

# NEWFOUNDLAND DXPEDITION V

2 November to 17 November, 1996

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

## Prologue

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 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 on 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 and 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 humor 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	<b>[JB]</b>	Nov 2-Nov 17	Drake R8A and Icom IC-R71A
Ben Dangerfield, Wallingford, PA	<b>[BD]</b>	Nov 3-Nov 7	Drake R8A
Bruce Conti, Nashua, NH	<b>[BC]</b>	Nov 3-Nov 10	Drake R8A
Neil Kazaross, Barrington, IL	<b>[NK]</b>	Nov 3-Nov 10	Drake R8A
Dave Clark, Toronto, ON	<b>[DC]</b>	Nov 9-Nov 14	Drake R8 and Drake R8A
John Fisher, Calgary, AB	<b>[JF]</b>	Nov 9-Nov 15	Icom IC-R71A
Jim Renfrew, Rochester, NY	<b>[JR]</b>	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  
 One remotely tunable 'Byan' antenna 350 m towards Brazil  
 Ancillary equipment: antenna splitters, phasing units, cassette recorders, coffee...

## The Logs (UTC dates and times)

### Africa

- 153 **ALGERIA** *Radiodif. Algerienne*, Bechar, 3 Nov, 0340 [BD].  
 171 **MOROCCO** Nador, 3 Nov, 1900 [BD].  
 207 **MOROCCO** *RTM A*, Azilal, 4 Nov, 2120 - // 612, 819, 936, 1053 [at 2120] [BD]. 15 Nov, 2031 - Clear parallel with 612, 711, 819 program [JR].  
 252 **ALGERIA** *Radiodif. Algerienne*, Tipaza, 3 Nov, 2251 - In FF at the time [BD]. 12 Nov, 0540 - Talk by man in French; fair, mixing with Atlantic 252 which tended to dominate [DC]. 15 Nov, 1857 - Presumed, in FF under Ireland [JR].  
 531 **ALGERIA** *Radiodif. Algerienne*, Ain-El-Beida, 3 Nov, 0355 [BD].  
 531 **MADEIRA** *Centro Regional RDP*, Porto Santo, 15 Nov, 2143 - PP soccer coverage // 666; no other RDP outlet here except Madeira [JR].  
 540 **MALI** *Office de Radiodif. TV Malienne*, Bamako, 2 Nov, 2340 - African mx under QRM, // 4782.38; SIO 221 (first log from Newfoundland on MW!) [JB]. 5 Nov, 2209 - Highlife mx under CBT, // 4782.4; SIO 222 [BC/BD/JB/NK]. 10 Nov, 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, 9 Nov, 2345 - // 207, AA; u/ CBGA1 & Hungary w/ CBT phased [NK].  
 549 **ALGERIA** *Radiodif. Algerienne*, Les Trembles, 3 Nov, 0355 [BD].  
 576 **SOUTH AFRICA** *R. Metro*, Meyerton, 7 Nov, 2048 - Tentative; SAH w/ Spain, some US mx noted; 846 (Xhosa) was big at the time [NK].  
 603 **MADEIRA** *Centro Regional RDP*, Pico de Arieiro, 3 Nov, 2048 - PP [BD]. 5 Nov, 2225 - Fair; Portuguese mx // 1125, over/under RNE5, which was also // 1125 [BC].  
