXM: DXM #28 was late because the old publisher suffered a heart attack on June 11th. So I spent my birthday, flag day and fathers day in the hospital. Things are better now, but some changes had to be made. Will try to keep some type of schedule with the DX Monitor.....

IN THIS ISSUE: Broadcasting Information..2, DX Worldwide II..9, DX Worldwide West..14, Western DX Roundup..15, Central DX Roundup..19, IRCA Contest Standings..20, Eastern DX Roundup..20, Western DX Forum..22, Eastern DX Forum..23, Verification Signers..24, IRCA Technical Column..26 & 29. Back Page..Club & Officers Addresses.....

NEW: Edwin Klingman Box Elder SD. REJOIN: Danny Dankert of Tustin CA, Scott Pierce of Tucson AZ. RENEWALS: Sam McKee of Decatur IL, Michael Bitner of Palos Verdes Peninsula CA, G Dewaine Anderson of Roseburg OR, Pete Taylor of Tacoma WA, Cary Simpson of Tyrone PA, Wilhelm Herbst of Denmark, Michael Stonebridge of Fox Creek Canada, David Owens of Lemon Grove CA. Welcome to Edwin and Welcome Back Danny and Scott. Thank You All Very Much for your support, you make it go.....

IRCA MEXICAN LOG - 4th EDITION: The IRCA is proud to announce the release of the 4th edition of its MEXICAN LOG. The IRCA MEXICAN LOG log lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. In addition, stations that have changed frequency since 1990 are cross-referenced on the old frequency. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The log has been completely updated from the 1994 edition and carefully cross-checked by IRCA members in Mexico and the US. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11" and three hole punched for easy binding (optional).

Prices: IRCA/NRC members - \$6.50 (US/Canada/Mexico/seamail), \$7.50 (rest of the Americas airmail), \$8.00 (Europe/Asia airmail), \$8.50 (Australia/New Zealand airmail). Non-members: add \$2.00 to the above prices. Order from: IRCA Bookstore, 9705 Mary NW, Seattle WA 98117.

**Election Results
1997-99 Board of Directors Chairman**

In conformance with Article III, Section 6 of the IRCA Bylaws, the new Board of Directors have been polled as to their selection of a Chairman. Past Board member and Chair, **Larry Godwin**, has been selected by a 5 to 2 vote for another term as Chairman.

Election results certified as complete and accurate this 27th day of May, 1997:


Reid C. Wheeler, FCC

BROADCASTING INFORMATION



EDITOR: ROBERT WIEN
1309 DENTWOOD DRIVE
SAN JOSE, CA. 95118-3020
PHONE: 408-265-5686
E-MAIL; RJWMAIL@WEBTV.NET

DEADLINES: 2nd & 4th Saturdays.

Compiled: 5/24/97

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

NEW STATION APPLICATIONS:

MN. Sauk Rapids 800 khz. 2600/850 DA-2

NEW STATION GRANTS:

ID. Rupert 1340 khz. 1000/1000 ND

CONSTRUCTION PERMIT ACTIVITY:

CO. Aurora KEZW-1430 inc. to 10000-D, DA-N
NJ. Vineland WMJZ-1270 changes to 360/210 DA-2
NY. Canandaigua WCGR-1550 moves to 1310 khz., 1000/1000 DA-2
Elmira Heights WEHH-1590 inc. to 460 DA-N
TN. Kingsport WKCV-1090 inc. to 1800-CH, ND-D
TX. Port Lavaca KILE-1560 inc. to 800 w.
PQ. Drummondville CHR-1480 moves to 105.3 FM

FACILITY & PARAMETER APPLICATIONS:

IL. Loves Park WLUV-1520 inc. to 1000-D, ND
MI. Detroit WWJ-950 inc. to 12000/50000 DA-2
NY. East Syracuse WSIV-1540 move to 670 khz., 1500-D, ND
TX. Houston KEYH-850 add 185-N, DA-2
UT. Ogden KLO-1430 inc. to 10000-D, DA-2

FACILITY & PARAMETER GRANTS:

NM. Albuquerque KHTL-920 dec. to 570 w., DA-N
NY. Corning WCLI-1450 dec. to 930-N, ND
TX. Houston KXYZ-1320 inc. to 5400/5400 DA-N

CALL LETTER CHANGES:

CA. Salinas KHTX-1460 becomes KDON
GA. Warner Robins WITK-1600 becomes WNML
KY. Florence WKYN-1160 requests WBOB "Bob"
OR. West Klamath KWSA-1070 becomes KRAM
PA. Columbia WNZT-1580 requests WVZN "Vision"
VA. Galax WBOB-1360 requests WWWJ

FORMAT CHANGES (SECTION 1):

AL. Dothan	WGZS-700	was black gospel, now MGX Cont Xtian // WIZB
CA. Ventura	KXSP-1590	was SS oldies, now rancho
FL. Marianna	WTYS-1340	was talk, rptd. silent
GA. Griffin	WKEU-1450	was nx, talk, AC, now nx/talk, WWI oldies
IN. Brazil	WSDM-1130	was silent, now talk
Muncie	WERK-990	was country//FM, adds Radio 1 C&W//FM
KY. Madisonville	WTTL-1310	was AC, talk, sports, adds Sports Byline
ME. Machias	WALZ-1400	was silent, now AC
MA. Lowell	WLLH-1400	was stds/tropical, adds jazz overnite
Ware	WARE-1250	was country//WQVR, now WWI AS
NM. Hobbs	KUCU-1390	was silent, now classic country
NY. Canandaigua	WCGR-1310	was AS, now soft AC
OR. Coquille	KWRO-630	was talk, adds nx (sim. of cable TV's NW Cable Nx)
PA. Chambersburg	WCBG-1590	was AS, now nx/talk/sports (CNN Head-line nx, DR. Laura, Sports Babe)
Coatesville	WCOJ-1420	was soft AC, now oldies
Columbia	WNZT-1580	was silent, to be WVZN, variety (5/19)
Lancaster	WLAN-1390	was AS, adds WWI AS
Lehighton	WYNS-1160	was oldies, now country
Lewisburg	WTGC-1010	was rock//WKXR, rptd. silent
South Williamsp.	WFXX-1450	wa sports, rptd. silent (tech. probl.)
Strousburg	WVPO-840	was AC, talk, now AS
SC. Belton	WHPB-1390	was silent, now black gospel
Greenwood	WCRS-1450	was stds., talk, adds WWI stds.
SD. Rapid City	KOTA-1380	was nx, talk, adds Sports Byline
TN. Milan	WKBJ-1600	was urban, now WWI country//WVHR
Somerville	WSTN-1410	was silent, now cont. Xtian, blk gosp.
TX. Atlanta	KALT-900	was silent, now talk, reach s. gospel (sim. KPYN)
Bellaire	KILE-1560	was SS, now brokered ethnic
Pasadena	KLVJ-1480	was brokered ethnic, now tropical
WA. Toppenish	KENE-1490	was country, adds Branson country

FORMAT CHANGES (SECTION 2):

AL. Huntsville	WTKI-1450	was talk, adds Fan sports
Tuscaloosa	WTSK-790	was gospel, R&B oldies, now blk gospel
Valley Head	WQRX-870	was country, now soft AC "RX-870"
AK. Fairbanks	KCBF-820	was talk, now WWI oldies (keeps Swap Shop program 9 AM-noon)
CA. San Diego	KSDO-1130	was nx, talk, now financial nx, talk
San Mateo	KOFY-1050	was regional Mex, to be sports (July)
FL. Chattahoochee	WTCL-1580	was silent, now talk, urban
Ft. Lauderdale	WSRF-1580	was brokered ethnic, now entert. nx
IN. Evansville	WEOA-1400	was WJPS, oldies//F, now ABC urban AC
MI. Iron Mountain	WMIQ-1450	was stds, talk, now talk
NY. Elmira	WELM-1410	was sports, adds 1 on 1 sports (drops morning show while adding 1 on 1)
NC. Murfreesboro	WWDR-1080	was black gospel, now Prime sports
TN. Shelbyville	WZNG-1400	was silent, now Branson country
TX. Abilene	KEAN-1280	was country//FM, now sports (Sports Fan, ESPN)
Conroe	KCHC-1140	was country, now black gospel
Denton	KINF-1440	was SS talk, now SS religion
Fort Worth	KTNO-1540	was SS religion, now ABC motivational
Jasper	KTJX-1350	was talk, stds., now talk, nx
Nacogdoches	KSFA-860	was urban, black gospel, now nx//KEEE
Uvalde	KVOU-1400	was country, SS, now jsn country//KYUF

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

WA Silverdale KITZ-1400 noted silent 4/28, phone msg. says
"KITZ has concluded its broadcast
operation. If you'd like to leave a
message..."

Ye editor and Gary Jackson of Sacramento, CA. pass on the following
tip:

CA. "San Mateo Cty" 840 khz. new Caltrans station on air, don't
know address yet...

Ye editor passes on the following tips:

CA. San Jose KKSJ-1370 changing from nostalgia to all
foreign language format 5/30

CA. San Francisco KPIX-1550 changing from nx/talk to country
5/30, rumor is they'll sim. KYCY-FM

NV. Reno KPTT-1450 noted back on air ex-silent, uses
slogan "The Parrot", ex-KOZZ, now
sports talk.

Heading up to Reno tomorrow for Memorial Day Weekend, hope no
one gets the June DX Swoon! 73's.

DEADLINES: 2nd & 4th Saturdays.

Compiled: 6/27/97

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

CONSTRUCTION PERMIT ACTIVITY:

AL. Albertville	WXBK-1090 dec. to 500-D, ND
IA. Atlantic	KJAN-1220 dec. to 178/62 ND
MD. Brunswick	WTRI-1520 inc. to 9300-D, 1400-CH, DA-D
MA. Natick	WJLT-1060 dec. to 500-D, ND
NV. Las Vegas	KENO-1460 now 10000/625 DA
NY. Cornwall-On-Huds	WWLE-1170 dec. to 800-D, DA
ND. Bismarck	KEMR-1130 dec. to 10000-D, ND
TX. Lampasas	KCYL-1450 dec. to 800/800
UT. Tooele	KTUR-1010 inc. to 50000/13, 3100-CH
WV. Hurricane	WOKU-1080 dec. to 1000-D, ND
PQ. La Sarre	CKLS-1240 move to 102.1 FM

FACILITY & PARAMETER APPLICATIONS:

PA. Doylestown	WBUX-1570 dec. to 900-N (CP)
SC. Easley	WRAH-1360 inc. to 5000-D, ND
TX. Cleburne	KCLE-1120 move to 1140 khz. 875/740 DA-2

FACILITY & PARAMETER GRANTS:

CO. Arvada	KQXI-1550 inc. to 4750-N, DA
KY. Glasgow	WCDS-1440 dec. to 425-D, ND
NC. Fairview	WZTY-880 dec. to 350-D, ND (CP)
TX. Diboll	KSML-1260 inc. to 1800/72 ND

CALL LETTER CHANGES:

CA. Sacramento	KMJI-1380 becomes KTKZ
CO. Pagosa Springs	KPAG-1400 becomes KWUF
FL. Pompano Beach	WRBD-1470 becomes WNNN
	WNNN-980 becomes WHSR
IL. Chicago	WEJM-950 requests WDBI
NJ. Atlantic City	WUSS-1490 becomes WGYM
OK. Anadarko	KRPT-850 becomes KJON

PA. Columbia WNZT-1580 becomes WVZN
 ON. Toronto CKYC-1430 becomes CHKT

FORMAT CHANGES (SECTION 1):

AK. Eagle River KFFR-1020 was all weather, now sports
 Kenai KZXX-980 was classic rock, now cont. Xtian
 AZ. Holbrook KDJI-1270 was JSN oldies, talk, now JSN oldies
 Sierra Vista KNXN-1470 was CHR, talk, now regional Mexican
 AR. Jonesboro KBTM-1230 was nx, talk, adds sports (local sports
 talk show, Pete Rose afternoon drive)
 CA. Watsonville KOMY-1340 was silent, now talk//KSCO
 CO. Denver KBNO-1220 was SS, adds JSN regional Mexican
 FL. Jacksonville WOB5-1530 was urban AC, reported silent
 Largo WZTM-820 was sports, adds Ron & Ron, Sports Babe
 Leesburg WLBE-790 was AS, adds talk
 Mount Dora WNTF-1580 was nx, talk, now talk//WPGS
 Pensacola WVTJ-610 was s. gospel, adds talk
 Pompano Beach WHSR-980 was WNNN, talk, now brokered ethnic
 Stuart WSTU-1450 was oldies, now finance, health talk
 GA. Claxton WCLA-1470 was silent, now black gospel
 HI. Honolulu KOHO-1170 was dance CHR, rptd. silent (back this
 summer)
 IL. Carbondale WCIL-1020 was nx, now nx/talk //WPJF
 KY. Grayson WGOH-1370 was country, adds JSN country
 Hazard WOXY-1560 was JSN AC//WKCB-FM, now JSN oldies
 Mount Vernon WRVK-1460 was talk, C&W, adds Branson country
 LA. Hammond WFPR-1400 was talk, C&W//WHMD, now talk, JSN
 classic C&W
 NM. Gallup KGAK-1330 was nx/talk, Navajo, adds sports
 OK. Anadarko KJON-850 was KRPT, country//FM, now sports
 (Sports Babe, 1 on 1 sports)
 RI. West Warwick WHIM-1450 was country, adds JSN classic C&W
 SD. Rapid City KIMM-1150 was talk, now JSN classic C&W
 TX. Jasper KTXJ-1350 was talk, stds., now nx/talk
 Mineral Wells KJSA-1140 was talk, SS, now C&W, SS
 Sulphur Springs KSST-1230 was country, now classic C&W, stds.
 Texarkana KHSP-1400 was religion, talk, now MGX cont. Xtian
 UT. Murray KMGR-1230 was SS contemp., rptd. silent
 Tooele KTUR-1010 was SS contemp., now AP nx
 AB. Taber CKTA-1570 was country, now oldies

