

DX News

* Serving DX'ers since 1933 *

Volume 64, No. 15 - January 20, 1997 (ISSN 0737-1659)



Inside...

2 .. AM Switch
4 .. DDXD
13 .. IDXD

19 .. WJDI
21 .. Target DX
23 .. Newfoundland DXPD
46 .. Musings of the Members

CPC Test Calendar

WNRK	DE	1260	Jan. 26	0000-0200
WILM	DE	1450	Jan. 26	0100-0300
WYTI	VA	1570	Feb. 1	0000-0030
KATZ	MO	1600	Feb. 3	0200-0230
WHLO	OH	640	Feb. 10	0100-0130
WBOW	IN	640	Feb. 16	0030-0100
WPPI	GA	1330	Feb. 22	00000-0200
KIMM	SD	1150	Feb. 23	0200-0300
WCGW	KY	770	Mar. 2	0515-0545
KKFJ	CA	570	Mar. 23	0300-0400

WWCN-770 - P. O. Box 9600 - Estero, FL 33928 will conduct DX tests from 0030-0100 am EST on Jan. 20, 21, 23, 27, 28, 29, 30; Feb. 3, 4, 5, 6, 10, 11, 12, 13, 17, 18, 19, 20, 24, 25, 26, 27; March 3, 4, 5, 6, 10, 11, 12, 13, 17, 18, 19, 20, 24, 25, 26, and 27 at 1,000 watts directional between 12:30 and 1:00 am EST January through March. The tests will include Morse code IDs inserted during their regular programming of old-time radio serials and vintage comedy. Reception reports may be sent to Mr. "Joey C.", Program Director. Arranged by J. D. Stephens for the IRCA CPC.

From the publisher ... The emphasis this issue is on international DX, with the heart of our coverage being the first part of a long article assembled by Dr. Jean Burnell and covering the highlights of the recent DXpedition to the coast of Newfoundland. We'll conclude the article in next week's DXN.

For those that are keeping track of DXN delivery, #13 did not go out until Saturday morning around 10:30 (instead of the normal Friday evening), as I was not able to get it from the printer until late Friday. After you receive this issue, please forward your chronology of deliveries of #8-15 to the publisher in Topeka no later than February 1, and I'll compile and tabulate the results to see just what the quality of DXN delivery is, at least to those reporting.

Dr. Bruce Elving has informed NRC Publications Manager Ken Chatterton that #16 of the *FM Atlas* is no longer available, but that #17 will be available soon (through the author and NRC Publications).

Ron Fox recommends this cyberspace address for the official database of the FCC for U. S. am/fm stations: <<<http://www.airwaves.com/fccdb.html>>> Also, for am/fm/sw/satellite stations lists for rebroadcasts of old time radio shows, try: <<<http://www.old-time.com>>>.

Finally, Bob Fox W3NE writes: "I noticed comment published in *DX News* about KYW being off-air on 1060 kHz during a temporary move to 1210 kHz a few weeks ago. I mentioned this to my friend Chris Brady, who works for KYW-TV, and asked him to let me know of any future plans for 1060 to go dark in Philadelphia. He is in a good position to do that because Westinghouse has closely-integrated KYW AM and TV operations. Chris appreciates the value such information has for the thousands of medium wave DXers in the U.S. and Canada who will use the opportunity to listen for weaker stations normally blanketed by KYW, and he has explained that situation to a colleague who can provide advance information on the station's broadcasting activity.

"Chris told me that KYW is going to replace antenna guy wires, necessitating a temporary change in normal broadcast activity. The present status is that the steel for the project has been ordered, but plans for alternative programming have not been made. However his contact, now aware of the value of such information, will pass along any pertinent news when it becomes available. Of course I will notify you immediately of any activity I learn about. In the meantime, it might be worthwhile to advise active DXers to keep an occasional watch on 1060 in case developments occur too rapidly for advance notice."

DX Time Machine

From the pages of DX News:

50 years ago ... from the January 25, 1947 DXN: A number of members, including Pat Reilley, Grant Batson, and Al Maley, heard a mystery station on 1550 kHz on the morning of Jan. 19 playing marches and songs by male choruses and announcing as "KINE" with a foreign accent. As no such station is listed, this was suspected as having been a pirate.

25 years ago ... from the January 22, 1972 DXN: Ray Moore recalled that "Those Were the Days" ... when WOKO-1440, 500 w, was received by Ollie Ross, Vallejo, CA for a solid week, from 11 am to 2:00 pm PST ... when 15-watt 2Z1 Hastings, New Zealand was received by Robert Rawstron, Claremont NH in January, 1932 ... Frank Wheeler, Erie, PA, reported in the May, 1933 issue of *RADEX*: "I have a 9-tube Silvertone. I did have a 6-tube Silvertone and with it received 375 stations, and since getting the 9-tube set I have increased this number to 411."

10 years ago ... from the January 19, 1987 DXN: Dr. Richard Wood, Hilo, HI, received a verie from Radio 1-1053 kHz, London, for a reception on October 13, 1986, between 0530-0550.

2 AM Switch

Jerry Starr
c/o WHOT Radio
4040 Simon Road
Youngstown, OH 44512-1320

Status changes in AM stations, supplied by the FCC and listeners

CALL LETTER CHANGES

Old call	New call
550 KCWR CA Bakersfield	KUZZ
750 *New MI Petoskey	WJNL
820 WSCR IL Chicago	WYPA
840 KVEG NV North Las Vegas	KXNT
860 KVVA AZ Phoenix	KMVP
870 KAAN MO Bethany	KIRK
1190 KDFX TX Dallas	KOOO
1290 KAPY WA Port Angeles	KKNW
1310 KXNT TX San Antonio	KPOZ*
1340 KKTR CA Fresno	KCBL
1410 WNCQ NY Watertown	WCIZ
1450 KAVA CA Burney	KMCA

*Note: KXNT-1310 was granted a change to KPOZ on 11-29 and then had the change set aside on 12-20. Now they are once again requesting the change to KPOZ

APPLICATIONS FOR NEW STATIONS

None

GRANTS FOR NEW STATIONS

750 MIPetoskey: 1000/330 U4

APPLICATIONS FROM EXISTING FACILITIES

800 KINY AK	night power to 8500 watts
860 WACB NC	Taylorsville: 1000/250 U2
990 WPRR PR	Mayaguez: 910/910 U1
1240 KMCL ID	McCall: city of license to Donnelly, ID, relocate transmitter site (another long-silent station scrambling to beat the February deadline)
1240 WGBB NY	Freeport: night power to 1000 watts
1550 KPIX CA	San Francisco: day power to 25000 watts

GRANTS TO EXISTING FACILITIES

630 WDGY MN	St. Paul: 900/130 U4, city of license to Hudson, WI, relocate transmitter site
870 KIEV CA	Glendale: 20000/1000 U4
890 WYAN AL	Hartselle: 2500 D1
1060 WBIV MA	Natick: 500 D1, relocate transmitter site
1080 WOKU WV	Hurricane: 1000 D1
1130 WLBA GA	Gainesville: 2200 (700 CH) D1, city of license to Powder Springs, GA
1170 WBRW NJ	Bridgewater: modify CP to show 243 watts
1250 WREN KS	Topeka: 15000/3700 U4, relocate transmitter site, city of license to Kansas City, KS
1380 WMTD WV	Hinton: relocate transmitter site
1410 WLVV AL	Mobile: 5000/3900 U2
1520 KOLM MN	Rochester: 10000/800 U6
1550 KRGQ UT	West Valley City: relocate transmitter site (this application was dismissed 11-29, then reinstated 12-10)
1600 WWRL NY	New York: 25000/5000 U4

OTHERNESS

580 WTCM MI Traverse City: CP for 15000/800 U4 is on



590 WBNW MA	Boston: now relaying WEZE-1260 Boston, the WEZE calls and format will move to this frequency in early 1997, no word on the plans for 1260
670 WVNS VA	Claremont: new station has their four towers up and transmitter is on order, this long standing CP is still very much alive
900 WCBX VA	Bassett: CP for 1100/180 U1 is on
910 WTLM AL	Pepperell: application to reduce night power to 72 watts has been DISMISSED
1010 KDLA LA	DeRidder: silent station is ON THE AIR
1080 WDSY PA	Pittsburgh: silent station is ON THE AIR but still using this call and relaying FM, no sign of new call (WPGR) or format (REL) yet
1340 WLVC ME	Fort Kent: license CANCELLED and call DELETED
1370 KRAF OK	Holdenville: station is SILENT but has plans to return to the air in February 1997
1380 WAMS DE	Wilmington: another long silent station is making a move to preserve their license come February, they are preparing but have not yet filed an application for 1000 D1 just to get on the air before the deadline
1410 WIQR AL	Prattville: station whose license expired 6-3 has had its license and call reinstated by the FCC on the condition that they resume operations before the February deadline
1460 KZOT AR	Marianna: station's application for license renewal has been DISMISSED, has been silent since 1992
1540 WNWR PA	Bala Cynwyd: station is operating daytime only despite having a fulltime license
1600 WKEN DE	Dover: station has been calling itself "WQCQ" except for legal IDs when they are still WKEN, expect a call change coming soon

THANKS: Al Merriman, Ed Krejny, Dave Schmidt, Les Johnson and MSJ

It's that time of year when the FCC releases virtually no information between the holidays; we'll return in issue #16 to begin our 15th year of AMS editorship with Switch #400! (Where have the years gone????)

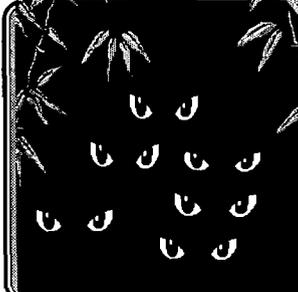
73 and Good DX, Jerry Starr & Buffalo K. Foonman

Jerry & BKF



THE DX'PEDITION HANDBOOK

The DX'Pedition Handbook ...
is simply all you need to plan your next DX'pedition. \$8.95 to NRC members, \$12.95 to non-members. Order from NRC Publications - Box 164 - Mannsville, NY 13661. NY orders, please add sales tax.



From NRC's DX Audio Service ...
'After Dark 6'
Now available: Clyde Clifford of KAAY's 'Beaker Street', the 1340 kHz Travellog, radio talk show basics, WJY, the AOSC, radio sportscasters, and southern black radio. 4 C-90 tapes in a white binder: \$9.50 postpaid from NRC Publications - Box 164 - Mannsville, NY 13661. NY orders, please add sales tax.

Domestic DX Digest

West: Bill Hale billhale@wazoo.com

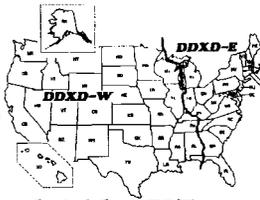
301 Boulder Bluff - San Marcos, TX 78666-8350

East: David Yocis DavidYocis@aol.com

David Yocis - 97 Clinton Ave. - South Nyack, NY 10960

DX Catches in the U. S. and Canada, with 24-br. ELT

(Division line is
between East and
Central time zones)



DDXD-West

MEDIUM WAVE RAMBLINGS

- What's the old saying? Forewarned is forearmed? Okay, this IS IMPORTANT FOR YOU E-MAILERS!!! As of January 31st, I will no longer be in Alamogordo and receiving E-Mail at Wazoo. I have been assigned to our "home office" in the Dallas area and will be moving there the first week of February. So, until I get established there with an Internet provider, all reports will have to be sent via snail mail to the San Marcos address . . . or wait. I'll try to get "connected" as soon as possible and get the word out to all my E-Mail correspondents. In the mean time, please have patience and we'll be back on-line soon. To you regular mailers: continue sending mail to the San Marcos address until I get a new QTH. Thanks.
- As promised a couple of issues ago, I've computed the "down under" 1240 Graveyard DX Achievements of Sam Dellit, and the results appear at the end of the column. And more GY goodies: a report from Great Britain, courtesy of Steve Whitt, also graces our pages this week.
- While taking a break between donning multiple sets of long underwear, Shawn sez: "Some good DX at last. Weather has turned somewhat nicer but still too cold for a trip to Valhalla Beach DX site. Perhaps in next couple of weekends if all goes well. Please no more snow from the USA. These storms from Montana and the Dakotas were not part of the Free Trade Agreement. We will send mosquitoes if you don't stop!!"

REPORTERS

- BK-CA Bob Karchevski Sunnyvale Drake R8-A with SM-1 (loop) <karchev@nt.com>
 BF-IL Barry Finkel Chicago Yaesu FRG-7700, McKay-Dymek DA-5 antenna
 <bsfinkel@anl.gov>
 PL-IL Peggy Leifert Woodridge Superadio III
 DK-CA Don Kaskey San Francisco Realistic SW-100 + SM-2
 TJ-SD Terry Jones Plankinton AR-3030 + 70' horizontal wire
 JR-OK John Reed, KA5QEP Ponca City modified Sylvania R1414/URR + noise reduced
 wire + Palomar loop phased with ANC-4, Kiwa MW loop
 DP-HI Dale Park Honolulu
 DP-HI* DXing from Hawai'i-Kai with Honda car radio
 SA-MB Shawn Axelrod Winnipeg ICOM R-70 w/filter mods and PLAM board + 4' box
 loop/Quantum Loop/100' lw <saxelrod@mb.sympatico.ca>
 INet Internet resources
 Ed.-NM Editor Alamogordo

SPECIAL

- 600 CKAT ON North Bay - 1/5 0138 - Poor signal in KSJB null, with new calls and new C&W format. Ex: CFCH. NEW. (SA-MB)
 630 WLAP KY Lexington - Slogan is Sports Radio. Log17 already lists SPTS, but not the slogan. (BF-IL)
 760 KGU HI Honolulu - 12/10 0102 - Noted off the air after broadcasting Bruce Williams just a few minutes earlier. Usual KFMB noted in its place. Back on in recheck four hours later. (DP-HI*)
 1110 KAOI HI Kihei/Wailuku & 790 KKON-HI Kealakekua/Kailua-Kona - 12/17 - Are announcing they will carry the new Dick Cavett Show beginning 1/06/97, replacing Dr. Joy Browne, which airs here at 0406-0600 local time! (DP-HI)

- WKRA MS Holly Springs - Noted on the air 12/8 at 0421 with REL and R&B music. Supposed to be daytime only? (PL-IL)
 1190 KOOO TX Dallas - 1/13 - Now these calls and WW1- talk, WOR- talk. Format and calls moving from 94.9 FM. (INet)
 1340 KCBL CA Fresno - 12/20 0120, 12/21 0025 & 12/25 1005 - Ex:KKTR with new format (sports). Call sounds like KCDL, KCDN or KCBN. Can't be sure as QRM is fierce. Slogan is All Sports and is on One-on-One Sports Network. (DK- CA) [FCC says it's now KCBL - Ed.]
 1440 KDIZ MN Golden Valley - 1/4 0851 - Fair-to-good signal with new format. They are now running a Disney or children's orientated program. Programs include as per their ads Magic Kid's Theatre and Goosebumps. Heard non-IDs such as K-Disney and lots of Radio Disney. NEW. (SA-MB)

DX AND EQUIPMENT TESTS

- 620 KAAM+ TX Plano - 12/9 0200-0230 - Weather report at 0200 (temp 75 degrees), then Unforgettable 620, K Double A-M. CIDs at three different times, music by the McGuire Sisters, Johnny Mathis, Lou Rawls and yes, per BK-CA's report, they did play Red Roses For A Blue Lady. Plenty of IDs as both K-A-A-M and K Double A-M. Had to fight with WTMJ the whole time to hear test. My first test heard! (PL-IL)
 630 KJSL+ MO Saint Louis - 12/30 0300-0330 - Heard in the null of WLAP-KY. Was this a DX test? The "Log 17" lists this station as "NSP" and "REL:TLK"; I heard what sounded like a normal religious talk program. There was nothing in "DX News" giving details of the test. (BF-IL)
 1140 KXNO- NV Las Vegas - 1/4 0300-0300 - Only heard KHTK in Sacramento with One on One Sports. I expected 10 kW non-directional to be interfering, but not a peep. (BK-CA)
 1200 CFGO- ON Ottawa - 1/6 0300-0332 - WOAI with CBS News, then talk show. Nulled C&W music from CKXM-BC. SS station heard occasionally; nothing else. (BK-CA)
 1420 KSTN+ CA Stockton - 1/1 0332-0501- Test in loud, but not too clear. "Test" was basically a "Worldwide DISCO party" with a DJ who gave VIDs after every record. There was no Morse code while I was listening. If I nulled KSTN, I could hear XEXX-BCN. Also, another station was faint at times under KSTN. (BK-CA)
 KSTN- CA Stockton - 1/1 0545 - Test not heard. (SA-MB)

MIDNIGHT TO 0800 HOURS ELT

- 560 KLVI TX Beaumont - 0754 - Sports talk, call ID. (JR-OK)
 640 KFI CA Los Angeles - 12/9 0150 - In briefly, with ad about fair housing and ID. (PL-IL)
 650 CKOM SK Saskatoon - 12/9 0130 - Rare appearance, on top of WSM with Do Wa Ditty Ditty and Tina Turner's We Don't Need Another Hero. (PL-IL)
 780 WBBM IL Chicago - 12/10 0055 - Don Weller with Wall Street Journal Report, man with time check WBBM news time 11:57, ad for Design Tuscan interior arts store on Magnificent Mile in Chicago and downtown Arlington Heights. TC WBBM news time 11:58, woman with traffic and weather on the eights. Faded out. Fair to poor, over/under KKO. (DP-HI*)
 980 KCHT WA Yakima - 12/12 0350 - Noted under KFVB with Art Bell. (DK-CA)
 1030 KTWO WY Casper - 12/31 0728 - Ad for Wyoming Stationary, C&W music. In pahse null of KCTA-TX. (JR-OK)
 1240 KSUE CA Susanville - 12/18 0134 - Atop, with ID and AC music. (DK-CA)
 1260 KICN ID Idaho Falls - 12/16 0300 - With CL ID as KECN Blackfoot-Pocatello and KICN Idaho Falls. In tight KOIT null. Had tele-talk from 0230-0300, then ABC News to 0305 with ID, national weather at 0306 and into Joe Mazza (Mazek?) Tele-talk show The Lighthouse Special. Also noted 12/18 0100 with ID as above and into ABC News. 64 watts?? (DK-CA)
 1280 KKAL CA Arroyo Grande - 12/18 0155 - With ID as Central Coast's Sports Leader. Seldom heard this year. (DK-CA)
 1340 KTOX CA Needles - 12/25 0231-0233 - With local ads for Needles and across the river in Arizona. CL ID and K-Tocks. K-Tox News Talk Radio. This was not //

WKTJ

- KRLV. First time heard since KSFE in 1950 from Iowa. (DK-CA)
 1400 KQMS CA Redding - 12/19 0100 - With ID, noted in KVTO null. (DK-CA)
 1410 WIZM WI La Crosse - 1/3 0745 - Call ID, local news, fading. (JR-OK)
 1440 KITA AR Little Rock - 1/3 0730 - Call ID, then lost in QRM from KPUR-TX. New here. (JR-OK)
 1480 KRXR ID Gooding - 12/12 0247 - Easy through KYOS, with Cowboy ID, local promo and C&W music. Good for 67 watts. (DK-CA)
 1490 KCID ID Caldwell - 12/11 0800 - With ID as *Serving the Valley since 1941* - KCID. (DK-CA)
 1500 KSTP MN St. Paul - 12/18 0050-0100 - With talk and many ads/promos. Heard well under KSJX. (DK-CA)
 1630 KXBT CA Vallejo - 1/1 0145 - Good signal, with clear ID as 1630 KXBT, then local ads and info. Said they were in stereo but no mention of // 1190. (SA-MB)

0800 TO 1600 HOURS ELT

- 540 CBK SK Regina - 1/02 0800 - Canadian news, call ID. In phase null of XEWA. (JR-OK)
 750 KJEL MO Lebanon - 1/1 0823 - C&W music, ads for area businesses, heavy QRM. (JR-OK)
 800 CHAB SK Moose Jaw - 1/1 0805 - Ads for Moose Jaw business, C&W music. In phase null of SS station. New here. (JR-OK)
 940 CJGX SK Yorkton - 1/5 0800 - Very good signal, with Ukrainian religious program to 0830 when it was followed by REL program in EF. This will be usual Sunday morning schedule instead of country and western music. (SA-MB)
 960 CFAC AB Calgary - 12/31 0804 - News, weather (it was COLD), C&W with call ID. New here. (JR-OK)
 1040 KGGR TX Dallas - 1/5 0811 - Religious music, talk. In phase null of WHO-IA. (JR-OK)
 1060 KLMO CO Longmont - 12/24 0830 - Fair, with weather report, station ID into Paul Harvey. (TJ-SD)
 1090 CKRX AB Lethbridge - 12/24 0851 - Poor, with ID as *Southern Alberta's Home of Rock and Roll*, then ROK music. Weather and news at 0902. (TJ-SD)
 1200 KYOO MO Bolivar - 1/4 0819 - C&W music weather, call ID. In phase null of WOAI-TX. (JR-OK)
 1630 KXBT CA Vallejo - 12/24 0809 - With *Solid Gold Soul*, announcements of 24 hours of Christmas music. *Rudolph The Red Nosed Reindeer*, then Michelle with news item and back into music. (TJ-SD)

1600 TO 2400 HOURS ELT

- 750 CJVR SK Melfort - 1/1 2112 - C&W music, call ID. Heard in phase null of WSB- GA. New here. (JR-OK)
 900 CJVI BC Victoria - 12/31 2140 - Hockey game, Raiders vs. ? with call ID. New here. (JR-OK)
 1030 KDUN OR Reedsport - 12/11 1915-1925 - With local sports news and weather. Poor, under KTWO, with some KOFY splatter. KJDJ surfaced after 1925. (DK-CA)
 1060 KGFX SD Pierre - 12/30 1947 - Good signal, playing C&W with call ID. New here. (JR-OK)
 1140 KXNO NV Las Vegas - 12/11 1928 - With woman announcing local doings in Las Vegas (hotels/casinos/etc). Even with KHTK by 1931. (DK-CA)
 KXNO NV Las Vegas - 1/4 1950+ - Excellent signal with promos for casinos and Las Vegas attractions. ID at 1959, plus *Casino Radio* slogans. [Ed.-NM]
 1270 KAJO OR Grants Pass - 12/17 1850-1900 - With NOS music and ID at :00. Through KPLY/KJUG. Needed KXBX not heard. (DK-CA)
 1340 KTSN NV Elko - 12/24 1954 - CL ID. Atop briefly in hash. (DK-CA)
 KRLV NV Las Vegas - 12/24 1900 - With ID and into NBC News. ID as // KTOX in Needles, also on 1340. (DK-CA)
 1510 KIRV CA Fresno - 12/16 2000 - Sign-off under KFNN. (DK-CA)
 KNSE CA Ontario - 12/16 2001 - Atop, in SS, with local ads, occasional EE. KFNN had cut power at 2000 and KGA was missing until at least 2005. (DK-CA)
 1530 KFBK CA Sacramento - 12/21 2146 - Noted in passing with *Best of Dr. Dean Edell Show*. Ads, ID as *New stalk 15-30*, KFBK *Sacramento*. ABC-I news at 2200. 2206 *Storm watch Report* with Rebecca Greene and the weatherman from KCRA-TV

Channel 3 on the snowstorm just northeast of town. Back to Edell in progress. Earliest heard; fair to poor with numerous lightning crashes. (DP-HI*)

- KFBK CA Sacramento - 1/02 2048 - Call ID with many reports of local flood warnings. In phase null of WSAI-OH. New here. (JR-OK)
 1600 KOGT TX Orange - 1/02 2005 - C&W music, call ID. Fading badly. New here. (JR-OK)
 1660 WJDM NJ Elizabeth - 12/19 2250 - Poor, with station ID, mention of *Radio Aahs*, remarks about the weather, then into music. First time heard here... haven't caught it since. (TJ-SD)

GRAVEYARD DX UPDATE

* indicates North American record-holder

1240 kHz:

KPOD	CA	Crescent City	Sam Dellit	Brisbane, Queensland	7117
4AK	AU	Dalby	Sam Dellit	Brisbane	111
8DN		Darwin	Sam Dellit	Brisbane	1773
5AU		Port Augusta	Sam Dellit	Brisbane	978
3TR		Sale	Sam Dellit	Brisbane	817
1XX	NZ	Whakatane	Sam Dellit	Brisbane	1567

GRAVEYARD DX SPECIAL

Courtesy of **Steve Whitt**, here is a list of all Graveyard stations which have been heard in the United Kingdom and Eire since 1953. Source of the data is the Medium Wave Circle magazine's archives plus additional material from the British DX Club (Communication) and the World DX Club (Contact) compiled by **Steve**. Some of these stations have gone silent, have moved, or changed call letters.

1230 kHz:

WSBB	FL	New Smyrna Beach	WNOR	VA	Norfolk
WJNO	FL	West Palm Beach	CJOK	AB	Fort McMurray
WJBC	IL	Bloomington	CHFC	MB	Churchill
WBME	ME	Belfast	VOAR	NF	St. Johns
WQDY	ME	Calais	CFGN	NF	Port-au-Basques
WESX	MA	Salem	CFFB	NT	Iqaluit
WCMC	NJ	Wildwood	ZFB	BER	Hamilton
WFVA	VA	Fredericksburg			

1240 kHz:

WMMB	FL	Melbourne	CJAR	MB	The Pas
WFOY	FL	St. Augustine	CKIM	NF	Baie Verte
WJIM	MI	Lansing	CJCD	NT	Yellowknife
WSNJ	NJ	Bridgeton	CJRW	PI	Summerside
WGBB	NY	Freeport	CJNS	SK	Meadow Lake

1340 kHz:

WOCK	DC	Washington	CKXX	NF	Corner Brook
WMID	NJ	Atlantic City	CFYK	NT	Yellowknife
WJMA	VA	Orange	CJLS	NS	Yarmouth

1400 kHz:

WFTL	FL	Fort Lauderdale	WRAC	PA	Williamsport
WIRA		Fort Pierce	WBTH	WV	Williamson
WALE	MA	Fall River	CBG	NF	Gander
WOND	NJ	Pleasantville	CJFP	PQ	Riviere du Loup
WABY	NY	Albany			

1450 kHz:

8					
WBSR	FL	Pensacola	CBG	NF	Gander
WRKD	ME	Rockland	CFAB	NS	Windsor
WFPG	NJ	Atlantic City	CHUC	ON	Cobourg
WFRA	PA	Franklin	CHEF	PQ	Granby
WKRI	RI	West Warwick	VSB1	BER	Hamilton
1490 kHz:			WJMO	OH	Cleveland Heights
WAJF	AL	Decatur	WOJY	VA	Hampton
WSBH	FL	Miami Beach	CBDQ	NF	Wabush/Labrador City
WPOR	ME	Portland	CKEN	NS	Kentville
WMRC	MA	Portland	CFPS	ON	Port Elgin
WEMJ	NH	Laconia	CJMC	PQ	Ste Anne des Monts
WUSS	NJ	Atlantic City			

DDXD-East

Deadlines are Tuesday.

Paul Thomas reports good results with a new pre-amp he's built and using with his Harley and 1-foot loop antennas. The plans are, he says, quite simple and come from the January 1997 issue of 73. I'm technically challenged, so none of these things are ever "simple" to me, but I'll take Paul's word for it.