 612 **MOROCCO** *RTM A*, Sebaa-Aioun, 4 Nov, 2120 - // 207, 819, 936, 1053 [BD]. 15 Nov, 2031 - Clear parallel with 207, 711, 819 program [JR].  
 621 **CANARY IS.** *RNE1*, Santa Cruz, 3 Nov, 0358 [BD].  
 630 **TUNISIA** *ERTT*, Tunis, 3 Nov, 1900 [BD]. 4 Nov, 0545 - Arabic mx, // 7475; good over CFCY [BC]. 13 Nov, 2055 - AA mx, // 7475; fair [JF].  
 648 **BOTSWANA** *R. Botswana*, Orapa, 11 Nov, 2144 - Noted briefly in // with 972, 3356 [JR].  
 648 **GAMBIA** *R. Gambia*, Bonto, 13 Nov, 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 mx 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]. 14 Nov, 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]. 15 Nov, 2112 - Briefly audible, // 907.82, not parallel after 2115 [JR].
- 702 **MOROCCO** *RTM*, Sebaa-Aioun, 6 Nov, 1956 - // 827 at time [BD].
- 711 **LIBYA** *Libyan Jamahiriya Broadcasting* synchros, 6 Nov, 0438 - Koran // 1251 [BD].
- 711 **MOROCCO/WESTERN SAHARA** *RTM*, Laayoune, 3 Nov, 0405 [BD].
- 720 **CANARY IS.** *RNE5*, Santa Cruz, 4 Nov, 2107 - // 747 [BD].
- 747 **CANARY IS.** *RNE5*, Las Palmas, 4 Nov, 2107 - // 720 [BD].
- 747 **NAMIBIA** *Namibian Broadcasting Corp.*, Gobabis, 7 Nov, 2135 - Seemed // 3270 & 3290 w/ same urban contemp. song after news ended; getting through co-channel Canaries & slop from CBGY-750 [NK]. 9 Nov, 0027 - Briefly noted w/ audio // 3270 & 3290 o/u Canaries-Spain - 747 & slop from 750 [NK]. 10 Nov, 2120 - Female vocal, tentatively // 3270.05 & 3289.91; again at 2233 with almost certain // holding up for about 2 minutes [DC].
- 747.04 **BURKINA FASO** *Radiodif. Nationale du Burkina*, Ouagadougou, 4 Nov, 2034 - Tentative; African mx [BD]. 10 Nov, 2208-2216 - Nx in FF then talk about meditation as a tropical medicine, // 4815; SIO 332 [DC/JB/JF]. 12 Nov, 0625 - High-life mx, making for an easier, albeit thru QRM, // with the strong signal on 4815 [DC]. 15 Nov, 2129 - Excellent signal, talk, mx set to one-string instrument, stronger than 4815 SW! [JR]. 15 Nov, 2226 - Nx in FF; SIO 433 [JB].
- 765 **SENEGAL** *RTV Sénégal*, Dakar, 3 Nov, 2130 [BD]. 6 Nov, approx 2100 - Tribal African mx 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].
- 774 **EGYPT** *Egyptian R.*, Abis, 5 Nov, 0145 - Mx [BD].
- 819 **EGYPT** *Egyptian R.*, Batra, 3 Nov, 0420 - Mx [BD].
- 819 **MOROCCO** *RTM*, Rabat, 4 Nov, 2120 - // 207, 612, 936, 1053 at time [BD].
- 827 **MOROCCO** *RTM*, Oujda, 6 Nov, 1956 - // 702, a Finnish DXer [Mika Makelainen - JB] says Syria [BD].
- 837 **CANARY IS./SPAIN** *COPE* synchros, 3 Nov, 0420 [BD].