FORMAT CHANGES (SECTION 2):

CA. Lompoc KTME-1410 was oldies/classical, now ABC oldies
 (classical Mondays 8-9 PM)
 San Francisco KPIX-1550 was talk//FM, now country//KYCY (keeps
 Imus, sim. KYCY rest of day)
 San Jose KKSJ-1370 was AS, now brokered ethnic (simulcasts
 KEST-1450 part of night-ed.)
 CT. Middletown WMRD-1150 was gold AC, talk, drops talk
 KY. Fort Campbell WABD-1370 was rptd. sports, remains urban
 Manchester WWXL-1450 was cont. Xtian//WNLN, rptd. silent
 (expects to return mid-June)
 Munfordville WLOC-1150 was AC//WLRS, now modern rock//WLRS
 Stanford WRLS-1520 was cont, Xtian, now JSN CD C&W//FM
 NM. Gallup KGAK-1330 was nx, talk, ethnic, adds sports talk
 (Sportsamerica Radio network)
 NY. Saratoga Springs WKAJ-900 was oldies//WCKM-FM, now AS
 NC. Tarboro WCPS-760 was AC, talk, now nx, talk (sim. nx/talk
 WPTF drive times, carries Dr. Laura,
 Rush)
 OH. Cleveland WKNR-1220 was sports, adds Imus
 UT. Provo KSRR-1400 was talk, stds., now soft AC
 VA. Bassett WCBX-900 was silent, now oldies
 WA. Seattle KRPM-1090 was dance AC//KBKS, now hot AC//KBKS
 "Kiss 106.1"
 BC. Victoria CJVI-900 was oldies, now nx/talk
 YT. Whitehorse CKRW-610 was AC, now CHR

Charles Bernth of Eastport, NY. confirms earlier information on WGYM-1490 NJ. In addition, he mentions they are now Prime sports, using ID "Sportsradio 1490" and he hrd. promo f/ESPN pgm.

Eric Bueneman of Hazelwood, MO. sends in the following tips:

IL. Carthage	WCAZ-990	rptd. silent, still on air w/C&W
Litchfield	WSMI-1540	was C&W//WSMI-Fm, now classic C&W
MO. Jefferson City	KLIK-950	was C&W, now classic C&W "Click"
St. Louis	KATZ-1600	was R&B oldies, now urban gospel "Gospel 1600"

Herbert Newberry of Newborn, GA. passes on the following tips:

GA. Marietta	WFOM-1230	was religious, now nx/traffic/wx "Info 1230", updates nx each 5 min.
Atlanta	WGST-640	adds Art Bell overnight, changing to all-conservative talk format, Rush Limbaugh 12-3 ELT, now using slogan "Planet Radio, Talk Radio for Busy People".

Ye editor confirms earlier info on KPIX-1550 and KKSJ-1370. Per call to KPIX-1550, they have no plans at this point on changing calls to KYCY-AM. KPIX-FM 95.7 is currently simulcasting WTMX-101.9 Skokie, IL. and has changed calls to KOYT-FM...

I'm heading on a trip to Massachussetts on Tuesday, DX should be interesting in the NE, see what I hear! 73's.

DEADLINES: 2nd & 4th Saturdays.

Compiled: 6/21/97

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

NEW STATION APPLICATIONS:

NY. Waddington	670 khz.	10000/1500 (6500-CH) DA-N
TX. Atlanta	1610 khz.	10000/1000
WY. Casper	1400 khz.	1000/1000 ND

CONSTRUCTION PERMIT ACTIVITY:

CA. Lancaster	KAVL-610	inc. to 4900/4000
IL. Evanston	WONX-1590	inc. to 3500-D, DA-2
MN. Golden Valley	KYCR-1570	inc. to 3800/230
NY. Batavia	WBTA-1490	inc. to 1000/710
TN. Alcoa	WBCR-1470	dec. to 956/82
UT. Tooele	KTUR-1010	inc. to 50000/13, 3100-CH, ND
ON. Blind River	CKNR-1340	moves to 94.1 FM
PQ. Cabano	CJAF-1240	moves to 98.3 FM
St. Anne Des Mts	CJMC-1490	moves to 100.3 FM

FACILITY & PARAMETER APPLICATIONS:

FL. Temple Terrace	WIMP-1150	dec. to 500-N, DA-2
PA. Harrisburg	WKBO-1230	dec. to 520/520 ND
VI. Frederiksted	WRRR-1290	inc. to 10000/4000 DA-2

FACILITY & PARAMETER GRANTS:

MI. Frankenmuth	WJZZ-1210	inc. to 50000-D, 2500-CH, ND-D
NC. Morganton	WMNC-1430	dec. to 2750/460 ND
UT. Ogden	KLO-1430	inc. to 10000-D, DA-2
VA. Colonial Heights	WZOD-1290	inc. to 25000-D, ND
WI. River Falls	WEVR-1550	dec. to 920-D, ND

CALL LETTER CHANGES:

AL. Fort Payne	WFPA-1400	becomes WMXN "Mix 101.7"
IN. Evansville	WJPS-1400	becomes WEOA
KY. Louisville	WAVG-970	requests WLKY
MD. Indian Head	WNIL-1030	requests WWGB
NY. Watertown	WCIZ-1410	becomes WUZZ
NC. Charlotte	WBAV-1600	becomes WGIV
SC. Clemson	WCCP-1560	becomes WAHT
Darlington	WDZS-1350	becomes WDAR
TX. Houston	KNUZ-1230	becomes KQUE "K-Q"
VA. Bluefield	WHYS-1190	becomes WBDY
Galax	WBOB-1360	becomes WWVJ "3-WJ"
WI. Milwaukee	WLZR-1350	becomes WJYI "Joy 1340"

FORMAT CHANGES (SECTION 1):

AZ. Cave Creek	KCCF-1100	is new, to be MOR, mix of stds., oldies, smooth jazz, AC) (late June)
CA. Quincy	KPCO-1370	was country, reported silent
Vallejo	KXBT-1190	was R&B gold//KXBT-EB, now ethnic (all Vietnamese language) (note: KXBT has moved to 1640 from 1630 effective 6/13-ed)
GA. Marietta	WFOM-1230	was religion, now all news "Info 1230"
IL. Chicago	WEJM-950	was urban//FM, remains FM (temporary)
Edwardsville	WRYT-1080	was talk, stds., now religion
IN. Brazil	WSDM-1130	was silent, now talk
Hammond	WJOB-1230	was talk, stds., adds FAN sports (6 PM-midnight)
KY. Louisville	WLKY-970	was WAVG, AS, now AP-nx (mix of AP, and sim. of TV newscasts)
MA. Boston	WNFT-1150	was country//WKLB-FM, now rock//WAAF
MO. Willow Springs	KUKU-1330	was oldies//FM, adds JSN oldies//FM
NC. Mint Hill	WNOW-1030	was religion, adds SS (noon-3 PM, 6 PM to signoff)
OH. Lima	WCIT-940	was nx, talk, now urban //WLJM
Lorain	WRRG-1380	was gospel, SS, now variety//WELW (still broadcasts SS at night)
Wilmington	WKFI-1090	was talk, now JSN classic country
PA. Portage	WZGO-1470	was oldies//FM, adds JSN oldies//FM
SC. Darlington	WDAR-1350	was WZS, silent, now country//WDAR-FM
WI. Hudson	WMIN-740	was JSN AS, now JSN classic country
Hudson	WDGY-630	was oldies, adds WW1 talk (Imus, Liddy, Don & Mike)
Milwaukee	WJYI-1340	was WLZR, rock//FM, now TWM cont. Xtian
WY. Buffalo	KBBS-1450	was country, now oldies
ON. Blind River	CJNR-730	was AC//CKNR, rptd. silent
Espanola	CKNS-930	was AC//CKNR, rptd. silent (note: with CKNR's move to FM, their FM signal now reaches both CJNR and CKNS's coverage area)

FORMAT CHANGES (SECTION 2):

CA. Oakhurst	KTNS-1090	was JSN country, to be JSN oldies
FL. Arcadia	WKGF-1480	was cont. Xtian//WWRZ, now talk (Salem, USA, WOR radio network)
IN. Jeffersonville	WXVW-1450	was AS, adds ABC stds.
NM. Santa Fe	KNMX-540	was SS, adds country, talk (talk noon-1 PM, country 1 PM-sunset)
NY. Malone	WICY-1490	was AC, adds ABC AC
NC. Black Mountain	WTZK-1350	was talk, adds Gary Burbank
Fairview	WTZY-880	is new, to be talk//WTZK (June)
Mebane	WGSB-1060	was silent, now cont Xtian//WRTF
Reidsville	WREV-1220	was country, now regional Mexican
Winston-Salem	WSMX-1500	was s. & blk gospel, now trad. gospel

FORMAT CHANGES (SECTION 2, CONT.):

PR. Bayamon WRSJ-1560 was EE nx/talk, now SS religion
SD. Aberdeen KKAA-1560 was ABC C&W, talk, now ABC Real C&W, t1k
TN. Alcoa WBCR-1470 was talk, now gospel
Jellico WJJT-1540 was s. gospel, adds Reach s. gospel
South Pittsburg WEPG-910 was oldies, now WWI 70's oldies
TX. Balch Springs KSKY-660 was religion, adds SS religion (11
PM-6 AM)
Beeville KIBL-1490 was country, now SS con. Xtian//KUBR
Kermit KERB-600 was reg. Mex.//FM, now SS con. Xtian//
KUBR
VT. Rutland WSYB-1380 was talk, adds Gary Burbank
VI. Frederiksted WRRR-1290 was talk, now variety "The Reef" (ca-
lypso, reggae, talk, country, R&B)
BC. Parkville CKCI-1350 was soft AC, now oldies

Dave Gordon of Los Altos, CA. confirms earlier info on KXBT-1640.

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

IL. Edwardsville WRYT-1080 was talk, now ETWN Catholic "Faith
Foundation Radio"

Pat Martin of Seaside, OR. passes on the following info:

BCN. Tiajuana XENVA-2-980 new station on air 500/100

Pat also says new stations coming to Tiajuana on 1630 and to
Mexicali on 1690 khz..

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

WA. Puyallup KKBY-1450 currently silent
WA. Everett KWYZ-1230 currently silent

Gary Jackson of Sacramento, CA. passes on the following info:

CA. Santa Cruz WPIJ667-840 on air, TIS, 10 watts
San Rafael WPBW721-840 on air, TIS, 10 watts

Address for both of these is:

Ken Tam c/o Caltrans, 111 Grand Ave., Oakland, CA. 94612

Tim Noonan of Madison, WI. passes on the following info:

IL. Freeport WBRL-1570 noted w/AC //WFPS-92.1, no call
change noted.

South Beloit WBEL-1380 still note dw/AC vice ABC Stardust
as before, still talk at times

WI. Sun Prairie WNNC-1190 is religious, //WNNC-102.5 w/e only

Wisconsin Dells WNNO-900 has changed to Prime Sports, first
noted 6/16, no longer //WNNO-106.9

Tim also confirms earlier info on WLZR-1340 now becoming WJYI.

Thanks, everyone! My trip to Massachussetts was fine, heard some
interesting things. 2 weeks till 4th of July, today is the first
day of summer! 73's.



DX WORLDWIDE II

Bruce Portzer, Editor

6546 19th Avenue NE, Seattle WA 98115

BPortzer@brigadoon.com (206)522-2521

Greetings. I hope everybody is enjoying the summer. Things here have been pretty busy thanks to 12-18 hour workdays, but fortunately the pace has settled down and life is now back to normal (if there is such a thing, hi). Here's the latest news from around the world.

LATIN AMERICA

ARGENTINA: R Cultura 1610 retransmits R Lanus FM88.1, R Esperanza is testing on 1650 [Arctic]

BOLIVIA: CP30-970 has been inactive since 1/1/97, someone accidentally spilled Champagne into the mixing board during their new year's celebration! FM & SW are still on the air [Arctic]

CHILE: Radio Tepual, 1590 MW, Puerto Montt, X Region south of Chile, is being hrd on harmonic of 3.180,85 [Lopez, Hard-core DX]

COLOMBIA: HJCZ-690 now R Recuerdos, HJPA-1110 now 5/1kw, HJVH-1460 now Radio Uno HJSQ-1580 now RCN [Arctic]

COSTA RICA: I recently discovered a good web site listing all the AM and FM stations in Costa Rica. It includes information such as frequency, addresses, power, coverage, and programming for each station. The address is <http://www.elparaiso.com/canara>. [Portzer]

MÉXICO: Here is a list of potential stations in the expanded part of the AM band. The list came from the FCC's list of AM stations in the Western Hemisphere, widely circulated on the internet as Werner Funkenhauser's Whamlog. I assume the information originated as information exchanged between the FCC and their Mexican counterpart. All stations are listed as 10kw day, 1kw night, non directional. There is no indication of whether these would be new stations or changes to existing stations, and no indication of when they might come on the air. The abbreviations for the states should be similar to those in the WRTH.