STATION NEWS

- 530 CIAO ON Brampton - 12/30 2223 - Noted with IDs as "Hot 103.5" and mentions of Toronto. This might only be for the Monday night "Hip Hop" program. One of my favorite stations to DX; tonight they were in like a local. (PT-NJ)
- 550 WJMW PA Bloomsburg - 1/8 1728 - "The New WJMW" and "AM 55, playing the music of your life," played Mathis, Joni James, Dino, Manilow, Percy Faith. Apparent format switch from TLK to NOS. (CRB-NY)
- 610 WSNG CT Torrington - 1/1 2122 - Silent station back on the air, noted with NOS and "WDRS 1360" ID while driving through Waterbury. Ron Musco confirms. (DY*CT)
- 850 WREF CT Ridgefield - 1/2 1000 - ID as "Radio 80, WLAD Danbury." Tuned to 800 and indeed these stations are now // with TLK. (CRB-NY)
- 1200 WKOX MA Framingham - 1/2 1005 - ID as "News Talk 1200, WKOX," into Mike Walker show. Checked WBIV-1060 for // but nothing heard yet. No SS noted, so presume yet another format change here. (CRB-NY)
- 1480 WADR NY Remsen - 12/28 2000-2100 - Solid hour of "The Best of Tony Bennet" with "Sid Mark." IDs were "WARM-FM," whatever that is. After 2100, NOS music, still IDing as "WARM-FM." Again 1/4 1843, ID as "Your original hits station, Stars 1350 and 1480," both frequencies heard here but 1480 much better. Ex-SPT, apparently. (PT-NJ)
+ 1/8 0006-0015 - After WSAR sign-off, with mentions of Rome and ID "Stars 1350 and 1480," followed by songs by the Everly Brothers and Harry Belafonte. (RWT-MA)
- 1580 WNZT PA Columbia - Per local press reports, silent station has been sold to the Lancaster County Blind Association, which will run "variety and feature programming, with a strong emphasis for people who are disabled." (JW-PA)

DX TESTS

- 620 WRJZ TN Knoxville - 12/29 0255-0300 - Not heard, just strong WXLX, others. (RA-MA) [Note new calls on Newark, Ray, - DY] Tentative with 30 seconds of code noted 0259, presumed them with 2 REL stations heard. (JEK-MD)
- 630 KJSL MO St. Louis - 12/30 0300-0330 - Not heard, nearby WPRO covers frequency hear at night with CHLT in the null. (RA-MA) Not heard. Was it on? I do hear KJSL from time to time. (RCP-IN)
- 910 KIYU AK Galena 12/29 0500-0530 - Not heard, no kiddin' - hi! (JEK-MD)
- KPOF CO Denver - 12/21 0200+ - Not heard. (JEK-MD)
- 1180 WSAF GA Trion - 12/16 0235-0255 - Probable with code about every five minutes. Instrumental SSB noted at end. WHAM and Cuban QRM, on Bronco radio at

- 1420 KSTN CA Stockton - 1/1 0300-0800 - Heard with possible code at 0630, and definite weak code at 0701. A call to station confirmed it. I was surprised I even heard it. (RCP-IN) [Nice! - DY]

UNID and UNID HELP

- 1280 UNID - — - 12/29 0410-0515 - With WHVR off, noted two stations testing, one with a constant 1 kHz tone, the other with 1 second interval beeps. WADO dominant with some WSKT fade-ups, 0426 what sounded like a "WKMD" ID and at 0459 "WIGE Richmond" ID? Any help appreciated, as WHVR isn't off that often. (JEK-MD) [The latter might be WYVE-VA? - DY]
- 1450 UNID - — - 12/29 1650 - Country music, ID "The Valley's Country Music Station." I was looking for WHIM, is this them? Overtaken by WRKD. Also heard gospel station with countdown "Celebration USA." (WW-MA)
- 1480 UNID - — - 12/22 0020 - ID as "93.5 FM" and "WARN FM," soft hits. (WM-MD) [WADR, as above ... there's a 93.5 FM listed for Remsen. - DY]

LOGGINGS: 0000-0800

- 630 WAVU AL Albertville - 12/30 0309 - ID popped up during KJSL test, not much else. (RCP-IN)
- 640 WFNC NC Fayetteville - 1/4 0230 - Local ads, "Newstalk 640," ID. (WM-MD)
- 820 WBAP TX Fort Worth - 12/28 0045 - ID, into talk show. (WM-MD)
- 910 CKLY ON Lindsay - 1/5 0013 - Clear but weak with Toronto-Vancouver hockey game, ID "910 AM CKLY." New. (GC-MD)
- 1150 WRUN NY Utica - 12/15 0000 - Good steady signal, ID, news, mention of the Mohawk Valley, into satellite sports talk. (JEK-MD)
- 1160 WVNJ NJ Oakland - 12/15 0010 - IDs, ad for the Cigar Box in Ramsey, some WOBB QRM. (JEK-MD)
- 1420 WOC IA Davenport - 1/1 0635 - ID "This is 1420 WOC Davenport," Value-Rite ad. Very poor, while trying for KSTN test. (RCP-IN)
- 1530 KFBK CA Sacramento - 12/30 0338 - A very good ID heard at this time, "You're listening to 1530 NewsTalk KFBK," into what sounded like a discussion of movie stars and roles, Bette Davis and Jimmy Stewart mentioned. Needless to say, this made my day! Very tough under WSAJ which gets fadey here in the morning. (RCP-IN)
- 1580 WSRF FL Fort Lauderdale - 12/28 0105 - News behind CBJ, "The place to be when you want to know," "News when you want it," ad for Paul Harvey show "on News Radio 940 WINZ," into sports. (WW-MA) [Note the call letters, William. - DY]
- 1630 KXBT CA Vallejo - 1/1 0420-0500 - Nice tape made with "Soul Food Cafe" program, many spots of Orec vacuum cleaners, Jimmy's Entertainment Center, and a promo for their FM. Man-made noise and some static, otherwise steady. Already QSLed on 1640. (RM-CT)

LOGGINGS: 0800-1600

- 590 WROW NY Albany - 12/24 1450 - Poor-fair with message for seniors, ad for fitness center in Albany. (MS*ON)
- 710 WTPR TN Paris - 12/25 0902 - News at top of hour, then ID "This is WTPR news," too much WLW-700 slop to track further. (RCP-IN)
- 790 CIGM ON Sudbury - 12/26 1457 - Fair with C&Wmusic, local weather, CIGM ID at 1500, in null of daytime regular WTNY. (MS*ON)
- 880 WMDB TN Nashville - 12/25 0917 - Black-oriented gospel music, frequent IDs, very good. (RCP-IN)
- 900 WBRV NY Boonville - 12/24 1225 - Fair with talk about Christmas traditions, clustered local ads including AA&J Insurance, local Radio Shack, etc., Watertown mentions, birthday greetings, into Christmas music. (MS*ON)
- 920 WIRD NY Lake Placid - 12/26 1358 - Fair with talk show, ID at 1400 "You're listening to the best ... in the Adirondacks, WIRD 920." (MS*ON)
- 950 WIBX NY Utica - 12/24 1244 - Fair with Montgomery Ward ad, battery store ad, "This is News Radio 950 WIBX," mention of someone filling in for Rush Limbaugh. (MS*ON)

- 980 CBV PQ **Quebec City** - 12/27 1555 - Fair over usual CKRU with FF talk, song "Greensleeves," discussion of snow in the area, not // CBF-690 at this time. (MS*ON)
- 1160 WSKW ME **Skowhegan** - 12/27 1559 - Good with sports, ID "Central Maine's sports teader, The Score WSKW," also mentioned some other calls I didn't catch. Seems the best bet for ME over much of Ontario. (MS*ON)
- 1230 WESX MA **Salem** - 12/29 1506 - Poor with WESX ID into big band music, severe splash from WOON-1240. (WW-MA)
- 1490 WICY NY **Malone** - 12/27 0953 - Fair with AC and oldies, travellers' weather for Tampa-St. Petersburg, WICY ID. (MS*ON)

LOGGINGS: 1600-2400

- 540 WWCS PA **Canonsburg** - 1/1 1840-1900 - Operatic-type vocal music, ID on the hour as "The Station of the Nation, 540 WWCS Canonsburg, Pennsylvania." Also mentioned "The new sound of 540 WWCS." Weak but little QRM. (PT-NJ)
- 550 WSWA VA **Harrisonburg** - 12/24 1655-1658 - Strong and well atop channel, with stock report and weather on "The Central Shenandoah Valley's official weather station, News Radio 550, WSWA." (MD-MA)
- 610 WIP PA **Philadelphia** - 12/29 2311 - Good with Philadelphia '76ers NBA basketball vs. Los Angeles Lakers. (MS*ON)
- 710 CKVM PQ **Ville-Marie** - 12/28 2256 - Fair in FF with male and female speakers // CKAC-730. (MS*ON)
- 770 WAIS OH **Buchtel** - 12/27 1650 - C&W music, ID, good in WABC null. (WM-MD)
- 820 WNYC NY **New York** - 12/19 1650 - ID heard under unID C&W station. (WM-MD)
- 920 KDHL MN **Faribault** - 12/22 1835-1859 - Fair to good, no fading, "Polka Time America" network with Christmas polkas, local breaks with call letters, ads for Faribault and Northfield. End of program mentioned many cities carrying the network. Only heard twice before in 1971-72, early AM operating 24 hours. A strong CJCH nulled. (JEK-MD)
- 930 WZNN NH **Rochester** - 12/23 2300 - Fair with ID, "Your station for ... AM 930 WZNN Rochester," into CNN Radio news. (MS*ON)
- 970 WFUN OH **Ashtabula** - 12/15 1654 - "Your sports giant, WFUN," then CCR's "Up Around the Bend" oldie. Also 12/21 0905 with "Swap Shop, Ashtabula's trading center." (JEK-MD)
- 1240 WSKI VT **Montpelier** - 12/27 1803 - Fair with ID by man as "1240 WSKI," into song "Don't Sleep in the Subway" by Petula Clark. (MS*ON) [I don't think they have a subway in Montpelier, hi. - DY]
- 1250 WEMP WI **Milwaukee** - 1/1 1757-1815 - "Love is Blue" by Paul Mauriat, spot for National Arbor Day Foundation, SID, more NOS music, ID as "1250 WEMP." Good through WTAE. (PT-NJ)
- 1260 WBUD NJ **Trenton** - 12/26 2110 - ID as "Home of the Classics, 1260 WBUD" and "Great Gold," poor mixing with WEZE. (WW-MA)
- WDKN TN **Dickson** - 12/13 1754-1812 - Good with C&W, ID on hour, ad for Columbia Horizon Medical Center, no news on the hour, "Christmas Time's A'Comin'" country song. (JEK-MD)
- 1290 WBNF NY **Binghamton** - 12/31 2130 - Break from Bruce Williams show with 5 IDs in 4 minutes. Very good, mixing with CJBK. (WW-MA)
- CHRM PQ **Matane** - 12/31 1600 - Good in FF with "Cent vingt-neuf" (129) slogan, several Matane mentions, apparently talking about New Year's Eve activities. (MS*ON)
- 1300 WSYD NC **Mount Airy** - 12/13 2018 - Country gospel, ID, also ID noted at 2300. Good. (JEK-MD)
- 1320 WATR CT **Waterbury** - 1/2 2306 - "Your news and information station, WATR," on top briefly. (PT-NJ)
- CKEC NS **New Glasgow** - 1/2 2303 - Parked on the garble to see what surfaced, and heard "weather for northern Nova Scotia," and a CKEC ID later at 2315. (PT-NJ)
- 1340 WYCB DC **Washington** - 1/1 1743 - Request for listeners to send in their five favorite (?) by female announcer saying, "Thanks for sharing," and giving mailing address as "WYCB Washington DC." Very poor in usual GY mush. First thing I've heard on a GY frequency except for locals. (PT-NJ) [WYCB gets out pretty well and is often heard here. - DY]

- 1350 WRNY NY **Rome** - 1/4 1843 - Heard audio // WADR-1480, and "Stars 1350 and 1480" ID. 1480 much better. (PT-NJ)
- 1360 CKBC NB **Bathurst** - 12/26 1858 - Good with rock oldie, ID at 1900 "This is CKBC, 136 AM," into Broadcast News. (MS*ON)
- 1390 WRTK OH **Youngstown** - 12/28 2238 - "On NewsTalk WRTK" in mix with others, gave a phone number which I copied as 873-1000, though Log says 783-1000. Probably my mistake in my failing brain, hi! (PT-NJ)
- 1450 WRKD ME **Rockland** - 12/29 1707 - Overpowering unID C&W station with ID "WRKD is greater Rockland's radio station," into song "She Walks Like an Angel." Poor mixing with many stations here. (WW-MA)
- 1460 WGNA NY **Albany** - 12/19 1643 - Fair with Albany ad and "WGNA official four-day forecast." (MS*ON)
- 1470 CHOW ON **Welland** - 12/29 2223 - Heard ID as "C-how" in throbbing mess, then into C&W female vocal. (PT-NJ)
- 1540 WMYF NH **Exeter** - 1/5 1732 - "Exeter Crime Line" featuring unsolved crime, "if you have any information call ----," followed by original recording of "Volare" and "Today" by the New Christy Minstrels. No ID heard, but assume WMYF. (PT-NJ)
- WADK RI **Newport** - 1/5 1742 - Lite jazz music drifting to surface followed by promo "Guest experts to give you environmental updates. Let me cheer you up when you tune to the Magic Garden, Saturday mornings 9 to 10 here on AM 1540, WADK." Good during brief appearance. (PT-NJ)
- CHIN ON **Toronto** - 1/5 1800 - "You're listening to CHIN 1540 AM Toronto," into folk-style music. (PT-NJ)
- 1550 WKBA VA **Vinton** - 1/5 1725 - "This is Christian Radio KBA," and later at 1730 ID "This is WKBA," then buried. (PT-NJ)
- 1570 WKKS KY **Vanceburg** - 1/1 1930 - Tentative with country gospel music, "Gospel Gold," promo for gospel CD, promo for local event. (WM-MD)
- WBUG NY **Amsterdam** - 12/24 1619 - Good with weather, C&W music, ID as "WBUG, WLFH." (MS*ON)
- WANR OH **Warren** - 12/26 1959 - Legal ID only, "WANR Warren." New. Ohio #93, and #36 on 1570. (JEK-MD)
- 1590 WAUB NY **Auburn** - 12/31 1745 - "Tequila Sunrise" song, ID, then gone. (WM-MD)
- 1600 WOHL WV **Wheeling** - 12/29 1800 - Had been listening to R. Aahs on 1590 (WPWA) and noticed // on 1600. Local ID as "WOHL Wheeling." (PT-NJ)

TIS AND MISCELLANEOUS

- 1610 TIS NJ — - 12/23 1900 - New Jersey Turnpike Authority TIS, way over Albany with HOV info, safety tips, etc. Call to Public Affairs in New Brunswick got me a name and address for a tape. (RM-CT)
- TIS - — - 12/28 1815 - Weather station, noted few words "forecast for Wednesday through Thursday," sounded like a NOAA station. (WW-MA) [The Albany and Buffalo TIS stations here relay NOAA weather; I get Buffalo here nightly. - DY]
- 1620 "WJDI" NY — - 12/24 2054 - Fair-poor with rock, C&W music, addresses (both postal and computer), ID as "Clear Channel 1620, WJDI." Also heard what appeared to be deliberate jamming. Claimed to be running 15,000 watts. My first MW pirate. Taped report sent. (MB-IN)
- + 12/24 2100-2200 - Heard with old rock and roll, spoof spots, etc. Announced 15,000 watts and didn't act that much on my S-meter. QRM'ed at times by a ham op. Way over the Windsor TIS which is about 3 air miles away. This station run by an ex-NRC'er. Reports to a Kingston Ulster Street address. A call to the op reveals that he was operating back in the early 70's on 1580 as WJDI Coshockton, Ohio. I heard them and hopefully he'll verify the 1580 and 1620 reception but I don't have high hopes. (RM-CT)
- + I just got off the phone after talking to the operator of WJDI AM 1620. I was quite surprised when I answered the phone and he said, "This is 1620!!!" I guess he liked the report I sent him and he decided to give me a call. I asked him some questions about the station and he supplied this info about the equipment for the Christmas Eve Broadcast (hope I can remember all this OK): homebrew transmitter running 15,500 watts, which took over a year to build. Location is about 100 miles west of NYC, out in the boonies. [Kingston

is north of NYC, not west. - DY] Antenna was a 5-element cage, like in the early days of radio, 75 feet high. Operator is a BCB DX'er himself since the early 60's with over 1800 stations and 48 states heard. He says the total cost of the transmitter was over \$10,000 for this one time broadcast ... just wanted to be the highest powered pirate to ever hit the airwaves. He advises that the transmitter has been sold, and that is the end of WJDI! He said he was visited by the FCC in 1990 and fined \$2,000, but he never paid the fine and the case was dismissed in the courts. (RR-ON) (For lack of a statute or FCC rule to prosecute under -pls.)

- W7404 VA Shenandoah** - This is definitely different from the Shenandoah Park TIS (which has a female announcer), although some of the information is similar. Male voice announced "Welcome to the Augusta County Tourist (?)," mentions of Interstates 81 and 64, and exit numbers 222 and 99, Civil War Battle site and gift shop. Some KPD581-CT QRM and "WMCR" open carrier. Male voice is probably what John Arthur heard in his 12/8 report. (JEK-MD)
- 1630 "WUSB" NY Stony Brook** - 12/2 1738-1800 - TIS information for State University of New York at Stony Brook. Difficult copy in noise. (HH-MD)
+ All correspondence and phone calls to this Institution of Higher Learning have gone for naught. (RM-CT)
- 1688 "SIM5AT"** - 12/14 0612-0628 - Beacon, tone. Still heard as late as 0820, so must be in this area. (HH-MD)

REPORTERS

RA-MA	Ray Arruda	Acushnet MA - HQ-180A, SX-122, R. West loop
CRB-NY	Charles Bernth	Eastport NY - Local news
MB-IN	Mark Burns	Terre Haute IN - R8, Kiwa loop, 80' LW
GC-MD	Gerald Conkling	Greenbelt MD - Grundig YB-400
MD-MA	Marc DeLorenzo	Auburndale MA - NRD-525, Quantum loop
HH-MD	Hank Holbrook	Dunkirk MD - R8, 120' random wire
JEK-MD	Joe Kureth	Uniontown MD - DX375, SR III, LW, car radio
WM-MD	William McGuire	Cheverly MD - DX-380
RM-CT	Ron Musco	Poquonock CT - R-390A/URR, 2 100' slopers 30' hi
RCP-IN	Robert C. Pote	Greenwood IN - R8A, Quantum loop
RR-ON	Robert Ross	ON - Pirate news
MS*ON	Morris Sorenson	DXing in Brockville ON - RF-B65
PT-NJ	Paul Thomas	Salem NJ - R8A, Harley loop, 160' LW
RWT-MA	Rick Turner	North Dartmouth MA - YB-400
JW-PA	Jim Weber	Lancaster PA - Local news
WW-MA	William Wyllie	Franklin MA - DX-390, vertical rod antenna
DY*CT	David Yocis	DXing on the road in CT - Car radio

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Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

With issue #15 it's time to review the number of IDXD states and provinces so far reporting in DX News Volume 64. Here is where we stand: USA: MA, ME, PA, CA, NY, FL, OK, VA, RI, NH, WI, IA, NJ, OR, MD, MT, CO (33%); CANADA: MB, NF, ON, QC (40%). If your state or province is not yet represented in IDXD, why not send us a report?

Please follow the format shown below. If you don't it adds hours to the task. Jim

TRANS-ATLANTIC DX

- 171 RUSSIA? various, DEC 21 0307 - Clear with man and woman in RR, perhaps with news. A bit of an echo effect. [Dangerfield-Pa.]
- 177 GERMANY Oranienburg, DEC 21 0314 - Fair with woman and man in GG. First I ever had this frequency at this location. [Dangerfield-PA]
- 225 POLAND Konstanynow, DEC 21 0333 - Good with pop fem singer accompanied by a jazzy sounding band. [Dangerfield-PA]
- 252 ALGIERS Tipaza, DEC 20 2338 - Good with Algerian music, and at the time was the only station on the LW band. [Dangerfield-PA]
- 252 IRELAND Atlantic-252 Kilmessan, DEC 21 0148 - Armchair listening with pop and rock music [don't ask me to ID the selections because they all sound the same to me] and no sign of Algiers which two hours earlier had been booming in. [Dangerfield-PA] (like asking me to identify rap music! - Jim)
- 531 SPAIN, RNE5 synchros, DEC 24 0307 - // 558 with fast SS talk; poor to fair through RVC-530 slop. [Connelly*W-ME] DEC 27 0242 - // 603 with man & woman SS teletalk; fair over stew of others. [Connelly*H-MA]
- 531 unID, DEC 26 2231-2234 - a mystery station here with an unbelievably loud signal at closing; Christmas music (song had melody of "Good Christian Men, Rejoice", words didn't seem EE), then open carrier and then off at 2234. This left a considerably-weaker Spain behind. Possibilities - Faroes, Switzerland, Germany? [Connelly*H-MA]
- 549 ALGERIA, Les Trembles, DEC 22 2349 - AA female vocal, drums, strings, flutes; local-like, annihilating CHLN/YVKE-550 (tight looping was needed to find evidence of the 550 stations). [Connelly*W-ME] DEC 25 0503-0518 - Strong with religious AA vocal and man in AA. Also noted on DEC 23, 27, and 30 at various times. DEC 26 2241 - woman in AA; signal up to good strength, rising over a jumble of other stations (including a tone-tester). [Connelly*H-MA]
- 558 SPAIN, RNE5, Valencia et al., DEC 22 2356 - // stronger 585: SS telephone interview about anti-drug activities; fair, over second station with local WGAN nulled. [Connelly*W-ME] DEC 27 0235 - woman in SS (// 585 et al.); poor to fair in slop. [Connelly*H-MA]
- 567 IRELAND, RTE R.1, Tullamore, DEC 23 0003 - EE news; atop Spain, fair through TV buzz. [Connelly*W-ME] DEC 26 2222 - female version of Ray Charles "Georgia on My Mind", then woman in EE; fair. DEC 27 0245 - EE talk, traditional folk music; good. [Connelly*H-MA] [AN 9 0239 - man and woman speaking, too much slop to hear more than a word or two. [Renfrew-NY]
- 567 SPAIN, RNE5 synchros, DEC 27 0231 - // 684 with bits of SS talk; under Ireland. [Connelly*H-MA]
- 576 SPAIN, RNE5, Barcelona, DEC 22 2348 - poor to fair with SS talk by woman // RNE5's such as 603. [Connelly*W-ME] DEC 27 0230 - // 684 with man & woman SS teletalk; fair. [Connelly*H-MA]
- 585 SPAIN, RNE1, Madrid, DEC 22 2347 - SS telephone news interview; huge signal, better than adjacent CJFX/WTAG-580 and VOCM/WBNW-590. [Connelly*W-ME] DEC 27 0229 - ID "R. Nacional de Espana, R. Uno y R. Cinco", talk about Navidad, SS teletalk with female moderator; huge, no Tunisia growl at this time. [Connelly*H-MA]
- 585.05 TUNISIA (t), DEC 26 2307 - rough het against Spain-585.0, almost yielding its own audio at times. [Connelly*H-MA]

- 594 MOROCCO, RTM 'A', Oujda, DEC 22 2343 - // 1053 with AA violins & vocal; to good peak. [Connelly*W-ME] DEC 27 0228 - group AA male vocal; good, better than // 207. [Connelly*H-MA]
- 594 PORTUGAL, R. Renascenca, Muge, DEC 27 0015 - mellow pop music, woman in PP; dominant. [Connelly*H-MA]
- 603 SPAIN, RNE1/5, Sevilla / Palencia, DEC 22 2332 - // 657 with man & woman in SS; excellent. [Connelly*W-ME] DEC 26 2232 - fast SS talk; good. DEC 27 0224 - // 648: local-like with SS version of tune from "The Sound of Music". [Connelly*H-MA]
- 612 IRELAND, Athlone, DEC 22 2338 - EE talk, pop music; over Morocco and others on a very jumbled channel. [Connelly*W-ME]
- 612 MOROCCO, Sebaa-Aioun, DEC 23 0238 - man with sermon or speech in AA; very good. DEC 23 2329 - AA vocal & strings, then talk. [Connelly*W-ME] DEC 26 2305 - AA news by man; good. DEC 27 0225 - AA vocal, strings; very good. DEC 28 0223 - AA talk; about 15 dB louder than the 610 stations. [Connelly*H-MA]
- 621 CANARY ISLANDS // SPAIN, RNE1 synchros, DEC 22 2336 - SS talk over unID second station, fast SAH resulting. DEC 23 0239 - // to (huge) 684, SS Christmas pop song. [Connelly*W-ME]
- 639 SPAIN, RNE1, La Coruna et al., DEC 22 2333 - // 684 with SS teletalk; good. [Connelly*W-ME] DEC 26 2304 - // 684 with SS news; good. [Connelly*H-MA]
- 648 SPAIN, RNE1, Badajoz et al., DEC 27 0224 - // 603 with SS version of "My Favourite Things" (from "The Sound of Music"); to good peak over fluttery SAH. [Connelly*H-MA]
- 657 SPAIN, RNE5, Madrid, DEC 22 2332 - // 603 (but not RNE1's) at this time, man & woman in SS; very good. [Connelly*W-ME] DEC 26 2234 - fast SS talk; good. [Connelly*H-MA]
- 666 PORTUGAL, RDP, Lisboa, DEC 23 2338 - fast PP talk, possibly sport; mentions of Braga. [Connelly*W-ME] DEC 26 2233 - woman in PP; over SS- sounding station. DEC 26 2251 - // 693, 837 with religious-sounding female vocal, then plaintive PP vocal by man; to good peaks. [Connelly*H-MA]
- 675 FRANCE, France-Inter, Marseille, DEC 22 2330 - rock music, woman in FF; good. [Connelly*W-ME] DEC 26 2316 - // 162 with light music; good/dominant. [Connelly*H-MA]
- 684 SPAIN, RNE1, Sevilla, DEC 22 2327 - group SS discussion about international events; huge signal, equal to WRKO on 680 (and illuminating 8 to 9 signal-strength lights on the Sony '2010 when using the radio's internal ferrite rod only!) [Connelly*W-ME] DEC 26 2304 - // 639 with SS news; good. [Connelly*H-MA] DEC 30 2329 - SS man, Xmas music. Poor. Quickly faded out and no further audio from this or other channels in checks throughout evening. [Moore-IA]
- 684 YUGOSLAVIA (SERBIA), Beograd, DEC 27 0018 - Slavic talk by woman; atop Spain! DEC 27 0232 - "Candle in the Wind" by Elton John; just behind Spain. [Connelly*H-MA]
- 693 AZORES, RDP, Santa Barbara, DEC 23 2340 - // Portugal-666 with man in PP; over/under BBC UK. [Connelly*W-ME] DEC 26 2249 - // 837 with operatic / religious female vocal; loud, burying BBC. [Connelly*H-MA]
- 693 UNITED KINGDOM, BBC, Droitwich et al., DEC 23 0010 - EE talk; poor to fair over others with CBF nulled. DEC 23 2340 - Boney M (Caribbean-style) Christmas song "Mary's Boy Child"; over/under Azores. [Connelly*W-ME] DEC 26 2246 - BBC briefly atop with EE discussion, then plastered by Azores. DEC 27 0213 - excellent with BBC discussion of US political affairs and the Gulf War Syndrome. [Connelly*H-MA] JAN 5 0514 - very weak, woman speaking. JAN 9 0245 - man speaking in EE weak. [Renfrew-NY]
- 702 SPAIN, COPE synchros, DEC 23 0011 - // 999 with SS talk by woman; over WLW slop. [Connelly*W-ME]
- 711 WESTERN SAHARA Laayoune, DEC 19 2201 - Clear and easily separable from WOR, with woman and man in AA doing the news. Did I mention that I recently got a verie letter from Morocco for this frequently heard station and it was country #126? [Dangerfield-PA] (Wow! - Jim)
- 729 SPAIN, RNE1, Oviedo et al., DEC 24 0218 - SS teletalk; in slop. The R8A would have done much better than the Sony ICF-2010. [Connelly*W-ME] DEC 27 0034 - // 684 with SS teletalk; poor to fair. [Connelly*H-MA]
- 738 SPAIN, RNE1, Barcelona, DEC 22 2323 - SS talk // 774; to good peaks through occasional CHCM-740 slop. [Connelly*W-ME] DEC 27 0209 - woman in SS; to good peak over CHCM slop. [Connelly*H-MA]
- 747 CANARY ISLANDS // SPAIN, DEC 24 0400 - man & woman in SS, rock music, R. Nacional Espana ID, 4 (or 5) short pips then a single longer pip of the same pitch, then

- news; strong signal, no trace of Holland at the time. [Connelly*W- ME]
- 747 NETHERLANDS, Flevoland, DEC 26 2210 - Dutch talk, vocal "Baby It's Cold Outside" with Ray Charles & Betty Carter; huge, S920 or better. DEC 26 2300 - 2 short pips, 1 longer one (all same pitch), then news in Dutch. DEC 26 2321 - "Free Fallin'" by Tom Petty; loud. DEC 27 0500 - time pips (2 short, 1 long), Dutch talk. [Connelly*H-MA]
- 756 GERMANY, Deutschlandradio, Braunschweig/Ravensburg, DEC 23 0016 - classical music; mixing with Spain. [Connelly*W-ME] DEC 26 2211 - GG weather including forecast for showers in some cities; fair to good over apparent Spain-Romania mix. DEC 28 0215 - classical piano music; dominant. [Connelly*H-MA]
- 756 SPAIN, R. Euskadi, Bilbao, DEC 23 0016 - SS talk; over/under Germany. [Connelly*W-ME]
- 765 SENEGAL, Dakar, DEC 22 2316 - Afro-FF talk by man, possibly a sermon, interspersed with drum beats; good, loop bearing true for Senegal. Switzerland was way under and a low rumble (maybe 20 Hz) was noted. [Connelly*W-ME]
- 765 SWITZERLAND, RSR, Sottens, DEC 23 0015 - classical violin music getting through big open carrier from Senegal, low rumble resulting. [Connelly*W-ME]
- 774 EGYPT, Abis, DEC 27 0020 - AA vocal & flutes; killing Spain. [Connelly*H-MA]
- 774 SPAIN, RNE1 synchros, DEC 22 2321 - fast SS talk; good. [Connelly*W-ME] DEC 26 2212 - SS teletalk; atop station with AA-sounding music. [Connelly*H-MA]
- 783 PORTUGAL, Miramar, DEC 23 0017 - PP pop-rock music; poor to fair. [Connelly*W-ME]
- 792 SPAIN, SER, Sevilla, DEC 23 0031 - // 1044 with SS teletalk; poor to fair. [Connelly*W-ME]
- 837 AZORES, RDP, Pico da Barossa, DEC 26 2246 - back here, ex-836: operatic religious-sounding vocal // 693; monster signal, rolling over Spain-Canaries. [Connelly*H-MA]
- 837 CANARY ISLANDS // SPAIN, COPE synchros, DEC 22 2311 - SS teletalk; dominant. No 836 het (Azores back on 837). [Connelly*W-ME] DEC 27 0257 - COPE // 's with SS talk having obvious echo-delay. [Connelly*H-MA]
- 846 ITALY, Rome, DEC 22 2310 - classical music, II talk; poor. [Connelly*W- ME]
- 855 SPAIN, RNE1, Murcia et al., DEC 22 2308 - SS news & teletalk; excellent, over others. [Connelly*W-ME] DEC 27 0452 - SS teletalk; fair. [Connelly*H-MA]
- 864 EGYPT, Santah, DEC 22 2307 - AA male Koranic vocal; good. [Connelly*W- ME] DEC 26 2326 - Koranic male vocal; fair to good, alone on channel. [Connelly*H-MA] DEC 29 0230 - Fair; Koranic chants, assumed to be Egypt, but 819 and SW parallels were not coming in. [Conti-NH]
- 891 ALGERIA, Algiers, DEC 22 2305 - male AA vocal, violins, flutes; excellent / local-like. [Connelly*W-ME] DEC 29 0220 - Good; talk in Arabic parallel a weak 153 kHz, monster het against WLS/WBPS-890. [Conti-NH]
- 909 UNITED KINGDOM, BBC, Moorside Edge et al., DEC 22 2303 - EE news to good peak. Had bits of other audio (possible AA, PP, & SS stations) under at times. [Connelly*W-ME] JAN 5 0509 - very weak audio, possibly a woman with British accent. [Renfrew-NY]
- 918 SPAIN, R. Intercontinental, Madrid, DEC 22 2303 - SS pop / disco, SS talk by man; very good. [Connelly*W-ME] DEC 27 0451 - fast SS talk by man & woman, segments of instrumental dance music, timecheck; to good peak. [Connelly*H-MA]
- 936 SPAIN, RNE5 synchros, DEC 22 2302 - SS news; in slop. [Connelly*W-ME] DEC 27 0449 - SS talk; poor to fair, slopped. [Connelly*H-MA]
- 945 FRANCE, Toulouse, DEC 22 2257 - nostalgic FF music, including romantic vocal by Edith Piaf; excellent. [Connelly*W-ME]
- 954 SPAIN, R. España, Madrid, DEC 22 2256 - SS teletalk; loud. [Connelly*W- ME] DEC 27 0059 - SS folk guitar with man in SS as voice-over; loud. DEC 27 0448 - SS teletalk; loud at S920. [Connelly*H-MA] DEC 29 0200 - Good; ID, phone number, and telephone talk in Spanish. [Conti-NH]
- 981 ALGERIA, Algiers, DEC 22 2255 - male group a cappella AA vocal; loud, crushing CBV/WCAP-980. [Connelly*W-ME]
- 999 SPAIN, COPE, Madrid, DEC 23 0011 - // 702 with fast SS talk by woman; through CKBW/W MVP slop. [Connelly*W-ME]
- 1026 SPAIN, SER synchros, DEC 27 0130 - // 1044 with SS teletalk with female "talkmaster"; good with WBZ phased. [Connelly*H-MA]
- 1044 SPAIN, SER synchros, DEC 22 2339 - SS teletalk; fair. DEC 23 0031 - // 792 with SS teletalk; loud. [Connelly*W-ME] DEC 27 0130 - // 1026 with female SS teletalk show; excellent, over low growl. DEC 27 0447 - SS teletalk; excellent, over rumble. [Connelly*H-MA] DEC 28 2330 - Fair; talk in Spanish motorboating over a second signal likely from Morocco. [Conti-NH]
- 1053 MOROCCO, Tanger, DEC 22 2340 - // 594 with AA music; briefly over the pile.