- 840 **CHAD** *Radiodif. Nationale Tchadienne*, N'Djamena, 9 Nov, 2052-2053 - // 4907.5, female disco vocal; o/ faded St. Lucia & weak Brazil [NK]. 9 Nov, 2120 - African rhythm // 4904.5, with St. Lucia nulled by phasing (St. Lucia was playing "La Macarena" at the time) [BC]. 11 Nov, 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 **SOUTH AFRICA** *R. Xhosa*, Komga, 3 Nov, 2152 - Pop singing [BD]. 4 Nov, 2038 - MoR EE mx, "Xhosa" announcements; mostly o/ Italy on Brazil Bev [NK]. 4 Nov, 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]. 11 Nov, 2204-2221 - Same format as previous year, phone calls and upbeat pop mx; canned "Radio Xhosa" ID noted at 2221; fair peaks and virtually alone on this freq on Brazil Beverage [DC/JR]. 15 Nov, 2219 - Excellent signal noted [JR].
- 864 **EGYPT** *Egyptian R.*, Santah, 3 Nov, 0420 - Koran only [BD]. 5 Nov, 2033 - Man in animated AA; SIO 322 [JB]. 14 Nov, 0214-0240 - Call to prayer; fair [JF].
- 864 **MOROCCO** *RTM*, Errachidia, 6 Nov, 1913 - Moroccan pop [BD].
- 882 **CANARY IS.** *R. Pop. de Tenerife*, La Laguna, 3 Nov, 0425 [BD].
- 890.97 **ALGERIA** *Radiodif. Algerienne*, Alger, 3 Nov, 0425 [BD]. 11 Nov, 0231 - AA mx; poor [JF]. 16 Nov, 2046 - AA talk, // 549; this being slightly off-frequency it puts a growl on 891; SIO 333 [JB].
- 907.82 **GAMBIA** *R. Syd*, Banjul, 4 Nov, 2133 - Soft African mx [BD]. 6 Nov, 2040 - Bits of audio including African mx through strong het against 909, assumed to be Gambia [BC]. 9 Nov, 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 (10 Nov) but gone at 0200 recheck, the listed s/off [DC]. 10 Nov, 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]. 11 Nov, 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]. 14 Nov, 2205 - Possibly parallel to EE news on R. Gambia 648 at this time [JR]. 15 Nov, 2113 - Chronically off-freq stn w/ EE nx then African talk, // 648 to end of EE at 2115; SIO 232 [JB]. 15 Nov, 2158 - Man singing with plucked single-string instrument [JR].
- 936 **MOROCCO** *RTM*, Agadir, 4 Nov, 2120 - // 207, 612, 819, 1053 at time [BD].
- 945 **UNID** 7 Nov, 2115 - Possibly São Tomé; urban contemporary mx, PP anc; not France or UK (which were audible on EuroBev w/ different pgms) [NK].
- 972 **BOTSWANA** *R. Botswana*, Gaborone, 5 Nov, 2133 - “It’s 32 before 12 o’clock” (UTC+2) TC, pop mx, // 3356; SIO 343 [BC/BD/JB/NK]. 7 Nov, 2050 - // 3356, female soul vocal “I Will Always Love You;” to good peaks [NK]. 11 Nov, 2136-2159\* - Stronger signal than // 3356, with C&W mx 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]. 12 Nov, 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]. 15 Nov, 2129 - Loud mx, // 3356 [JR].