1610 Ojinaga Ch
1610 Nogales So
1620 Ciudad Juarez Ch
1620 Anahvac NI
1620 San Luis Rio So
1630 Tijuana Bn
1630 Ciudad Acuña Ci
1630 Matamoros Ta
1650 Guerrero Ci

1650 Puerto Peñasco So
1660 Agua Prieta So
1670 Janos Ch
1670 Reynosa Ta
1680 Piedras Negras Ci
1680 Heroica Caborca So
1690 Mexicali Bn
1690 Manuel Benavides Ch
1690 Nuevo Laredo Ta
1700 Tecate Bn
1700 Praxedis Guerrero Ch
1700 Ocampo Ci

ST PIERRE & MIQUELON: RFO-1375 has local pgms 0930-0100 weekdays, 1000-0100 weekends, otherwise 24 hr relay of France-Inter [MediDX]

TRANS PACIFIC

ALASKA: KSDP-840 & KABN-830 now relay NOAA weather [FMedia via Rich Toebe]

AUSTRALIA: The Sydney station on 1683 is Radio Club AM; Greek programming, currently 25 watts with plans for 400 [DXC] Radio Lebanon 2ME-1638 plans a synchro in Melbourne with 400 watts and a separate station in Newcastle on 1620 [DXC]

HAWAII: KHLO-850-Hilo has been off the air since high winds blew down its antenna in March. It's expected to return to the air in early June. [Godwin]

KOREA, NORTH: Hwadae-801 has been heard by DU DXers on 804 & 799 [NZDXT] 3025 kHz Young Soldiers Being St has been reactivated. Noted in Japan 1530-1630 not //1615 (separate programs of similar contents are aired simultaneously). Endless war drama, patriotic songs, soldiers shouting "Long live Comrade Kim Il Sung!" etc. This stn had not been heard on this freq for quite some time. [Ashimori, Cumbre DX]

While the activity of Frontline Soldier Radio remains irregular on the 3 frequencies (1616, 2625, 3025), further monitoring has revealed that the station, when it's on, broadcasts almost always 1400-2000. There is no IS, but ID ("Chonyun Chobyondurul wihan Bangsong innida.") is heard more regularly than before, especially about 30 +/-3 min. past the hour, followed by the station's theme music, as well as at s/on and s/off. Programs on the 3 channels are always separate, even when they are all on, although very similar programs such as different commentaries read by the same

announcer are often heard simultaneously. Frequent brownouts still interrupt transmissions on all channels. 1616 has been noted drifting as far down as 1612.

[Ashimori, Hard-core DX]

KOREA, SOUTH: South Korea's KBS Radio One has a powerful signal on 1602 kHz, apparently in an effort to interfere. South Korea routinely allocates high-power KBS signals on AM channels adjacent to North Korea's. [Ashimori, Hard-core DX]

NEPAL: Radio Nepal has launched a new service on the internet. The listeners can now hear Nepali nx at 1315 UTC and English nxs at 1415. For the time being, news items up to 3 days old can be retrieved and heard through the computer. Radio Nepal can be found at this internet address: <http://www.catmando.com/news/radio-nepal/radiop.htm> [AGDX] (I've checked it out and it's pretty interesting and extensive, will Bhutan be next? bp)

NEW ZEALAND: Sports Radio 1377 in Dunedin is new and probably temporary with 2.5kw when Parliament is in session on 4YC-900 [DXC] Coast Access Radio 1512 in Waikanae is new with 300 watts [DXC/NZDXT] BOP Talk Radio 1512 is off the air [DXC/NZDXT]

RUSSIA: Radio OK 1476 Vladivostok is using the 1000kw xr 0100-1000 & is well hrd throughout NE Asia [Arctic]

VIETNAM: R France International pgms are aired on 684 20-2100 lt (no lang given) & on 1296 2200-2300 lt in Vietnamese & 2300-2400 in French [Arctic]

TRANS ATLANTIC

ALBANIA: UNID Albanian transmitter has returned to 850kHz (variable frequency) [Buchanan,MWC] R Tirana is on 1215 kHz 2100 UTC in English, replacing 1395, which now suffers co-channel Dutch QRM. 1215 has co-channel interference from Virgin Radio. [Wojtek Zaremba, WWDXC] (European DXers have reported the absence of 1395 Albania lately, it's not clear whether this is due to civil unrest or an agreement with the Dutch station. bp)

ALGERIA: List of active MW stations via Medi DX, with location, power and network

153 RTA Bechar	1000 Net 1
198 RTA Ouargla	1000 Net 1
252 RTA-Radio Argel Int	1500 Net 3/Int
531 RTA Ain al Beida	600 Net 1
549 RTA Les Trembles	600 Net 1
576 RTA Bechar	400 Net 1
666 RTA Tindouf	5 Net 1
693 RTA Ain al Hammam	5 Net 2
693 RTA Reganne	5 Net 1
738 RTA Ain-Amenas	5 Net 1
783 RTA Djanet	5 Net 1
837 RTA Ben Abbas	5 Net 1
873 RTA Ghardaia	5 Net 1
891 RTA Alger	600 Net 1

909 RTA Tamanrasset	5 Net 1
927 RTA Timimoun	5 Net 1
981 RTA Alger	600 Net 1
1026 RTA Hassi Messaoud	5 Net 1
1089 RTA Adrar	5 Net 1
1098 RTA Ouargla	5 Net 1
1161 RTA Ain Salah	5 Net 1
1287 RTA Timimoun	5 Net 1
1305 RTA Constantine	20 Net 3
1422 RTA Alger	50 Net 3
1422 RTA Constantine	10 Cultural Sce
1544 VOZ DE LA RASD Tindouf	250 Arab/Spanish

AUSTRIA: Radio Austria International is now using the 1476 channel. Logged in English 2230-2300 // SW 5945/6155. Not particularly strong in the UK [Whitt MWC] After more than two years Austria Radio (ORF - Oesterreichischer Rundfunk) resumes broadcasting on 1476, with 60kW from Vienna-Bisamberg as of 3/21. The daily transmissions (1700-2300 UTC) consist of relays of "Oesterreich 1", the Home Service news, information & culture channel;- "Radio 1476", open access/educational radio: programs provided by free radio groups, students, journalistic schools etc.; but under the auspices and responsibility of ORF (due to restrictions in the current broadcast law);- relay of "Radio Austria International", German and English services (2200-2300), with "Intermedia" on Fridays. ("Intermedia" is the new name of RAI's media magazine "Kurzwellen-Panorama".) This is a low-budget test, and reception reports helping to establish the range of transmission and quality of signal will be welcome. Useful reports will be honored with a special limited edition QSL. [Wolf Harranth Host, Kurzwellen-Panorama/Intermedia]

FRANCE: Radio Bleue in France has begun broadcasting in AM stereo. This is apparently the first station on the European continent using the C-Quam standard of Motorola. It's not certain if all Radio Bleue xrs are broadcasting in AM stereo now, but they definitely run AM stereo on their 864 khz transmitter in Paris. This xr has a power of 300 kw. [Visser, MWC]

GERMANY: NDR 657 & 729 have left the air, NDR-702 has changed antenna pattern, SDR-576 has decreased power [Arctic] A new privately owned stn. "Mega-Radio Mecklenburg-Vorpommern" will go on MW in summer on 576 (Schwerin-Woebbelin) and 1017 (Greifswald) kHz in STEREO. The other free MW-channels in Mecklenburg-Vorpommern 558 (Rostock-Stadtheide), 657 (Helpterberg), 729 (Putbus) and 999 (Schwerin) are planned to go to a Country- and Truckerstation. [Infosat]

IRELAND: after many promises, and a lot of waiting, the new super-pirate on AM is finally ready to start transmissions. Test broadcasts - probably using the name JukeBox Gold - will be heard on 864kHz within the next few weeks. The station will be using an AM transmitter left over from the former Superpirate era of

the 80s. Reliable reports passed to us by FM pirate KISS in Dundalk confirm that a 140 foot mast has been erected at the broadcast site, and that all aerial and cabling work is now completed. John Gartlan from KISS tell us: "I can confirm that a 140' Free Standing tower has been erected approx. 3 miles west of Cloughherad in Co. Louth. All earthing and coax (3" military heliax) is in place. I have seen this with my own eyes so this is not a pinch of Salt. Expect something on 864 very soon" [Conway, MWC]

LATVIA: 576 is silent, Program 1 has moved to 945, private station R Divi now uses 1071 & 1539 [DXC]
MOLDOVA(?): At 2235 on 5/14 I spotted a UNID relay of Virgin Radio on 1467. Signal weak and with very slow fading pattern. (Also there last night 5/15). A parallel check with 1215 and 1233 reveals a slight delay on 1467 signal (a few milliseconds) therefore NOT a transmitter spurious in the UK. Note that Virgin delivers its signal by satellite to its UK MW transmitter sites so a European station picking up same satellite signal would not appear satellite delayed relative to 1215. [Whitt, MWC]

MONACO: Deutsche Welle has stopped using 702, the channel has reverted to Riviera Radio [Arctic]

NETHERLANDS: Radio E-Journal-729 is new, with a "nieuws en sport" format [Arctic]

PORTUGAL: Radio Comercial in Faro (Algarve-South Portugal) has ceased transmissions on 558 kHz. In a private e-mail, Program Director shows that Radio Comercial is boosting its FM Network but they are dismantling MW Network. This was said in relation with 1332 kHz Radio Comercial (Elvas station) that closed also in the near past. [Medi-DX]

UNITED KINGDOM: Capital Radio is tightening its contest rules after one listener won thousands of pounds, 8 foreign trips, and 2 cars! Capital admitted that it has no formal rules on how many prizes a listener can claim. They were rather surprised one listener could win so many prizes given that hundreds of persons call every day during contests. [London Times via Arctic] United Christian Broadcasters hopes to use 279 & 549 [Arctic] R Argus will be resuming 2 MW channel operation sometime after 4/5 using 783 24hrs a day alongside 1125kHz on Sundays. Station also says it will conduct a series of tests rather than normal programs between April 30 and May 2nd on 783. Tests also planned for 1125 on 27/4/97. Station was on 1125 on Sunday 6 April. Address is: Radio Argus, 72 Norbury Road, Thornton Heath, Croydon CR7 8JN [Steve Whitt MWC]

A report on the WUN (World Utility Network) list-server by Nautical News editor Day Watson, stated that the UK Coastal Radio station GNI-Niton Radio would cease W/T transmissions on 500 kHz from the 30th of May. It also stated that they would also be discontinuing their R/T service on 2628/2009 kHz at the same time, but would still continue to broadcast navigational warnings on 1641 kHz [Gale, MWC]

UK/INT'L WATERS: East Anglian Productions say that they are fully on target for the ship-borne Radio London RSL, planned for 18 July - 14 August on 1134. This despite rumored problems over the choice of ship. [MWC] Also see the following press release dated 3rd March, 1997 regarding this venture:

East Anglian Productions is today announcing plans to commemorate the thirtieth anniversary of the closing of the offshore radio station WONDERFUL RADIO LONDON by re-broadcasting a special 28-day tribute from a disused ex-Trinity House lightship off the coast of Frinton-on-Sea, Essex - the original mooring of the Radio London ship between 1964 and 1967 - during 18 July and 14 August this year. (dates are inclusive).

East Anglian Productions have applied to The Radio Authority for a special event 28-day license which will allow us to recreate the great sound of "Wonderful Radio London". Event organizer - Ray Anderson says: "This is a great opportunity to bring back the sound of Big L which was loved and adored by over 12 million listeners in the UK and a further 4 million on the continent. Radio London probably became the most successful commercial radio station in the world attracting a huge audience which many of today's commercial broadcasters would envy".

Radio London was very instrumental in giving many of the top groups of the day air-play and played an important part in the development of the UK music scene. Artists like Tom Jones, Edwin Starr, Ike & Tina Turner and groups such as The Small Faces, The Beach Boys, The Tremeloes, The Kinks and The Who owe much of their success to Radio London, as do many of the deejays who went on to further their careers like Tony Blackburn, Ed Stewart, Keith Skues, Tony Brandon, Tommy Vance, and it also gave Kenny Everett his start in Radio. Radio London was the first radio station in the world to play The Beatles' "Sergeant Pepper's Lonely Hearts Club Band" LP plus many other exclusives on many of the hit songs of the day including "A Whiter Shade of Pale" by Procol Harum. Radio London was the in radio station of the sixties and very much a part of the British music scene.

WHAT WE INTEND TO DO . . .

We intend to broadcast on the original wavelength of 266 meters (now 1134 kHz) medium wave from a disused ex-Trinity House Light Ship moored off Frinton-on-Sea, close to the original anchorage. A studio will be built on board and a transmitter installed. Programs will be re-created using the original Radio London jingles and promos. Original commercials for products will be broadcast and the play list of songs will be from the last few weeks of Radio London's Fab Forty which will feature songs like "All you need is Love" - The Beatles, "Heroes and Villains" - The Beach Boys, "San

Francisco (Be sure to wear some flowers in your hair)" - Scott McKenzie and music by The Alan Price Set, Jimi Hendrix, Stevie Wonder, The Monkees, Dusty Springfield and The Supremes etc., will feature heavily. Three-hour programs in the original style of Radio London with News on the half-hour and weather at the top of each hour. Original "Big L" Deejay Mark Roman who was on Radio London in 1965-1967 (The Roman Empire) will be on board for the 28 days and another Radio London deejay, Keith Skues, will literally be "dropping in" by helicopter in a specially-planned air-sea rescue in conjunction with the lifeboat. (Keith was originally rescued by the Walton & Frinton Lifeboat in 1964), plus many other appearances of Radio London deejays yet to be confirmed. Also, each day original broadcasts of Radio London from 1964-1967 will be aired featuring Tony Windsor, Mark Roman, Kenny Everett and many more. The culmination of the broadcast will be when we close down to coincide with the original close down of Radio London on the 14th August, 1967 - thirty years earlier. As we recreate "the sound of wonderful radio london during the summer of love - 1967"

Other events to be organized include a Radio London reunion dinner for deejays and former staff and a disc night where original sixties groups are being asked to perform on stage. Further information on this will be announced shortly.