- [Connelly*W-ME]
- 1053 ENGLAND Talk Radio synchros, DEC 29 0410 - Fair; "Free call 0500-1053- 89" and "You're on Talk Radio!", 1089 parallel barely readable. [Conti-NH]
- 1062 DENMARK, Kalundborg, DEC 21 0521-0532 - Loud and clear with male DJ in Danish and variety of rock and pop music, including U2's "I Still Haven't Found What I'm Looking For". [DeLorenzo-MA] DEC 27 0446 - woman in Danish; fair to good. This had been stronger in OCT & NOV. [Connelly*H-MA]
- 1089t ENGLAND Talk Radio UK, JAN 5 0450 - Very weak audio in slop, sounded like British accent. JAN 9 0255 - Definitely EE program with male announcer, woman with news at 0300, almost ID at 0316 "This is [crash]", strongest ever heard, solid het on 1090, some audio with lots of fiddling of controls. [Renfrew-NY]
- 1107 SPAIN, RNE5 synchros, DEC 23 0038 - fast SS talk; fair. [Connelly*W-ME]
- 1134 CROATIA, HR, Zadar, DEC 24 0019 - male Slavic vocal with acoustic folk guitar; good, over Spain. [Connelly*W-ME] DEC 28 2345 - Good; pop/rock hits and ethnic music. [Conti-NH]
- 1179 SWEDEN Solvesborg, DEC 26 2136 - Armchair signal with man in EE and then a little soft music. Has been in several times since then around sunset with fair to good signals. [Dangerfield-PA]
- 1215 UNITED KINGDOM, Virgin R. synchros, DEC 27 0442 - to good peaks with "Badge" by Cream. [Connelly*H-MA]
- 1215 UNITED KINGDOM, Virgin R. synchros, DEC 27 0442 - to good peaks with "Badge" by Cream. [Connelly*H-MA]
- 1251 LIBYA, Tripoli, DEC 22 2247 - fast AA talk by man & woman. [Connelly*W-ME] DEC 23 2124 - Best signal from this station in a long while with man in AA. Easy to separate from 1250. [Dangerfield-PA]
- 1305 SPAIN, RNE5 synchros, DEC 22 2246 - SS talk over bad growl. [Connelly*W-ME]
- 1314 NORWAY, NRK, Kvitsoy, DEC 22 2245 - Christmas vocals over/under Spain. [Connelly*W-ME] DEC 29 0342 - local-like with Norwegian version of "Three Bells" (Browns C&W hit from 1959). [Connelly*H-MA] JAN 5 0415-0430 - music program, audible with wide filter. [Renfrew-NY]
- 1314 SPAIN, RNE5 synchros, DEC 22 2245 - SS talk mixing with Norway. [Connelly*W-ME]
- 1323 GERMANY, Voice of Russia relay, Wachenbrunn, DEC 22 2243 - almost certainly this with classical music; fair, but slopped by CKEC. [Connelly*W-ME]
- 1332 ITALY, Rome et al., DEC 22 2243 - II man & woman talk, then piano music; loud. Much less WRCA slop than at home. [Connelly*W-ME]
- 1349 MAURITANIA, R. Mauritanie, Nouakchott, DEC 22 1915 - het showing up on car radio at the beach at this early time (2.15 p.m. EST). DEC 22 2242 - chanting; fair. [Connelly*W-ME]
- 1359 SPAIN, Arganda, DEC 22 2241 - SS talk; to fair peak over WLYN het. [Connelly*W-ME]
- 1395 NETHERLANDS, Jazzradio, Lopik, DEC 22 2238 - blues-oriented jazz. [Connelly*W-ME]
- 1413 SPAIN, RNE5 synchros, DEC 23 0051 - SS talk; to fair peak. [Connelly*W-ME]
- 1422 unID, DEC 29 0410 - Koranic chants, seemed to be under a strong open carrier, Connelly says Algeria is likely, but no parallels were found at the time for positive ID. [Conti-NH]
- 1467 FRANCE, TWR, Roumoules, DEC 22 2235 - AA talk; local-like. [Connelly*W-ME]
- 1521 SAUDI ARABIA, Duba, DEC 22 2001 - AA news mentioning "Arabiya Saudiya"; already loud at 3.01 p.m. local. [Connelly*W-ME] DEC 29 0320 - Good; Koranic chants, het dominating WWKB-1520. [Conti-NH]
- 1530 SÃO TOME E PRINCIPE, VOA Pinheira DEC 29 0310 - "VOA Sunday" beginning with Alanis Morissette "Wake Up" followed by story on militia groups, surprisingly strong and well over WSAI-Cincinnati, // 7340. [Conti-NH]
- 1548 KUWAIT VOA, DEC 27 2143 - Very good signal and the earliest yet from this one. And the only good signal since Oct. A conversation between two men. This was another recent verie. [Dangerfield-PA]
- 1557t FRANCE R. France, Nice, DEC 23 0528-0559 - Assumed to be this with man in FF and eclectic music including FF ballad, Spanish guitar, "Ma Cheri Amour" by Stevie Wonder, instrumental jazz. Formerly one of the easiest TAs, I have not seen this reported in some time. Strong signal in long peaks. [DeLorenzo-MA]
- 1566 SWITZERLAND, Sarnen, DEC 23 0217 - religious-sounding GG vocal; to fair peaks, but with very jumpy fast fades. High-band TA's were not too good at the time. [Connelly*W-ME] DEC 23 0549-0555 - Good with polka music and man in GG. [DeLorenzo-MA] (This one now goes by the name of "Radio Eviva" - Jim)

- 1575 SPAIN SER synchros, DEC 23 0510-0520 - Good // 1584 with man and woman in SS and frequent music bridges. 1584 had the better signal. [DeLorenzo-MA]
- 1584 SPAIN, SER synchros DEC 29 0355 - Fair; instrumental music, news, // 1575 & 1602. [Conti-NH]
- 1602 SPAIN R.Euskadi/Vitoria, Vitoria DEC 29 0330 - Classic rock hits, and Spanish rock vocal, over SER-Spain. [Conti-NH]
- 1611 NORWAY, LGB TLX, DEC 29 0345 - Good; alternating code IDs and data, the only intelligible signal here, with adjacent 1610 a TIS graveyard tonight. [Conti-NH]

Mark speaks: "DX from Massachusetts is supplemented this time by some loggings taken during a brief pre-Christmas family trip to the Maine coast. The site near Wells Beach is just "up the road a piece" from Neil Kazarov's old QTH in Ogunquit. It wasn't auroral and I didn't have a Beverage, so the multitudes of Africans and Brazilians that Neil used to hear at local sunset weren't in "the game" this time around. Actually the DX from southern Maine (even the line-up of domestics heard) differed little from what I usually hear at sites on Cape Cod. If anything is noticeably different, it's the lower strengths of Cubans in Maine versus on the Cape. Also, New York City QRM is more easily managed as you travel to more northerly sites along the New England shore."

Ben speaks: "I don't think I have reported since returning from Newfoundland, and frankly, I have very few new items to mention. In my considered opinion, TA reception was much better in Sept. and Oct. than in Dec., and Jan. so far has been very blah, with just a few regulars like 684, 855, 1089, 1134, and 1314 plus poor signals from a number of others. Even the big ones were better earlier. Most of the interesting stuff has come through around sunset with almost all stations worsening as the evening moved along. The LW band has been at a low point, not helped by the buzz which has been down there nightly and which I am still trying to trace. Maybe tonight [Jan. 5] will be better. I hope! I guess I mentioned that we are going to Greece in late Feb, and will be staying 2 weeks near Athens. To go with my SW1 I have acquired a KIWA pocket loop, and it does work like a charm, increasing MW signals manifold."

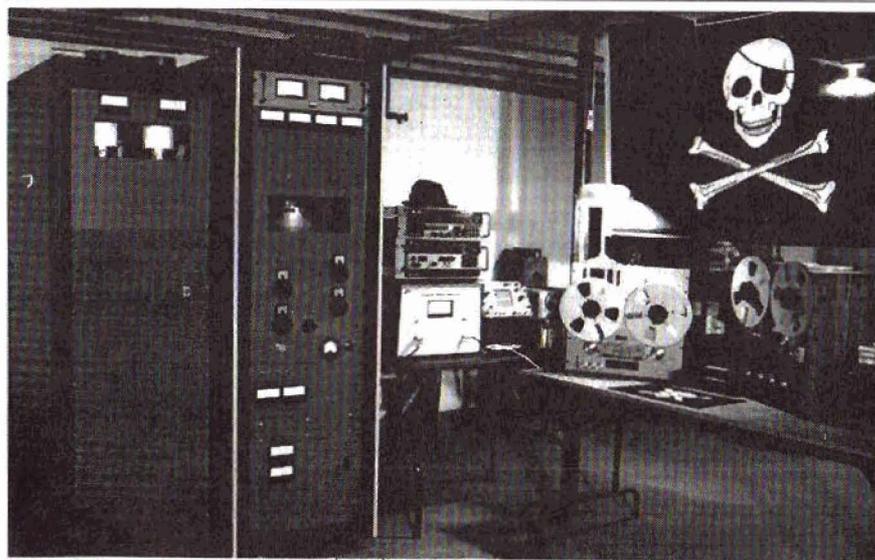
Jim speaks: "The UK TA's are doing so well of late that I wonder what's become of Spain? With Ben I've noticed good peaks around 2130-2200, but now I'm getting stuff around 0300, which then begins to drop back into the slop."

PAN-AMERICAN DX

- 530 TURKS & CAICOS, DEC 31 2340 - creaming nulled CIAO with SS fire & brimstone, frequent "Radio Vision Christiana" IDs, // WWRV-1330. (Noted on 530 kHz, though actual frequency may be 535. My RFB-45 can tune splits but does not display the exact split frequency on the readout.) [Brooker*MA]
- 535 GRENADA, GBC, St. George's, DEC 26 2236 - Carib-EE talk about government & investments; to good peak. DEC 28 0205 - weather forecast, insurance ads; good. [Connelly*H-MA]
- 550 VENEZUELA, Mundial, YVKE, Caracas, DEC 28 0927 - ID "Cadena Mundial, la radio más popular de Venezuela", salsa music; good, atop Cuban (that was // 670). [Connelly*H-MA]
- 555 ST. KITTS & NEVIS, ZIZ, Basseterre, DEC 23 0002 - mellow jazz, then soul female vocal; very good. DEC 23 2346 - smashing signal with block of advertising including National Supplies store (crazy '50's-type reverb used), Little Switzerland watch outlet, and Island Purified Water. [Connelly*W-ME] DEC 27 0536 - 'totally cool' soca version of the "Flintstones" theme; loud / excellent. [Connelly*H-MA]
- 570 CUBA, DEC 27 0006 - R. Reloj SS news, time beeps; mixed with WMCA & CJEM. [Connelly*H-MA]
- 595 DOMINICA, DBS, Hillsborough, DEC 24 0234 - gospel-influenced female soul vocal, then man in Carib-EE; poor to fair. [Connelly*W-ME]
- 600 VENEZUELA, R. Sucre, YVQB, Cumana, DEC 23 0236 - upbeat folk-style Latin American music, R. Sucre ID; over growl. [Connelly*W-ME] DEC 28 0958-1000 - SS folk vocal, R. Sucre & Venezuela mention; initially fair, faded badly at the end. [Connelly*H-MA]
- 610 COLOMBIA, HJKL, Bogotá, DEC 28 0902 - several mentions of "Colombianos", then old-style SS pop music. [Connelly*H-MA]
- 620 CUBA, R. Rebelde, Colon / Moa, DEC 28 0908 - // 670, 710: SS male group vocal; in jumble. [Connelly*H-MA]
- 620 NICARAGUA LV Nicaragua, DEC 28 1155-1203 - Presumed the one with UTC-5 TCs, two men in SS. This only UTC-5 country still in darkness. Poor but on top. [Moore-IA]
- 640 CUBA, R. Progreso outlets, Guanabacoa / Las Tunas, DEC 27 0050 - SS promo for festival marking the 40th anniversary of the Cuban revolution, then R. Progreso ID; over other SS.

- DEC 28 0951 - // 740, running Reloj program at this time; good. [Connelly*H-MA]
 640 GUADELOUPE, RFO, Pointe-a-Pitre, DEC 23 0117 - FF talk; slightly over YVQO. [Connelly*W-ME]
 650 COLOMBIA, RCN Antena Dos, HJKH, Bogotá, DEC 24 0130 -SS vocal & brass, Antena Dos ID, then slow ballad; totally dominant. [Connelly*W-ME] DEC 27 0053 - loud / local-like: ID "en Antena Dos", then numerous ads. [Connelly*H-MA]
 670 CUBA, R. Rebelde, CMQ, Arroyo Arenas, DEC 27 0041 - // 710 with Rebelde SS news about Cuba; dominant. [Connelly*H-MA]
 670 VENEZUELA, R. Rumbos, YVLL, Caracas, DEC 23 2258 - festive group vocal, ID "R. Rumbos, la emisora de Venezuela"; good, over others. [Connelly*W-ME] DEC 27 0216 - Caracas ad, phone number, R. Rumbos ID, then doorbells; blasting in over Cuba & others. [Connelly*H-MA] JAN 1 2317 - wiping out Rose Bowl game on WMAQ with "Radio Rumbos, La Emisora de Venezuela" promo slogan. [Brooker*MA]
 690 COLOMBIA, R. Recuerdo, HJ CZ, Bogotá, DEC 27 0530 - Bogotá ad & phone number, R. Recuerdo ID, then old-style (ranchera-like) SS music; good through nulled CBF. [Connelly*H-MA]
 690 unID, JAN 3 0310 - The buzz has returned, reported last year to be from Cuba, killing CBF-Montreal and Anguilla. [Conti-NH]
 700 COLOMBIA, CARACOL, HJ CX, Cali, DEC 24 0201 - CARACOL ID surfaced over jumble. [Connelly*W-ME]
 700 JAMAICA, JBC R.1, Montego Bay, DEC 28 0936 - male '60s-type U. S. soul vocal, lengthy promo for "JBC FM Stereo" (it used Frank Sinatra's "Nice and Easy" as a theme), soul vocals followed; fair over SS Latin Americans with WLW looped. [Connelly*H-MA]
 720 VENEZUELA, YVQE, Porlamar, DEC 24 0002 - SS man & woman, R. Oriente ID, mention of "Ritmo de la Baila" (dance rhythm); to good peak with CHTN nulled. [Connelly*W-ME] DEC 27 0211 - possibly this with a "R. Cadena Mundial" mention. [Connelly*H-MA]
 740 CUBA, R. Progreso synchros, DEC 27 0030 - R. Progreso ID; under CHCM, over CBL. DEC 28 0951 - with Reloj program; fair, in mess. [Connelly*H-MA]
 750 VENEZUELA, YVKS, Caracas, DEC 23 2242 - Venezuelan sporting event, Banco Provincial advert; loud / dominant. [Connelly*W-ME] DEC 27 0207 - R. Caracas R. ID, then SS telephone interview; well over C&W domestic. [Connelly*H-MA] DEC 26 2301 - fair over nulled WSB & CKGB with Venezuelan national anthem. Odd time for playing the NA, unless it was before a winter league beisbol game. [Brooker*MA] Some countries require it being played at certain times, other DXers have noted National Anthems followed by more programming on various stations. Cuba is heard with the National Anthem as one program shuts down, and then R. Reloj comes on. WBBF-950 in Rochester used to play it at noon. In other words anything goes, and it often does! - Jim)
 752.4 unID, DEC 27 0502 - het. [Connelly*H-MA]
 760 COLOMBIA, RCN, HJAJ, Barranquilla, DEC 23 0129 - greeting "Feliz Navidad con RCN"; loud. [Connelly*W-ME] DEC 26 2257 - fair/good in nulled WJR with string of ads, "RCN" jingles and a SS version of Jingle Bells. [Brooker*MA] DEC 27 0202 - "R. Noticias" slogan, then RCN mention; good with WJR nulled. DEC 28 0950 - // 770 with RCN ID; way over WJR, others at this late time. [Connelly*H-MA]
 770 COLOMBIA, RCN, HJ JX, Bogotá, DEC 27 0057 - RCN SS newstalk; burying WABC [Connelly*H-MA]
 780 BRITISH VIRGIN ISLANDS, ZBVI, Roadtown, Tortola, DEC 23 0130 -BBC report by woman; fair over Latin American jumble with CFDR & WBBM in E-W loop null. [Connelly*W-ME]
 780 VENEZUELA, Ecos del Torbes, YVOD, San Cristobal, DEC 24 0212 -Ecos del Torbes ID, then old-fashioned SS dance / party music. In with huge signal over CFDR et al.: MW was much stronger than SW parallel on 4980. [Connelly*W-ME]
 800 NETHERLANDS ANTILLES, Trans-World Radio, PJB, Bonaire, DEC 24 0015 - SS program "La Biblia Dice" (The Bible Speaks), mentions of MW and SW frequencies; way over Canadians. [Connelly*W-ME] DEC 28 0947 - SS religious program used phrase "Mundo de la OraciEon" (world of prayer), announcer asked for all to pray for listeners in Cuba; dominant. [Connelly*H-MA]
 810 COLOMBIA, CARACOL, HJCY, Bogotá, DEC 24 0202 - "Aquí CARACOL" mentioned during a promo that had noticeably compressed audio. Signal generally behind CJVA, but over WGY. [Connelly*W-ME] DEC 28 0930 - SS music, then SS Colombian news; over WGY & others. [Connelly*H-MA]
 830 ST. KITTS & NEVIS, TBN, Basseterre, DEC 23 0131 - // 7510 with EE preaching; good, well

- over CFJR/WCRN. [Connelly*W-ME]
 840 CUBA, CMHW, Santa Clara, DEC 27 0103 - dominant, booming in with ID "Ésta es DobleVé, desde Santa Clara, en el Centro de Cuba." [Connelly*H-MA] JAN 3 0400 - Fair; "Ésta es... a... Santa Clara" ID with fanfare into pop ballad, sounded like "Ésta es DobleVé", but clear Santa Clara made it a positive ID, in WHAS null. [Conti-NH]
 895 ST. KITTS & NEVIS, VON, Bath Village, DEC 22 2304 - excellent with Black gospel music and preacher. [Connelly*W-ME]
 1020 TURKS & CAICOS, Caribbean Christian Radio, DEC 27 0120 - VOA news about Secretary of State Madeline Albright, then item about the celebration of Kwanzaa; excellent / dominant, way over KDKA. Loop heading was correct for Turks & Caicos. No other stations besides this and KDKA were audible on 1020 at the time. [Connelly*H-MA]
 1080 VENEZUELA R.Barcelona, Barcelona JAN 3 0225 - Good; "Por Radio Barcelona..." news promo, Latino pop rock/salsa music, in WTIC null. [Conti-NH]
 1375 ST. PIERRE ET MIQUELON RFO, DEC 22 0538-0540 - Fair with woman in FF and Canned Heat's "Goin' Up the Country." [DeLorenzo-MA]
 1685 COLOMBIA, Mercaderes, DEC 28 0152 - Morse code "MER", 2 sec. pause, then "E" in a repeated sequence; loud. [Connelly*H-MA]
 1703 unID, DEC 28 0158 - CW beacon "RGQ RGQ RGQ W3 T T T" in repeated sequence; fair. [Connelly*H-MA]
 CONTRIBUTORS
 @Mike Brooker, Toronto ON; DXing at Kripalu Center for Yoga & Health, Lenox, MA; Panasonic RFB-45.
 @Mark Connelly, DXing from Wells Beach ME; Sony ICF-2010 (with filter mod.), Quantum Loop (not always used: some receptions were made with the internal antenna only); DXing from East Harwich MA; Drake R8A; remotely-tuned loop phased against 30 m wire with DCP-2 controller / delay-line phasing unit.
 @Bruce Conti, Nashua, NH; Lowe HF-225 Europa, MWDX-5, 30-m east and south sloping wires.
 @Ben Dangerfield, Wallingford PA; Drake R8A, 3 slopers [80 ft.] grounded, DL2 phasing unit, KIWA loop.
 Marc DeLorenzo, Auburndale MA; JRC NRD-525, Quantum Loop.
 @Don Moore, Davenport IA; Drake R-8, two 400' mini-beverages. [moore@acc.mcrest.edu]
 @Jim Renfrew, Rochester NY; Drake R8, Radio West Loop. [JimRenfrew@Delphi.com]



WJDI-1620 equipment occupies a significant portion of "George Donahue's" garage. The 15 kW transmitter was hand-built by Donahue, a former NRC member who has put versions of WJDI on the air from upstate New York and put this one on the air so that he could say that he was responsible for the most powerful pirate station ever. The Christmas Eve airing of WJDI reportedly reached as far west as Montana and Kansas. However, Donahue says that, for now at least, his pirate days are over, and WJDI will not return to the airwaves.

International DX Achievements

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International DX verie/taped totals listed by continents

Year Started	DX'er	Location	Last Update	Foreign	Ctries	Total Veried	NA	SA	Eur	Oc	Af	As
?	Falconer, Jeff	ON	1976	1175	49	0	0	44	0	0	0	0
1933	Geary, Kermit	PA	1993	988	107	6190	512	243	147	61	23	2
1933	Cooper, Ernest	NY-MA	1980	760	79	4142	528	131	88	7	6	0
1946	Holbrook, Hank	MD	1993	640	103	2876	303	103	156	49	26	3
1952	McIntosh, Eric	NZ	1965	635	63	686	301	2	45	253	4	81
1938	Anderson, Roger A.	VA/NY/PA	1993	514	105	1448	227	78	128	48	28	5
1950	Krejny, Edward	OH	1996	441	76	2733	208	126	91	6	10	0
1963	Scrimgeour, Gray	CA/ON	1971	440	47	526	354	10	18	31	1	26
1940	Morss, Stan	MA	1993	424	84	3922	218	65	221	1	14	3
1964	Sorensen, Morris	ON/MB	1975	385	13	537	375	1	9	0	0	0
1958	Merriman, Alan	VA	1994	368	93	1615	212	47	88	3	14	4
1958	Dangerfield, Ben	PA	1996	331	126	426	85	44	151	8	33	10
1934	Gustafson, Hilding	IL/FL	1995	314	118	860	69	34	114	61	24	13
1931	Steele, Sid	IL	1996	299	36	3096	104	12	2	8	0	1
1946	Moore, Ray	MA	1993	245	104	245	95	52	59	8	24	7
?	Dellit, Sam	Australia	1978	218	37	362	109	0	5	80	1	23
1960	Rugg, Andy	QC	1996	208	71	1705	87	48	66	0	6	1
1954	Starr, Jerry	OH	1974	194	51	1209	134	34	20	3	3	0
1960	Lynch, Don	MA	1980	157	9	0	0	0	0	0	0	0
1947	Luton, Relfe	NC	1973	142	23	1049	102	4	3	33	0	0
1969	Karchevski, Bob	MA/CA	1975	141	24	204	112	0	0	6	0	0
?	Callarman, John	?	1970	138	50	740	72	20	17	20	3	6
1964	Reynolds, Bruce	MO	1977	121	28	1103	111	6	2	2	0	0
1975	Swearingen, Paul (taped)	KS	1997	95	22	746	43	16	0	0	0	0
1955	Palmer, Richard D.	IL	1993	94	33	822	77	4	10	2	1	0
1976	Froemming, Gary	AZ	1994	92	17	338	85	7	0	1	0	0
1931	Wheeler, Frank	PA	1993	78	25	1885	68	7	1	2	0	0
1941	Kruse, Len	IA	1971	77	15	4080	61	3	0	13	0	0
?	Sampson, John	NJ	1965	72	54	445	23	6	38	1	3	1
1958	Wesolowski, Ernie	NE	1995	69	24	2001	53	7	0	7	1	1
1931	Holland, George B., Jr.	NY	1996	58	22	885	46	5	5	2	0	1
1962	Musco, Ron	CT	1996	57	44	1243	40	5	9	0	2	1
1962	Edmunds, R. J. (taped)	NJ	1993	56	43	897	845	37	14	0	0	1
1976	Renfrew, Jim	NY	1993	51	35	331	44	7	0	0	0	0
1965	Kadet, Jeff	MD	1969	41	12	703	39	0	0	2	0	0
1958	Phillips, Dan	TN/AL	1974	40	26	567	21	9	5	3	1	0
1964	Heinen, Wayne	NY/CO	1996	38	38	1470	26	3	5	2	0	2
?	Fela, Joseph	NJ	1965	35	24	738	19	4	11	0	1	0
1966	Bruner, Jesse R.	KY	1966	27	23	132	17	3	5	2	0	0
1973	Mount, Paul	NJ	1995	25	6	230	22	2	0	0	0	0
1977	Wolfish, Niel	ON	1977	20	11	397	14	4	2	0	0	0
1968	Bytheway, Phil	WA	1982	20	9	457	0	0	0	0	0	0
1964	Whitmough, Dave	ON	1994	15	13	1014	6	1	2	6	0	0
1962	Edmunds, R. J. (paper)	NJ	1994	13	7	266	10	3	0	0	0	0
?	Erickson, Don	CA	1982	9	6	442	8	0	0	1	0	0
1965	Long, John	CT	1968	0	29	101	0	0	0	0	0	0
1975	Bartek, Daniel, Jr.	NE	1976	0	2	23	0	0	0	0	0	0

Thanks to Ben Dangerfield, Wayne Heinen, and George B. Holland for updates, and welcome to Ed Krejny, who joins us. Remember, only taped or paper veries are counted, and mainland U. S. and Canadians are not included in NA totals. Include your best catch from each continent and all other totals when reporting. Our next column will feature North American totals

Target DX

DX'ing 'smart', with shared tips and requests by NRC members

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Part of becoming the "compleat" DXer includes learning about topics above and beyond radio. For example, how often has this happened to you:

You tune in to a particular frequency, and almost immediately your DX-trained ears pick out something you know you haven't logged before. However, it's not very strong, and there's plenty of interference. But you stick with it, sometimes for hours, and all you've got are a few bits and pieces of identifiable audio. No station identifications, but if you knew where the Spinners baseball team played, then you would have a good clue. Thus, from time to time, Target DX will feature background information about the culture, geography, or other aspects of a particular location or region, which might help you identify that elusive catch that's been hiding in the noise.