- 981 **ALGERIA** *Radiodif. Algerienne*, Alger, 3 Nov, 0430 [BD].
- 981 **KENYA** *KBC General Svc*, Voi, 12 Nov, 0205-0229 - Bits of audio, tentative // to 1386 (which see), until ERA suddenly popped on with strong signal at 0229, itself also // 1386 [DC].
- 1008 **CANARY IS.** *R. Las Palmas/RadioVoz*, 3 Nov, 0440 [BD]. 6 Nov, 2031 - Ad for “La Gazeta de Las Palmas” and FM outlet “Gran Canaria Radio;” deep fades, SIO 442 [JB]. 14 Nov, 0051-0126 - Mx from the opera Carmen, IDs, time pips and “noticias” at 0100, Broadway show mx such as “Mame;” ads; fair [JF]. 14 Nov, 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].
- 1044 **MOROCCO** *Sebaa-Aioun*, 3 Nov, 0442 [BD].
- 1053 **MOROCCO** *RTM*, Tanger, 4 Nov, 2120 - // 207, 612, 819, 936 at time [BD].
- 1114.87 **ANGOLA** *Em. Provincial do Kuanza-Sul*, Sumbe, 3 Nov, 2110 - Good w/ PP talk; heard on Brazil Bev [NK]. 6 Nov, 2040 - Local mx [BD]. 7 Nov, 2100 - PP talk, beautiful “Emissora Regional de Kuanza Sul” ID; good peaks [NK]. 10 Nov, 2145 - Hi-life mx 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]. 10 Nov, 2154-2200 - Afro dance mx, PP anc; poor [JF].
- 1125 **MADEIRA** *Centro Regional RDP*, Ponta do Pargo, 15 Nov, 2120 - PP talk about soccer; SIO 343 [JB].
- 1125 **NIGER** *LV du Sahel*, Niamey, 11 Nov, 2055-2103 - High-life vocals, mostly poor thru QRM but definite brief // to very strong 5021.5 [DC/JR]. 13 Nov, 2215 - Talk by man in French; poor, SW seemingly not on today [DC].
- 1161 **EGYPT** *Egyptian R.*, Tanta, 4 Nov, 1855 - Chanting [BD].
- 1170 **NIGERIA** *Ogun State BC*, Abeokuta, 7 Nov, 2300 - Sign-off with anthem popped up briefly on this crowded frequency [BC].
- 1179 **CANARY IS.** *R. Club Tenerife*, Santa Cruz, 3 Nov, 0500 [BD]. 14 Nov, 0658 - Local ID as “Cadena SER, Radio Club Tenerife” [JR].
- 1197 **LESOTHO** *BBC Relay*, Lancer’s Gap, 4 Nov, 0040 [BD]. 11 Nov, 0302-0305 - Brief fadeup over Virgin R. with World Service news read by woman, // 3255 (via Meyerton); presume MW site remains Lesotho [DC]. 13 Nov, \*0300 - Audible only to 0305, this time with the WS news read by man [DC]. 13 Nov, 0305 - EE news // 3255; audible in LSB, lousy signal but very happy to finally have heard this one [JF]. 15 Nov, 2238 - BBC program weak [JR].
- 1206 **SIERRA LEONE** *SLBS*, Goderich, 6 Nov, 2020 - Local anmts in African-accented EE; Polish QRM, SIO 322 [BD/JB].
- 1222 **SENEGAL** *RTV Sénégal*, Ziguinchor, 11 Nov, 2110 - Tentative; just fair carrier, no audio; surely this as readily heard during NF-DX IV [DC].
- 1233 **MOROCCO** *RTM*, Tanger, 10 Nov, 0253 - Tentative; AA mx; fair [JF].