WHO WILL HELP US RE-CREATE THE ORIGINAL SOUND OF BIG L?

Mark Roman. Mark was on the ship between 1965 and 1967. His Roman Empire Show was very successful and he also compered The Rolling Stones and Ike & Tina Turner Tour of the UK in 1966. After a brief stint at Radio One in 1968 he departed for Australia where he stayed for several years working on the top station in Sydney 2UE and later in Adelaide at 5KA. He is currently working as a voice-over artist and is often heard on many radio and TV commercials.

Keith Skues will be dropping in by helicopter in a special air-sea rescue exercise. Keith was on board between 1966 and 1967 having joined from Radio Caroline South and Radio Luxembourg. He later joined the BBC Light Programme Service and Radio One and spent many years in Sheffield where he was a founder director of Radio Hallam. Keith currently broadcasts on BBC Radio in the Eastern Counties based in Norwich. He is author of several books including "Pop Went the Pirates", a best selling book on the subject of offshore radio.

Chris Baird from BBC Radio Derby has become a devotee of "Big L" and his highly-rated BBC show attracts many listeners as he plays many of the songs played and established on Radio London and usually

produces an excellent documentary to mark the various anniversaries of "Big L". He will be joining us during the broadcast.

Tom Collins will present our news for a couple of weeks. Paul Kay, the original newscaster of Radio London sadly died in 1980 and Tom's job is to recreate our news in the style of Paul, on studying his photograph he even looks like Paul Kay! Having finished college education, spending most of his time tuned into Caroline and London he went to the States in 1967 and commenced his broadcasting career in North Carolina followed by other Eastern seaboard stations. UK experience was gained with The BBC's World Service, Regional Radio and TV from Plymouth and Radio Oxford. By the early 80's he was writing for a BBC news publication department, living a sedate life when the call came - go to the Falkland Islands and work for BFBS (British Forces Broadcasting Service). Having survived the Falklands Tom returned to London and eventually ended up as an instructor at BBC Radio Training Department. In 1990 he left the BBC to set up his own PR operation.

Chris Elliot is a respected radio "all-rounder" with over twenty years professional experience in presentation and production. He became interested in radio in the mid 60s while listening to Radio London. "Big L has shaped my radio thinking ever since", said Chris. He has presented programs on XERF in Mexico and KXOL in Dallas - Fort Worth, Texas and KVMX in Eastland, Texas working with original Radio London Programme Director Ben Toney. He also has extensive experience in commercial voice-over work and jingle production involvement with PAMS Jingles.

Paul Graham first broadcast in 1969 on BBC Radio Leicester and was greatly influenced by Radio London and Caroline which led to him becoming involved in broadcasting. He has broadcast for stations in Great Britain and Ireland including Radio ERI and South-coast Radio in Cork, Radio 257 in Dublin and has worked for several ILR stations including KCBC Kettering, Mellow 1557 in Colchester, Classic Gold in Peterborough, Invicta Supergold, Chiltern Radio, Q96 and Radio Caroline in the 1980s.

Ray Anderson, the organizer of this event, started his TV and Radio Production business in 1968 as a result of being greatly influenced by the offshore stations of the day. His company, East Anglian Productions, has produced hundreds of Television Commercials, thousands of Radio Commercials and numerous Corporate Video Productions, plus outside broadcasts in foreign countries beamed live around the world. He had an early stint on Radio Atlantis in 1974; he was involved in Radio Laser in the 1980s, he broadcast on Mellow 1557 during the 1990s and now his oldies service

"Juke Box Memories" is heard around Europe on dozens of Radio Stations. "Radio London was the greatest Radio Station ever" he said, "to be part of its return to me is simply Wonderful!"

MORE ABOUT THE ORIGINAL RADIO LONDON 1964-1967

Radio London was set up by a consortium of Texan businessmen who, because of the initial success of Radio Caroline, felt that they could do better and purchased an ex-World War II mine sweeper, re-named it the m.v. Galaxy and fitted it out in Miami with a powerful 50 kilowatt transmitter and aerial mast 212 feet tall (23 feet higher than Nelson's Column). By Christmas 1964 Radio London was on the air and moored just three and a half miles off Frinton-on-Sea in Essex and within weeks the station had attracted a considerable audience in the south east of England broadcasting on only 17 kilowatts.

The managing director of Radio London, Mr. Philip Birch had gained a considerable amount of experience in the USA with advertising agencies and particular expertise in marketing and put together a highly successful sales team who were able to sell Radio London to many high profile companies at the time and clients like Colgate-Palmolive, Camp Coffee, News of the World, Heinz, Bulova Watches etc., all signed lucrative advertising contracts. Coupled with the sales success, the great on-air sound from the deejays and, new to the UK, the first ever package of specially written jingles from the leading Dallas based jingle company - PAMS. These jingles very slick, memorable and catchy and slogans like "It's smooth sailing with the highly successful sound of Wonderful Radio London" soon caught on and many became as familiar as a top ten hit of the time.

This combination of good marketing and a terrific on-air sound catapulted Radio London into the lead of all the offshore stations of the day. It became the station listened to by the music industry based in London and pop stars, and groups of the day. Everyone listened to "The Fabulous Forty Show" the weekly chart show which was designed to be weeks ahead of the national chart used by the BBC.

Radio London was finally beaten when the labour government of the day finally introduced legislation to outlaw all the offshore "pirate" radio stations. The Marine &c., Broadcasting (Offences) Act 1967 came into force at midnight on August 14th 1967. One by one all the stations closed down, only Radio Caroline North and South ships (one off the Isle of Mann and the other off Frinton-on-Sea) continued in defiance of the law. Radio London closed down at 3.00 pm on the Monday afternoon of the 14th. The final hour was a moving tribute in which many stars paid their last respects

including, Cliff Richard, Mick Jagger, Dusty Springfield, Bruce Johnston of The Beach Boys and Ringo Starr. All the deejays were mobbed at London's Liverpool Street station when they arrived off the ship for the last time by 1,500 free radio supporters who according to reports - went wild! As a result of the sixties offshore radio stations, we now have Radio One and Commercial Radio in the U.K.

HOW WILL WE PAY FOR THIS EVENT?

The project is costing approximately #163#335,000 and is being underwritten by East Anglian Productions. However, we hope to sell radio commercials to local businesses together with sponsorship opportunities, we are also approaching original advertisers with a unique special offer of broadcasting their original commercial from the 1960s for the same price they paid more than 30 years ago. This unique advertising opportunity is attracting much interest with former clients to Radio London. Boat trips with fare-paying passengers will also contribute to the costs. Merchandising of original T-shirts, stickers etc., will be available. Also, we are committed to supporting the following charities: The Royal National Lifeboat Institution, SANE, International League against Epilepsy and others.

BENEFITS TO THE LOCAL COMMUNITY . . .

We believe that the many stations broadcasting in the Thames Estuary from ships and marine structures during the sixties played an important role in the development of Commercial Radio in the UK. They also brought valuable revenue to towns in Essex and Kent where they were located and supplied from. Many visitors arrived in Frinton-on-Sea, Walton-on-the-Naze and Clacton-on-Sea in order to see the ships, pleasure-boat owners took hundreds of spectators to the vessels on a daily basis and much valued income was spent locally. It is estimated that our event will bring approximately 20,000 people to the area and we have already spoken to certain contacts who have said they wish to visit the area in order to see and hear the radio station, from as far afield as the Isle of Man, Birmingham, Yorkshire and Scotland. It is expected that a further 500 people will arrive from Holland, Belgium and France. We will also promote local businesses on-air and support various functions and charities.

Sources

Arctic Radio Club, New Zealand DX League (NZDXT), DXers Calling (DXC) - Australia, British DX Club (BDXC), Medium Wave Circle (MWC), Worldwide DXClub (WWDXC) plus various other groups, individuals, and internet sites.

See you later! bp



DX Worldwide - West

PAT MARTIN PO BOX 843 SEASIDE, OR 97138

Time: UTC

Phone (503) 861-3185

DX this Summer has been somewhat on the slow side. I've had a couple short openings to DULand and that's about it. A report was received from Larry Godwin on an AU opening he had on 5/18, where he hrd a new catch. Also info from a CE in Southern California comes word that the Mexicans are going to be using the "Expanded Band" some and there is a new Tijuana station on 980 with the calls XENVA2 (that's right the letter 2). The station is running only 500w day and 100w night ND. Also there are two Expanded Band stations to watch for, one on 1630 10 KW day/1KW night in Tijuana and another on 1690 10 KW day/1 KW night in Mexicali in the near future. Now on with reports.

PAN-AMERICAN DX ROUNDUP

1410 MEXICO, Mexico D.F. dominated much of the time between 0303 and 0400 5/18 during incredible AU evening. There was a talk show during the time. I didn't hear an ID, but phoned one of the sponsors whose number was broadcast to confirm the identity. New: listed only as 1KW at night. (LBG-MT) (This must be XEBS, that is listed in the 97 WRTH. Good catch Larry.PM)

TRANS-PACIFIC DX ROUNDUP

531 NEW ZEALAND, Auckland-1XPI, Pacific Islands Radio, fair on top of 2MC w/ Samoan talk by man at 1134 6/7. (PM-OR)
AUSTRALIA, West Kempsey 2MC-fair u/NZ most of the time with pops and Aussie ancr giving time at 1136 6/7 (PM-OR)

540 AUSTRALIA, Longreach-4QL fair in with CBC at 1230 6/7 //549 with Aussie ancr. (PM-OR)

549 AUSTRALIA, Orange 2CR fair in KMVI/KOAC-550 splat with Aussie ancr //540 1231 6/7. (PM-OR)

630 AUSTRALIA, Townsville 4QN, // 540 at 1229 6/7. (PM-OR)

720 AUSTRALIA, Atherton 4AT presumed the DU //549 1235 6/7 with talk, prob. NZ in background. (PM-OR)

738 TAHITI, RFO very very good at LSR with man in FF and Island mx. Best hrd in a while, totally holding its on and crowding 740 with KCBS fading badly 1157 6/12. (PM-OR)

783 UNID DU, fair w/Island mx at 1209 6/11. prob. NZ. (PM-OR)

864 AUSTRALIA, Hobart 7RPH. This is by far the most consistent RPH station now. Infact the others are fairly hrd. Noted at 1100 with man giving "7RPH" mention and into talk/discussion pgm of some kind on 6/7. (PM-OR)

972 TAUSTRALIA, Murwillumbah 2MW prob. the one with pop mx by Color Me Bad, TC, and ID "Classic Rock and Roll" at 1243 6/2. Tent. report sent. (PM-OR)

1134 TAUSTRALIA, Armidale 2AD prob. the one with woman ancr at 1236 6/5, over what sounded like 3CS. Tent. taped report sent. (PM-OR)

THANKS TO THESE REPORTERS

LBG-MT LARRY GODWIN-2390 CLYDES DALE LANE-MISSOULA MT 59804
lbg@selway.umd.edu; RX: Hammarlund HQ-150, Sanserino air-core
box loop

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

Summer

WESTERN DX ROUNDUP

Nancy Johnson
979 Neptune Boulevard
Billings, MT 59105-2129

 **PRODIGY**
MPNN49B

Electronic Mail: Internet: Nancy_Johnson@prodigy.com

WDXR DEADLINES: July 3, August 1, August 22, September 5, Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (FA) Frank Aden-4096 Marcia Place-Boise, ID 83704
FRG-7 with 4' box loop
- (LG) Larry Godwin-2390 Clydes Dale Lane-Missoula, MT 59804 lbg@selway.umt.edu
Hammarlund HQ-150, Sanserino air-core box loop & KIWA loop
- (GH) Glen Hansen-1638 SE Knight #1-Portland, OR 97202
Hammarlund HQ-180A, Sony ICF-2010, various longwires, Sanserino box loop
- (GJ) Gary Jackson-7735 Center Parkway-Sacramento, CA 95823
FRG 8800, KIWA loop
- (PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138-0843
Drake R8, 900' NNW Beverage, 1500' E Beverage, terminated 200' SW wire
- (BN) Bill Nittler-Box 824-Mancos, CO 81328
Drake R8A, spiral loop
- (BP) Bob Pietsch-230 Winchester Court-Foster City, CA 94404 marbob@ix.netcom.com
Sangean 803-A
- (NP) Nigel Pimblett-1146 Queen Street-Medicine Hat, AB T1A 1B4
R-5000 and various Beverages
(NP-BC) DX'ing from Abbotsford, BC with ICF 2002, built in antenna
- (pls) Paul Swearingen-Topeka, KS
- (PT) Pete Taylor-6002 Bayview Dr. NE-Tacoma, WA 98422-1227 pvtaytac@brigadoon.com
Sony 2010
(PT-WA1) Dx'ing at Silver Lake, WA with ICF-2010 & Palomar loop
- (SW) Stan Weisbeck-411 E Sinto #203-Spokane, WA 99202-1865
Sony 2010, KIWA loop
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118 rjwmail@webtv.net
GE Superadio II, GE long-range portable, Select-a-Tenna