DX Target: Bermuda

Welcome to the land of pink sands, wickets, Outerbridge's hot concentrated pepper sauce, and cruise ships. This is Bermuda, known for the Bermuda highs that bathe the eastern United States with the hazy, hot, and humid weather of summer, for the Bermuda Triangle that's mysteriously taken more than its share of boats and planes, and for the challenge it represents to DXers seeking to QSL this tiny island nation.

What's A Wicket?

Bermuda is the United Kingdom's oldest colony. Despite an independent parliamentary government, Bermuda is still a dependent territory of the United Kingdom which is responsible for defense, relations, and security. But the culture for the most part is split between the influences of the United Kingdom, United States, and Caribbean. For example, the top-rated major television networks are NBC, ABC, Fox, and CBS. Yet the BBC plays an important role in local radio. The Bermuda Top 40 consists of a mix of the latest hits in the United States and England, along with popular steel bands, reggae, and soca groups such as Byron Lee and the Dragonaires. (Soca is so-named for the upbeat tropical rhythm that's a mix of soul and calypso music.)

So, what's a wicket? Like baseball is considered the national pastime in the United States, cricket is the number one sport in Bermuda, with football

(soccer) a close second. In the game of cricket, a wicket is a score or point given when a player hurls the ball between the opposing team's goal posts. These posts are also called wickets. Some of the local cricket teams you may hear about include the Somerset Bridge, Southampton Rangers, and Western Stars, as they play for the Central Counties championship, the Western Counties Cup, the Camel Cup, or the coveted Cup Match. You may also hear about the national team on the BBC, when they play against other national teams from around the world, in places like Australia, Holland, Kenya, Zimbabwe, and England. Other major sports include squash, softball, and of course, sailing.

Additional notes and statistics: The capital of Bermuda is Hamilton. Other communities include Devonshire, Heron Bay, Shelly Bay, Somerset, Southampton, St. George's, and Warwick. The total resident population is around 62,000. Major newspapers are the Royal Gazette, the Bermuda Sun, and the Mid-Ocean News.

Target Stations

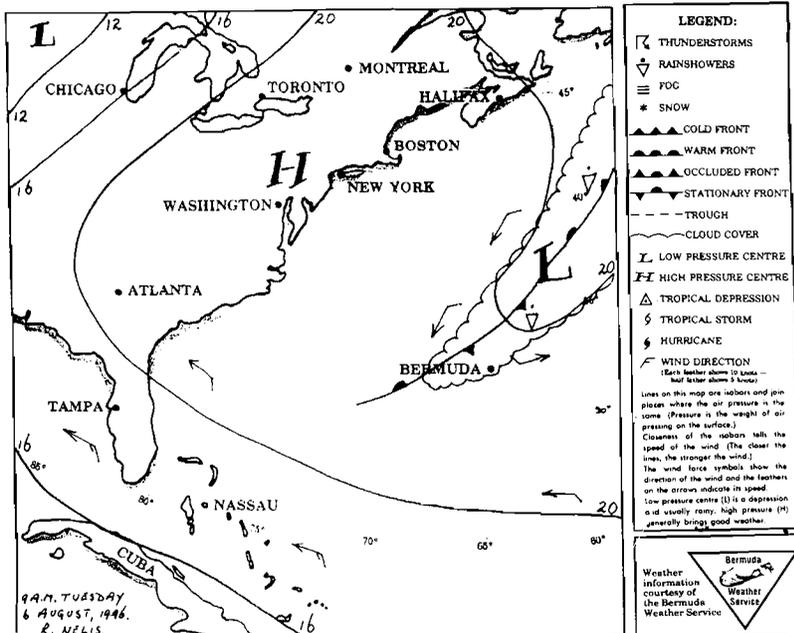
1160	VS3	BBC World Service
1240	ZFB	News/Sports/Ethnic
1280	VS2	Religion
1340	ZBM-2	News/Sports
1450	VS1	C&W music

VS3 on 1160 kHz is the most widely heard of all the stations. Despite the congestion on this frequency (WSKW-Maine, WVNJ-New Jersey, WJJD-Chicago, and KSL-Salt Lake City among others), VS3 is often logged from eastern North America. VS3 carries the BBC World Service overnight. If the interference is too much, then try syncing it up with a BBC "Americas stream" shortwave parallel such as 5975 kHz. Don't expect to hear a local ID at the top of the hour during relay of the BBC World Service. The only IDs you'll hear will be "This is London" and many mentions of the BBC.

VS2 on 1280 kHz represents your next best shot at hearing Bermuda, although a much more challenging target than 1160. VS2 carries religious programs, usually syndicated, from the United States and elsewhere. The NRC's Mark Connelly has recently reported hearing this from coastal Massachusetts locations.

Byron Lee
and the DRAGONAIRES

Don't count out ZFB, ZBM-2, or VSBI either. Despite being on a North American graveyard frequency, VSBI for example has been heard over quite a distance according to Bill Hale's Graveyard Achievements records. VSBI carries country & western music, which has seen a recent rise in popularity in Bermuda and the Caribbean. Your best chance of receiving the graveyards, or any of the Bermuda stations if you don't live on the Atlantic coast, will be when conditions are at least auroral enough to reduce skywave from the midwest and northeast. However, you may also hear Puerto Rico's "Super Borinquen" on 1160, Cuba, or other Latin American stations too, when conditions are indeed auroral. But at least the British-accented English of Bermuda is easily separable from Spanish, or United States' English for that matter.



The Royal Gazette

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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 U. S. 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).

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Newfoundland DXpedition V, Part 1

2 November to 17 November, 1996

A report assembled by Jean Burnell, St. John's, Newfoundland

Prologue - Jean Burnell

Newfoundland DXpeditions have come a long way since that first long-weekend of DX back in 1991. Each DXpedition brought new participants along with improvements in our antenna complement and our shack facilities. The latest Newfoundland DXpedition took place between November 2 and 17, 1996, at the usual site, known to us as the 'DX Inn,' at Cappahayden, Newfoundland. The antenna technology and our accumulated DX experience translated into a DXpedition of unprecedented success. I am sure that it was, without exaggeration, the "biggest and the best" medium-wave DXpedition that has ever been mounted in North America. The logs include reports of stations from 130 countries, and details of reception of dozens of stations never before heard in North America.

This was the longest event that we have attempted, just over two weeks, and it involved seven DXers. On Thursday, October 31, I brought much of the wire and equipment to Cappahayden from St. John's. I installed much of the grounding system, which is not a trivial matter in Newfoundland. (It is not without reason that Newfoundlanders refer to their home as "The Rock.") I also prepared the room at the 'DX Inn' that would be our shack. It was windy and raining very hard on the morning of Saturday, November 2, when I began setting up the two work-horse antennas of the DXpedition. A one-kilometer long Brazilian Beverage of 12-gauge wire was extended along the bluffs and rocky strand south of the 'DX Inn.' Then a Beverage of thinner wire and about half that length was pointed towards Northern Europe and the Indian subcontinent along the boulder-strewn shore NNE of the 'DX Inn.' It was well past dark when I finally switched on my Drake for the first logs of the DXpedition. I heard the Italian Radiouno station on 1062 kHz signing off just before 2300 UTC, which left the Turkish station at Diyarbakir clear for its sign-off a few moments later.

The participants on this DXpedition were in two teams, with myself as the 'roving reporter,' returning to St. John's every couple of days to give lectures and consult with my research group. The first week the visitors were Newfoundland DX-veterans Neil Kazaross, on his fourth trip, and Bruce Conti, on his third trip, as well as a well-known TA DXer on his first trip to Cappahayden, Ben Dangerfield. Just before midnight local time they arrived. It was great to see Neil and Bruce again, and it was a real pleasure to meet Ben. It was not long before all receivers were attached to the antennas (through splitters) and both the TA and the Pan-American DX was rolling in.

I was glad that it was less wet and windy the next day because the agenda included more antenna work. Neil and Ben installed a second European wire, which proved to be almost identical in reception characteristics with the first European antenna. I hauled out another one-kilometer South American Beverage ("the track-wire") that was aimed towards eastern Venezuela, but I thought this gave results inferior to the Brazilian Beverage for all South Americans except some Colombians. Bruce's efforts were directed towards a third southern wire, 350 meters of twisted-pair that was used with the Byan remotely tunable termination device. This proved to be an important antenna that offered impressive nulls on the St. John's stations "off-the-back" of the antenna. It was unfortunate that storm waves destroyed the ground system on the remote end of the Byan antenna early in the second week. With only this exception, the antennas were not broken by gale-force winds in the first week or lost to the heavy surf in the second week, even though there was quite a bit of seaweed caught up on one of the European antennas! Also, it was exceptional by the standards of previous DXpeditions that wire was neither rerouted by large herbivores nor purloined by 'sportsmen.' The availability of many antennas allowed Bruce and Neil to put their phasing units to good use.

There was overlap of the two teams on the evening of November 9 with the arrival of two premier Canadian DXers, Dave Clark and John Fisher. This was Dave's second Newfoundland outing, and I was glad to finally welcome John, who had had to cancel plans to attend a couple of the previous DXpeditions. The shack was a bit overcrowded, but we certainly had a lot of fun yelling out when the likes of India (Rajkot) on 1071 kHz and Georgia (the country, not the state!) on 1044 kHz were spotted. On the afternoon of Monday, November 11, Jim Renfrew arrived to complete the second team. Jim was 'radio-active' in record time, a feat that was celebrated by an inadvertent baptism of beer! In the second week significant forays were also made into the short wave bands, and, in particular, good signals from Indian regional stations, Nepal, and Bangladesh

were noted. (The SW catches have appeared in SW DX bulletins already, for instance in *DX Ontario* and in *Fine Tuning*. This report covers only the MW logs.) Against all advice, I extended one more (unterminated) antenna though some rough terrain to the west of the 'DX Inn' in the hope that this might be employed as an off-the-back African Beverage. Its signals were poor and interference-ridden, so the wire was retrieved the next day. Dave and John left before the last weekend, Jim and I brought in the wires and packed up the equipment after a final, particularly grueling night during which the kettle succumbed to the constant use, and this caffeine-dependent DXer had to struggle to stay alert without the assistance of *Coffea arabica*. In order to DX, I'll gladly put up with the wind and the snow, the exertion of extending and retrieving long antennas over uncompromising ground, and even an errant moose, but I'll not DX without coffee again!

It is difficult to pick DX highlights because there were so many! However, since the other participants managed to choose some (see the Epilogue), I should try to do so, too. Particular satisfaction for me came from finally hearing some stations that I have chased for a long time: the Voice of Lebanon on 873 kHz, the VOA relay on Rhodes 1260 kHz, the All India Radio outlets on 1071 and 1134 kHz, and ZBVI on 780 kHz. On the other hand, who can deny the thrill of hearing four Paraguayans, a 5-kW station from Jerusalem (1080 kHz), previously unlogged 250-watt stations in Brazil (1380 kHz and 1540 kHz), or a Uruguayan through a local pest (930 kHz)?

The DX was exhilarating, and the camaraderie amongst the DXers made the experience greater than the sum of its parts. But there are others whose assistance should not be overlooked. I am very grateful to Mark Connelly for his generosity in terms of both equipment and his time. The logs were improved significantly by his assistance with the typing and his careful proof-reading. He also spent many hours concurrently listening from coastal sites in Massachusetts so that propagational comparisons could be made. My wife, Stephanie Kaiser, gave me a lot of help with the equipment and supplies. I am grateful that she let me "go and play with the boys" when there were so many overdue jobs I could/should have been doing at home! Finally, I thank the Lawlor family, Theresa and Albert, for opening up their house to us. The 'DX Inn' is actually the back of their home, which used to be a 'bed-and-breakfast.' They are no longer in that business, but they re-open their rooms exclusively for us. I think they must be amused by our peculiar sleep-by-day-and-up-all-night lifestyle and our criss-crossing of the countryside with miles of wire. Perhaps they just want to humour a bunch of grown men who are excited to travel great distances to listen to stations that are essentially inaudible to normal people, in languages none of them understands!

Participants and Equipment

The participants, their dates of participation (UTC) and receivers:

Jean Burnell, St. John's, NF	[JB]	Nov 2-Nov 17	Drake R8A, Icom IC-R71A
Ben Dangerfield, Wallingford, PA	[BD]	Nov 3-Nov 7	Drake R8A
Bruce Conti, Nashua, NH	[BC]	Nov 3-Nov 10	Drake R8A
Neil Kazaross, Barrington, IL	[NK]	Nov 3-Nov 10	Drake R8A
Dave Clark, Toronto, ON	[DC]	Nov 9-Nov 14	Drake R8, Drake R8A
John Fisher, Calgary, AB	[JF]	Nov 9-Nov 15	Icom IC-R71A
Jim Renfrew, Rochester, NY	[JR]	Nov 11-Nov 17	Drake R8

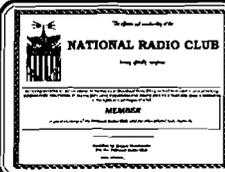
Four terminated Beverage antennas: approx. 1 km towards Brazil and South Africa; approx. 1 km towards Venezuela; 2 x 600 m towards northern Europe & India

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The Logs (UTC dates and times)

Trans-Atlantic DX

- 153 ALGERIA Radiodif. Algerienne, Bechar, NOV 3 0340 [BD].
- 153 GERMANY Deutschlandfunk, Donebach, NOV 3 0340 [BD]. NOV 13 0116 - Classical music program, male DJ, // 756, 1269, 1422 [JR].
- 162 FRANCE France-Inter, Allouis, NOV 3 0340 [BD].
- 171 BELARUS/RUSSIA/UKRAINE R. Rossii, 3 1.2-MW sites, NOV 3 0340 [BD]. NOV 12 0535 - Talk by man in definite Russian but well under Morocco's music programme [DC]. NOV 17 0430, 0459 - Man speaking RR, not // 261, // 234; at 0459 anthem, pips, sound effects, "Rossii." I noted a few moments later an AA program, so Morocco may have signed on, not // 207 [JR].
- 171 MOROCCO Nador, NOV 3 1900 [BD].
- 177 GERMANY DeutschlandRadio, Oranienburg, NOV 3 0345 [BD]. NOV 12 0302 - GG news // 855 [JR].
- 180 TURKEY TRT, Polatli, NOV 3 2240 [BD].
- 183 GERMANY Europe 1, Felsberg, NOV 3 0345 [BD]. NOV 12 1813 - Ads and ID in FF [JR].
- 189 ITALY/SICILY RAI Radiodue, Caltanissetta, NOV 15 2250 - Very weak in noise but // 846, 7175; off after 2300 (DSWCI OCT 96 says this one goes off at 2200) [JR].
- 198 ENGLAND BBC R. 4, Droitwich, NOV 3 0345 [BD].
- 207 MOROCCO RTM A, Azilal, NOV 4 2120 - // 612, 819, 936, 1053 [at 2120] [BD]. NOV 15 2031 - Clear parallel with 612, 711, 819 program [JR].
- 216 FRANCE R. Monte Carlo, Roumoules, NOV 3 0345 [BD].
- 225 POLAND Polskie R., Raszyn, NOV 3 2245 [BD]. NOV 11 2201 - Strong signal, ID as "Polskie Radio" then news [JR]. NOV 12 0530 - ID by man, music bridge and voice-overs with guitar music; very strong [DC].
- 234 LUXEMBOURG RTL, Junglinster, NOV 3 0345 [BD].
- 234 RUSSIA R. Rossii. multiple sites, NOV 17 0440 - // 171 under Luxembourg [JR].
- 243 DENMARK Danmarks R., Kalundborg, NOV 3 0345 [BD]. NOV 12 0540 - Classical music and talk by man in Danish; very good; weak unID behind presumably Turkey [DC].
- 252 ALGERIA Radiodif. Algerienne, Tipaza, NOV 3 2251 - in FF at the time [BD]. NOV 12 0540 - Talk by man in French; fair, mixing with Atlantic 252 which tended to dominate [DC]. NOV 15 1857 - Presumed, in FF under Ireland [JR].
- 252 IRELAND Atlantic 252, Clarkestown, 3 NOV 2250 [BD]. NOV 12 0543 - Pop music and ID as "Longwave Radio 252" at 0544; to good peak over Algeria [DC]. NOV 12 1515 - Daytime TA noted almost every day that I looked for it during the noon hour [JR].
- 261 GERMANY R. Ropa, Burg, NOV 12 0259 - Six pips, anthem, ID as "Radio Ropa" then news in GG; QRM from beacon YT [JR].
- 261 RUSSIA R. Rossii, Taldom, NOV 3 0350 [BD]. NOV 12 0545 - Talk in definite Russian; fair in mix with pop music from the German [DC]. NOV 16 0424 - Woman in RR, music at 0436 // 873 (as in WRTH) [JR].
- 270 CZECH REP. Cesky Rozhlas, Uherske-Hradiste, NOV 12 0546 - Woman, then man with apparent news commentary; good [DC]. NOV 16 2159 - 5 + 1 pips, ID as "Cesky Rozhlas," news mentioned President Walesa of Poland, heavy beacon QRM [JR].
- 279 BELARUS Belaruskaje Radujo, Sasnovy, NOV 17 0425 - Very weak with no // [JR].
- 531 ALGERIA Radiodif. Algerienne, Ein Beida, NOV 3 0355 [BD].
- 531 FAROE IS. Útvarp Føroya, Akkraberg, NOV 4 0712 - Sign-on with distinctive IS, then man in Faroese, strong over Spain [BC]. NOV 11 0737 - M in Faroese, mx pgm; QRM from Spain, SIO 322 [JB]. NOV 12 *0712-0732 - Carrier came on at 0706, 7-note xylophone IS at 0712, sign-on anmt by man at 0715, morning religious program with hymns and prayers at 0718, talk by a man at 0730; great signal until deep fade at 0735, but nicely back again with vocal at 0739, and still holding well at 0747 tune-out during talk in presumed Faroese by man; not heard at all last year [DC/JF/JR]. NOV 13 0712 - IS to 0715 opening this time by a woman; choral anthem at 0719; fair peaks (SIO 233), mixing with Spain, but nothing like the archival signal of the prior day [DC/JB].
- 531 GERMANY MDR-Info, Burg, NOV 3 0505 - // 783, 1044, 1188 [BD].
- 531 MADEIRA RDP, Porto Santo, NOV 15 2143 - PP soccer coverage // 666; no other RDP outlet here except Madeira [JR].
- 531 SPAIN RNE5 synchronos, NOV 3 0400 [BD]. NOV 4 0710 - "España a las ocho, Radio

- Nacional" morning news program, good signal over unID station before Faroes sign-on [BC]. NOV 12 0651 - SS talk; fair-good [JF]. NOV 12 0705 - News in progress with good signal while waiting for Faroes [DC].
- 540 HUNGARY Magyar R., Solt, NOV 3 2220 - Good; classical flute music, // 6025 [BC].
- 540 MALI ORTM, Bamako, NOV 2 2340 - African mx under QRM, // 4782.38; SIO 221 (first log from Newfoundland on MW!) [JB]. NOV 5 2209 - Highlife mx under CBT, // 4782.4; SIO 222 [BC/BD/JB/NK]. NOV 10 1943-1951 - FF talk alternately by man & woman and readily // good signal on 4835 kHz (was on 4783.4 previous day); poor [DC/JF].
- 540 MOROCCO RTM, Sidi Bennour, NOV 9 2345 - // 207, AA; u/ CBGA1 & Hungary w/ CBT phased [NK].
- 549 ALGERIA Radiodif. Algerienne, Les Trembles, NOV 3 0355 [BD].
- 549 SAUDI ARABIA BSKSA, Qurayyat, NOV 10 0314 Call to prayer, // 594; fair [JF].
- 549 UNID Radiostantsiya Mayak, multiple sites, NOV 5 2222-2301 - Romantic RR mx, Mayak IS at 2239 and just before 2300; QRM from Algeria and others, SIO 322-1 [BD/JB].
- 558 SPAIN RNE5 synchros, NOV 3 0355 [BD]. NOV 15 0210 - // 567, 576, 603 [JR].
- 567 IRELAND RTE R. 1, Tullamore, NOV 3 0355 [BD]. NOV 3 2350 - Excellent; "Bank of Ireland presents the Nutcracker" ad, mention of FM-3, "Radio One" ID and weather [BC]. NOV 14 0413-0504 - Pop music with DJ Darryl Murphy presenting Irish artists of the past and present, including Van Morrison and Alison Moyet, fanfare and "Radio One News" at 0500; good [JF].
- 576 LATVIA Latvijas R., Riga, NOV 7 1833-1840 - // 1350 & 1422, woman in Latvian, then soft piano music [NK]. NOV 8 1946 - Piano and violin sonata, // much stronger 1350; SIO 222 [JB].
- 576 SOUTH AFRICA R. Metro, Meyerton, NOV 7 2048 - Tentative; SAH w/ Spain, some US music noted; 846 (Xhosa) was big at the time [NK].
- 576 SPAIN RNE5, Barcelona, NOV 3 0355 [BD]. NOV 15 0210 - // 558, 567, 603 [JR].
- 585 SPAIN RNE1, Madrid, NOV 3 0355 [BD]. NOV 9 2245 - SS talks; fair [JF].
- 594 GERMANY Hessischer Rundfunk, Frankfurt, NOV 6 0100 - // 666, 801 [BD]. NOV 6 0117 - ARD "Nachtextpress" pgm w/ country song, // 666, 1017; SIO 332 [JB].
- 594 PORTUGAL R. Renascença, Muge, NOV 6 0100 [BD].
- 594 SAUDI ARABIA BSKSA, Duba, NOV 3 0320 - Koran, // 1521; SIO 333 [JB]. NOV 3 0358 [BD]. NOV 15 0310 - Call to prayer, // 1521; fair [JF].
- 603 ENGLAND BBC R. 4, Newcastle, NOV 14 0302-0310 - News and sports // 198, 720; poor, but only 2 kW [JF/JR]. NOV 14 0322 - Radio 4 sports, // 198 and 720; good peaks over Spain [DC].
- 603 FRANCE R. Bleue, Lyon, NOV 6 1814 [BD].
- 603 IRAQ Iraq R., Nineva, NOV 5 0256 - Tentative; anthem by chorus at s/on [BD].
- 603 MADEIRA Centro Regional RDP, Pico de Areiro, NOV 3 2048 - PP [BD]. NOV 5 2225 - Fair; Portuguese music // 1125, over/under RNE5, which was also // 1125 [BC].
- 603 SPAIN RNE5, Sevilla & Palencia, NOV 3 0358 [BD]. NOV 15 0210 - // 558, 567, 576 [JR].
- 612 BOSNIA-HERZEGOVINA RTV Bosnia-Herzegovina, Sarajevo, NOV 3 2143 [BD].
- 612 IRELAND RTE R. 2, Athlone, NOV 3 0358 [BD]. NOV 9 0000 - Excellent; "Night time 2-FM" ID, "2-FM news at midnight," and John Clark after midnight, pop music [BC]. NOV 12 1818 - Ads, report on a conference about cars [JR]. NOV 13 2121 - Pop music, // 1278; very good [JF].
- 612 MOROCCO RTM A, Sebaa-Aioun, NOV 4 2120 - // 207, 819, 936, 1053 [BD]. NOV 15 2031 - Clear parallel with 207, 711, 819 program [JR].
- 621 BELGIUM RTBF, Wavre, NOV 3 2300 - News in French, then sign-off with anthem and IS, good with Canaries/Spain nulled by phased wires [BC].
- 621 CANARY IS. RNE1, Santa Cruz, NOV 3 0358 [BD].
- 630 NORWAY NRK, Vigra, NOV 8 2345 - Norwegian talk then C&W tune in Norwegian! (Other small NRK stns were never audible during the DXpedition.) way o/ CFCY & Tunisia on EuroBev; CFCY dominated on South American Bev's SIO 344 [BD/JB/NK]. NOV 10 0006 - Crushing CFCY; huge (S9+32) // 1314 (which was S9+34) [NK].
- 630 PORTUGAL RDP, Santa Isabel, NOV 3 2037 - // 666, 720 [BD].
- 630 TUNISIA ERTT, Tunis, NOV 3 1900 [BD]. NOV 4 0545 - Arabic music, // 7475; good over CFCY [BC]. NOV 13 2055 - AA mx, // 7475; fair [JF].
- 648 AZORES R. Lajes, Lajes, NOV 15 2128 - Portuguese Air Force stn w/ PP soccer play-by-play, Braga vs. Central (?), not // 1125 or 666; SIO 343 [JB/JR].

- 648 BOTSWANA R. Botswana, Orapa, NOV 11 2144 - Noted briefly in // with 972, 3356 [JR].
- 648 GAMBIA R. Gambia, Bonto, NOV 13 2100-2200 - Tune-in (after noting very strong R. Syd carrier at 2059) just in time to hear a few drum-beats then man in definite Afro vernacular language with possible news (as has historically been sked at this time by reference to older WRTHs), weak at best and subject to deep fades but during a fair peak circa 2125, mentions of Liberia, possibly Zaire & Kenya, and "Gambia" (several times) were noted by all four DXers who were tracking this one; bridge of Afro drums and music preceded possible ID by woman at 2140, some talk by man and woman in vernacular was detected until bridge of native-sounding vocal at 2159 and different male announcer, seemingly in heavily accented English, heard from 2200 (news in EE is sked at this time) but signal lost soon thereafter under RNE Sevilla [DC/JB/JF/JR]. NOV 14 2134-2139, 2152-2220 - Better than previous day w/ African talk, including some drama, mx w/ wailing and slow drums at 2158, 2200 5+1 pips, W in EE: "10 o'clock, and time for the 'News at Ten' for Radio Gambia," nx (man and woman alternate items) including telephone interview w/ "the Radio Gambia reporter in Goma," R. Syd 907.82 appears to be parallel at this time with the EE news; SIO 242, and still audible at 2355 [JB/JF/JR]. NOV 15 2112 - Briefly audible, // 907.82, not parallel after 2115 [JR].
- 648 SPAIN RNE1, Badajoz, NOV 6 0315 [BD]. NOV 13 2200 - Pips, SS nx, // 684; SIO 333 [JB].
- 648 TAJIKISTAN Tajik R., Orzu, NOV 13 *0102 - ID at sign-on "irut Dushanbe," anthem and apparent news by man at 0105, // 4635.02 [DC/JR].
- 657 ISRAEL Kol Israel Reshet Beth, Tel Aviv, NOV 3 2142 - Pop music, // 1206 & 7495 [BD]. NOV 9 2348-0007 - Old EZL standards like "Girl from Ipanema," Hebrew ancr, // 1206; peaked at SIO 333 [JB/JF]. NOV 13 2350 - EZL music and talk at 2355 by woman in Hebrew; difficult thru QRM here; // 1080 and 1206 [DC]. NOV 16 0205 - Music program, // 1206 [JR].
- 657 ITALY RAI Radiouno synchros, NOV 15 2248 - Jazz program, // 1062, 1332, 1575, 6060 [JR].
- 657 SPAIN RNE5, Madrid, NOV 3 0400 [BD].
- 666 GERMANY SWF, Rohrdorf, NOV 6 0100 - // 594, 801 [BD]. NOV 6 0118 - ARD pgm w/ German pops, // 1017; over Lithuania, SIO 322 [JB]. NOV 14 0200 - World news, // 666 [JR].
- 666 LITHUANIA R. Vilnius, Sitkunai, NOV 3 2235 - EE pgm, economic nx; Portugal QRM, SIO 222 [BD/JB]. NOV 3 2248 - fair w/ EE talk about Lithuanian parliament; Portugal phased [NK]. NOV 3 2245 - Good; mention of 9710 kHz and EE news about Latvia, oil exploration agreement [BC]. NOV 12 2150-2239 - Russian (?) talks, anthem at 2157, IS at 2159 and English ID "This is Radio Vilnius. The following 30-minute program is in Lithuanian. This will be followed by a 30-minute program in English;" Lithuanian news and features, EE program with news at 2230; fair-good [JF/JR]. NOV 13 2004 - Man with news in English referencing Lithuanian Democratic Labour Party; comment regarding parliamentary elections at 2007; fair-good [DC].
- 666 PORTUGAL RDP Antena 1 synchros, NOV 3 0405 [BD]. NOV 15 2140 - PP soccer play-by-play, at least two echoing signals; SIO 433 [JB/JR].
- 666 SPAIN R. Barcelona, Barcelona, NOV 3 0405 [BD].
- 666 SYRIA ORT Arabe Syrienne, Damas-Sabboura, NOV 6 2145 - // 783 & 918, AA news; behind Portugal & Germany, reception helped by phasing [NK]. NOV 8 1910 - AA // 783; u/ Portugal [NK].
- 675 FRANCE France-Inter, Marseille, NOV 3 0400 - // 162 [BD].
- 675 NETHERLANDS R. Ten Gold, Lopik, NOV 4 2342 [BD]. NOV 5 1920 - Excellent; jingle ID and oldies music [BC]. NOV 10 0318-0403 - Pop mx by Abba, Beatles, Sam & Dave w/ no anmts, Dutch ID, jingles and anmts at 0403; good [JF].
- 684 SERBIA/YUGOSLAVIA RTV Srbije, Beograd, NOV 3 0400 [BD]. NOV 4 0600 - Good; "Radiotelevizija Srbije" ID, // 7200, over/under Spain [BC]. NOV 9 2309 - Talk in local lang; fair mixing w/ Spain [JF].
- 684 SPAIN RNE1, Sevilla, NOV 3 0400 [BD].
- 693 AZORES RDP Terceira, NOV 4 2040 [BD]. NOV 13 2325 - EZL vocal by woman, mixing with BBC; pretty definite // on 1259 [DC].
- 693 ENGLAND BBC R. 5, Droitwich et al., NOV 3 0400 - // 882, 909 at time [BD]. NOV 9 2310 - Live boxing match coverage; good [JF].
- 702 GERMANY NDR, Flensburg, NOV 6 1956 [BD].