- 1251 **LIBYA** *Libyan Jamahiriya Broadcasting*, Tripoli, 3 Nov, 0510 [BD]. 5 Nov, 1935 - AA talk mixed w/ UAE, Hungary, Portugal [NK].
- 1349 **MAURITANIA** *R. Mauritanie*, Nouakchott, 5 Nov, 2010 - Instrumental mx // 4845, strong het against 1350 [BC]. 10 Nov, 0001 - Local language talk and AA-sounding vocal at 0012 // 4845; fair [DC/JF].
- 1385.92 **GUINEA** *R. Rurale*, Labé, 10 Nov, 2002-2018 - African-accented FF, IS and drums on the hour, international and local nx; QRM from Kaliningrad and a jammer; SIO 322 [JB]. 13 Nov, 2029 - News or talk, "Rurale" mentioned several times [JR]. 13 Nov, 2033-2043 - Lang talk and wild West African dance mx; poor w/ QRM from co-channel jammer (not sure who the jammer was targeting, Iran? - JF) [DC/JF]. 15 Nov, 2140 - Loud and clear with mx [JR].
- 1386 **KENYA** *KBC*, Maralal, 6 Nov, 0159 - Drum and flute IS, "This is KBC," choral mx, bits of EE freq anmt at 0203; SIO 242-1 [BD/JB]. 10 Nov, 0204 - Opening anmts by man, then into vocal number at 0205; fair, mixing with Greece but easily // 4935 [DC]. 12 Nov, 0200 - Anthem, woman opening with frequency anmts, pop song at 0202, then patriotic prayer at 0204 ahead of pop mx again at 0206; fair, generally atop Greece, tentatively // 981 also [DC/JF]. 13 Nov, 0157 - Drum IS to anthem at 0200; just poor-fair, as was 4935 [DC].
- 1394.1 **TOGO** *Radiodif. Togolaise*, Lomé, 5 Nov, 2110 - French talk and mx // 5047, strong het against 1395 [BC/BD].
- 1475.12 **BENIN** *ORTB*, Cotonou, 4 Nov, 2050 - Afro-accented FF talk; 60-meter SW // not audible [NK]. 5 Nov, 2155 - Good; John Paul Young's 1978 hit "Love Is in the Air," announcements in French [BC]. 10 Nov, 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]. 11 Nov, 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]. 15 Nov, 2119 - Man speaking, mention of Benin, // 4870 [JR].
- 1475.5 **BENIN** *ORTB*, Cotonou, 4 Nov, 2054 - FF [BD].
- 1492.85 **MOROCCO** *RTM*, Agadir, 4 Nov, 2107 - // 1044, AA singing & violins; good [NK]. 6 Nov, 2017 - Tentative; African type mx [BD].
- 1492.9 **UNID** 9 Nov, approx. 2130 - Morocco or Ivory Coast; MoR mx that was not parallel Morocco-1044 [NK].
- 1502 **ANGOLA** *Em. Provincial do Benguela*, Benguela, 5 Nov, 2120 - Vocals [BD]. 13 Nov, 2345 - EZL vocal by woman; weak [DC].
- 1502 **TOGO** *Radiodif. Togolaise*, Kara, 5 Nov, 2121 - African mx [BD]. 10 Nov, 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 mx on 5047) [DC].
- 1512 **SAUDI ARABIA** *BSKSA*, Jeddah, 5 Nov, 0201 [BD].
- 1530 **SÃO TOMÉ E PRÍNCÍPE** *VOA Relay*, Pinheira, 3 Nov, 0445 - ID, PP sports pgm; over Vatican, SIO 433 [JB]. 4 Nov, 0330 [BD]. 6 Nov, 2218 - VOA ment., light pop mx including Mariah Carey; loud at S9+25! [NK]. 10 Nov, 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]. 11 Nov, 0302 - African news in English; very strong [DC]. 11 Nov, 2057 - Nx in EE; SIO 422 [JB].
- 1544 **ALGERIA/CLANDESTINE** *R. Nacional Rep. Arabe Saharai Democr.*, Tindouf, 4 Nov, 0030 [BD]. 13 Nov, 2209 - AA talks; good [JF].
- 1584 **SPANISH MOROCCO** *RadiOlé*, Ceuta, 6 Nov, 2157 - Pgm of Spanish mx o/u stn(s) w/ SER network pgms, "RadiOlé" IDs; SIO 322 [JB]. 8 Nov, 1930 - Flamenco and Mediterranean-influenced or "Azucar Moreno"-style mx over SER, 2000 "RadiOlé" ID, a European and the "track" Beverages phased to minimize SER interference [BC]. 15 Nov, 2000 - "RadiOlé" ID, mx from 2001 while the SER stn is still in nx; SIO 322 [JB/JR].