OF SPECIAL INTEREST

- 650 KGAB WY, Orchard Valley heard in Ft. Collins last week with new calls, KGAB, "K-Gab The Talk of Cheyenne" with new 24 hour talk schedule. (BN-CO)
- 980 KCHT WA, Yakima ex-KUTI 5/14 0900 readable with CKNW & KUPI nulled, with ID as "KCHT Selah-Yakima." Local news followed. New. (LG-MT)
- 1450 KPTT NV, Reno 5/19 0400 good on top of KOBO in KEST null with ID "We're AM 1450, KPTT Reno, The Parrot," sports talk. Obviously calls mean K-Parrot-T. Call change, ex-KOZZ. (RW-CA)
- 1490 KWUF CO, Pagosa Springs ex-KPAG, first noted with new calls 5/26 day time logging here with "The Wolf" slogans and still C&W. (BN-CO)
- 1580 KTNF CA, Merced 5/12 1540 & 1600 poor in KLIV null with daytime signal. Slogan "La musica es la mas necessita," ID on hour. Call change, ex-KLOQ. (RW-CA)
- 550 CKPG BC, Prince George 5/12 0140 message from the city of Prince George about street sweeping. "550 CKPG" ID, into talk program. (NP-BC)
- 650 KSTE CA, Rancho Cordova 5/19 0135 plug for Art Bell on "Talk 650, KST." (NP-BC)
- 660 CFFR AB, Calgary 4/22 oldies at 1225. (GH-OR)

15

- 750 KFQD AK, Anchorage 5/23 0535 fair on top with spots & "KFQD Weather," lows in the 40's. (PM-OR)
- WSB GA, Atlanta 5/11 0104 plug for Hawks/Bulls NBA game "The only place to hear it, Newstalk 750, WSB." (NP-AB)
- 810 KCMO MO, Kansas City 5/27 0359 under KGO with Weather Watch, several KCMO IDs. First time heard in many years. Fairly strong at times. (PM-OR)
- 830 KCNO CA, Grass Valley 4/30 1030 barely caught ID in jumble. (GH-OR)
- ?KPLS? CA, Orange 5/20 0753 probably the weak but dominant one with kids' program. I'm 75% sure I heard a call ID at 0800 5/26, just before KUYO s/on. (LG-MT)
- 840 WPPI343 CA, San Mateo County 5/19 0840 good with ID, mention of Caltrans on Highway 101 and 280, etc. New. (RW-CA)
- WPEI433 CA, San Mateo County 6/1 2000 with test message at this time only. Operated by CalTrans, in the future will be providing highway advisories for US 101 and I-280. Very strong here, don't know where location or transmitter is. Another frequency shot for me???? (BP-CA)
- CJXX AB, Grande Prairie 4/20 1123 man gave ID after Furniture Warehouse ad, surprisingly strong. (GH-OR)
- 850 (KHLO) HI, Hilo has been off the air since early March, when winds blew down its antenna, per call to station. Expects to return in early June. (LG-MT)
- 890 CJDJ BC, Dawson Creek 4/10 0000 news program, incredibly good signal. (GH-OR)
- +6/3 0139 good with satellite delivered oldies and local ads. Now calls itself "The Cub" although still gives call letters often. (SW-WA)
- 910 KNEW CA, Oakland 4/10 1130 male gave ID into ad, then faded. (GH-OR)
- 930 KTKN AK, Ketchikan 5/23 0124 fair on top with "AM 930 KTKN" ID into music. (PM-OR)
- 990 ?KATD? CA, Pittsburgh 5/18 0800 probably the one mentioned in minute-long list of stations affiliated with Talk America Radio Network. Weak. (LG-MT)
- 1010 KCHJ CA, Delano 4/2 1000 male gave ID in English, into Spanish. (GH-OR)
- KTUR UT, Tooele 5/28 0459 ID "News 24 hours a day, KTUR, Salt Lake City-Ogden-Provo, 10-10 AM." Features continuous news, good to very good over nullified local KIQI. IDs as "All news 10-10" at various times during the hour. (BP-CA)
- 1040 KLVP OR, Tigard 5/23 0657 mentioned in multi-station ID along with 2 FM stations. Weak but no sign of CKST. New, ex-KEZF. (LG-MT)
- 1090 KAAAY AR, Little Rock 5/11 0000 end of religious program and then ID "With the Power and the Glory, KAAAY, Little Rock." (NP-AB)
- KKYN TX, Plainview 6/3 2255 a surprise with Twins baseball. I heard a commercial for a tire store in Plainview and ID as "The big 1090." Phoned station to confirm. (LG-MT)
- KRPM WA, Seattle 5/25 2257 with fair signal, asking for listeners to phone in comments to 888-246-8683. (LG-MT)
- 1130 KCIB NM, Milan 5/4 with strong signal on top of CKWX during oldies program. Broke for call ID underneath the music at 2300. Listed as daytimer, what's it doing on this late? (LG-MT)
- 1150 KEZX WA, Seattle 4/12 0100 male with ID, and ad for Jiffy Lube. (GH-OR)
- 1170 (KLOK) CA, San Jose 5/19 0305-0325 totally off briefly on extremely rare silent period, KVOO/KCBQ/CKGY/unID Spanish in. KVOO generally dominant. Back on at 0325, darn! (RW-CA)
- 1180 KOFI MT, Kalispell 4/10 0655 "1180 AM KOFI stereo" jingle into AdCon oldies. (GH)
- KLAY WA, Lakewood-Tacoma 5/18 0021 in the clear with stereo shop and "ask the Professionals." Strong with absolutely no KOFI. (PT-WA1)
- 1210 KREW WA, Sunnyside 5/31 0752 ID'd for KREW and K-JOX (930-Yakima) during sports show. (LG-MT)
- 1240 KMHI ID, Mountain Home 5/27 0459:50 fair in jumble with ID as "Radio Mountain Home, Idaho, AM 1240" into AP network news. (PM-OR)
- KWIK ID, Pocatello 5/7 fair in jumble at 0800 with ID "KWIK Pocatello." (PM-OR)
- KCVL WA, Colville 5/7 0759:58 ID into news, mixing with others. (PM-OR)
- KXLE WA, Ellensburg 5/7 fair in jumble at 0759:55 with ID into news, mixing with KWIK & KCVL. (PM-OR)

- 1250 KLLK CA, Willits 5/18 0017 noted with Ft. Bragg carpet cleaning store ad and phone interview with blues singer Jimmy Rogers. No KWSU, some KKDZ and the ever-present nighttime het. (PT-WA1)
- 1300 KMPS (CKWX) WA, Seattle 4/10 0300 barely made out ID in mess. New for me. (GH-OR)
BC, Vancouver (?) 5/7 0244 fair with CKWX news programming // 1130. I've never heard CKWX before or since on this frequency. I tried calling station to find out if this was a relay or satellite, but only got a recording. If this was a spur it was very strong & clear. (SW-WA)
- 1330 KWKW CA, Los Angeles in Spanish with talk show, music and PDT time checks 0750-0759 5/6, 5/10 and 5/13. Ran many commercials for Laboratorios Camacho in L.A. In the clear until KOVE/KKPZ s/on prevented ID. I phoned Camacho "network" at 800-266-2501 to verify reception. Other Camacho "network" stations are KOQO-CA-790, XEFV-Mexico-1000, WTAQ-IL-1300 and KNNTA-CA-1430. New. (LG-MT)
- KKPZ OR, Portland 5/6 s/on at 0800 with melodic chimes and announcement by woman. Slogan is "K-Praise." (LG-MT)
- KMBI WA, Spokane 5/6 s/on (no anthem) at 0900. Said owned by Moody Bible Institute. (LG-MT)
- KOVE WY, Lander 5/6 0900 dominated with C&W songs then ID. Weaker at s/on with meadowlark tweet at 0759 5/10 and 5/11. (LGOMT)
- 1340 KYLT MT, Missoula 6/2 0306 weak above garble with oldies music & sung jingle. (SW-WA)
- 1410 KCOL CO, Ft. Collins heard 5/31 0200 with ID "The Eagle 96.1." Apparently now duplicating KGLL FM with country music... was all news. (BN-CO)
- CFUN BC, Vancouver 4/12 0230 good signal. New for me. (GH-OR)
- 1430 KNTA CA, Santa Clara 5/15 0754 weak but completely in the clear on unusual auroral morning. Carried Laboratorios Camacho program (see KWKW-1300 above) in Spanish. New. (LG-MT)
- 1440 KMED OR, Medford 6/3 0800 ended a NOS cut and ID'd "Great songs and great moments around the cock, we're AM 1440, KMED Medford." (LG-MT)
- CKJR AB, Wetaskiwan on top 6/4 at 0800 with C&W and ID "The big KJR" as well as legal ID; then local news. (LG-MT)
- 1450 KIOV ID, Payette 5/6 0922 good on top of channel with spots, gave address on sports promo as P.O. Box 290, Fruitland. (PM-OR)
- (KGRZ) MT, Missoula noted off 5/8 2250; back on at 2310. Heard IDs from semi-regulars KBFI, KCLX & KMSL. (LG-MT)
- 1470 KDHN TX, Dimmitt weak but dominant at 2300 5/16 with ID as "The voice of the great high plains, KDHN, Dimmitt." New. Only QRM was unID Spanish-speaker on this auroral eve. (LG-MT)
- 1460 KDON CA, Salinas 5/19 0300 not logged in AM yet here. Heard this ID on FM as "KDON AM & FM, Salinas-Monterey-Santa Cruz," so has changed calls from KHTX, but not logged as KHTX her yet, either! (RW-CA)
- 1470 KQPT CA, Sacramento 5/12 0900 good signal over mess with ID "Good oldies, good fun, cruisin' 1470," legal ID "KQPT, Sacramento." Ex-KXOA. (RW-CA)
- 1480 KPHX AZ, Phoenix 5/16 strong and on top at 2300:30 with dual IDs in Spanish & English. (LG-MT)
- 1490 KCID ID, Caldwell 5/6 ID at 0855, in jumble. (PM-OR)
- *KRTN* NM, Raton heard testing 5/20 and again on 5/29 with tone & frequent IDs "On the air for a frequency check" from 0200-0215 both mornings. (BN-CO)
- KNDC ND, Hettinger 5/7 2306 professed "America's best country on KNDC." (LG-MT)
- KJET WA, Hoquiam 6/6 1259 fair with KBRO off, local ads. (PT-WA)
- 1560 KZIZ WA, Sumner 4/10 0500 weak ID in jumble. (GH-OR)
- 1590 KLIV CA, San Jose 5/16 atop the channel at 0800 with ID "San Jose's 24-hour news station." QRM from unID Spanish-speaker; KLFE weak. (LG-MT)
- KVGB KS, Great Bend 5/20 with oldies and call ID at 2300 atop KLFE. (LG-MT)
- KIHM NV, Sun Valley under KLFE at 2259 5/24. Man said "You're listening to KIMH...Reno, ??? City and Lake Tahoe." New, ex-KIRS. (LG-MT)
- KLFE WA, Seattle 4/30 0021 ID into Alan Keys show. New for me. (GH-OR)

- 1600 KGST CA, Fresno 6/6 0759 moderately strong under KUBA open carrier. Woman with Spanish accent gave call in English. (LG-MT)
- KUBA CA, Yuba City 6/6 0800 had open carrier, then gave very brief s/on announcement, then CNN news. (LG-MT)
- KEED OR, Eugene 5/18 0002 KWIL/KEED IDs noted. As per phone call, KEED became 100% relay 4/9/97. Some Spanish (presumed KGST). (PT-WA1)
- KCPX UT, Centerville 5/9 0201 fair, legal ID "KCPX Centerville-Salt Lake City" repeated 3 or 4 times in a couple minutes. Otherwise, Spanish talk and music. (SW-WA)
- 1610 TIS CA, Valencia 4/30 0600-0800 giving road info for Santa Clara & Santa Clarita valleys. Station is located at Valencia, CA, near Magic Mountain. (GJ-CA)
- KOP796 MT, Grant-Kohrs Ranch National Historic Site 5/10 TIS giving opening hours, general information about the ranch and Deer Lodge. Apparently has been on for several years, but it's only become semi-regular here recently. In a verie I just got, the v/s said they'd recently raised their antenna 7 feet, which seems to have improved their signal dramatically. (NP-AB)
- TIS OR, ?? "Forest Talk" noted 5/17 0139 not strong enough for much more info. I recall this being in some town in OR which we passed through on I-5 a few years back. (PT-WA1)

LOCAL NEWS

- 1480 (KNTB) WA, Lakewood-Tacoma acquired by new owners and is currently off the air. Formerly relayed KBRO-1490. (PT-WA)
- 1490 (KBRO) WA, Bremerton also acquired by new owners and is currently off the air. Formerly relayed on KNTB-1480. (PT-WA)

DX TESTS

- 570 (KKFJ) CA, Alturas 4/27 0300-0400 nothing heard that I could tell was a test, I have to null KFXD to clear 570 and that is in KKFJ's null. (FA-ID)

HELP WITH UNIDS

- 800 Doug Lamerson's oldies station at 0615 4/14 may have been KSOS-UT, which is a regular here. (LG-MT)
- 1420 Robert Wein's unID on 4/8 is most likely KJCK-1420 Junction City, KS, which programs C&W. Slogan is "1420 Country." (pls-KS)

UNIDS

- 640 5.23 station under KFI with adult standards format, "Our Day Will Come," into NBC news at 0500. Any ideas? Gave ID going into news, too much QRM. Heard on Eastern Beverage. (PM-OR)
- 640 5/23 0515 station under KFI with oldies rock format. QRM from Spanish. Ideas? (PM-OR)
- 730 5/12 0500 unID good on top in KCBS null, with CNN Headline News, faded out. KULE? (RW-CA)
- 1090 Station broadcasting in Spanish from 0410-0550 without giving ID. (GH-OR) (Date?-NJ)
- 1210 5/23 2256 strong station repeated "CBS Radio Network Channel 43" every five seconds, with tone in between. (LG-MT)
- 1450 5/19 0350 unID good in KEST null with Art Bell program. Don't think it was KPTT, nor KVEN. Other ideas? (RW-CA)
- 1640 5/12 2250-2301 weak station with rock; no break on the hour. Not strong enough for Greenacres, WA pirate, and format doesn't fit it. Seemed to loop NW-SE. QRM from Dallas, TX TIS. (LG-MT)

I'm not sure about calls for the 840 San Mateo County TIS. One reporter used the calls WPPI343, and another used WPEI433. Maybe someone will find out the correct call letters. Frank Aden sends along a note that KTIK-1340 has three new towers up, but no news when they expect to move to 1350. Unfortunately, John and I will be unable to attend the convention in Costa Mesa. That weekend we will be on the road returning from a trip to Western Washington. Happy Summer, everyone!