- 702 **MOROCCO** RTM, Sebba-Aioun, NOV 6 1956 - // 827 at time [BD].
- 702 **SLOVAKIA** Slovensky Rozhlas, Banská Bystrica & Presov, NOV 3 0400 - // 1098 [BD]. NOV 14 0219 - Soft instrumental music program // 1098, mention of "Slovakie" [JR]. NOV 16 0111 - Elevator mx w/ no anmts, // 1098; SIO 433 [JB].
- 711 **FRANCE** R. Bleu, Rennes, NOV 3 0535 [BD]. NOV 4 0605 - Good; nostalgic French vocal, // 1206 [BC]. NOV 6 1844 - Woman interviewed in EE w/ FF voice-overs; SIO 343 [JB].
- 711 **LIBYA** Libyan Jamahiriya Broadcasting synchros, NOV 6 0438 - Koran // 1251 [BD].
- 711 **MOROCCO/WESTERN SAHARA** RTM, Laayoune, NOV 3 0405 [BD].
- 720 **CANARY IS.** RNE5, Santa Cruz, NOV 4 2107 - // 747 [BD].
- 720 **NORTHERN IRELAND & ENGLAND** BBC R. 4, Lisnagarvey & 2 sites, NOV 5 0124 [BD]. NOV 14 0302 - News program, // 198 [JR]. NOV 14 0322 - Radio 4 sports, // 198 and 603; fair under unID pop music station [DC].
- 720 **PORTUGAL** RDP synchros, NOV 3 0405 [BD]. NOV 9 2321 - OM/YL w/ PP talks; poor [JF]. NOV 13 2057 - Woman in PP; once mighty RDP stn now reduced to QRM for CHTN, SIO 322 [JB]. NOV 15 0144 - Heard // 666 [JR].
- 729 **IRELAND** RTE R. 1, Cork, NOV 4 0253 [BD]. NOV 12 1830 - Six pips and then announcer apologizes for lack of news feed [JR].
- 738 **SPAIN** RNE1, Barcelona, NOV 3 0410 [BD].
- 747 **CANARY IS.** RNE5, Las Palmas, NOV 4 2107 - // 720 [BD].
- 747 **NAMIBIA** Namibian Broadcasting Corp., Gobabis, NOV 7 2135 - Seemed // 3270 & 3290 w/ same urban contemp. song after news ended; getting through co-channel Canaries & sloop from CBGY-750 [NK]. NOV 9 0027 - Briefly noted w/ audio // 3270 & 3290 o/u Canaries-Spain - 747 & sloop from 750 [NK]. NOV 10 2120 - Female vocal, tentatively // 3270.05 & 3289.91; again at 2233 with almost certain // holding up for about 2 minutes [DC].
- 747 **NETHERLANDS** NOS1, Flevoland, NOV 3 0415 [BD].
- 747.04 **BURKINA FASO** Radiodif. Nationale du Burkina, Ouagadougou, NOV 4 2034 - Tentative; African music [BD]. NOV 10 2208-2216 - Nx in FF then talk about meditation as a tropical medicine, // 4815; SIO 332 [DC/JB/JF]. NOV 12 0625 - High-life music, making for an easier, albeit thru QRM, // with the strong signal on 4815 [DC]. NOV 15 2129 - Excellent signal, talk, music set to one-string instrument, stronger than 4815 SW! [JR]. NOV 15 2226 - Nx in FF; SIO 433 [JB].
- 756 **ENGLAND** BBC R. 4, Redruth, NOV 14 0302 - News program // 198 [JR].
- 756 **GERMANY** Deutschlandfunk, Braunschweig & Ravensburg, NOV 3 0415 [BD]. NOV 13 0116 - Classical music program, male DJ, // 153, 1269, 1422 [JR].
- 756 **SPAIN** R. Euskadi, Bilbao, NOV 3 0415 [BD]. NOV 4 0300 - "Radio Euskadi, Servicios Informativos" over Germany [BC]. NOV 16 0400 - Pips and dual ID [JR].
- 765 **SENEGAL** RTV Sénégal, Dakar, NOV 3 2130 [BD]. NOV 6 approx 2100 - Tribal African music in with nice signal: S9+9 (and atop Switzerland) on Brazil Bev, Switzerland dominated (at S9+25) on EuroBev; Dakar possibly not running full power [NK].
- 765 **SWITZERLAND** R. Suisse Romande, Sottens, NOV 3 0415 - Classical music [BD]. NOV 11 1856-1907 - Tentative; AA-sounding mx, ID as "Le Premier Emeteur" at 1859, FF news, and jazz mx; good [JF]. NOV 12 1834 - FF ID [JR].
- 774 **EGYPT** Egyptian R., Abis, NOV 5 0145 - Music [BD].
- 774 **SPAIN** RNE1 synchros, NOV 3 0415 [BD]. NOV 12 1836 - At least two sites heard with echo [JR]. NOV 16 0538 - Echo still noted [JR].
- 783 **GERMANY** MDR, Wiederau, NOV 3 0505 - // 531, 1044, 1188 [BD]. NOV 10 1953 - M w/ nx over Syria; SIO 333 [JB].
- 783 **PORTUGAL** RDP R. Comercial, Mirandela & Canidelo, NOV 3 0420 [BD].
- 783.06 **SYRIA** ORT Arab Syrienne, Tartus, NOV 3 0420 [BD]. NOV 6 2145 - // 666 & 918, AA news; huge, S9+22! [NK]. NOV 8 1932 - // 666, 918, AA ment. "al Suriya," then music; very good [NK]. NOV 10 1928 - AA tks by M and W; poor [JF]. NOV 12 2117 - W in AA, not // 827 at this time; this stn, being slightly off-frequency, has been putting the growl on 783, SIO 444 [JB].
- 783.40 **UKRAINE** Ukrayinsko R., unknown site, NOV 10 1927-1936, 1954, 2052 - M w/ very dramatic speech, very heroic mx; SIO 332 (thanks to Mauno Ritola for help with this one) [DC/JB].
- 792 **GREECE** VOA Relay, Kavalla, NOV 4 1930 [BD]. NOV 16 1945 - Serbian pgm, promised a news report but there was a "technical delay;" then news items; just before 2000 in EE: "This

- program has come to you from VOA Washington;" SIO 322 [JB].
- 792 **SPAIN** R. Sevilla, Sevilla, NOV 3 0420 [BD]. NOV 16 1948 - Soccer w/ Deportiva La Coruña vs somebody; SIO 333 [JB].
- 801 **ENGLAND** BBC R. Devon, Barnstaple, NOV 15 0419 - Presume this w/ BBC nx; faded away quickly, SIO 232-1 [JB]. NOV 16 0532 - Only BBC outlet listed [JR].
- 801 **GERMANY** Bayerischer Rundfunk, München & Dillberg, NOV 6 0100 - // 594, 666 [BD]. NOV 6 0133 - ARD pgm w/ show songs, // 1017; SIO 322 [JB]. NOV 15 0413 - In GG // 6085 [JR].
- 801 **JORDAN** R. Jordan, Ajlun, NOV 6 0135 - Presumed this w/ dramatic AA talk, AA mx from 0138; deep fades, SIO 332 [BD/JB].
- 801 **SPAIN** RNE1 synchros, NOV 3 0420 [BD].
- 810 **MACEDONIA** Makedonska Radiotelevizija, Skopje, NOV 8 2055 - Greek-sounding mx under massive BBC R. Scotland; SIO 322 [JB]. NOV 12 1845 - Tentative; Balkan string and flute folk music, 5 short + 1 long pips at 1900, heavy QRM from Scotland [JR]. NOV 12 1957 - Tentative; Balkan singing mixing w/ Scotland, possible news at 2000; poor [JF].
- 810 **SCOTLAND** BBC R. Scotland synchros, NOV 3 0420 - Variety [BD]. NOV 12 1845 - Noted with 20 minutes of promotional material from WOR (New York), Scotland weather at 1859 [JR]. NOV 12 1923-2003 - "Celtic Connections" with Celtic pop music including one song from "4 Men and a Dog," promo for morning show "That's A Slice," "This is Radio Scotland"; very good [JF]. NOV 13 0822 - Nx about the British Labour Party; SIO 433 [JB].
- 810 **SPAIN** R. Madrid, Madrid, NOV 4 2110 [BD].
- 819 **EGYPT** Egyptian R., Batra, NOV 3 0420 - Music [BD].
- 819 **MOROCCO** RTM, Rabat, NOV 4 2120 - // 207, 612, 936, 1053 at time [BD].
- 819 **POLAND** Polskie R., Wola Raszewska, NOV 4 1926 - // 1206, 1305 [BD]. NOV 16 1749 - Noted // 1305 echo [JR].
- 819 **SPAIN** R. Euskadi, San Sebastián, NOV 6 0442 - In Basque [BD]. NOV 13 1957 - SS football/soccer; QRM from Egypt, SIO 322 [JB].
- 827 **MOROCCO** RTM, Oujda, NOV 6 1956 - // 702, a Finnish DXer [Mika Makelainen - JB] says Syria [BD].
- 827 **SYRIA** ORT Arab Syrienne, Deir el Zawr, NOV 12 2235 - M in AA, mentioned Syria and Damascus many times; SIO 433 [JB]. NOV 13 0010 - Arabic music and a very strong signal, off nominal 828, not // 819 at this time [DC]. NOV 13 0031-0038* - Now // 783 (which see) w/ Koran, s/off anmts and Syrian anthem; SIO 433 [JB].
- 827 **UNID** NOV 7 2200, 2222-2224, 2312-2317 - Possibly Syria; AA music & talk, not // Libya-1251 or Morocco-1044 etc. (but Syria-783 not checked), news mentioned Clinton, Mubarak, Arafat, Libya; drama w/ gun shots was heard; audio seemed off after 0100, but OC persisted [NK].
- 828 **NETHERLANDS** Hitradio Veronica, Rotterdam, NOV 6 0445 - Rock-rap [BD]. NOV 9 1910 - Excellent; "Hitradio" promo, announced songs by Go West, Janet Jackson, and Duran Duran [BC]. NOV 13 0205 - Paul Simon music, "Veronica" SID; Jean thought they IDed differently, but that's what I heard [JR].
- 828 **SPAIN** Onda Cero, Barcelona, NOV 3 0420 [BD].
- 837 **CANARY IS.** R. Pop. de Las Palmas, Las Palmas, NOV 3 0420 [BD].
- 837 **ENGLAND** unID BBC stn, NOV 14 0407 - Woman in English briefly on top, no //s found, then faded; perhaps BBC Local R. Cumbria South, Barrow-in-Furness; heard as unID BBC outlet in Oct/95, too [DC].
- 837 **FRANCE** R. Bleu, Nancy, NOV 6 1814 [BD]. NOV 11 1858 - W w/ "Radio France" ID and jazz pgm; SIO 455 [JB].
- 837 **UNID** NOV 6 1924 - Mid East music [BD].
- 840 **CHAD** Radiodif. Nationale Tchadienne, N'Djamena, NOV 9 2052-2053 - // 4907.5, female disco vocal; o/ faded St. Lucia & weak Brazil [NK]. NOV 9 2120 - African rhythm // 4904.5, with St. Lucia nulled by phasing (St. Lucia was playing "La Macarena" at the time) [BC]. NOV 11 2158 - Very tentatively w/ glimpses of African mx then anthem, // 4904.5; really tough w/ St. Lucia and Brazil on this freq, SIO 211 [JB].
- 846 **IRELAND** R. North, NOV 10 0011 - Tentative; C&W mx, Mancr in EE, then Irish-sounding mx; under the powerful Italian, SIO 232-1 (thanks to Steve Whitt for suggesting the identity of this stn) [JB/NK].
- 846 **ITALY** RAI Radiodue, Rome, NOV 3 0420 [BD]. NOV 10 0014 - March music, Italian talks; good [JF].

- 846 **RUSSIA** unID stn, NOV 4 0008 - Woman in Russian [BD].
- 846 **SOUTH AFRICA** R. Xhosa, Komga, NOV 3 2152 - Pop singing [BD]. NOV 4 2038 - MoR EE music, "Xhosa" announcements; mostly o/ Italy on Brazil Bev [NK]. NOV 4 2125 - Abba "Knowing Me, Knowing You," Tony Orlando & Dawn "Knock Three Times," and other pop hits, "Xhosa" IDs by DJ in vernacular, good with Italy nulled by phasing [BC]. NOV 11 2204-2221 - Same format as previous year, phone calls and upbeat pop music; canned "Radio Xhosa" ID noted at 2221; fair peaks and virtually alone on this freq on Brazil Beverage [DC/JR]. NOV 15 2219 - Excellent signal noted [JR].
- 855 **GERMANY** DeutschlandRadio, Berlin-Britz, NOV 12 0302 - GG news, // 177 [JR].
- 855 **ROMANIA** R. România, Bucuresti, NOV 3 2114 - // 1152 [BD]. NOV 16 1659 - IS, pips, W talk; SIO 242 [JB].
- 855 **SPAIN** RNE1 synchros, NOV 3 0420 [BD]. NOV 10 0018 - Old Broadway-style duet music, SS anmts; good [JF].
- 864 **ARMENIA** Armenian R., Yerevan, NOV 5 2032-2036 - // 4810, "Armenia" mentions; fair to good, o/ Egypt & others [BD/NK]. NOV 5 2033 - Armenian over/under Egypt, // 4810; SIO 322 [JB]. NOV 11 1950-2008 - Woman singing, man talking mentions Armenia several times and sign-off anmt w/ freqs at 1958, piano IS at 2000, ID as "Armenski Radio, Yerevan-e khsoum," more anmts and IDs, anthem at 2003, man w/ either religious message or speech, clearly // (and better than) 4810; poor [DC/JF/JR]. NOV 12 1915 - Local music, // 4810, 4990, 7480, under France [JR].
- 864 **EGYPT** ERTU, Santah, NOV 3 0420 - Koran only [BD]. NOV 5 2033 - Man in animated AA; SIO 322 [JB]. NOV 14 0214-0240 - Call to prayer; fair [JF].
- 864 **FRANCE** R. Bleue, Paris, NOV 6 1814 [BD].
- 864 **MOROCCO** RTM, Errachidia, NOV 6 1913 - Moroccan pop [BD].
- 864 **SPAIN** RNE1, Socuellamos, NOV 3 0530 [BD].
- 873 **GERMANY** AFN, Frankfurt, NOV 4 0010 - Patriots-Dolphins football [BD]. NOV 10 0022-0127 - Arizona St. vs California college football, reports from the studio during breaks, US news and sports at halftime; fair [JF].
- 873 **HUNGARY** Magyar R., Pecs, NOV 10 0202 - Hungarian talk over AFN; fair [JF].
- 873 **LEBANON** VO Lebanon, Beirut, NOV 3 2208-2223 - AA talk and mx, // 6549.48; QRM mainly from Ukraine, SIO 222 [BD/JB/NK]. NOV 10 2019-2038 - AA mx, ads, definite // w/ 6550 during "La Macarena" then W in AA, ululations and talk w/ reverb; under AFN and others, SIO 222 (Just as well that we got this stn now - there is talk that it could be going off the air -DC) [DC/JB/JF].
- 873 **NORTHERN IRELAND** BBC Northern Ireland, Enniskillen, NOV 4 0016 - BBC nx, // 1341; QRM from AFN, SIO 322 [JB]. NOV 16 0517 - Program // 1341 [JR].
- 873 **RUSSIA** R. Rossii synchros, NOV 13 0246 - Juggernaut signal w/ RR ballad, W in RR mentioned Bolshoi and Pushkin, // 1089 & 5815 (Taldom), two supramegawatt transmitters listed here; SIO 544 [JB/JF/JR].
- 873 **SPAIN** R. Zaragoza, Zaragoza, NOV 3 0425 [BD].
- 882 **CANARY IS.** R. Pop. de Tenerife, La Laguna, NOV 3 0425 [BD].
- 882 **ENGLAND** BBC R. Wales, Washford *et al.*, NOV 3 0425 - // 693, 909 at time [BD]. NOV 12 1932-2037 - "The Wrap" with modern rock music and news items, break for a short newscast at 2000, and news items from the "Good Morning Wales" production team at 2024; good [JF]. NOV 15 2050 - Noted ID while digging for something else [JR].
- 890.97 **ALGERIA** Radiodif. Algerienne, Alger, NOV 3 0425 [BD]. NOV 11 0231 - AA mx; poor [JF]. NOV 16 2046 - AA talk, // 549; this being slightly off-freq puts a growl on 891; SIO 333 [JB].
- 900 **ITALY** RAI Radiouno, Milan, NOV 3 0425 [BD].
- 900 **SAUDI ARABIA** BSKSA, Qurayyat, NOV 3 2123 [BD].
- 907.82 **GAMBIA** R. Syd, Banjul, NOV 4 2133 - Soft African music [BD]. NOV 6 2040 - Bits of audio including African music through strong het against 909, assumed to be Gambia [BC]. NOV 9 2258 - The first DX signal I tuned in upon arrival, definite Afro vocal and talk by OM as signal rose above noise level from a deep fade; seemingly English announcer between Afro vocals at 2345 during nice peak; still on air at 0155 (NOV 10) but gone at 0200 recheck, the listed s/off [DC]. NOV 10 2200 - Fair peak playing "Blue Bayou" across the hour, then faded; later that evening (NOV 11), tracked carrier (too weak for audio) from 0158 to exactly 0200* [DC]. NOV 11 2037 - Seemingly English-speaking announcer heard between songs, including "Let Me Be There" at 2038; nice peak for just 2.5 kW but typically subject to long,

- deep fades [DC]. NOV 14 2205 - Possibly parallel to EE news on R. Gambia 648 at this time [JR]. NOV 15 2113 - Chronically off-freq stn w/ EE nx then African talk, // 648 to end of EE at 2115; SIO 232 [JB]. NOV 15 2158 - Man singing with plucked single-string instrument [JR].
- 909 **ENGLAND** BBC R. 5 synchros, NOV 3 0425 - // 693, 882 at time [BD]. NOV 9 1935 - Good; "Five Live BBC National Radio" ID and Holland vs Wales soccer game, echo produced by reception of more than one of the synchronized stations [BC].
- 918 **SLOVENIA** R. Slovenija, Domzale, NOV 3 2327-2331 - Interview, ID and telephone number; SIO 433 [BD/JB]. NOV 9 1940 - Good; symphony concert and R. Slovenija IDs by announcer [BC]. NOV 12 1959 - 5 pips and 6th high pitch pip, then "Slovenski" ID, operatic vocal preceded this [JR].
- 918 **SPAIN** R. Intercontinental, Madrid, NOV 3 0425 [BD].
- 918 **SYRIA** ORT Arab Syrienne, Al-Hassake, NOV 5 2042 - // 783 [BD]. NOV 6 2145 - // 666 & 783, AA news; u/ Slovenia [NK].
- 927 **BELGIUM** BRTN, Wolvertem, NOV 3 0430 [BD].
- 936 **GERMANY** R. Bremen, Bremen, NOV 3 0430 [BD]. NOV 8 2228 - Dean Martin song, GG ancr, soon faded under Spain; SIO 433 [JB]. NOV 13 2000 - Program in unID language until 2000 then in SS as "Radio Democrita y Germania" program for foreign workers "por españoles en la Republica Federal de Alemana," // 972 [JR]. NOV 13 2003 - SS pgm w/ nx, wx for Spain and Germany, "Panorama" pgm for "españoles en Alemania;" SIO 333 [JB]. NOV 15 0459 - In GG with Hewlett-Packard ad [JR].
- 936 **MOROCCO** RTM, Agadir, NOV 4 2120 - // 207, 612, 819, 1053 at time [BD].
- 936 **SPAIN** RNE5 synchros, NOV 3 0430 [BD].
- 945 **ENGLAND** South Coast R., Bexhill, NOV 3 2038 - "South Coast Radio" ID, British oldies, ad about winning £945 [NK]. NOV 13 1936-1950 - Ad for car show, "Stand by to play radio's big cash jackpot...gold bar...only on South Coast Radio," Beatles and Bob Dylan mx, at 1947 "Clyde" made a feeble attempt to win the £1180 jackpot, // 1323; QRM from France, SIO 332 [DC/JB/JF/JR]. NOV 16 1850 - EE ancr w/ address, Beatles songs, ended 60's mx pgm at 1856; SIO 443 [JB].
- 945 **FRANCE** R. France, Toulouse, NOV 7 0200 - Woman in Serb/Croat; FF songs [BD].
- 945 **UNID** NOV 7 2115 - Possibly São Tomé; urban contemporary music, PP ancr; not France or UK (which were audible on EuroBev w/ different pgms) [NK].
- 954 **CZECH REP.** Cesky Rozhlas, Brno, NOV 3 1845 [BD].
- 954 **QATAR** QBS, Al Arish, NOV 4 0244 - IS, s/on in AA; under Spain, SIO 222 [JB]. NOV 4 0250 - Koranic chants, // 7210, good with Spain nulled by phasing [BC/BD/NK]. NOV 11 1936-1944 - Good with AA mx, // 7210 [DC/JF/JR]. NOV 14 *0243 - Carrier noted prior to sign-on, interval signal, ID at 0245 as in WRTH, freq anmt by woman; good, MW stronger than 7210! (No-show on 675) [DC/JR].
- 954 **SPAIN** R. España, Madrid, NOV 3 0430 [BD]. NOV 14 0241 - Call-in show [JR].
- 962 **UNID** NOV 10 2047 - Glimpses of repetitive twangy mx w/ male voices in unison, sounded East African so suspect Somalia (not // 5025 Benin); SIO 232-1 [DC/JB].
- 963 **FINLAND** R. Finland (YLE), Pori, NOV 3 2124-2128 - GG pgm: anmt of contest winner, ID and freqs; SIO 333 [BD/JB]. NOV 8 2330 - Good; jingle and very entertaining Finnish version of Glen Campbell's "Wichita Lineman" [BC]. NOV 10 2133-2157 - EE pgm with news, talk about Finland's Father's Day (which was today), editorial, press review, where to find R. Finland on the Internet and Eunosat, "Compass North" about life in Finland; strong, yet missed in Oct/95 when hi-latitude propagation was very poor by comparison [DC/JF]. NOV 12 0718 - Woman with news, then organ music with male vocalist, // 6120; ID as "Yleisradio" at 0759 recheck, 5 short and one long pips [JR].
- 972 **BOTSWANA** R. Botswana, Gaborone, NOV 5 2133 - "It's 32 before 12 o'clock" (UTC+2) TC, pop mx, // 3356; SIO 343 [BC/BD/JB/NK]. NOV 7 2050 - // 3356, female soul vocal "I Will Always Love You;" to good peaks [NK]. NOV 11 2136-2159* - Stronger signal than // 3356, with C&W music including "I Believe in You" by Don Williams then Elton John; ended with prayer and hymn and choral anthem at 2158; poor but also noted even weaker // 648 [DC/JF/JR]. NOV 12 2135 - Just fair, although // 3356 again strong; no luck, however, in pulling out VOA Botswana relay which probably has a narrow beam on 909 kHz [DC]. NOV 15 2129 - Loud music, // 3356 [JR].
- 972 **GERMANY** NDR, Hamburg, NOV 5 2340 - Oldies and GG songs, GG ancr; SIO 443 [BD/JB]. NOV 13 2000 - Program in unID language until 2000 then in SS as "Radio

- Democrita y Germania" for foreign workers "por españoles en la Republica Federal de Alemana," // 936 [JR]. NOV 16 0508 - GG program, mention of Kiel and Hamburg [JR].
- 972 **UKRAINE** Ukrayinsko R., Kopani, NOV 4 0145 - // 1377 w/ pop music [BD]. NOV 12 1936-1954 - Various programs of talk in Ukrainian; fair w/ QRM from co-channel Spain [JF]. NOV 13 1912 - Coca-Cola ad, M w/ ID then Ukrainian or RR rock mx; o/u another stn in Slavic lang, likely Germany, that was // 936; SIO 322 [JB/JR].
- 981 **ALGERIA** Radiodif. Algerienne, Algiers, NOV 3 0430 [BD].
- 981 **GREECE** Elleniki Radiophonia, Megara, NOV 4 0045 - Greek music, // 1386 [BD]. NOV 4 0056-0101 - Greek mx, nx; // 1386; SIO 433 [JB]. NOV 11 2100 - In a mess of stns, pips, "Elleniki Radiophonia" ID, "Era Sport" pgm in Greek w/ basketball; SIO 322 [JB/JF].
- 981 **KENYA** KBC General Svc, Voi, NOV 12 0205-0229 - Bits of audio, tentative // to 1386 (which see), until ERA suddenly popped on frequency with strong signal at 0229, itself also // 1386 [DC].
- 990 **GERMANY** DeutschlandRadio, Berlin, NOV 3 0430 [BD]. NOV 8 2220 - Faded up briefly w/ nx in GG; SIO 222 [JB].
- 990 **WALES** BBC R. 5, Tywyn, NOV 3 0440 [BD]. NOV 8 2216 - Interview of rugby player, news from the television soaps; QRM mainly from CBY, SIO 433 [JB]. NOV 10 2100-2208 - EE nx // 909, "That's the end of the news on 5 Live," "Devon Worldwide" pgm with Richard Devon, station promos, news at 2200, "The Acid Test" with features on coral hunting near the British Coast and upcoming Martian Missions; poor [DC/JF].
- 999 **GERMANY** DeutschlandRadio, Hoyerswerda, NOV 10 1943-1947 - W in GG, // 177; much QRM from cochannel religious pgm (Moldova?), SIO 322 [JB].
- 999 **ITALY** RAI Radiodue synchros, NOV 5 2049 - // 1035, 1116 [BD].
- 999 **MOLDOVA/PRIDNESTROVYE** VO Russia, Maiac, NOV 3 1900 - Moscow news in EE [BD]. BBC Relay, NOV 6 2005-2013 - W reads nx in Slavic lang, "BBC" noted twice at ends of reports; SIO 433-2 [JB]. VO Russia, NOV 7 1815 - Good; "Voice of Russia" in English, // 6130 [BC]. VO Russia, NOV 10 1809-1906 - EE sports nx, ID "This is Russia" newsmag pgm; poor [JF]. VO Russia, NOV 16 1940 - "This is Russia," mentioning the first Russian arms show at the turn of the century, and the manufacture of the first bicycles in Russia in 1901, // 7440 [JR].
- 999 **SPAIN** R. Pop. de Madrid, Madrid, NOV 4 0000 - COPE net [BD].
- 1008 **BELARUS** Belaruskaje Radujo synchos, NOV 6 1917 - Classical mx, best around 1924, // 1026; SIO 322 [JB/NK]. NOV 10 2140 - Mayak IS through unID Arabic speaker, seemingly not // Yemen on 9779.8, so maybe Egypt [DC].
- 1008 **CANARY IS.** R. Las Palmas/RadioVoz, NOV 3 0440 [BD]. NOV 6 2031 - Ad for "La Gazeta de Las Palmas" and FM outlet "Gran Canaria Radio;" deep fades, SIO 442 [JB]. NOV 14 0051-0126 - Music from the opera Carmen, IDs, time pips and "noticias" at 0100, Broadway show music such as "Mame," ads; fair [JF]. NOV 14 0250 - Pop oldies, ID before time pips and news at 0300; quite good (no sign of Yemen here or on shortwave 9779.8 at this time) [DC].
- 1008 **NETHERLANDS** NOS, Flevo, NOV 4 1909 - unID Oriental language [BD]. NOV 6 1917 - Dutch religious pgm; SIO 433 [JB].
- 1008 **UNID** NOV 6 1856-1923 - AA mx over the TOH, definitely not // Yemen 9779.80, suspect El Arish, Egypt; much QRM from Netherlands and Belarus, SIO 222 (Joachim Stiller and Mauno Ritola both suggest Egypt also) [JB]. NOV 6 1930 - Apparent religious AA here, not // any Yemen freqs; found whilst phasing Netherlands to get Canaries & Belarus [NK]. NOV 8 1929 - AA Koranic singing that was not // to Yemen SW outlets or to other audible stations; atop channel during Holland fade [NK].
- 1008 **YEMEN** Yemen RTV Corp., Sana'a, NOV 4 1909 - // 9779.4 [BD]. NOV 4 1938 - Likely // 9779.8, AA strings, then AA talk; u/ Holland [NK].
- 1017 **ENGLAND** WABC, Shrewsbury, NOV 7 1747 - Advert for connecting to cable TV, "WABC" ID, then into pop music; o/u Germany [NK].
- 1017 **GERMANY** SWF, Mainz/Wolfsheim, NOV 5 2345 - Jazz // 972 [BD]. NOV 14 0200 - World news, // 666 [JR].
- 1017 **TURKEY** TRT, Mundanya/Istanbul, NOV 5 1822 - Talk [BD].
- 1025.00 **UNID** NOV 3 2247 - Two stations mixing, one definitely GG, // DW on 6100 (the origin of this is unclear, but Neil could also hear this, and it was audible on both the Drake R8A and the Icom R-71A) [JB].