## Asia and the Middle East

- 180 **TURKEY** *TRT*, Polatli, 3 Nov, 2240 [BD].
- 549 **SAUDI ARABIA** *BSKSA*, Qurayyat, 10 Nov, 0314 Call to prayer, // 594; fair [JF].
- 594 **SAUDI ARABIA** *BSKSA*, Duba, 3 Nov, 0320 - Koran, // 1521; SIO 333 [JB]. 3 Nov, 0358 [BD]. 15 Nov, 0310 - Call to prayer, // 1521; fair [JF].
- 603 **IRAQ** *Iraq R.*, Nineva, 5 Nov, 0256 - Tentative; anthem by chorus at s/on [BD].
- 648 **TAJIKISTAN** *Tajik R.*, Orzu, 13 Nov, \*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, 3 Nov, 2142 - Pop mx, // 1206 & 7495 [BD]. 9 Nov, 2348-0007 - Old EZL standards like “Girl from Ipanema,” Hebrew anc, // 1206; peaked at SIO 333 [JB/JF]. 13 Nov, 2350 - EZL mx and talk at 2355 by woman in Hebrew; difficult thru QRM here; // 1080 and 1206 [DC]. 16 Nov, 0205 - Mx program, // 1206 [JR].
- 666 **SYRIA** *ORT ArabeSyrienne*, Damas-Sabboura, 6 Nov, 2145 - AA news, // 783 & 918; behind Portugal & Germany, but phasing helped [NK]. 8 Nov, 1910 - AA // 783; u/ Portugal [NK].
- 783.06 **SYRIA** *ORT Arab Syrienne*, Tartus, 3 Nov, 0420 [BD]. 6 Nov, 2145 - // 666 & 918, AA news; huge, S9+22! [NK]. 8 Nov, 1932 - // 666, 918, AA ment. “al Suriya,” then mx; very good [NK]. 10 Nov, 1928 - AA tks by M and W; poor [JF]. 12 Nov, 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].
- 801 **JORDAN** *R. Jordan*, Ajlun, 6 Nov, 0135 - Presumed this w/ dramatic AA talk, AA mx from 0138; deep fades, SIO 332 [BD/JB].
- 827 **SYRIA** *ORT Arab Syrienne*, Deir el Zawr, 12 Nov, 2235 - M in AA, mentioned Syria and Damascus many times; SIO 433 [JB]. 13 Nov, 0010 - Arabic mx and a very strong signal, off nominal 828, not // 819 at this time [DC]. 13 Nov, 0031-0038\* - At this time // 783 (which see) w/ Koran, s/off anmts and Syrian anthem; SIO 433 [JB].
- 827 **UNID** 7 Nov, 2200, 2222-2224, 2312-2317 - Possibly Syria; AA mx & talk, not // Libya-1251 or Morocco-1044 etc. (but Syria-783 not checked), news mentioned Clinton, Mubarik, Arafat, Libya; drama w/ gun shots; audio seemed off after 0100, but OC persisted [NK].
- 864 **ARMENIA** *Armenian R.*, Yerevan, 5 Nov, 2032-2036 - // 4810, “Armenia” mentions; fair to good, o/ Egypt & others [BD/NK]. 5 Nov, 2033 - Armenian o/u Egypt, // 4810; SIO 322 [JB]. 11 Nov, 1950-2008 - Woman singing, man mentioned 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]. 12 Nov, 1915 - Local mx, // 4810, 4990, 7480, under France [JR].
- 873 **LEBANON** *VO Lebanon*, Beirut, 3 Nov, 2208-2223 - AA talk and mx, // 6549.48; QRM mainly from Ukraine, SIO 222 [BD/JB/NK]. 10 Nov, 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].
- 900 **SAUDI ARABIA** *BSKSA*, Qurayyat, 3 Nov, 2123 [BD].
- 918 **SYRIA** *ORT Arab Syrienne*, Al-Hassake, 5 Nov, 2042 - // 783 [BD]. 6 Nov, 2145 - // 666 & 783, AA news; u/ Slovenia [NK].
- 954 **QATAR** *QBS*, Al Arish, 4 Nov, 0244 - IS, s/on in AA; under Spain, SIO 222 [JB]. 4 Nov, 0250 - Koranic chants, // 7210, good with Spain nulled by phasing [BC/BD/NK]. 11 Nov, 1936-1944 - Good with AA mx, // 7210 [DC/JF/JR]. 14 Nov, \*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].
- 1008 **YEMEN** *Yemen RTV Corp.*, Sana’a, 4 Nov, 1909 - // 9779.4 [BD]. 4 Nov, 1938 - Likely // 9779.8, AA strings, then AA talk; u/ Holland [NK].
- 1017 **TURKEY** *TRT*, Mundanya/Istanbul, 5 Nov, 1822 - Talk [BD].
- 1026 **IRAN** *IRIB*, Tabriz, 10 Nov, 0310 - Talk in presumed Farsi; very good signal, // low power 1368 [DC]. 14 Nov, 0255 - A prayer (I think), martial anthem, five short and one long pips, // 1152 [JR].
- 1026 **ISRAEL** *Kol Israel*, Tel Aviv, 8 Nov, 2203 - // 9815, national anthem mixed w/ bubble jammer; soon lost [NK].