18

Central DX Roundup



Editor: John C. Johnson
Internet: John_Johnson@prodigy.net

FOR THE RECORD

E-Mail: John_Johnson@prodigy.net Mail: 979 Neptune Boulevard, Billings, MT 59105-2129
Next deadline: July 3rd. Please report all times as Eastern. Keep tips to less than a month old,
the next deadline is for loggings during the month of June.

RIDING GAIN

- [SA-MB] **Shawn Axelrod**, Winnipeg, Manitoba, Canada. saxelrod@mb.sympatico.ca
Icom IC-R70 with filter mods and Palm board.
4' box loop, Quantum loop, 100' longwire.
- [EB-MO] **Eric Bueneman**, NOUIH, Hazelwood, Missouri. EricB631@juno.com
Sangean ATS-803A, Realistic DX-400, TM-152, Worcester Space Magnet 2.

DOWN THE DIAL

- 680 **CFTR** ON, Toronto. 5-9 poor signals. 0420 fade up with talk about ON and an ID. [SA-MB]
CHFA AB, Edmonton. 5-9 fair signals mixing with KFEQ in CJOB null. 0420 with classical music ||CKSA. [SA-MB]
KFEQ MO, St. Joseph. 5-7 good signals in CJOB null. 2310 with country music and several "KFEQ" ID's. [SA-MB]
- 950 **CFAM** MB, Altona. 5-25 fair to poor o/KKFN, KPRC. 0039 noted with ID "Radio Southern Manitoba, with family programming 24 hours a day." Classical music ||CJRB-1220. CFAM was a big surprise. I already have CJRB verified. [EB-MO]
- 990 (CBW) MB, Winnipeg. 5-23. 2220-0030 off the air completely! This lead to two new loggings for me! [SA-MB]
- WTIG** OH, Massillon. 5-23 poor signals. 2230 with baseball game. New. [SA-MB]
WWCM MI, Ypsilanti. 5-23 poor to fair signals. 2315 with religious talk program. Both "WCM" and "WWCM" ID's. At first I thought this was Denver, but this logging was even better! New for me. [SA-MB]

UnIDS

- 670 unID 5-10 unID with poor signals u/WMAQ. 0604 with religious talk program. Could be KLTT. Any ideas? [SA-MB]
- 680 unID 5-5 unID with poor signals. 0024 with an old "Amos 'n' Andy" program. [SA-MB]
unID 5-10 unID with poor signals u/CJOB and KFEQ. 0208 with NOS or Adult Standards music. Any ideas? [SA-MB]
- 990 unID 5-23 unID with poor signals fading in and mostly out. 2308 with a national country music program hosted by a woman who gave a phone number as 1-800-766-???? Any ideas? [SA-MB]

unIDS HELP

- 580 unID [RCVP-IN]'s unID in the May 18th CDXR with rock oldies and "KYWA" call. [SA-MB] says this could be CKY Winnipeg who uses the slogan "KY-58." Thanks Shawn!

25 YEARS AGO

June 17, 1972 issue of IRCA's "DX Monitor" - Larry V. Flegle of Tampa, FL said he began classes at the U of So. FL on June 12th and his major is broadcasting - John C. Johnson of Billings, MT said K00K-970 has been sold but would retain the K00K call letters while K00K-TV could change - Larry B. Godwin of Boulder, CO received a verie from SIBS-1030 - Bill Hardy of Aberdeen, WA said he started working at KGHO-1560 on May 1st.

OPEN MIKE

One must learn by doing the thing; for though you think you know it you have no certainty, until you try. Shawn said CJOB-680 was having problems and was operating with low power at night. He was able to null them even though his location is just 10 miles from their transmitter. Those of you keeping track, I have been with channel 2 here for 25 years now. It was KOOK-TV when I started (Changed to KTVQ in September 1972). Nancy was here with me when the call change was made. Hard to believe that was almost ¼ century ago. Hope all of you have a wonderful summer! Nancy and I will not be able to attend the IRCA Convention due to conflicting dates with another planned trip. 73, John.

IRCA CONTEST STANDINGS

Contest Manager: Nancy_Johnson@prodigy.com

As of May 15, 1997

DOMESTIC		FOREIGN	
1. Larry Godwin	51,416	1. Larry Godwin	171
2. Charles Dobbins	40,783	2. Greg Hall	114
3. Craig Rathbone	37,956	3. **David Yocis**	110
4. Nigel Pimblett	36,035		
5. Stan Weisbeck	35,847	**These members are no	
6. Greg Hall	26,515	longer members of IRCA	
7. **Dale Park**	23,660	and cannot win the contest.	
8. John Tudenham	23,130		
9. **David Yocis**	17,687	Final contest standings will	
10. John C. Johnson	13,443	appear next month.	



Eastern DX Roundup

Editor: LEE FRESHWATER

414 SE 3rd ST
OCALA FL 34471

Summer has arrived here with all its Thunderstorms. We did have a very MILD Spring. Won't be long until the NEW DX Season begins.....

STARS OF THE WEEK

(LF-FL) your editor Drake R-8A / HQ180A, Potomac FIM-41
KIWA Loop, 75' l.w. N/S
97 Saturn on I-75 North Florida

(CB-NY) Charles Bernth Eastport, NY VIA E-MAIL
Sony 2010/GE SR III. R&F Black Box III

(MB-MA) Mike Brooker 99 Wychrest Ave., Toronto, ON M6G 3X8
Panasonic RF-2200, RFB-45 VIA-E-MAIL
(DXinbg in Lenox, MA at the Kripalu Center for
Yoga & Health. w/Panasonic RFB-45

LOGGINGS

- 590 WLQE VA Lynchburg 6/5 0230 NEW. ID's "The Lake" Played J. Mathis, B. Goldsboro, Mann Trans. (CB-NY)
- 740 WVCH PA Chester 5/12 2200 fr o/CBL w/ID as "You're listening to the Christian station 740 WVCH serving Chester, Philadelphia, and the entire Deleware Valley" into UPI NX. (MB-MA)
- 1240 WWCO CT Waterbury 5/27 1045- music programming // 1250 WARE Ware, MA Seperate ID's & ads. Don't know if this just because both get their music off a bird & is merely coincidence, Que pasa? (CB-NY)
- 1260 WBUD NJ Trenton 5/15 2135 fr w/"Great Gold 1260 WBUD" ID into "In the Guetto" by Elvis. (MB-MA)
- 1550 WXVA WV Charles Town 5/17 0700 pr u/WNTN's sign on w/ID as "This is the USA station, WXVA" into USA Radio nx. (MB-MA)
- WKQV PA Pittston 6/16 2000 fr-gd o/CBE w/Flyers vs. Rangers hockey, promo for Scranton Area March for Jesus, and non-IDs as "Warm radio". presumably simulcasting WARM-590. Killed at 2015 when they changed patterns.(MB-MA)
- 1590 WAKR OH Akron 6/4 0233 ID, "Talkradio 1590-WAKR" into talk about real estate. (CB-NY)

T.I.S.

- 530 WMNY250 FL Lake City 5/15 TIS info station, giving info on Lake City. Did NOT see any signs on I-75 about this station. Not a bad signal, listened for about 10 miles. Also noted some morse code underneath. Perhaps "C.Y.U." (LF-FL)
- 1610 ---- MA Falmouth 6/4 1320 "This is the Steamship Authority Travelers Info System. Welcome to Falmouth. Followed by directions to Martha's Vinyard Ferry from Falmouth & Hyannis. (CB-NY)
- 1610 ____ NY 6/5 -146 Message by Libby Pataki re NYS summer events, dial 1-800-CALL-NYS. Followed by WX report & explanation of Thruway WX warning light signs. (CB-NY)
- 1620 ---- NY Niagara County Tourism 6/4 0156 Falls events, mention fireworks displays, looking for former honeymooners to return. 1-800-338-7890. (CB-NY)

SPECIAL INTEREST

- 1630 WSPN CT Bridgeport 5/14 1400-1430. Played Jazz & Reggae, ad for auto repairs. Called station at 203-368-2253 (fax 203-368-2519) they are broadcasting with Part 15 authority at 100 milliwatts. Six translators around the city, transmitter at Seaside Park, CT. On air for 1 month and seemed happy with my call. Said they would send QSL for report, addressPO Box 9412, Bridgeport, CT 06601 (CB-NY)

UN-IDEN:

- 1630 ---- -- 6/6 0135 "...Digital Recorders Inc. testing highway advisory This is only a test." Followed by YL repeating several times what sounded like "135 Chicago", then "136 Chicago". Believe this is same UNID TIS reported previously. (CB-NY)

Thanks to Mike & Charles we have a report this month..Won't be long until the IRCA Convention. Hope you all enjoy it this year. See you next month.....fresh



Western DX Forum 73

Reid Wheeler, Editor

5910 Boulevard Lp SE
Olympia WA 98501-8408
e-mail - reid@olywa.net

(360) 786-6756 6-9pm PLT

Deadline: Saturday 2 weeks before publication

Pete Taylor - 6002 Bayview Dr NE - Tacoma WA 98422-1227

pvtaytac@brigadoon.com

[5/29] There has been a proliferation of "talking house" transmitters in my area. Apparently, Prudential Realty has bought a slew of these things. There are two within a half mile of my house (one on 1609, one on 1610), also, while driving up Slayden Rd./320th to I-5, I was able to hear three different ones along the way. The units are manufactured by Realty Electronics (800/444-8255) and the one with the 1.5 min. chip runs about \$300. The company says the terms "Talking House" and "Talking Home" are copyrighted. Nothing else is new on the local radio scene except KKMO now has a spur on 1530.

Frank Aden, Jr, N7SOK, 4096 Marcia Place, Boise ID 83704

[WVLL23A@prodigy.com]

[6/3] Hi! I will not be making the convention after all, it is just at the wrong time per my schedule. May be down in LA in December though for the TOMORROW NEVER DIES premiere. Will have to wait and see. KTIK has their three new towers up, triangle pattern, two on the west side. Bill Frahm says they are 180ft high but they are approved for other heights. Their original tower of 370ft is still up. No one seems to know when they will move to 1350. I have been taking to Bill Frahm (CE, KBOI) about the future of AM radio. He thinks that digital will not be used and all AM stations will move to UHF frequencies using a cellular type system in 10-20 years. Since we can not expect many of the other nations of the world to do the same it could open some interesting possibilities for new AM DX but he has said there is some talk that the current AM band will be turned over to local two way radio. That would make some interesting listening at night! If all this goes through as they are saying, AM DXing may be on the way out as it low band TV DXing since channels. 2 through 6 are supposed to be vacated by 2006. His comments on the expanded band are interesting in that we may not see many of the allocated stations move to it as they are now having to worry about financing their eventual move to UHF. The next few years are going to be very interesting. I just talked to Bill Frahm and he says their new pattern is to protect Simi Valley! He also said that two way radio moving to AM would be impractical due to the great power and tower heights needed and thinks a few stations will stay on the band after UHF digital takes off. 73 Frank

Larry Godwin, 2390 Clydes Dale Lane, Missoula, Montana 59804

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

[6/4] Greetings! Conditions during May were better here than in 1996, but now I'm in the June doldrums. Reception at this northern latitude is pretty dismal from late May through early July. I used to think the "new DX season" started in September, but now I'm persuaded that for me, it's earlier. Conditions do show marked improvement in July and I'm looking at the summer solstice (around June 21) as the official beginning of my new DX-year. My May high-light was logging XEBS-1410 in Mexico City, and since I didn't hear an ID, I tracked it down by making four phone calls to our southern neighbor. I've overcome my anxiety about making international calls. I found the AAA Mexico tour guide immensely valuable; it gives interesting phone numbers, like tourism offices and even a toll-free number (from the U.S.) in Mexico City. That way I was able to avoid the super-expensive calls for international directory assistance. All for now. Congrats to Doug Lamerson's for logging WABC-770, one of my most-wanted's. Good DX to all and 73.

22

EASTERN

DX

FORUM

DEADLINES: SATURDAYS

Richard C. Evans
237 Laurel Meadows Drive
West Columbia, SC 29169-2312

Phone: 803-926-9809

E-mail: REvans5435@aol.com

Deadlines: 7/5, 7/26, 8/9, 8/23, 9/6...