- 1026 **BELARUS** Belaruskaje Radujo synchos, NOV 6 1927 - Tchaikovsky mx, // 1008; SIO 222 [JB/NK].
- 1026 **CHANNEL IS.** BBC R. Jersey, NOV 3 0500 [BD]. NOV 6 1929 - Wx for Channel Is. -- nasty weather! SIO 222 [JB].
- 1026 **ENGLAND** BBC R. Cambridgeshire, Cambridge, NOV 8 2200 - News, "BBC East" mention after weather; o/ Spain; this runs 500 watts! [NK].
- 1026 **IRAN** IRIB, Tabriz, NOV 10 0310 - Talk in presumed Farsi; very good signal, // low power 1368 [DC]. NOV 14 0255 - A prayer (I think), martial anthem, then them, five short and one long pips, // 1152 [JR].
- 1026 **ISRAEL** Kol Israel, Tel Aviv, NOV 8 2203 - // 9815, national anthem mixed w/ bubble jammer; soon lost [NK].
- 1026 **NORTHERN IRELAND** Downtown R., Belfast, NOV 3 0445 [BD].
- 1026 **SPAIN** SER stations, NOV 3 0440 [BD].
- 1026 **UNID** NOV 7 1755-1757 - Either Iran or Israel's AA svc; Koranic-style chants rose atop for a while [NK].
- 1035 **ENGLAND** RTL Country 1035, London, NOV 3 0448 [BD]. NOV 8 2110 - "Country 10-35 AM" ID in a mess; SIO 322 [JB]. NOV 12 2013 - C&W mx; poor [JF]. NOV 13 2038 - Noted with new "RTL" slogan, more pop than country now [JR].
- 1035 **ESTONIA** Eesti R., Tallinn, NOV 8 2112-2127 - Pretty boring talk in Estonian over the Brits, waves-and-seagulls sound effects at 2124; SIO 322 [JB]. NOV 12 2006 - Light jazz and vocals after news, possible mention of "Vikeradio" and "eesti musica," pips at 2045, "Vikeradio" perhaps heard at 2059, followed by 4 short and one long pips [JF/JR].
- 1035 **ITALY** RAI Radiodue synchros, NOV 3 0442 [BD]. NOV 4 2040 - Guess Who's "American Woman" and other pop/rock hits, // 846, over Portugal [BC]. NOV 16 0447 - Noted with strong test tone, sign-on announcements at 0455 [JR].
- 1035 **PORTUGAL** RDP R. Comercial, Lisbon, NOV 3 2130 [BD].
- 1035 **SCOTLAND** North Sound R., Aberdeen, NOV 8 2134-2138 - "North Sound Two" ID, Scottish-accented Aberdeen ads, into pop music; excellent peak atop Italy, Estonia, others [NK].
- 1044 **GEORGIA** Georgian R., Tbilisi, NOV 10 0224 - EZL mx quickly paralleled w/ 4875 before the signal was engulfed by Spain; SIO 221 (transmitter site dawn enhancement while waiting for Kenya to pop up on the frequency - BC) [astutely noticed by Bruce! - JB] [BC/JB/NK]. NOV 13 0213-0225 - Lively mx, very long fades but up to a reasonable level for a couple of 30-second periods, easily paralleled w/ 4875 and 5040; QRM from San Sebastián, SIO 222 (glad that Bruce spotted this one for a new country! - DC) [DC/JB/JF]. NOV 13 0233 - Parallel music (woman singing) established here and 5040, 4875; shortwave signals were strong but of awful sound quality [JR].
- 1044 **GERMANY** MDR-Info, Dresden, NOV 3 0505 - // 531, 783, 1188 [BD].
- 1044 **GREECE** Elliniki Radiophonia Macedonia 1, Thessaloniki, NOV 11 1953-2006 - M in Greek hosting (Greek) mx pgm, clear ID at 1959, nx by W at 2000, mx from 2004; severe QRM from Spain; SIO 322 [JB/JR].
- 1044 **MOROCCO** Sebaa Aioum, NOV 3 0442 [BD].
- 1044 **SPAIN** R. San Sebastián, San Sebastián, NOV 3 0442 [BD]. NOV 9 1920 - Good; local ID into "Cadena Ser Carosel Deportiva" network program [BC]. NOV 10 2227 - Station hype w/ many IDs; SIO 444 [JB]. NOV 11 2000 - Two sets of pips and echoed "Cadena SER" net IDs, thus both San Sebastián and Valladolid coming through over Greece [JB].
- 1053 **ENGLAND** TalkRadio UK synchros, NOV 3 0442 [BD]. NOV 12 0001 - News given by man & woman; very strong, as on // 1089. (Trying without success for AIR Tuticorin-1053 which would have been // 4990) [DC]. NOV 12 0303 - ID and phone number; fair [JF].
- 1053 **MOROCCO** RTM, Tangier, NOV 4 2120 - // 207, 612, 819, 936 at time [BD].
- 1053 **ROMANIA** R. România, Iasi, NOV 4 1858 - // 855, 1152 [BD]. NOV 16 1700 - IS, ID pips, woman with news, // 1152, 1179, 11790 [JR].
- 1062 **DENMARK** Danmarks R., Kalundborg, NOV 3 0442 [BD]. NOV 12 0732-0757 - Morning exercise show, // 263 longwave, pop music "All Shook Up," ID at 0744, time check and time pips followed by news, faded by 0757; good [JF].
- 1062 **ITALY/SARDINIA** RAI Radiouno, Cagliari, Squinzano & others, NOV 2 2259 - S/off w/ ID, freq annnt, ticks/tones; SIO 333 [JB]. NOV 7 0133 - Talk program in Italian, not // other RAI stations on the air at the time; I got good signals from Sardinia while vacationing in Mallorca in 1965, and noted that the Sardinian stations often did not carry programs // to

- the mainland network stns [BD]. NOV 15 2248-Jazz program, // 657, 1332, 1575, 6060 [JR].
- 1062.06 **TURKEY** TRT, Diyarbakir, NOV 2 2300 - Audible after RAI went off w/ W talking then Turkish anthem; SIO 232 [JB].
- 1071 **ENGLAND** Talkradio UK synchros, NOV 6 1800 [BD]. NOV 10 0046 - Faded up briefly w/ EE chat, // 1089; SIO 222 [JB]. NOV 12 0250 - Mention of "Talk Radio;" at 0300 with news by woman; low power outlet(s) here occasionally good enough to confirm // 1053 & 1089 [DC].
- 1071 **FRANCE** France-Inter, Lille *et al.*, NOV 3 0520 - Fair; pop music, // 162, 1161, & 1350 [BC/BD]. NOV 9 0043 - FF wx for France; SIO 333 [JB].
- 1071 **INDIA** All India R., Rajkot, NOV 10 0040 - Indian popular mx, long fades; SIO 232-1 (Tried unsuccessfully to establish // with the Urdu Service on 702 and/or 6155 - DC) [DC/JB/NK]. NOV 12 0015 - AIR IS noted in mess then man talking and subcontinental mx, this time heard // at low level on 6155; very poor, best in USB (Transmitter SR 0120 - DC) [DC/JF/JR]. NOV 13 0042 - Indian mx; way under France-Inter and presumed Euskadi; SIO 222 [JB].
- 1071 **SLOVAKIA** Slovensky Rozhlas, Presov, NOV 16 0128 - Piano Muzak, at 0130 M in Slovak w/ ID: "Slovensko Eren," // 1098; SIO 242 [JB/JR].
- 1071 **SPAIN** Euskadi Irratia, Bilbao, NOV 3 0442 [BD].
- 1080 **ISRAEL** Kol Israel Reshet Beth, Jerusalem, NOV 9 2351 - Glimpses of "Girl from Ipanema" (Getz/Gilberto) through very heavy QRM from Spain, Poland & Morocco, but unequivocally // 7494.82; just 5 kW; SIO 121 [JB/NK]. NOV 10 0137-0139 - // 7495, oldie "Dream a Little Dream" (Mama Cass); poor to fair o/u WTIC & Spain [NK]. NOV 13 2021 - Talk in Hebrew and female vocal at 2032; surprising dominant here, // 7495 [DC].
- 1080 **POLAND** Polskie R., Koszecin, NOV 3 0510 - // 1206, 1260, 1305 [BD]. NOV 11 2237 - Music program, woman singing in Polish with piano, // 1206, 1305, 1368 [JR].
- 1080 **SPAIN** SER stations, NOV 3 0442 [BD]. NOV 16 0437 - At least two SER stations here, with clear echo [JR].
- 1089 **ALBANIA** RTV Shqiptar, Durrës, NOV 3 0442 - Islamic music [BD]. NOV 7 2115 - Music, // 6100, mostly under England (and the SW parallel was well under Germany, so a difficult catch either way) [BC].
- 1089 **ENGLAND** TalkRadio UK synchros, NOV 3 0442 [BD]. NOV 6 1018 - Audible w/ EE talk, must be a completely daylight path at this time; SIO 232 [JB]. NOV 9 1040-1300 - Daytime DX; better than S6 up to 1100 UTC, carrier noted as late as 1300 [NK]. NOV 12 0749-0806 - Call-in featurettes on "Has there ever been a good British movie?", "Minimum working week" and "Earlier school starting times," slogan: "Great talk all the time on 1053, 1089 AM," news, sports and weather at 0800; good [JF].
- 1089 **RUSSIA** R. Rossi, Tbilisskoye, NOV 6 1835 - Tentative, Mid East Mx:// 1170 (?) [BD]. NOV 13 0252 - RR barda mx, // 873, 5815; SIO 343 [JB/JF/JR].
- 1098 **SLOVAKIA** Slovensky Rozhlas, Nitra, NOV 3 0442 [BD]. NOV 14 0118-0204 - Instr mx pgm, ID as "Radio Bratislava" but no other anmts, time pips and news at 0200; good [JF].
- 1098 **SPAIN** RNE5 synchros, NOV 14 0159 - Time pips, ID and news; fair, QRMing Slovakia [JF].
- 1107 **ENGLAND** TalkRadio UK synchros, NOV 14 0230 - Sponsor-a-child PSA, // 1089, 1053 [JR]. NOV 15 2200, 2300 - IDs in a mess at both times, // 1089, 1053; SIO 222 [JB/JR].
- 1107 **GERMANY** AFN synchros, NOV 4 0015 - Patriots-Dolphins football [BD]. NOV 8 1800 - Fair; AP news, // 873 & 1143 [BC]. NOV 9 2052 - US football over Spain and Brits; SIO 322 [JB].
- 1107 **SCOTLAND** Moray Firth R., Inverness, NOV 15 2200-2220 - Nx, contest promo at 2213, local anmt and ID at 2218 then mx; SIO 222-1 [JB/JR].
- 1107 **SERBIA/YUGOSLAVIA** R. Novi Sad 2, Novi Sad, NOV 15 2158 - Possibly this with pips echoing RNE5, tape review shows this ID phrase after pips: "Rah-fah-din-kay-rah-dio-pee-dayn" [JR].
- 1107 **SPAIN** RNE5 stations, NOV 3 0442 [BD].
- 1107 **UNID** NOV 15 2150-2219 - Unusual mx, pgm hosted by W in unID lang but many songs played back-to-back, pips at 2200 then W w/ ID that sounded like "Unvidiki Radio" then nx; QRM mainly from Spain but also from 2 Brits, SIO 322 (This is obviously the same as Jim's tent. Novi Sad, but I didn't catch anything that resembled "Novi Sad" - JB) [JB].
- 1114.87 **ANGOLA** Em. Provincial do Kuanza-Sul, Sumbe, NOV 3 2110 - Good w/ PP talk; heard on Brazil Bev [NK]. NOV 6 2040 - Local music [BD]. NOV 7 2100 - PP talk, beautiful "Emissora Regional de Kuanza Sul" ID; good peaks [NK]. NOV 10 2145 - Hi-life music and chatter by male DJ; fair with good peak at 2150 (Angolans were very disappointing

- compared to Oct/95, however. Only other Provincial heard weakly was 1502; even R. Nacional 1088/1367 only apparent as modest carriers without audio) [DC]. NOV 10 2154-2200 - Afro dance music, PP anc; poor [JF].
- 1116 **CHANNEL IS.** BBC R. Guernsey, NOV 4 0019 - Tentative [BD]. NOV 11 0749 - Sports rpt w/ Holyfield-Tyson fight then "local sports" w/ Guernsey items; generally under Derby, SIO 222 [JB]. NOV 12 2100 - Up over RAI w/ nx feed for eastern Britain; SIO 333 [DC/JB]. NOV 16 0107 - BBC news, two distinct stations with pronounced echo, so one of these was R. Guernsey and the other R. Derby [JR].
- 1116 **ENGLAND** BBC R. Derby, NOV 3 0001 - Telephone number in Derby, jingle ID, local nx, lottery numbers; over Spain, SIO 433 [JB]. NOV 3 0445 [BD]. NOV 8 2133-2207 - Interview of Oxfam worker, nx at 2200; "Derbyshire" and "Derby" references; SIO 322 [JB]. NOV 9 0819 - Pgm promo, local anmts w/ tel numbers in Derby, road cx; SIO 333 [JB]. NOV 11 0800 - Jingle ID, nx w/ many local items; SIO 333-2 [JB]. NOV 14 2308-0005 - Gordon Aspley phone-in show, one call was from Nottingham, anc mentioned "Radio 4," BBC news at 0000; presume that this is Derby since it is close to Nottingham [JF]. NOV 16 0107 - BBC news, two distinct stations with pronounced echo, so one of them was R. Derby and the other R. Guernsey [JR].
- 1116 **ITALY** RAI Radiodue synchros, NOV 3 0447 [BD]. NOV 5 1910 - Good; Roy Orbison's "Pretty Woman" and Radiodue ID, // 846 [BC]. NOV 8 2135-2207 - Mainly rock and "combat reggae" mx, M anc in Italian; SIO 422 [JB]. NOV 12 2058 - Mx by The Who, Italian anc; SIO 333 [JB].
- 1116 **NETHERLANDS** R. Kerk van Bloemendaal, Bloemendaal, NOV 17 0758 - Brits faded down a bit to reveal a M in Dutch, but destroyed by RAI w/ organ mx at 0800; SIO 222-1 [JB].
- 1116 **WALES** Valleys R., Ebbw Vale, NOV 8 2304 - Signal emerged for only a couple of minutes above the BBC stns and Spain w/ wx, jingle ID, then road conditions; SIO 222-1 [JB].
- 1121 **IRAN** VO Rebellious Iraq, Bandar Lengeh, NOV 5 1814 - Chanting [BD]. NOV 5 1818-1825 - AA talk by woman mention Iraq, some AA music, but mostly talk [NK].
- 1125 **BELGIUM** RTBF, La Louvière, NOV 6 1900 - FF [BD].
- 1125 **CROATIA** Hrvatski R., Deanovec, NOV 3 0211 - European pop tunes back-to-back, // massive 1134; SIO 343 [JB]. NOV 10 2208 - Pop music, // 1134, 5895; poor-fair [JF]. NOV 15 1923 - Program // 1134 [JR].
- 1125 **MADEIRA** Centro Regional RDP, Ponta do Pargo, NOV 15 2120 - PP talk about soccer; SIO 343 [JB].
- 1125 **NIGER** LV du Sahel, Niamey, NOV 11 2055-2103 - High-life vocals, mostly poor thru QRM but definite brief // to very strong 5021.5 [DC/JR]. NOV 13 2215 - Talk by man in French; poor, SW seemingly not on today [DC].
- 1125 **SPAIN** RNE5 stations, NOV 3 0447 [BD]. NOV 13 2045 - Spanish news, // 531; fair [JF].
- 1134 **CROATIA** Hrvatski R., Zadar, NOV 3 0447 [BD]. NOV 15, 0441-0520 - Mellow lang pops, time pips, ID and Croatian news at 0500, more mellow pops, not // 1125 or 5895 at this time; good [JF].
- 1134 **INDIA** All India R., Mogra, NOV 11 2115-2335 - Glimpses of instrumental Indian mx, possibly Hindi nx at 2130, established unequivocal // w/ 1566 at 2117 and at 2119; freq dominated initially by Croatia then after 2130 by an unID AA stn, SIO 121 [DC/JB/JR]. NOV 12 0008 - Subcontinental chants at weak level; briefly to fair peak with vocal at 0025 (Now that we've logged all three 1000-kW MW powerhouses, the next prospective AIR log is going to be an order of magnitude more difficult) [DC]. NOV 12 0025 - Tentative; Indian music; poor [JF/JR].
- 1134 **RUSSIA** Radiostantsiya Mayak, Murmansk & Saransk, NOV 11 2120 - Mayak IS cut through the Croatian and unID AA stn, woman with talk in Russian at 2133, fading up over AIR Mogra; SIO 211 (Saransk seems a more likely site than Murmansk, although lower power - DC) [DC/JB/JR].
- 1143 **GERMANY** AFN, Stuttgart & 2 others, NOV 4 0015 - Patriots-Dolphins football [BD]. NOV 8 1750 - Good; PSAs on bacteria infection and hearing loss, end of C&W music program, AP news, then urban contemporary music; based on an item in Medium Wave Circle, we were expecting a local ID for the top-of-the-hour, but only the network ID was heard [BC]. NOV 8 1759 - C&W mx, pgm promo, TC for Central Europe, ID, nx; SIO 332 [JB]. NOV 13 2017 - Trumpet instrumental, then jazz-oriented vocal by woman; fair with QRM from Mayak, // AFN-873 and Azores AFRTS-1503 [DC].

- 1143 **RUSSIA/KALININGRAD** Radiostantsiya Mayak, Bolshakovo, NOV 4 2050 - Man in Russian? (tentative) [BD]. NOV 13 2020 - Mayak IS pushing through AFN-Germany. (It would seem much more likely this was from Bolshakovo site rather than Mekhzavod, which is in the interior Samarskaya Oblast) [DC]. NOV 15 0425-0440 - RR talk, mx, "Mayak" ID at 0434, IS twice at 0440; over AFN, SIO 433-2 [JB/JR].
- 1143 **SPAIN** COPE stations, NOV 3 0447 [BD].
- 1152 **ENGLAND** Amber R., Norwich, NOV 15 2355 - Ad for soccer, "Catch Norwich fever...kickoff at 3 pm," "Amber Radio" jingle ID; lots of QRM from Iran and Clyde 2 SIO 222-1 [JB/JR].
- 1152 **ENGLAND** London Talk, London, NOV 3 0450 [BD].
- 1152 **ENGLAND** Piccadilly Gold, Manchester, NOV 15 2354 - "Piccadilly 11-52 Dog Show" announcement in mess [JR].
- 1152 **IRAN** IRIB, Tabriz, NOV 14 0254-0258 - Call to prayer, martial anthem, five short and one long pips, // 1026 [JF/JR]. NOV 15 2359 - Mx, pips, ID over piano mx; SIO 222 [JB/JR].
- 1152 **ROMANIA** R. România, Cluj, NOV 3 2114 - // 855 [BD]. NOV 7 2155 - Piano instrumental, // 855, good over Spain [BC]. NOV 14 2133 - EZL mx "Just The Way You Are," // 855, 1053, 756; good [JF]. NOV 16 1700 - IS, ID, pips, woman with news, // 1053, 1179, 11790; instrumental tune "You're in the Army Now" at 1740 [JR].
- 1152 **SCOTLAND** Clyde 2, Glasgow, NOV 14 0329 - Tentative ID, Bill Crossman is the DJ [JR]. NOV 14 2329-0005 - Old EZL music such as Sinatra with "High Hopes," Coke ad sponsoring a sporting event, news and weather at 0000; poor-fair [JF]. NOV 16 0002 - Nx by Scottish-accented W: return of the Stone of Scone; SIO 222 [JB]. NOV 16 1802 - Noted with "Clyde 2 Radio News," football scores, Beatles music [JR].
- 1152 **SPAIN** RNE5 stations, NOV 3 0447 [BD].
- 1161 **EGYPT** Egyptian R., Tanta, NOV 4 1855 - Chanting [BD].
- 1161 **ENGLAND** Brunel Classic Gold, Swindon, NOV 8 0412 - "Classic Gold" ID, then into Frankie Valli song; atop other Brit & rumble of carriers [NK].
- 1161 **FRANCE** France-Inter, Strasbourg, NOV 5 1855 [BD]. NOV 15 0408 - FF rock mx // 162, 1071; fair [JF].
- 1161 **SCOTLAND** R. Tay, Dundee, NOV 15 0200-0206 - EE news read by woman w/ Scottish accent, station promo, EZL pop music; poor [JF]. NOV 16 1641 - Tentative; live report from game involving Aberdeen and Dundee [JR].
- 1161 **SPAIN** Euskadi Irratia, San Sebastián, NOV 3 0450 [BD].
- 1169.97 **SLOVENIA** R. Capodistria, Beli Kriz, NOV 8 1834-1850 - Pop mx, faded up over the QRM a number of times w/ talk and nx, best around 1844; SIO 332 [JB/NK]. NOV 11 1948 - Music box tune sounding like an IS, then woman w/ apparent economic news; fair, mixing with UK local radio outlet, probably Great North Radio [DC]. NOV 16 1809 - Program of rock music, ID, slightly on low side of frequency [JR].
- 1170 **ENGLAND** Great North R., Stockton, NOV 6 2000 - Good; "GNR" ID and jingle into news [BC]. NOV 8 1837 - Old pop mx, telephone answered w/ "GNR," caller requested Foreigner but could not name any tune; SIO 322 [JB]. NOV 16 2213-2224 - Messy freq, contest promo for "GNR," jingle and Beatles song at 2224; SIO 222 [JB].
- 1170 **NIGERIA** Ogun State BC, Abeokuta, NOV 7 2300 - Sign-off with anthem popped up briefly on this crowded frequency [BC].
- 1170 **RUSSIA** VO Russia, Tbilisskoye, NOV 6 1835-1900 - // 5925, AA music & talk, IS at 1900; mixed w/ UK & Portugal [BD/NK]. NOV 8 1835 - AA talk; faded up briefly over Brits and R. Capodistria, SIO 322 [JB]. NOV 16 1820 - AA mx, // 5925, 7295 (definitely not Israel's "D" pgm); SIO 221 [JB/JR]. NOV 16 2159 - IS through the QRM [JB].
- 1170 **WALES** Swansea Sound, Winsh-Wen, NOV 3 0458 [BD]. NOV 16 1957 - ID in pile-up! [JR].
- 1179 **CANARY IS.** R. Club Tenerife, Santa Cruz, NOV 3 0500 [BD]. NOV 14 0658 - Local ID as "Cadena SER, Radio Club Tenerife" [JR].
- 1179 **ROMANIA** R. România, Galbeni-Bacau, NOV 16 1700 - IS, ID pips, woman with news, // 1053, 1152, 11790 [JR].
- 1179 **SWEDEN** Swedish R., Sölvesborg, NOV 3 0459 [BD]. NOV 9 2056 - EE talk about immigrants returning from the US; SIO 544 [JB]. NOV 12 2030 - IS, EE ID and newsmagazine program "60 Degrees North," very good [JF].
- 1185.00 **UNID** NOV 3 2027-2031 - Mixing product of two stations, possibly Russian (see also 1025.00) [JB].

- 1188 **BELGIUM** BRTN, Kuurne, NOV 16 0100 - Six long pips, ID, M w/ nx in Flemish; SIO 222 [JB/JR].
- 1188 **GERMANY** MDR-Info, Reichenbach, NOV 3 0504 - GG weather & news, // 531, 783, 1044; well u/ Hungary; only 5 kW! [BD/NK].
- 1188 **HUNGARY** Magyar R., Szolnok & Szombathely, NOV 4 2040 - // 1251 [BD].
- 1197 **BELARUS** Belaruskaje Radyjo, Miensk *et al.*, NOV 7 1915-1918 - // 1008 & 1026, classical violin music; Virgin R. phased to leave this in mix w/ Spain & AFN Germany [NK].
- 1197 **ENGLAND** Virgin R. synchros, NOV 3 0501 [BD]. NOV 8 1850 - "Total Gas" ad, jingle ID, rock mx; SIO 444 [JB]. NOV 10 0303 - Music "Legs" by ZZ Top, // 1215, which had much better signal; poor [JF]. NOV 11 0300 - Sequence of double time pips, then Virgin news highlights; fair, // strong 1215 [DC].
- 1197 **GERMANY** VOA Europe, Munich, NOV 16 0043 - EE talk about US telecommunications laws, story by William Wallace; this stn used to be heard regularly, but now it's a rarity; QRM from Virgin R., SIO 222 [JB/JR].
- 1197 **IRAQ** Iraq R., Nineva, NOV 7 1850 - Tentative; AA music / chants, o/u Virgin R.; lost before a possible parallel w/ 6560 could be established [NK].
- 1197 **LESOTHO** BBC Relay, Lancer's Gap, NOV 4 0040 [BD]. NOV 11 0302-0305 - Brief fadeup over Virgin R. with World Service news read by woman, // 3255 (via Meyerton); presume MW site remains Lesotho [DC]. NOV 13 *0300 - Audible only to 0305, this time with the WS news read by man [DC]. NOV 13 0305 - EE news // 3255; audible in LSB, lousy signal but very happy to finally have heard this one [JF]. NOV 15 2238 - BBC program weak [JR].
- 1197 **SPAIN** Euskadi Irratia, Vitória, NOV 3 0501 [BD].
- 1197 **UNID** NOV 8 2105-2120 - Bits of AA-type music, not // Iraq-6560 [NK].
- 1206 **FRANCE** R. Bleue, Bordeaux, NOV 6 1814 [BD].
- 1206 **ISRAEL** Kol Israel Reshet Beth, Haifa, NOV 3 2140 - Talk in Hebrew and Carole King song // 7495, good with Poland nulled by phasing [BC/BD/NK]. NOV 9 2350 - EZL music and talk in Hebrew, fair/mixing with Poland; // 657 (poor) and 1080 (surprisingly dominant over Poland) [DC]. NOV 13 2020 - Apparent radio drama in progress; again // 657 & 1080 + very strong shortwave relay 7495 [DC]. NOV 16 0205 - Music program // 1206 [JR].
- 1206 **POLAND** Polskie R., 3 sites, NOV 3 0510 - // 1080, 1260, 1305 [BD]. NOV 11 2236 - Old show tunes, woman singing in Polish with piano, // 1080, 1305, 1368; all freqs fair [JF/JR].
- 1206 **SIERRA LEONE** SLBS, Goderich, NOV 6 2020 - Local anmts in African-accented EE; Polish QRM, SIO 322 [BD/JB].
- 1215 **ENGLAND** Virgin R. synchros, NOV 3 0510 [BD]. NOV 9 1130-1150 - Daytime DX; still audible just before transmitter-site noon [NK].
- 1222 **SENEGAL** RTV Sénégal, Ziguinchor, NOV 11 2110 - Tentative; just fair carrier, no audio; surely this as readily heard during NF-DX IV [DC].
- 1224 **BULGARIA** R. Bulgaria, Vidin, NOV 8 0424-0426 - // 5890 & 7230, MoR EE song, woman in Bulgarian w/ "Bulgarie" mention; signal good, o/u Holland [NK]. NOV 12 1935 - Music and ID, clear // 5860, 5890 [JR]. NOV 12 1945-2002 - Pop music show, // 5860 and 5890, ID, remote report at 1950 and talks, IS and Albanian s/on anmt at 2000; good-fair (Perhaps notable only because for some reason we never tallied a MW log from Bulgaria in Oct/95 - DC) [DC/JF].
- 1224 **ISRAEL** Galei Zahal, Beersheba, NOV 16 0140 - IDF army station with call-in program to male announcer, Israeli pop music interludes, // 1287, clear ID at 0200 [JR]. NOV 16 0150 - Briefly atop the Dutch stn, // 1287; SIO 222 [JB].
- 1224 **NETHERLANDS** Hitradio Veronica, IJsselmeer, NOV 6 1645 - pop [BD]. NOV 9 2017 - "The Party Place" and "Hitradio" mentions in otherwise Dutch language promos, pop music, good with what was assumed to be Bulgaria fading in [BC].
- 1224 **SPAIN** COPE stations, NOV 3 0510 [BD].
- 1233 **CZECH REP.** R. Free Europe/Czech R. synchros, NOV 3 1900 [BD]. NOV 3 2205 - Good; news in Czech, "Radio Svobodna Europa" ID [BC]. NOV 10 1939-2001 - Czech talk and jazz mx, // 1287, talk about the economy at 1943, ID, news headlines and news in detail at 2000; good [JF]. NOV 16 1927 - Program // 1287 Slovakia [JR].
- 1233 **ENGLAND** Virgin R. 2 synchros, NOV 16 1927 - Low-powered transmitters // 1215 [JR].
- 1233 **MOROCCO** RTM, Tanger, NOV 10 0253 - Tentative; AA mx; fair [JF].
- 1242 **ENGLAND** Virgin R. synchros, NOV 3 0510 [BD].
- 1242 **FRANCE** R. Bleue, Marseille, NOV 7 0110 - Pop music, no announcements, // 1404 [BD].