R.C. Watts, 410-9 Graf Drive, Louisville, Kentucky 40220-3016

WAVG-980- and WXVW-1450 simulcasting this May 30. Both with Wave IDs during programming. I wonder if 1450 will take the WAVG call when 970 becomes WLKY> Sounds like a reasonable move. Got the house painted inside and out so re[hang] the backyard wire and got the Rx room back in operation today. To celebrate the event I've ordered a Drake SW-2 from Universal. I liked the price and the large frequency display. The U.S. company had something to do with it too! Hope it works out is it'll probably be the last radio I'll buy. Don't expect to pass on that soon, but I've left orders that I be buried with my Sony portable, with fresh batteries in and headphones on. I hope to find some way to send back reception reports! July PopComm notes a CP issued for another 1660 kHz experimental DAB in Cincinnati. Hope I can hear this one! Hope you all have a great summer too.

Eric Bueneman (NOUIH), 631 Coachway Lane, Hazelwood, Missouri 3042-1347
314-839-9751 (prepaid calls only!) E-Mail: EricB631@juno.com

Another format change has occurred in the St. Louis market. KATZ-1600, which had dumped its talk format just four months ago, has dropped its R&B oldies format for Urban Gospel, calling itself "Gospel 1600". The station is much easier to hear at night than their principal competition, KSTL-690 (KATZ has kw at night, KSTLK only 18 watts). However, KSTL has a better daytime signal than KATZ, due to the former being on a lower frequency. I looked at the latest list of stations that the FCC has approved to move to the expanded band (as published in Radio World), and, again, I did not see KCTE-1510 Independence, MO on that list. How could the FCC, which granted such moves to WJDM Elizabeth, NJ and KXBT Vallejo, CA (both towns of over 100,000 residents with its only radio service being a daytime-only AM station), but denied KCTE, being a 10 kw daytimer and in a town of 112,000 where this is their only radio service, a spot in the expanded band? It's proximity to Missouri's largest city, Kansas City, has nothing to do with it. First, from a programming standpoint, KCTE is the area's only all-sports station. Second, KCTE cannot possibly go full-time on 1510 since Independence is in an area where WLAC can easily be heard at night. The same was true with WJDM (with WSAI on its former channel, 1530, at night) and KXBR (with KEX on 1190 at night). Third, their studios and offices, according to the 1997 NRC Log are in Independence. My fourth and final point is that any move to the expanded band would put KCTE in a more-competitive position, even to compete with other stations for the rights to air local sports. KMBZ-980 has the Royals rights (the flagship is just 60 miles up the road, WIBW-580), and KCFX-101.1 had the Chiefs rights last season (I think they still do). The FCC, in their right mind, probably wouldn't have assigned it to a channel below 1630. They could, at some point in the future, shoehorn an expanded band assignment in for KCTE (with some stations approved balking at the move into the expanded band). It would have been an easy catch for a metro Kansas City station, noting that the expanded band stations we've heard have basically coast-to-coast coverage (for now), and that all full-time Kansas City metro stations, except WDAF-610, KFEZ-1340 and the

er-timers, run directional patterns full-time or at night. The Dorsey Group's KTRS-550/WIBV-1260 have moved their studios to West Port Plaza, near Interstate 270 and Page Avenue. In Maryland Heights, Emmis Broadcasting Company's WKBQ-1380/WKKX-106.5/WALC-104.1 has moved in with KSHE-94.7 at Union Station in downtown St. Louis, and American Radio Systems' KFNS-590/KEZK-102.5 has completed its move to 3100 Market Street in downtown St. Louis, where they join KSD-93.7 and KYKY-98.1. Also, Sinclair Broadcasting (WBAL-1090, WLAC-1510) has taken over River City Broadcasting's radio and television stations, including WVRV-101.1/KPNT-106.7/KDNL-30 here in St. Louis. FCC approval is still pending for the sale of KLOU-103.3 from Westinghouse to Entercom, and that of WRTH-1430/WIL-92.3/KIHT-96.3 from Heritage Media to Rupert Murdoch's News Corporation (misIDed as Robert Murdoch in a previous Forum). Of course, News Corporation, which owns KTVI-2, will sell the three stations, as Murdoch has no interest in radio. Besides, there's no room for three radio stations at KTVI's studios! 73 and good DX, Eric (N0UIH).



QSL

VERIFICATION SIGNERS

Stephen S. Howe
8 Dutch Village, Apt. DL
Menands, NY 12204
showe@cnsunix.albany.edu

My deadline is the last Wednesday of the month.

Contributors:

CB Charles Bernth, P O Box 236, Eastport NY 11941; 74752.1620@CompuServe.com
 EB Eric Bueneman [N0UIH], 631 Coachway Lane, Hazelwood MO 63042-1347; ericb631@juno.com
 CAD Charles A Dobbins, 1902 Mission Creek Circle, Houston TX 77084
 MH Mike Harvester, 3118 Gaitway Court, Jacksonville NC 28546-6973; 2lakota@coastalnet.com
 HL Henry Lazarus, 1313 Dauphine St, New Orleans LA 70116; henrylaz@neosoft.com
 PM Patrick Martin, P O Box 843, Seaside OR 97138-0843
 BP Bob Pietsch, 230 Winchester Court, Foster City CA 94404-3543; marbob@ix.netcom.com
 JDS J D Stephens, 106 Anita Drive, Madison AL 35758-7163; JSteph6711@aol.com

FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
540	XEWA	Ing. Miguel Angel Barrientos Valadez, Director Tecnico de Planta Transmisoras	Grupo Radiopolis Tlalpan 3000, Col. Espartaco 04870 Mexico, DF, Mexico	LQ+++	189fffff	JDS
590	WVLK	Tom Devine, CE	P O Box 1559 Lexington KY 40592	LM+	18	CAD
610	KCSR	Kathleen R Brown, Sales Mgr/Owner	226 Bordeaux St Chadron NE 69337-2344	L	4ffff+	JDS
620	WRJZ*	David A Berry, CE	1621 Magnolia Ave Knoxville TN 37917	LM+	34	JDS
	WPGU883	Don Nattinger, SysMgr	321 John Sartain Corpus Christi TX 78469	L	78	CAD
660	WFAN	Illegible, CE	34-12 36th Street Astoria NY 11106	QY	11	CAD
720	DYOK	Ninon R Sumalapao	c/o BGY Talanghavan Cabatuan, Iloilo 5031 The Philippines	L	85	PM
790	KFGO	Marty Berlinger, CE	1020 S 25th St Fargo ND 58108	L		CAD
820	WSCR	A J Bautista, StaffEng	4949 West Belmont Ave Chicago IL 60641	fx	11ffff	JDS
	HJED	Gloria J Restrepo L, Asistente Administrativa	CARACOL Cali Av 4 Norte, No. 4-65 Cali, Valle, Colombia	LB	32f	JDS

24

860	XECCN	Lic. Sergio E Cardenas Escobar, Gerente	Radio Caribe Uxmal s/n Cancun, Quintana Roo, C. P. 77500, Mexico	P	951f	HL
940	WYLD	J P Robillard, Engineering	P O Box 19066 New Orleans LA 70179	L	121	CAD
1000	XEOY	Zoila Quintanar Flores	Nucleo Radio Mil Insurgentes Sur 1870 Col. Florida 01030 Mexico, DF, Mexico	LB	35ffff	JDS
1010	KTUR	Fred Boyd, GM	353 East 200 South, #200 Salt Lake City UT 84111	L	9	PM
1090	KLWJ	Laurie Marlow, PD	P O Box 1410 Umatilla OR 97882	LM	16	PM
1160	WJJD	John Hurin (?), CE	180 N Michigan Ave Chicago IL 60601	Q	37	CAD
1210	WQLS	Linda Prescott, VP/GM	P O Box 2088 Dothan AL 36302-2088	L	12	HL
FREQ	CALL	NAME and TITLE	ADDRESS	WHAT	WHEN	WHO
1300	KACI	Michael Julian-Lewis, CE	P O Box 516 The Dalles OR 97058	L	4	PM
	KVET	Dustin Drew, PD	P O Box 380 Austin TX 78767	L	315ff	CAD
1370	KWNC**	Donald R Lockwood, StnMgr	P O Box 607 Quincy WA 98848	L	1236	BP
	KWNC**	Donald Lockwood, GM	P O Box 67 Quincy WA 98848	L	1171	EB
			Box 90, 506 Cowlitz Way Kelso WA 98626	L	1233	PM
1430	WOWW	Mary N Norman, GM	6080 Mt Moriah Ext Memphis TN 38115	L	46	HL
1490	KLOG	Bill Dodd, PD	Box 90, 506 Cowlitz Way Kelso WA 98626	R	2	PM
1580	WPGC	Tom McGinley, CE	6301 Ivy Lane Suite 800 Greenbelt MD 20770	R+	200f	HL
1620	WPA634	Cecil Williams, Emer- gency Services Mgr	Milpitas Fire Dept Office of Emergency Services 777 S Main St Milpitas CA 95035	L++	23	PM
	WPMJ404	Maureen A Kelley, ExecDir	Waynesboro/Augusta County Chamber of Commerce 301 West Main St Waynesboro VA 22980-0339	P	10	MH
1630	WSPN	Serge Petit-Homme, Mgr	P O Box 9412 Bridgeport CT 06601	L	7	CB

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 *important* comment below; ** [for this column] = See comment below

A late flurry of reports boosted this column to mid-season strength! Good to have Mike H. back with us! J D reports that the signer at WRJZ-620 sent him a letter verifying his reception after J D sent him a note thanking him for running the DX Test in which J D stated that he did not try to hear the Test! All of you who are trying to verify this station, beware of this action. And anyone who would be as unscrupulous as to send in a bogus report to this station claiming reception better have a backup tape to convince the rest of us. Note the two different addresses reported for KWNC-1370 (Bob and Eric have it as P O Box 607 and Patrick has it as P O Box 67). Also, the signer's title is reported slightly differently. Any clarifications, gentlemen? Per column policy, several tips were not included because essentially the same information has appeared in the past two or three columns. This column was prepared on 5/28/97. 73, SSH.

IRCA Technical Column

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

The SONY ICF-SW7600G, ICF-SW1000T, and ICF2010 as Medium Wave Receivers

When the SONY ICF 2010 first made its appearance in the mid '80s, one of its selling points was its synchronous AM detector, which, though not always as effective as some on more recent communications receivers, was a big step forward for any radio, let alone a portable. Recently, SONY has been making the synchronous AM detector a feature on other radios, even on one of its less expensive portable radios. How effective are such radios for medium wave DX?

Overall descriptions:

In this review, I will not describe memory and clock functions, as they tend to work as advertised. I will instead concentrate on the receiver part of each unit. The ICF-SW1000T is quite small (7 by 4 by 1.5 inches) which is extraordinary as it also includes a cassette tape recorder; the ICF-SW100, upon which it is based, and for which this radio review is likely relevant, is even tinier. The '1000T and SW100 both feature synchronous AM detection, as does the ICF-7600G, but unlike other radios with synch AM, the '7600G lists at under US\$200. The SONY 2010 is well known, but a few of its good points for a DXer in comparison with the '1000T and the '7600G can be re-emphasized. It has a 10-LED S-meter, while the others have a single tuning indicator; it also tunes in, and displays, 100 Hz increments. The 1000T tunes in 100 Hz increments only in SSB, and does not display those increments; the display is good to 1 kHz only, which is the tuning step size in the AM and AM synch modes. The '7600G always tunes in 1 kHz increments, but has an SSB fine tuning control for use between the steps.

Sensitivity (using the DX position of the front end attenuator):

In almost all cases the '2010 was most sensitive, often by only a small amount, when each set was using its internal loop antenna. For example, afternoon reception of fair audio from 50 kw KXL-750 200 miles away, was possible on the '2010, with only audio traces on the other two, and on 1100 kHz it was possible to hear audio traces from San Francisco in Victoria on the '2010, while only a carrier was audible on the others. And a weak signal on 1400 was able to lock the '2010's synch detector before it was audible in the splatter from 1410 on the others.

I prefer to use an external loop antenna for DXing on most portables, due to their relative insensitivity. Initially, I used an unamplified 3-foot box loop with its pickup link connected to the antenna input of each radio. In each of the radios, use of the antenna input switches out the internal antenna, so the signals heard are exclusively from the external antenna. (Note that the external antenna jack on the SW1000T is a miniature stereo type. The antenna signal goes to the "ring" of the plug, and the tip supplies 3 volts from the radio to power an optional

active antenna.) Again, the 2010 was the most sensitive. At dawn in early May, I was able to hear audio traces from Japan on both 774 kHz and 828 kHz, but only on the '2010, in both its AM and SSB modes. On the others, a carrier could be detected, but never audio in any mode. During the daytime, the 2010 was the first to show audio as KSWB-840 (200 miles away at 1 kw) faded up using the external loop; however, as the others (first the SW1000T then the 7600) showed audio, the sound was crisper and more readable than the 2010, even using its wide filter.

I disconnected each radio from the loop and directly coupled it by lining up the test radio parallel with the loop antenna with its loop null matched with the null of an unamplified 3-foot box loop. With all radios, sensitivity was better throughout the band using this method rather than connecting the loop through the external antenna connector. A 15" ferrite loop using Ralph Sanserino's amplifier (IRCA reprint A31) was also used with all radios via the external antenna input, and all radios showed improved sensitivity over the radios' internal antennas; the greatest improvement was with the '7600G. In all cases, direct coupling to the air-core loop provided vastly more signal, however.