J. B.'s Brain Teaser: There are 3 stations operating on 620 kHz with much more than the usual 5,000 Watts used on this Regional Channel. Who are they, how much power are they using, and why is each running so much power?

- 1242 **UKRAINE** Ukrayinsko R. synchros, NOV 5 0242 - // 1377 [BD]. NOV 13 1900 - Noted in // to 1371.1 and 1377 [JR].
- 1251 **HUNGARY** Magyar R., Marcali & Nyíregyháza, NOV 3 0505 - Music // 1188 [NK]. NOV 4 2040 - // 1188 [BD]. NOV 5 2200 - "Don't Cry for Me Argentina" then Hungarian nx headlines; SIO 444 [JB]. NOV 14 0329 - Hungarian talk and news // 1188; good [JF].
- 1251 **LIBYA** Libyan Jamahiriya Broadcasting, Tripoli, NOV 3 0510 [BD]. NOV 5 1935 - AA talk mixed w/ UAE, Hungary, Portugal [NK].
- 1251 **PORTUGAL** R. Renascença synchros, NOV 5 1936 - PP music, then PP talk rose o/ Libya & others [NK].
- 1251 **UNITED ARAB EMIRATES** UAE R., Dubai, NOV 5 1925 - // 1476 & 13675, AA talk; well u/ Hungary [BD/NK]. NOV 9 2140 - // 1476, bits of AA music; u/ Hungary & Libya [NK].
- 1259 **AZORES** RDP, Faial, NOV 3 0515 [BD]. NOV 13 1925 - Mostly just carrier but bits of audio, tentatively // 837 and 648 (under BBC), classical music to single pip at 1930, then talk by man; also 1952 with female vocal [DC].
- 1260 **ENGLAND** Brunel Classic Gold, Bristol, NOV 3 2059-2102 - In a mess of British stations w/ ad, ID: "Classic Gold -- Bristol, Bath and surrounding areas;" SIO 222 [JB]. NOV 7 1811 - Local weather, oldies; u/ Poland [NK].
- 1260 **ENGLAND** unID stn, NOV 15 0809 - Pop music by Blues Traveller, address for something in the Isle of Man then more mx, by 0815, all British stations were fading out; poor [JF].
- 1260 **ENGLAND** Virgin R., Guildford, NOV 7 1812-1814 - // 1197 & 1215, music, bits of traffic report; through Poland & Bristol [NK].
- 1260 **GREECE/DODECANESE IS.** VOA Relay, Rhodes, NOV 5 2100 - Lull in the Brits briefly left Cadena SER stn(s) and VOA nx in EE // 1548, but gone in seconds; SIO 222-1 (Lousy log, but I've been after this one for many years! - JB) [BD/JB].
- 1260 **POLAND** Polskie R., Szczecin, NOV 3 0510 - // 1080, 1206, 1305 [BD]. NOV 3 0521 - Snatches of pop mx, // 1206, 1305; way under WEZE, SIO 221 [JB]. NOV 7 1811 - // 1206 & 1305, man in Polish atop Bristol, UK [NK].
- 1260 **SPAIN** SER stations, NOV 3 0515 [BD].
- 1269 **GERMANY** Deutschlandfunk, Neumünster & Mainflingen, NOV 3 0515 [BD]. NOV 13 0116 - Classical music program, male DJ, // 153, 1269, 1422 [JR]. NOV 16 1730 - GG nx, no sign of Kuwait; SIO 333 [JB].
- 1269 **SPAIN** COPE stations, NOV 3 0515 [BD].
- 1278 **IRELAND** RTE R. 2, Dublin & Cork, NOV 3 0515 [BD]. NOV 9 0002 - Nx about Zaire; SIO 444 [JB]. NOV 12 1902-1923 - English news, pop, jazz and dance music, ID at 1915 as "The Hotline with Tony ---- on 2-FM;" // strong 612, poor [DC/JF].
- 1278 **UKRAINE** Ukrayinsko R., Petrivska & Sevastopol, NOV 5 approx 2020 - Tentative; Slavic talk mention Ukraine; u/ Ireland, helped by using phasing [NK].
- 1287 **CZECH REP.** R. Free Europe, Melnik & Litomysl, NOV 3 2040 - In Slovak [BD]. NOV 3 2149 - I felt professionally obligated to listen to this one: Slovak (?) talk about the discovery of radioactive elements (that's chemistry, not antenna theory!!); SIO 444 [JB].
- 1287 **ISRAEL** Galei Zahal, Tel Aviv, NOV 10 0217-0220, 0228-0304 - Hebrew talk, bits of instrumental mx, pips, nx at 0300, wx at 0302; deep fades, at best SIO 332 [DC/JB/NK]. NOV 16 0140 - IDF army station with call-in program to male announcer, Israeli pop music interludes, // 1224, clear ID at 0200 [JR]. NOV 16 0155-0201 - Telephone chat in Hebrew, fanfare and ID at 0200; SIO 444 [JB].
- 1287 **SLOVAKIA** R. Free Europe, Velke Kostolany, NOV 15 1846 - Nx in Slovak, ID at 1859 [JR].
- 1287 **SPAIN** SER stations, NOV 3 0515 [BD].
- 1296 **ENGLAND** BBC, Orfordness, NOV 6 1646 - GG pgm, discussing US elections; SIO 242 [JB]. NOV 6 1840 - GG at the time [BD].
- 1296 **ENGLAND** R. XL, Birmingham, NOV 3 0453 - Indian film mx, Manx in Hindi or Punjabi; SIO 444 [JB]. NOV 3 0519 - Hindi music [BD]. NOV 7 1800 - Fair; "This is Radio XL" ID and news, "Radio XL Weather Check," Hindi music [BC]. NOV 11 1859 - Indian mx, EE ID, nx, back to Indian mx at 1903; SIO 333 [JB]. NOV 13 0710 - East Indian music, English TC for "11 minutes past 7," ID, but fading out; fair [JF]. NOV 15 0611 - "Radio XL," then back to Indian music [JR].
- 1305 **POLAND** Polskie R., Boguchwala, Sowiany & Tuszyn, NOV 3 0510 - // 1080, 1206, 1260 [BD]. NOV 11 2237 - Music program, woman singing in Polish with piano, // 1080, 1206, 1368; I can log this synchro of all three 60-kW stations separately because of a pronounced triple echo on NOV 16 at 1749 [JR].

- 1305 **RUSSIA** R. Vozrozhdeniye, Moscow, NOV 10 0250-0302+ - Tentative; pre-s/on tones, chimes at 0301 and woman opening in seemingly Russian; under RNE5 synchros, listed *0400 in 1996 WRTH [BC/DC/NK].
- 1305 **SPAIN** RNE5 synchros, NOV 3 0520 [BD]. NOV 10 0249 - Instr mx, SS anmts; fair [JF].
- 1314 **NORWAY** NRK, Kvitsoy, NOV 3 0520 [BD]. NOV 3 1030 [BD]. NOV 5 1642 - NN talk here at 57 to 58 when we got back from lunch (1.12 p.m. local time) [NK]. NOV 6 1630 - Excellent; news in Norwegian about Clinton re-election [BC]. NOV 7 1445 - Talk in Norwegian with S-4 signal at 11:15 am NF local time, this could be heard practically all day [BC]. NOV 8 1348 - Poor to fair at 1348 (10.18 a.m. local) w/ occasional fades to the noise; up to a good S6.5 level by 1404 UTC during newscast, most of the path is in daylight at this time [NK]. NOV 9 1040-1410 - Daytime DX; S9+8 at 1040 UTC, S8.5 at 1100, S4 at 1150, S1 at 1215, very weak carrier at 1300 & 1410 UTC [NK]. NOV 12 1509 - Daytime TA throughout the week [JR].
- 1314 **UNITED ARAB EMIRATES** R. of the UAE, Dabiya, Abu Dhabi, NOV 5 1910 - AA Koranic chant w/ Norway in fade; QRM also from Spain; bits // 1539 noted also [NK]. NOV 16 1709 - AA phone talk, // 9770, gaining strength but still way, way under NRK; SIO 222-1 [JB/JR].
- 1323 **CYPRUS** BBC Relay, Zyyi, NOV 16 0300 - Sign-on with Lillybolero, pips, BBC news in EE by woman, // 6195, 9410, 11760 [JR].
- 1323 **ENGLAND** South Coast R., Southwick, NOV 3 0530 [BD]. NOV 13 1937 - Pop music, // 945; poor [DC/JF].
- 1323 **GERMANY** VO Russia, Wachenbrunn, NOV 5 1744 - Sermon in GG [BD]. NOV 13 1859 - VO Russia IS, GG news and features; fair [JF/JR].
- 1332 **ENGLAND** BBC R. 4, Wiltshire, NOV 16 0342 - BBC pgm, only this 300-w outlet listed [JR].
- 1332 **IRAN** IRIB, Tehran, NOV 4 0221 - Man chanting [BD].
- 1332 **ITALY** RAI Radiouno synchros, NOV 3 0520 [BD]. NOV 15 2248 - Jazz program, // 657, 1062, 1575, 6060 [JR].
- 1341 **HUNGARY** Magyar R., Lakihegy, NOV 3 0505 - Music // 1188; u/ BBC N. Ireland [NK]. NOV 14 0330 - Under BBC with female vocals, // 1188, 1251 [JR].
- 1341 **NORTHERN IRELAND** BBC Northern Ireland, Lisnagarvey, NOV 3 0520 [BD]. NOV 13 2058-2203 - Interview w/ columnist from Belfast Telegraph, time pips, ID and news at 2100, rock music program to 2200, more news and jazz at 2203; fair [JF].
- 1349 **MAURITANIA** R. Mauritanie, Nouakchott, NOV 5 2010 - Instrumental music // 4845, strong het against 1350 [BC]. NOV 10 0001 - Local language talk and AA-sounding vocal at 0012 // 4845; fair [DC/JF].
- 1350 **FRANCE** France-Inter, Nice & Nancy, NOV 3 0520 - // 1071 [BD].
- 1350 **HUNGARY** Magyar R., Pecs *et al.*, NOV 11 1909 - Two men in Hungarian w/ jazz pgm, // 1251, 1341; under France and Latvia, SIO 222 [JB].
- 1350 **LATVIA** Latvijas R., Cesvaine & Kuldiga, NOV 7 1833-1840 - // 576 & 1422, woman in Latvian, then soft piano music [NK]. NOV 11 1911-1916 - Tentative; talk in a northern European lang, pop music but gone by 1320; fair [JF].
- 1359 **ENGLAND** Breeze AM, Chelmsford, NOV 16 1851 - When Breeze AM on 1431 mentioned 1359, I tuned here and there it was [JR].
- 1359 **ENGLAND** unID stn, NOV 3 0530 [BD].
- 1359 **SPAIN** RNE1, Arganda, NOV 3 0530 [BD].
- 1365.76 **UKRAINE** Ukrayinsko R., unknown site, NOV 8 1950 - Distorted signal / growl, has been heard previously [NK]. NOV 9 0004-0012 - M & W w/ nx in Ukrainian, // 1242, 1377; drifting transmitter, was at 1365.71 at 0145, poor modulation, best audio around 0008, deep fades compared to other Ukrainian signals; SIO 332 [JB/NK].
- 1368 **ENGLAND** BBC Radio 4 synchros, NOV 15 0030 - ID during news program [JR].
- 1368 **IRAN** IRIB, Sari, NOV 10 0304-0330 - Mainly talk in Farsi, drama w/ sound effects, local flute mx, // 1026 and 1386; not too shabby for a 20 kW station: SIO 333! [DC/JB/NK].
- 1368 **ISLE OF MAN** Manx R., Foxdale, NOV 3 2153 - Sermon [BD]. NOV 5 1820 - Good; Labour Party/political discussion, later classical music into news at 1900 with "This is Manx Radio" ID [BC]. NOV 15 1757 - Ad for Allied Manx Bank [JR].
- 1368 **POLAND** Polskie R., Krakow, NOV 11 2237 - Music program, woman singing in Polish with piano, // 1080, 1206, 1305; just as good as the high-power outlets [JR].
- 1371.12 **UKRAINE** Ukrayinsko R., unknown site, NOV 13 1904 - W in Ukrainian and mx at 1908, // 1377 and 1242; we presume this is the same transmitter as on 1365.76 five days earlier!

- SIO 333 (DSWCI OCT 96 says this is UR2, down from 1377) [DC/JB/JR].
- 1377 **FRANCE** R. Bleue, Lille, NOV 3 0542 [BD]. NOV 6 1724 - Light rock, song about "Radio Bleue;" SIO 444 [JB]. NOV 7 0334 (music before sign-on) [BD].
- 1377 **UKRAINE** Ukrayinsko R. synchros, NOV 4 0145 - Pop music, // 972 [BD]. NOV 13 1900 - Very weak but // 1371.1 [JR]. NOV 13 1907 - Jazz music, // 1242; fair [JF].
- 1385.92 **GUINEA** R. Rurale, Labé, NOV 10 2002-2018 - African-accented FF, IS and drums on the hour, international and local nx; QRM from Kaliningrad and a jammer; SIO 322 [JB]. NOV 13 2029 - News or talk, "Rurale" mentioned several times [JR]. NOV 13 2033-2043 - Lang talk and wild West African dance music; poor w/ QRM from co-channel jammer (not sure who the jammer was targeted at, Iran? - JF) [DC/JF]. NOV 15 2140 - Loud and clear with music [JR].
- 1386 **GREECE** Elleniki Radiophonia, Athens, NOV 4 0045 - Greek music // 981 [BD]. NOV 13 0050 - Greek vocal by woman; news read by woman at 0100; fair peaks but deep fades; very good and dominant on the more powerful // 981 [DC/JR].
- 1386 **IRAN** IRIB, Ahwaz, NOV 4 0235 - Koran & talk in Mid-East language; u/ Greece [NK]. NOV 5 0230 - Good; sign-on, Koranic chants, then woman with "islamiyya Iran" mention [BC/BD].
- 1386 **KENYA** KBC, Maralal, NOV 6 0159 - Drum and flute IS, "This is KBC," choral mx, bits of EE freq anmt at 0203; SIO 242-1 [BD/JB]. NOV 10 0204 - Opening anmts by man, then into vocal number at 0205; fair, mixing with Greece but easily // 4935 [DC]. NOV 12 0200 - Anthem, woman opening with frequency anmts, pop song at 0202, then patriotic prayer at 0204 ahead of pop music again at 0206; fair, generally atop Greece, tentatively // 981 also [DC/JF]. NOV 13 0157 - Drum IS to anthem at 0200; just poor-fair, as was 4935 [DC].
- 1386 **POLAND** Polskie R., Kraków, NOV 7 1820 - // 1305, 1206 *et al.*, Polish talk o/u Manx R. [NK].
- 1386 **RUSSIA/KALININGRAD** VO Russia, Bolshakovo, NOV 3 2235 - EE [BD]. NOV 5 2258 - Excellent; Voice of Russia World Service in English, IS, and off [BC]. NOV 8 1828 - GG pgm, mx bridge, "Hier ist Moskva;" QRM'd by a jammer probably intended to block the Iranian, SIO 444 [JB]. NOV 10 2000 - EE news, "New Market" discussing delay in IMF's monthly investment; good w/ Guinea QRM [JF]. NOV 12 2100 - World Svc news by woman in English; strong (faint TOH pips behind it might have been Kenya) [DC]. NOV 12 2202 - Excellent with VO Russia World Service news // 7320 and weaker 1404; weak jammer also present on 1386, "Focus on Asia and the Pacific," VO Russia IS at 2259 [JR].
- 1394.1 **TOGO** Radiodif. Togolaise, Lomé, NOV 5 2110 - French talk and music // 5047, strong het against 1395 [BC/BD].
- 1395 **ARMENIA** Armenian R., Yerevan, NOV 5 2032 - // 864 [BD].
- 1395 **NETHERLANDS** JazzRadio, Lopik, NOV 3 2230 - Jazz [BD]. NOV 4 0155 - ID slogan in EE "JazzRadio, Ready, Willing, and Able;" huge signal [NK]. NOV 8 1637 - Daytime reception, James Brown song; SIO 253 [JB]. NOV 11 0232-0310 - Jazz mx, "Get Your Mojo Working," Aretha Franklin, canned ID "This is JazzRadio with awakenings;" good [JF]. NOV 13 0200 Stevie Wonder music, ID [JR].
- 1395.05 **ALBANIA** VOA Relay, Durrës, NOV 3 0545 - ID, W talk possibly in Serbian; site from the VOA schedule, but WRTH says Fillakë, SIO 343 [JB]. NOV 5 2032 - In Hungarian [BD]. Trans World R., NOV 5 2059 - Excellent w/ "Trans-World Radio" ID [BC]. Trans World R., NOV 13 1949-2035, Lang relig program with address in Germany, GG program at 2000, ID at 2030 "You are listening to the International Service of TWR broadcasting from the services of Radio Tirana, Albania," Hungarian program; good [JF].
- 1404 **FRANCE** R. Bleue synchros, NOV 7 0110 - // 1242, Pop music w/ no announcements [BD].
- 1404 **IRAN** IRIB, Kiashahr, NOV 5 1734 - Oriental strings [BD]. NOV 5 1756 - Likely this w/ Mid-East music & Farsi-sounding talk; QRM from France & Ukraine [NK]. NOV 15 2018 - EE pgm w/ wx and letterbox; muffled audio, SIO 333-2 [JB/JR].
- 1413 **OMAN** BBC Relay, Masirah Island, NOV 4 0145 - Man in Urdu; mostly u/ Kosovo [NK]. NOV 5 1750 - EE [BD]. NOV 5 1800 - Excellent; BBC World Service in English, "This is London" and "Newsdesk" [BC/NK]. NOV 11 1909-2002 - EE "Outlook," "Words of Faith," "Multitracks," // 12095; poor w/ RNE5 QRM [DC/JF]. NOV 15 1823 - BBC news about world soccer official accused of making a racist comment while visiting South Africa, // 6180 [JR]. NOV 16 2059 - Sign-off announcement mentioning close-down of BBC Middle Eastern Relay, "We wish you a very good night" [JR].
- 1413 **SERBIA/YUGOSLAVIA** R. Pristina, Pristina, NOV 3 0545 [BD].

- 1413 **SPAIN** RNE5 synchros, NOV 12 2000 - 5+1 pips, ID by woman, then news by man; strong with BBC Oman audible in the background [DC].
- 1422 **GERMANY** DeutschlandRadio, Heusweiler, NOV 3 0545 [BD]. NOV 13 0116 - Classical music program, male DJ, // 153, 756, 1269 [JR].
- 1422 **LATVIA** Latvijas R., Valmeira & Rezekne, NOV 7 1833-1840 - // 576 & 1350, woman in Latvian, then soft piano music; o/u Germany [NK]. NOV 7 2000 - Latvia news by woman [NK].
- 1422 **ROMANIA** R. România, Olanesti, NOV 7 2008 - // 1152, piano music; u/ Germany & Latvia; power is 7 kW [NK].
- 1431 **ENGLAND** Breeze AM, Southend, NOV 15 1740 - Carpet ad, phone number, traffic, ID [JR]. NOV 16 1851 - ID, weather in Los Angeles (to make people feel bad), Ray Charles music, // 1359 [JR].
- 1431 **UKRAINE** Ukrayinsko R., Kopani, NOV 4 2218 [BD]. NOV 8 0359 - Huge open carrier, then IS // 1476 & 1476.47 at 0359; woman in Ukrainian at 0400 [NK]. NOV 16 1858 - Orchestral music continued across the hour // 1449 [JR].
- 1440 **LUXEMBOURG** R. Nederland Relay, Marnach, NOV 4 1752 [BD]. NOV 6 1642 - Two men in Dutch discussing Israeli politics; SIO 253 [JB]. NOV 8 1638 - Dutch politics; SIO 254 [JB]. NOV 13 2144 - Heard with EE "Newswire" program [JR]. NOV 13 2250-2332 - English "Newswire" program, GG ID at 2330, orchestral anthem then silence; good [JF].
- 1440 **SAUDI ARABIA** BSKSA, Dammam, NOV 3 2120 [BD]. NOV 12 2010 - Arabic music while looking without success for Central African Republic [DC].
- 1449 **IRAN** IRIB, Bandar-e-Torkaman, NOV 4 0240 - Chanting [BD]. NOV 5 1720-1730 - Koran at 1720, then anthem, Iran mention in Farsi, carrier cut at 1730; BBC4 left behind, Italy showed up later [NK]. NOV 6 1728 - Koranic chanting till 1728 when closed w/ national anthem, carrier gone at 1730 leaving a weak signal from Italy; the 1449 Iranian was not // to the one on 1521 [NK]. NOV 7 1727-1730 - national anthem, sign-off [NK].
- 1449 **ITALY** RAI Radiodue, Squinzano *et al.*, NOV 3 0545 [BD]. NOV 6 1733 - Italian talk; SIO 333 [JB].
- 1449 **SCOTLAND** BBC R. 4, Redmoss, NOV 15 1950 - W and M in EE, // 198, but soon faded under RAI; SIO 222 [JB].
- 1449 **UKRAINE** Ukrayinsko R., Chernivtsi, NOV 16 1858 - Orchestral music continued across the hour, // 1431 [JR].
- 1458 **ENGLAND** Light AM, Manchester, NOV 10 1912-1925 - Bruce Edwards w/ "Easy Listening Charts," light pop mx, two IDs; SIO 322 (This is the third incarnation of this station that I've logged -- ex-Fortune 1458, ex-BBC Greater Manchester R.) [JB]. NOV 12 0343 - Playing "Crazy for You," male DJ between songs; fair [DC]. NOV 14 0233 - Reference to "musical trip around the world" and ID between songs at 0236; another Brit, possibly a BBC local, audible in the background [DC]. NOV 15 0020-0112 - EZL music by Peggy Lee, Eagles, Phil Collins, Neil Young, time pips, news at 0100, ID as "One Great Song After Another, 1458, Light AM;" fair w/QRM from Sunrise Radio [JF]. NOV 15 0109 - Heard in UK mess with this ID [JR]. NOV 15 0200 - Pips, "14-58 Light AM" ID, Independent Radio News, wx, jingle, mx from 0202; SIO 333-2 [JB].
- 1458 **ENGLAND** London (?), NOV 3 0545 - Pop music & talk [BD].
- 1458 **ENGLAND** Sunrise R., London, NOV 10 1924 - Presumed this w/ W in Urdu/Hindi; SIO 222 [JB]. NOV 15 0055 - Presumed; East Indian music; fair [JF].
- 1458.03 **ALBANIA** R. Tirana, Fillakë, NOV 5 1855 - SW frequencies and Tirana ID in Albanian, over UK stations [BC]. NOV 8 1933 - Faded up over the mess of Brits w/ EE, ID; SIO 422 [JB].
- 1467 **FRANCE** TWR, Roumoules, NOV 4 1822 - EE news [BD]. NOV 4 2300 - Excellent; beginning of English service of Trans World Radio [BC]. NOV 8 1930 - GG pgm; SIO 422 [JB]. NOV 11 2336-2350* - "Words of Hope" EE relig pgm, ID, "Days End" devotional at 2345, promo for tour of the Holy Land trip, anmt of end of pgm by Andrew Pettinger, chimes IS at 2350 then off; good [JF].
- 1467 **MOLDOVA/PRIDNESTROVYE** VO Russia, Maiac, NOV 8 1927 - VO Russia pgm in EE under Monaco's IS, ID and "News in Brief" at 1930; SIO 322 [JB]. NOV 15 1804 - "This news is coming to you from the Voice of Russia World Service" [JR].
- 1475.12 **BENIN** ORTB, Cotonou, NOV 4 2050 - Afro-accented FF talk; 60-meter SW // not audible [NK]. NOV 5 2155 - Good; John Paul Young's 1978 hit "Love Is in the Air," announcements in French [BC]. NOV 10 2035 - Talk by man in French; 2239 recheck with English pop song having reverb effect; still good and // very powerful 7210.2 (alt 4870 not in use this day)

- [DC]. NOV 11 2211-2300* - FF newsmagazine type pgm, flute mx bridge at 2229 then pgm of pop mx such as Bee Gees, anthem and off at 2259, all // 4870; poor [JF]. NOV 15 2119 - Man speaking, mention of Benin, // 4870 [JR].
- 1475.5 **BENIN** ORTB, Cotonou, NOV 4 2054 - FF [BD].
- 1476 **AZERBAIJAN** Azərbaycan Radioteleviziya Sirkati, Gyanca & Pirsagat, NOV 4 1758-1816 - Guttural-language talk, Russian-sounding music; mixed w/ UAE & UK stations [NK]. NOV 5 2000 - Faded up over Dubai w/ nx, mentioned "Azerbaijan" many times; SIO 333 [JB/NK]. NOV 5 2000 - Russian talk [BD]. NOV 11 1845 - Local music mixing w/ Dubai; poor [JF]. NOV 11 1850 - Talk in language by woman; fair peak, mixing with UAE Radio and New Country Sound pulling up the rear [DC].
- 1476 **ENGLAND** County Sound, Guildford, NOV 4 0055 - Good; "This is County Sound G-O-L-D with the greatest hits of all time!" [BC]. NOV 4 1835 - EE talk mention of "County Sound" [BD/NK]. NOV 7 1908 - ID "The new County Sound"; u/ UAE & Azerbaijan [NK]. NOV 8 0356 - "County Sound Radio" ID; fair [NK]. NOV 12 0330 - Promo for the oldies music format of this station; fair [DC]. NOV 16 2228 - ID as "Country Sound in the North," Stevie Wonder's "Isn't She Lovely" [JR].
- 1476 **IRAN** IRIB, Sanandaj, NOV 4 1840 [BD].
- 1476 **UKRAINE** Ukrayinsko R., unknown site, NOV 8 0359 - Way o/ UK w/ IS, // 1431 & 1476.47 at 0359; woman in Ukrainian at 0400; growl resulting from mix of 1476 & 1476.47 [NK].
- 1476 **UNID** NOV 8 0305-0335 - Man & woman in lang that sounded like Russian or Ukrainian; signal mostly in the clear w/ a bit of UK QRM; not // 4485 or 171 Russians or 1431 Ukrainian; Mid-East sounding music at 0340 & low growl now present [NK].
- 1476 **UNITED ABAB EMIRATES** UAE R., Dubai, NOV 4 1758 - AA vocal & violins // 13675; beautiful signal o/ suspected Azerbaijan [BD/NK]. NOV 5 1702 - Nice AA ID "... min Dubai" // 13675; well o/ Azerbaijan & UK [NK]. NOV 9 2140 - // 1251, nice AA ID, then Mid-East music; atop Azerbaijan & UK [NK]. NOV 10 1818-1912 - Pgm of vocal AA mx and talk, news at 1900 // 13675; poor [DC/JF]. NOV 11 1850 - Arabic music and chants; fair in a 3-way fight with Azerbaijan and UK local New Country Sound [DC]. NOV 16 1915 - AA ID, freqs, talk about Israel; SIO 444 [JB].
- 1476.47 **UKRAINE** Ukrayinsko R., unknown site, NOV 8 0359 - IS // 1431 & 1476 at 0359; woman in Ukrainian at 0400; growl resulting from mix of 1476 & 1476.47 [Only Lviv listed on 1476 in WRTH, but obviously two Ukrainians on nominal 1476 - JB] [NK].
- 1485 **ENGLAND** BBC R. 4, Carlisle, NOV 14 0334 - Rose atop channel briefly with review of a book about World War I as on // 198; only listed Radio 4 on this freq [DC].
- 1485 **ENGLAND** BBC R. Humberside, Hull, NOV 3 0553 [BD]. NOV 6 1738 - Local anmts, ID; SIO 343 [JB]. NOV 12 0319 - Promotional anmt, briefly over low-power SER synchros [DC]. NOV 15 0629 - "95.9 Humberside" ID and local traffic report [JR].
- 1485 **ENGLAND** BBC R. Merseyside, Wallasey, NOV 3 0555 [BD]. NOV 14 2342-0100 - Phone-in show about problem foxes, BBC News for the northwest at 0000, call-in show continued at 0006 with calls from Sheffield, York and Whitney Bay; poor [JF].
- 1485 **SPAIN** SER stations, NOV 3 0552 [BD]. NOV 13 1858 - Spanish pops, time pips and Spanish news; fair-good [JF].
- 1492.85 **MOROCCO** RTM, Agadir, NOV 4 2107 - // 1044, AA singing & violins; good [NK]. NOV 6 2017 - Tentative; African type music [BD].
- 1492.9 **UNID** NOV 9 approx. 2130 - Morocco or Ivory Coast; MoR music that was not parallel Morocco-1044 [NK].
- 1494 **FRANCE** R. Bleue synchros, NOV 3 0600 [BD].
- 1494 **JORDAN** R. Jordan, Al Karanah, NOV 6 0210 - Man and woman in AA; music [BD]. NOV 9 2143 - // 9830, AA talk, then chanting; mixed w/ presumed Russia open carrier, Moldova, others [NK]. NOV 16 0124 - Music and ID "Huna Amman," // 11935 [JR].
- 1494 **RUSSIA** VO Russia, Krasnyy Bor, NOV 6 1740 - Romanian, then into Finnish at 1800 UTC [BD]. NOV 6 1741-1752 - Increasing in strength w/ W in possible Romanian, disco mx; SIO 342 [JB]. NOV 12 2159-2223 - Celeste IS, EE ID, nx, and "Focus on Asia and the Pacific," // 1386; over unID stn w/ anthem; SIO 343 [JB/JF/JR].
- 1494.16 **GREECE/DODECANESE IS.** Elliniki Radiophonia Rodos, Rhodes, NOV 11 2007-2035 - Deep fades but w/ decent peaks, Greek talk including mention of Greek leader Karamanlis and Greek folk music; at best SIO 343 [DC/JB/JF/JR].
- 1502 **ANGOLA** Em. Provincial do Benguela, Benguela, NOV 5 2120 - Vocals [BD]. NOV 13 2345 - EZL vocal by woman; weak [DC].