Selectivity:

Making selectivity judgements on portable radios is often tied up with making judgements on their demodulation capabilities and signal handling capabilities as well. All these radios were able to easily separate out 10 kHz channels, except for channels adjacent to my locals (50 and 10 kw x 2 within 3 miles), but that was due to splatter rather than bleedthrough from the local station itself. The 2010 in the narrow position was most selective using the simple test of tuning past a local and noting where the signal became readable, as the carrier was shifted into the IF passband, then became unreadable again as the carrier was shifted out. It showed a readable signal between 1197.3 and 1202.7 for my local on 1200, while the other two delivered a readable signal between 1196 and 1204 kHz; both have only one IF filter. It was noted that the 7600G still showed readable audio from 770 on 774 when I was looking for Japan, but that the SW1000T showed only splatter from 770 on 774, so the '7600G seems to have the poorest IF filtering of the three. We don't usually have split channels coming in at equal strength to our semi-locals here, so I was not able to judge close-in selectivity, but I suspect the synch detector would be needed within one or two kilohertz of any 10 kHz channel on any of the radios.

Strong signal handling:

Before testing for strong signal handling, I made up a list of expected second and third order products likely to be generated by mixing between my local stations. (See "Spurious Responses and How To Recognize Them", IRCA reprint T10 for details on calculating second and third order products.) When using its internal antenna, each radio had weak but perfectly readable third order spurious responses on at least 3 of the 6 possible 10 kHz MW channels during the daytime; the other three were channels with semi-locals on them. Using the external loop usually provided sufficient front end selectivity to eliminate these products, but overload easily occurred if an external loop antenna was tuned to one of the locals while the radio was set to another channel. Second and third order products were also noted on the predicted longwave and tropical band frequencies of all radios. It was discovered that the '2010's spurious signals were stronger if the whip antenna was extended, but that problem wasn't noted with the other radios.

The SW1000T delivered clear audio from my locals on adjacent 10 kHz channels in the AM setting, but not in the AM sync or SSB settings. These spurs showed up as far as 30 kHz

away, and were also noted at 5 kHz increments from 15 to 45 kHz away as well. They are likely due to the synthesized local oscillator generating a number of spurious sideband signals every 5 kHz. There is a similar problem on the '2010 which delivers my locals 25 KHz either side of their assigned frequency. Such spurious signals can not be easily eliminated though a fix for the 2010's problem is described in a Medium Wave Circle booklet (reprint T10), "The Sony ICF2010 Collection" by Steve Whitt, for 2.95 British pounds, available from MWC, 86 Dereham Road, New Costessey, Norfolk NR5 0SY, UK. Fortunately, the responses were not observed on the '7600G.

Images were a problem on all sets on longwave, 910 kHz below two of my locals, but appeared to be worst on MW on the '7600G. Clear audio from a semi-local on 1450 kHz was heard on 540 kHz using that radio in the daytime, while the SW1000T delivered only a weak carrier which seemed to be caused by 1450; the 2010 showed no image there at all. At night, both the '7600G and the '1000T suffered image related hets on 10 kHz channels below 660 kHz. One advantage of using the loop antenna connected directly to these radios is that the images disappear with the tuned front end afforded by the loop.

Synchronous detection:

The 2010's synch detection is more likely to improve medium strength rather than weak signals, but it does at least substitute for sharper filters, by allowing one to listen to the sideband which suffers from less adjacent channel splatter, and so can improve the quality of a DX signal. The SW1000T synch detector has this USB/LSB capability, but it adds more wideband noise to the desired signal initially after it has locked up on a weak signal. However, once the received signal becomes stronger, the SW1000T delivers crisper audio than the 2010 does. The SW1000T's synchronous detector seems more useful than the 2010's because it is often the only way to make a splatter covered signal readable, but the 2010 would sometimes deliver a somewhat readable signal through the splatter even before switching in the synch detector. The synch detector on the 7600 also has USB/LSB capability, using the USB/LSB switch while the sync detector switch is also on, but isn't quite as useful for DXing on MW. The other two radios were able to escape splatter from 1410 on 1400 by going to the lower sideband (on the SW1000T, synch detection was the only way a readable signal could be delivered), but even after the 7600 had locked onto the weak signal on 1400, it was covered by splatter. On stronger signals adjacent to locals, the 7600's detector was quite able to pull something readable out of the murk however. Non-synchronous heterodyne detection (using USB/LSB positions to demodulate AM) is easiest using the 7600 because of its continuously variable SSB fine tuning control. The 100 Hz steps on the others are often not close enough to the received station's carrier. In addition, the SW1000T I was using had a zero beat about 600Hz low, and like the '7600, but unlike the 2010, the tone generated between the BFO and the incoming signal was unstable sounding.

Conclusion:

If you're looking for a portable with memory and reasonable SW capabilities but have a strong interest in MW DX, the '2010 is probably the way to go if you can justify the price difference between it and the 7600G. You're paying primarily for miniaturization and the tape machine with the SW1000T, so the '2010 is probably the better investment for the MW DXer. However, the SW1000T does seem at first hearing to have a better synchronous detector.

(Thanks to Victoria DXers Walt Salmaniw for the use of his ICF SW1000T and Colin Newell for his ICF 7600G)

IRCA Technical Column

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

The JRC NRD-535D as a Medium Wave Receiver

A brief description:

It's a relatively solid looking and feeling general coverage communications receiver, with digital display to 10 Hz and tuning steps down to 1 Hz, passband shift, IF notch filter, noise blanker and a bandwidth control. Stock filters are 2, 6 and 12 kHz, but the 535 with the "D" suffix also has a 1kHz IF filter as standard, as well as including the "ECSS" or synchronous AM detection option. A 20 dB front end attenuator is provided, which can be a requirement in urban areas, as the Radio Netherlands review found the radio to have a dynamic range of under 90 dB using the 2 kHz IF filter. It has 200 continuously tuneable memories which, as is pretty standard now, store mode as well as frequency information. Clock and timer are also standard, as is keypad entry, tuning knob and "up-down" tuning pushbuttons. All digital features seem easy to learn to use. There are a number of other features, but the preceding would be of most interest to the MW Dxrer.

How does it work?

Initially I didn't use a random wire with the NRD-535D, as with a 50 kw station and two 10 kw ones all within three miles, all grounded in salt water and beamed at my location, it seemed that I should let the radio show off its features unimpeded by possible collapse of its front end. My antenna was a three foot square unamplified tuned box loop for most of the tests. I compared the '535 with a SONY ICF-2010 and my homebrew radio which I have tried to optimize for medium wave use (multiple-ganged front end tuning, high level mixer etc., see IRCA reprint M56). Some comments are based on an earlier all-band comparison with an AR-7030 conducted using a short random wire, and upon observations as an interested bystander on Vancouver Island's west coast using Beverage antennas.

Sensitivity and selectivity:

Essentially, the set is sensitive and selective enough for most medium wave DX, and one can take the manufacturer's specifications on faith. This is fair comment for most recent communications receivers, as the limitations for hearing MW DX are more in the set's ability to deliver a crisp readable signal in spite of sideband splatter, and in the ability of its front end to handle strong local signals. This '535 was tested in early May, so there was not much in the way of overseas signals, but generally, if the homebrew receiver could hear Japan on 774, then the '535 and even the '2010 weren't that far behind. I felt that the 2 kHz filter, in particular, delivered audio that was too bassy for easy readability in AM, and even the 6 kHz filter delivered a bassy sound. I felt that both the 2 and 6 kHz filters delivered a relatively harsh response to sideband splatter in the AM mode, and no amount of control adjustments seemed to smooth the response to splatter; even domestic channels were often more comfortable listening on the '2010 or the homebrew. In tighter situations (Japan on 774

again), the splatter was more vigorous on the '535 than on the homebrew even when using SSB on the '535.

Demodulation capabilities:

A MW DXer will naturally be interested in the exalted carrier selectable sideband (ECSS) capabilities of the radio. Unfortunately, there really weren't many occasions where ECSS helped out a difficult signal. Signals that were already readable, but bothered with adjacent channel splatter, became more pleasant to listen to using the ECSS setting, but rough signals (such as Japan on 774, or KEX-1190 next to my local on 1200) were not improved by its use. Adjusting the passband shift while using ECSS sometimes helped with LSB signals, but not often. As with AM alone, the resulting audio was somewhat bassy. Radio Netherlands preferred JRC's synchronous detector to the ESKAB PLAM add on, so I wonder if the one I tested was lacking in some way.

I found that judicious use of the 2 kHz filter, bandwidth control, passband shift, RF gain with AGC off, and SSB rather than AM detection delivered the most readable signals; this would be my preferred way of serious DXing with this radio. Using this method, the '535 was sometimes able to outshine the smooth sound of the AR7030 when receiving difficult signals. Note that it's generally agreed that the NRD-535 has better quality audio than the NRD-525 did, and good audio quality is helpful when DXing.

Signal handling ability:

I had high hopes for this set, because it has a tuned front end (varactors controlled by the microprocessor), rather than the 1 MHz and wider passband filters common in radios of this kind. I was surprised to find that even while using a tuned unamplified loop, I was able to hear my local on 1200 when tuned to 1330 (a third order product with another local on 1070). The signal wasn't strong, and was unnoticeable at night, but it was disappointing, as some effort seems to have gone into front end design. Perhaps the varactors themselves contribute to the problem, as they don't take kindly to RF voltage swings in excess of their bias voltages. As a check that this wasn't an external product, I did feed the homebrew with a random wire, and could not find any evidence of 1200 on 1330. Using a random wire and the attenuator revealed second and third order products (the one on 940 was particularly strong) on all the predicted channels on LW, MW and the tropical bands when using the '535, which wasn't too much different from the problems observed on the '2010 under the same circumstances.

In general, I didn't find this a "quiet" radio; there seemed to be a noticeable noise floor if one could get away from splatter, but I realized this had more to do with digital noise from the radio getting into the loop rather than a noisy synthesized oscillator or third order products. This belief was verified, by observing much of the same noise on the other radios when using the loop; the noise went away when the '535 was powered down. Unfortunately, the '535 needed the loop in order to work well, and the loop was only a few feet away from the radio, so the digital noise might have overridden weak spurious signals generated during the reception of strong signals.

Image rejection seems easily as good as the 70dB+ specifications. I could barely generate a slight het on 540 when tuning the loop to semi-local KONP on 1450, which is better than the homebrew and any other radios recently used.

Other observations:

It's just as well that the AGC can be switched off, because splatter peaks can leave "holes" in the audio output, in the fast setting. The slow AGC setting occasionally had the same problem, and the gaps in audio were longer. The sound is harsher with AGC off, and one has to ride the RF (actually IF) gain to compensate. AGC "pumping" could be a problem with the '535 even in the slow position. For example there were several signals on 1580 along with subaudible heterodynes, and the mix was nearly unreadable on the '535 without the AGC off, and/or the RF gain down. The AR7030 had no problems with pumping on any of its AGC settings in comparison.

The digital S-meter is quite jumpy even with slow AGC, and can make it difficult to find nulls on stations when there is any extraneous noise or splatter. I didn't find the noise blanker of much use with the power line hash which sometimes turns up on MW here; others say it is quite effective on interference on shortwave signals.

As with many modern radios, the 200 memories are a treat to use, particularly on expeditions, as one can set them to favoured DX channels, and just scan through them using the tuning knob.

Conclusions:

The NRD-535 is easy to use, and has many fine capabilities, but is not the ultimate MW receiver in spite of its automatically tuned front end. Medium wave DXing presents many challenges to the demodulation capabilities of radios, and, except for the SSB technique described above, I was not entirely happy with its abilities, in spite of the range of its controls. Admittedly, my location is a challenging one for any radio, but the NRD-535 is more expensive than most of the widely available communications receivers, so I felt that it should be judged by stricter standards.

(thanks to Victoria DXer Walt Salmaniw for the loan of his NRD-535D for the purposes of this review)

IRCA Reprints

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

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

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!

FIRST CLASS
U. S. POSTAGE
PAID
PERRIS CA
PERMIT NO. 120



FIRST CLASS MAIL

34-29
DOUG NYHOLM
2071 CEDAR ST
SAN CARLOS CA 94070
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.

CLUB ADDRESSES AND OFFICERS

President: Phil Bytheway, 9705 Mary NW, Seattle WA 98117-2334 (206) 356-3927 W
(proposals), email: bytheway@atk.com

Secretary-Treasurer: John C Johnson

Board of Directors: Shawn M Axelrod, Larry Godwin (chairman), Michael S Hardester, Nancy Johnson, Patrick Martin, JD Stephens and Robert Wien.

Editor-in-Chief/Publisher: Ralph Sanserino, PO Box 1831, Perris CA 92572-1831. (dues/address changes), email: 740412430@CompuServe.com

Publishing Coordinator: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117-2334

MEMBERSHIP DUES

U.S. - \$25.00 per year. Canada - \$27.00. Overseas Surface - \$28.50. Overseas Airmail - \$35.00 (Central America, Caribbean, Colombia and Venezuela), \$38.00 - (Europe, North Africa, Middle East), \$41.00 (rest of the world). Trial Membership - \$9.50 (10 issues of **DX Monitor** and a New Member Packet, U.S. / Canada / Mexico only). Installment rate: two payments of ½ dues plus \$1.00 (\$13.50/payment for U.S. members). Make checks and money orders payable to IRCA and send all dues (and address changes) to: IRCA, PO Box 1831, Perris, CA 92572-1831. Persons living outside the U.S., please use International Money Order in U.S. funds. Sample copies of **DX Monitor** are 32c (50c to Canada) and two International Reply Coupons each and are available from: IRCA, PO Box 1831, Perris CA 92572-1831.

Unless otherwise noted, permission is granted to publish, broadcast, or otherwise reproduce non-copyrighted material appearing in **DX Monitor** provided credit is given to the IRCA and the original contributor. Opinions in **DX Monitor** are those of the original contributors and do not necessarily reflect those of the IRCA, its publishing staff, editors or officers. pb