- 1502 **TOGO** Radiodif. Togolaise, Kara, NOV 5 2121 - African music [BD]. NOV 10 2215 - Tentative; carrier only: no audio; separable from Angolan on off-channel 1502.0 (fair with man in French on // 3222.06) (surely this as heard on 1502.4v in Oct/95; at the same time, presumed R. Lomé with bits of audio was heard on 1394.1, although I didn't confirm // EZL music on 5047) [DC].
- 1503 **AZORES** AFN, Lajes, NOV 3 2056 - US football; SIO 333 [JB]. NOV 4 0010 - Good; New England Patriots vs. Miami Dolphins NFL game in English, // 873 [BC]. NOV 5 0017 [BD]. NOV 10 2010 - Green Bay vs Kansas City football, // 873 AFN Europe, really enjoyed this catch as it was only 100 watts; poor [JF]. NOV 10 2105 - NFL football; very good over RNE5 synchros [DC]. NOV 12 1907 - Jazz music // AFN-873, then quickly faded but back up at 1909 with more jazz/trumpets; absolute powerhouse peak at 2120 retune with AFN Radio Network Sports (the all-water path really pushes out this 100-watter, which I missed last year) [DC].
- 1503 **ENGLAND** BBC R. Stoke-on-Trent, Sideway, NOV 15 1800 - Traffic reports, ID [JR].
- 1503 **IRAN** IRIB, Bushehr, NOV 6 0225 - // 1386, Tom-toms and strings, vocals [BD]. NOV 6 0238 - Local mx, // 1386; SIO 332 [JB]. NOV 12 2122 - Arabic chants suddenly fading up and briefly causing significant QRM to Azores; most likely this station, also logged by Burnell at a later evening time [DC].
- 1503 **SPAIN** RNE5 stations, NOV 3 0600 [BD].
- 1512 **BELGIUM** R. Vlaanderen Inter., Wolvertem, NOV 3 0600 [BD]. NOV 7 1900 - Good; "Brussels Calling" in English [BC]. NOV 8 1944 - Sad FF song; SIO 544 [JB]. NOV 12 1833-1927 - German program also relayed on // 5910, 9925, English ID and s/on anmt at 1900 mentioning SW and MW freqs, "Brussels Calling" program with news, press review and features; good [JF].
- 1512 **SAUDI ARABIA** BSKSA, Jeddah, NOV 5 0201 [BD].
- 1518 **UNID/CLANDESTINE?** NOV 8 1902 - Huge carrier but tiny audio w/ AA mx [JB/NK].
- 1521 **ENGLAND** Fame 1521, Reigate, NOV 3 0600 [BD]. NOV 11 0212 - "Oldies all the time on 1521," then pop song; good [DC]. NOV 13 2359 - Best amongst others but no sign of hoped-for China Radio Int'l via Urumqi opening at 2400 [DC]. NOV 15 1726 - ID, traffic report for M-3 and M-4 highways, just before Saudi started blasting in; the only other EE station, in Northern Ireland, has a pronounced Irish accent, said Jean [JR].
- 1521 **IRAN** IRIB, Kishahr, NOV 6 1713-1719 - Long deep fades & Saudi QRM, Farsi talk, some mx; SIO 322 [JB/NK].
- 1521 **NORTHERN IRELAND** Radio 1521, Craigavon, NOV 5 0025 [BD]. NOV 8 1855 - W w/ Irish accent talks about upcoming events in Ulster, "Radio 15-21" ID at 1859; under the Saudi, SIO 322 [JB/NK].
- 1521 **SAUDI ARABIA** BSKSA, Duba, NOV 3 1845 [BD]. NOV 14 0328 - Call to prayer, s/on anmt and AA ID, // 900; good [JF].
- 1521 **SLOVAKIA** BBC Relay, Cizatrice (?), NOV 7 1900 & 1931 - "BBC World Service" ID, US oldies; mixed w/ Saudi Arabia & apparent Mercury R. [NK]. NOV 7 1950 - BBC World Service in English, then "BBC Slovensky" ID and news in Slovak, strong signal over Saudi Arabia [BC]. NOV 8 1800 - IS, pips, talk mentioned BBC; under Saudi Arabia, SIO 222 [JB/NK]. NOV 8 1900 - BBC WS in EE comes up over R. 1521 and the Saudi; SIO 433 [JB]. NOV 12 1901 - BBC WS news under strong Saudi signal [JR].
- 1526 **UNID/CLANDESTINE?** NOV 5 0152 - Middle Eastern music [BD]. Also noted drifting to 1527.7 kHz, NOV 5 1940, 1528 kHz NOV 6 2135 [NK].
- 1530 **ENGLAND** Great Yorkshire Gold, Huddersfield, NOV 3 0514 - ID heard through Vaticana; SIO 322 [JB]. NOV 8 1940 - Soccer coverage, mentioned Huddersfield and Old Trafford stadium, ad for Orion Homes; mainly under Vaticana, SIO 322 [JB]. NOV 11 2103 - Contest promo included ID; SIO 322 [JB]. NOV 15 0645 - Call-in program, with ID [JR].
- 1530 **ENGLAND** R. Wyvern, Worcester, NOV 15 0646 - Interview with an American "Christian" activist convinced that the US will be invaded by Third World nations unless people wake up: sick! No ID, but QRMED by Yorkshire and this is the only other one listed [JR].
- 1530 **SÃO TOMÉ E PRÍNCIPE** VOA Relay, Pinheira, NOV 3 0445 - ID, PP sports pgm; over Vaticana, SIO 433 [JB]. NOV 4 0330 [BD]. NOV 6 2218 - VOA ment., light pop music including Mariah Carey; loud at S9+25! [NK]. NOV 10 2014-2133 - EE nx // 11855, newsmagazine show, editorial on sustainable development at 2057, "VOA News," "New Horizons," "Issues in the News" at 2130; good [JF]. NOV 11 0302 - African news in English; very strong [DC]. NOV 11 2057 - Nx in EE; SIO 422 [JB].
- 1530 **UKRAINE** Ukrayinsko R., Vinnystsya, NOV 5 1848 - Somewhat Oriental vocals [BD]. NOV 8 2014 - M & W in Ukrainian, // 1593; SIO 222 [JB/NK].

- 1530 **VATICAN** R. Vaticana, Vatican City, NOV 3 0605 [BD]. NOV 11 2108 - Woman in English; IS at 2109, dominant on Euro Beverage, whereas VOA São Tomé concurrently dominant on Brazil Beverage [DC]. NOV 12 2352-0045 - IDs in Italian, FF and EE "This is Radio Vatican, keeping you company through the night," soft chamber music w/ Italian anmts after each song; good w/ São Tomé QRM [JF].
- 1534 **UNID/CLANDESTINE?** NOV 5 2010 - Carrier [NK]. NOV 6 2020 - Man in AA [BD].
- 1537 **UNID/CLANDESTINE?** NOV 5 1940 - Carrier [NK].
- 1539 **GERMANY** Mainflingen, NOV 3 0603 - Religious music [BD].
- 1539 **RUSSIA** R. Liberty, Moscow, NOV 6 1758 - Mx, "Govorit Radio Swoboda" at 1800; SIO 344 [BD]/JB/NK].
- 1544 **ALGERIA/CLANDESTINE** R. Nacional Rep. Arabe Saharauti Democr., Tindouf, NOV 4 0030 [BD]. NOV 13 2209 - AA talks; good [JF].
- 1548 **ENGLAND** BBC R. Bristol, Mangotsfield, NOV 3 0604 - News [BD]. NOV 14 0119-0140 - "Newskesk" // 882, 810 and other stations relaying World Service overnight, "Outlook" at 0130; poor [JF]. NOV 15 0730 - Slogan, traffic report [JR].
- 1548 **ENGLAND** Capital Gold, London, NOV 3 0605 - Pop [BD].
- 1548 **KUWAIT** VOA Relay, Kabd, NOV 3 2020 - AA, IDs, talk about Lebanon; SIO 322 [JB]. NOV 4 0036 [BD]. NOV 5 2055 - AA but at 2100 into EE w/ "World Report;" SIO 322 [JB]. NOV 7 2125 - Good; VOA news in English [BC]. NOV 10 1905-1926 - AA newsmagazine pgm, // 9530; poor [JF]. NOV 10 2300 - News in English, fair with unID UK local radio outlet dominating [DC]. NOV 11 2328-0000 - VOA news summary, 2330 "VOA Worldwide" with numerous features; fair [DC]/JF]. NOV 13 0012 - VOA news feature in EE [JR].
- 1548 **SCOTLAND** Max AM, Edinburgh, NOV 5 2059 - "Max AM Weather" jingle, Scottish-accented W w/ wx; SIO 322 [JB]. NOV 6 1715 - Fair; "Max AM" ID into Bruce Springsteen song [BC]. NOV 6 2025 - Jingle, Rolling Stones song; SIO 322 [JB]. NOV 7 1750 - "1548 Max AM" jingle over the other UK "Gold" stations [BC]. NOV 15 1731 - With news headlines, weather, and slogan [JR].
- 1557 **ENGLAND** BBC R. Lancashire, Oxcliffe, NOV 13 1959 - Promo mentioning "103.9 FM," woman with news at 2000; mixing with at least one other UK station [DC]. NOV 15 0623 - ID as "BBC Lancashire," then music by Michael Jackson [JR].
- 1557 **FRANCE** R. Bleue, Nice, NOV 3 0605 + NOV 7 0110 (// 1242 pre sign-on) [BD]. NOV 6 2225 - Light mx, FF chat; SIO 444 [JB].
- 1557 **LITHUANIA** Lietuvos Radijas, Vilnius, NOV 5 1804 [BD].
- 1566 **BELARUS** Radiostantsiya Mayak synchros, NOV 3 2300 - Pips, "Moskva" ID, W w/ nx; over R. Eviva and others, SIO 332 [JB].
- 1566 **INDIA** All India R., Nagpur/Buttibori, NOV 2 2358 - Indian mx over/under R. Eviva; SIO 322 [JB]. NOV 10 0036 - Woman with English news, briefly poking through R. Eviva, // outstanding signal on 5010 [DC/NK]. NOV 10 2338-2349 - Local music with drums, sitar and flute mixing with a station with eastern music, presumed to be Iran; poor [JF]. NOV 11 2110 - Subcontinental mx, // 1134 (Mogra); good [JF]. NOV 12 0032 - Man with news in Hindi, again only briefly through the Swiss powerhouse but enough to // 4860 [DC].
- 1566 **SWITZERLAND** R. Eviva, Sarnen, NOV 3 0605 - Alpine music [BD]. NOV 12 0201 - Noted tonight and throughout the week with accordion/folk/bluegrass music [JR]. NOV 12 0220-0302 - EZL Swiss folk music with no anmts, ID at 0300, orch fanfare; good [JF].
- 1575 **ITALY** RAI Radiouno synchros, NOV 3 0606 [BD]. NOV 13 2218-2230 - W singing accompanied by piano, // 6060, no sign of VOA Thailand; SIO 322 [DC]/JB]. NOV 15 2248 - Jazz program, // 657, 1062, 1332, 6060 [JR].
- 1575 **SPAIN** R. Cordoba, Cordoba, NOV 2 2306 - "Radio Cordoba, Cadena SER," ads, talk about soccer; SIO 444 [JB].
- 1575 **SPAIN** SER & OCR stations, NOV 3 0605 [BD].
- 1584 **ENGLAND** BBC R. Nottingham, Clipstone, NOV 8 2033 - Tentative; Indian film mx up briefly, seems more likely than London Turkish R.; (thanks to Joseph Kirlaw, Dave Kenny, Risto Kotlampi and Glenn Ludlow for feedback on this log) SIO 222 [JB].
- 1584 **SCOTLAND** R. Tay, Perth, NOV 8 2025 - Ads, pgm promo, "Radio Tay AM" jingle; SIO 232 [JB].
- 1584 **SPAIN** SER stations, NOV 3 0608 [BD]. NOV 15 1959 - "Cadena SER" ID, two pips at the hour [JR].
- 1584 **SPANISH MOROCCO** RadiOlé, Ceuta, NOV 6 2157 - Pgm of Spanish mx o/u stn(s) w/ SER network pgms, "RadiOlé" IDs; SIO 322 [JB]. NOV 8 1930 - Flamenco and Mediterranean-influenced or "Azucar Moreno"-style music over SER, 2000 "RadiOlé" ID, beach-TA and south "track" Beverages phased to minimize SER interference [BC]. NOV 15 2000 - "RadiOlé" ID, mx from 2001 while the SER stn is still in nx; SIO 322 [JB]/JR].
- 1584 **UNITED KINGDOM** 2 stations, NOV 3 0610 [BD].

- 1593 **GERMANY** R. Free Europe, Holzkirchen, NOV 3 0610 [BD]. NOV 8 1959 - Woman in possibly Serbian w/ ID, mixing w/ many stus; SIO 322 [JB]. NOV 16 1930 - Talk, then Phil Collins music [JR].
- 1593 **UKRAINE** Ukrayinsko R., unknown site, NOV 8 2000, 2015 - Ukrainian talk poking through occasionally, // 1530; SIO 222 [JB]. NOV 8 2059-2100 - // 1530, talk by woman mention "Ukrainsky Radio;" through RFE German & probable Moldova (gypsy singing) [NK].
- 1593 **UNID** NOV 8 2000-2013 - Choral mx then a capella female singing, sometimes noted applause from crowd, not AA; SIO 222 (Martin Elbe and Steve Whitt say that Moldova is most likely) [JB].
- 1602 **LATVIA** Latvijas R., Ventspils, NOV 7 1936-1938, 1947-1948, 2008, 2013-2017 - // 1422, classical (mostly piano) music, talk mention Latvia; under the two Spaniards; this is running just 200 watts!! [NK]
- 1602 **SPAIN** R. Vitória/Gasteiz Irratia, Vitória, NOV 5 1727 - Basque [BD]. NOV 8 2103 - Nx, ID; over SER stn(s); SIO 422 [JB]. NOV 13 2000 - Pips, IDs as both "Radio Vitória" and "Radio Euskadi," nx; QRM from SER stn(s); SIO 422 [JB].
- 1602 **SPAIN** SER synchros, NOV 3 0615 [BD]. NOV 12 0310 - Playing "Let It Be" as heard // on stronger 1287; fair under R. Vitória [DC].
- 1611 **VATICAN** R. Vaticana, NOV 3 1845 [BI]. NOV 8 2018 - Woman in Finnish over recorder mx; UTE QRM, SIO 433 [JB].
- 1634.01 **GREECE/PIRATE** unID stn, NOV 13 2042 - Apparent Greek talk and music, jumping around this frequency [JR].
- 1634.17 **PIRATE/GREECE?** NOV 11 2304 - Very good signal with flute music, and Greek talk, heard this phrase just before signing off abruptly at 2311: "Radio Stereo Derakis." (wish I knew somebody fluent in the language) [This is the same stn as on 1636.07 below - JB] [JR].
- 1636.00 **NETHERLANDS/PIRATE** R. Barones, NOV 12 *2242-2251*, *2315-2329* - Mainly '70's songs, many IDs including "Dit is Radio Baro-nes [pause] Internationaal!" talk in Dutch but also some EE; SIO 332 [JB]/JR].
- 1636.00 **NETHERLANDS/PIRATE** R. Utopia, NOV 12 2232, 2240-2242* - Soft rock, ended w/ theme song "Telstar" and address (Box 73, 7160 AB Neede) in EE and possibly Dutch; SIO 232 [JB].
- 1636.00 **NETHERLANDS/PIRATES** One or more unID stns, NOV 12 *2252-2258*, *2301-2306*, *2308-2314* - Middle one may have been R. Barones, others may have included "Freddy" and/or "Bravo" in their names; usual fare of oldies, Dutch talk and comments about Utopia's pgm; fair-poor [JB].
- 1636.02 **PIRATE** NOV 15 2330 - Netherlands likely; drinking music [JR].
- 1636.07 **GREECE/PIRATE** unID stn, NOV 11 2246-2312* - Greek mx, deep-voiced man had an ID at 2308 that sounded like "Radio Toivu Veratis" or "Radio Teleoratis" freq was drifting: 1636.23 at 2257, 1636.48 at 2305, 1636.53 at 2307; some decent peaks, but on balance SIO 242 [JB].
- 1636.33 **NETHERLANDS/PIRATE** unID stn, NOV 8 2237-2247 - Accordion polkas, no anmt until quick ID at 2247 that sounded like "Radio Del Rio," but this is an unfamiliar stn to me; QRM from CW marker and marine telephone from St. Pierre on 1635.00, SIO 222 [JB].
- 1636.33 **NETHERLANDS/PIRATE** unID stn, NOV 15 2335-2350 - Very weak, some Dutch words came through by deep-voiced male, accordion mx; SIO 131 [JB].
- 1636.40 **NETHERLANDS/PIRATE** unID stn, NOV 15 2330 - Dutch talk, IDs?, strange sound effects, yelling; SIO 252-1 [JB].
- 1641.6 **ENGLAND** Lands End, NOV 16 2236 - LSB; EE announcements about light buoys [JR].
- 1698 **SPAIN** La Coruña, NOV 11 2311 - Very strong with ship-to-shore telephone calls in SS [JR]. NOV 13 2311 - Again, with ship-to-shore communications [JR].

Part Two will be included in DXN #16 next week.

Answer to J. B.'s Brain Teaser: WTM], Milwaukee is at 50,000 Watts using a directional antenna. They were authorized this after (a) the FCC relaxed the Regional Power limitation rules and (b) they could demonstrate they would not cause harmful interference to existing stations on 620 or adjacent channels with the directional pattern they selected.

KILO, in Hilo, Hawaii operates with 10,000 Watts and is non-Directional. There are no other stations on the Islands that will receive any interference from them and, with that power, they can cover then entire 'big island' they're on.

WSUN, St. Petersburg, FL operates with 10,000 Watts and was authorized that much with their 2-tower directional array in order to overcome harmful interference from a Cuban station.

Musings of the Members

Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

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Times are local per Muse; submit double-spaced only.

Don Sell (WB9TVJ) - 4528 Blum Drive - Fort Wayne, IN 46835-3412

This is my 1st MUSING since becoming a member of the NRC last year. I would like to say it is a pleasure to read and to listen to what other members are doing. I have been listening to DX and AM broadcasting for a long time, seeing that I grew up with it. My father was a ham operator in AK then back here in IN (Ex KL7PF, now W9SFE). I got my ticket 20 years ago and have been enjoying radio ever since. Since living in Ft. Wayne, I have noticed the 'great history' of radio in this town, WGL-1250, one of the oldest stations, is now all talk along with WOWO-1190, which is mostly all talk. Speaking of WOWO, rumor has it that even though they were bought back by the owners of WLIB, which is going fulltime, WOWO had gone to court to stop the reduction in power at night, even though the FCC had approved the changes. Again, this is what I heard which could be correct or incorrect. There have been no noticeable change in towers or signal from what I could tell. I've been listening to KOA every morning coming to work prior to sunrise, big signal. Currently at home I'm using a 747GX with a 250' inverted "V". Also have phase shortened verticals (NE/SW), 3 verticals are current phased switchable for end firing (NW/SE). Noticed that I must be living in the ground wave/sky wave cancellation area of WLW-700, constant fading. Same thing with WMVP-1000. Have also been noticing the Spanish station with WMAQ-670, which sometimes wipes them out. WHWD-1380 now has an excellent format of good music now. WFCV-1090 is totally a religious format, the last log showed them as CW, daytime only more-less. Just a few months ago, Ft. Wayne lost one of its most loved broadcasters, Hilliard Gates. If you remember, he broadcast the basketball game on the movie "Hoosiers". Hopefully, this winter, DX will be good. If any ham members get on 160 meters, give me a call. There is a nice net meeting nightly on 1893khz at 8PM EST. 73 for now. (Welcome to the NRC, Don, you should also check out the Wed. and Sun. NRC net 80 meter band, I believe 3840khz. We'll look forward to your future reports!-DWS)

Ray Arruda - 46 Burt Street -Acushnet, MA 02743-1939

We had a very nice get together here on 11/23 and thank all those who attended, especially many of you who came from afar. Our 20th will actually be in Nov. of '97. RICK TURNER is now the proud owner of my Palomar Loop antenna and I hope he has good luck pulling in graveyarders with it. Verie total here is approx. 1100 with no new ones in quite a while. A number of good CPC tests have been scheduled, many tried for, but only unneeded CIGM-790 has made it. On 12/16 from 2:30 til 3AM, WSAF-1180 Test was not positively ID'ed, though they might have been on, a report was not sent. I've become very reluctant as of the last 2 years to send reports to stations running CPC tests (except Thank You cards of course) due to the horrifying return rate. Stations the last 2-3 years that run tests with test programming (CIDs, tones, distinct music, etc) are not replying. If the trend continues, my days of sending reception reports are over! And forget follow up phone calls and written reports too! We had a very nice, quiet, low key Thanksgiving and Christmas and would like to wish everyone a Happy New Year, long life and good health. CUN DE on Labor Day Weekend '97! (My apologies for this not showing up when it was suppose to, Ray, it appears that ever electronic mail can get lost in the shuffle sometimes as PLS did not get it, I took your original letter back to the PO and handed it back to them as it took 9 days to get here and was very well water soaked (but dried off) when I got it....thanks for sending the copy! Enjoyed seeing all at the Lower Deck, too-DWS)

J. E. Lewis - 1028 W 41 Place Apt #3 - Kansas City, MO 64111-4090

This is in response to DOUG SMITH's interesting question in the 12/16 issue of DDXD-W "special" column. My father worked for WLS from about 1938-51 and I grew up in the Chicago area. Due to the ground conditions on which WLS has its transmitter, there is a natural null toward the NW, which Doug noticed. In Highland Park, where I lived for 13 years, it was definitely weaker than the other Chicago 50 kw'ers even

considering it was further away from me. WLS propagation was, in general though, excellent in many directions and continues to be. My Dad even received mail from as far away as Guadalcanal in the Pacific. Legend has it that when the then-owner of the station (WLS stood for "Worlds Largest Store", Sears) was riding on the Rock Island Railway, he pointed out the window and choose the particular spot, which turned out to be a good one in most directions, but not all.

Morris Sorenson - 29 Janet Blvd - Scarborough, ON M1R 1H7

I haven't sent in a MUSING in some time. Quite frankly, I have not had a lot of luck with my AM DXing lately although this is due, at least in part, to a lack of time as I am trying to set up my own business as a freelance outdoor educator and naturalist. I did have a unique experience as I was interviewed over the phone by a man from CHUC-1450 and heard my voice over the radio that night during the CHUC DX TEST. I couldn't believe how bad I sounded, especially compared to the professional 'radio voice' of the announcer. I was introduced as being an IRCA member, which is incorrect but I guess they assumed I was as IRCA arranged the test. CHUC got my name through local DXer BILL DULMAGE (NRC and ODXA) who works at Cobourg's other station, CFMX-FM. I apologize for listing WTOU-1350 as WGPL in a recent report to DDXD, I guess I was think of their previous calls. They are, however, using a very interesting blues-oriented format which I think is great and hope they will continue with. Thats it for now except to wish everyone in the NRC all the best in 1997! 73

Rick Dau - 1901 Union Street #220 - Lafayette, IN 47904-2685

Happy New Year to all in the NRC! I hope everyone had a very happy holiday season. My apologies to BIG DAVE for not sticking my snail mail address in my last MUSING, with E-Mail, one sort of becomes forgetful of sending all the pertinent info sometimes! It was great to read PEGGY LEIFERT'S MUSING in I#9. It got me thinking back to the days when I was a young lad on a small SW IA farm and discovered DXing for the first time. That was in the summer of 1977, when I took out a norepad and did a daytime bandscan by turning my GE tabletop clock radio one way or another. In the 3 years prior to that, the only stations I had 'logged' were the ones I listened to on a regular basis: WOW, KOIL and KFAB out of Omaha, KRCB (now KLNG) out of Council Bluffs, and Shenandoah's KMA. So it was great to hear

new ones like KMMJ-750, KIOA-940, KDLS-1310, KCBC-1390 (now KKSO) in Des Moines, Waterloo's KLEU-850 (now KWOF) and WLS, which in '77 was my most distant regular daytime catch. Aside from logging local KOAK-1080 3/79, plus KSO and KXEL in 2/80, I was away from DXing until 4/13/81 when a pre-dawn logging of WBAP introduced me to the concept of nighttime DXing. After that, the new stations, mostly in the form of the nation's 50kw biggies, came fast and furious. Shortly after that, I found the graveyard channels and heard WSGA and KTRC, 2 stations on which I am proud to claim distance records on to this day. So, you might say I was lucky enough to get into the hobby just before the breakup of the clears and the overloading of the graveyard frequencies, although, in talking with some of the NRC's older statesmen, I get the feeling that I was born too late. Hearing stations from coast to coast was surely a lot easier back then. On to the present: I've put off the move out of Lafayette until late March at the earliest, as I'll be joining a local college-age church group on a mission trip to S LA 3/7-16. So, any loggings that you see in BILL HALE'S column with my name listed next to "Iowa City" are stations I heard while back there on vacations/visits. The Lafayette AM logbook, such that it is, only has about 150 stations in it, and I don't really plan on adding any more before I move away. Seven Tea Trees to all.

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First, my apologies for the lost Musings; apparently they were sent to the E-mail never-never land. I know I did get a "message has been sent" acknowledgement, but where it was sent to is the question. Some bits and pieces of DXing have been done, but nothing new has been heard. We have been very involved with the installation and set up of the new EANS system for a number of stations in this area, which took the place of the EBS system on 1/1. The tests will now be conducted monthly (was weekly previously) and will consist of data bursts instead of tones. This has been in the works for 3 years now, and there are still stations which have not purchased the equipment nor have set up workable plans for the new system. That's it, a few more reports on hand, but we still need to hear from YOU! 73

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