- 1044 **GEORGIA** *Georgian R.*, Tbilisi, 10 Nov, 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 sign on - BC) (astutely noticed by Bruce! - JB) [BC/JB/NK]. 13 Nov, 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]. 13 Nov, 0233 - Parallel mx (woman singing) established here and 5040, 4875; shortwave signals were strong but of awful sound quality [JR].
- 1062.06 **TURKEY** *TRT*, Diyarbakir, 2 Nov, 2300 - Audible after RAI went off w/ W talking then Turkish anthem; SIO 232 [JB].
- 1071 **INDIA** *All India R.*, Rajkot, 10 Nov, 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]. 12 Nov, 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]. 13 Nov, 0042 - Indian mx; way under France-Inter and presumed Euskadi; SIO 222 [JB].
- 1080 **ISRAEL** *Kol Israel Reshet Beth*, Jerusalem, 9 Nov, 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]. 10 Nov, 0137-0139 - // 7495, oldie “Dream a Little Dream” (Mama Cass); poor to fair o/u WTIC & Spain [NK]. 13 Nov, 2021 - Talk in Hebrew and female vocal at 2032; surprising dominant here, // 7495 [DC].
- 1121 **IRAN** *VO Rebellious Iraq*, Bandar Lengeh, 5 Nov, 1814 - Chanting [BD]. 5 Nov, 1818-1825 - AA talk by woman mention Iraq, some AA mx, but mostly talk [NK].
- 1134 **INDIA** *All India R.*, Mogra, 11 Nov, 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]. 12 Nov, 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]. 12 Nov, 0025 - Tentative; Indian mx; poor [JF/JR].
- 1152 **IRAN** *IRIB*, Tabriz, 14 Nov, 0254-0258 - Call to prayer, martial anthem, five short and one long pips, // 1026 [JF/JR]. 15 Nov, 2359 - Mx, pips, ID over piano mx; SIO 222 [JB/JR].
- 1197 **IRAQ** *Iraq R.*, Nineva, 7 Nov, 1850 - Tentative; AA mx / chants, o/u Virgin R.; lost before a possible parallel w/ 6560 could be established [NK].
- 1206 **ISRAEL** *Kol Israel Reshet Beth*, Haifa, 3 Nov, 2140 - Talk in Hebrew and Carole King song // 7495, good with Poland nulled by phasing [BC/BD/NK]. 9 Nov, 2350 - EZL mx and talk in Hebrew, fair/mixing with Poland; // 657 (poor) and 1080 (surprisingly dominant over Poland) [DC]. 13 Nov, 2020 - Apparent radio drama in progress; again // 657 & 1080 + very strong shortwave relay 7495 [DC]. 16 Nov, 0205 - Mx program // 1206 [JR].
- 1224 **ISRAEL** *Galei Zahal*, Beersheba, 16 Nov, 0140 - IDF army station with call-in program to male announcer, Israeli pop mx interludes, // 1287, clear ID at 0200 [JR]. 16 Nov, 0150 - Briefly atop the Dutch stn, // 1287; SIO 222 [JB].
- 1251 **UNITED ARAB EMIRATES** *UAE R.*, Dubai, 5 Nov, 1925 - // 1476 & 13675, AA talk; well u/ Hungary [BD/NK]. 9 Nov, 2140 - // 1476, bits of AA mx; u/ Hungary & Libya [NK].
- 1260 **GREECE/DODECANESE IS.** *VOA Relay*, Rhodes, 5 Nov, 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].
- 1287 **ISRAEL** *Galei Zahal*, Tel Aviv, 10 Nov, 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]. 16 Nov, 0140 - IDF army station with call-in program to male announcer, Israeli pop mx interludes, // 1224, clear ID at 0200 [JR]. 16 Nov, 0155-0201 - Telephone chat in Hebrew, fanfare and ID at 0200; SIO 444 [JB].

- 1314 **UNITED ARAB EMIRATES** *R. of the UAE*, Dabiya, Abu Dhabi, 5 Nov, 1910 - AA Koranic chant w/ Norway in fade; QRM also from Spain; bits // 1539 noted also [NK]. 16 Nov, 1709 - AA phone talk, // 9770, gaining strength but still way, way under NRK; SIO 222-1 [JB/JR].
- 1323 **CYPRUS** *BBC Relay*, Zyyi, 16 Nov, 0300 - Sign-on with Lillybolero, pips, BBC news in EE by woman, // 6195, 9410, 11760 [JR].
- 1332 **IRAN** *IRIB*, Tehran, 4 Nov, 0221 - Man chanting [BD].
- 1368 **IRAN** *IRIB*, Sari, 10 Nov, 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].
- 1386 **IRAN** *IRIB*, Ahwaz, 4 Nov, 0235 - Koran & talk in Mid-East language; u/ Greece [NK]. 5 Nov, 0230 - Good; sign-on, Koranic chants, then woman with “islamiyya Iran” mention [BC/BD].
- 1395 **ARMENIA** *Armenian R.*, Yerevan, 5 Nov, 2032 - // 864 [BD].
- 1404 **IRAN** *IRIB*, Kiashahr, 5 Nov, 1734 - Oriental strings [BD]. 5 Nov, 1756 - Likely this w/ Mid-East mx & Farsi-sounding talk; QRM from France & Ukraine [NK]. 15 Nov, 2018 - EE pgm w/ wx and letterbox; muffled audio, SIO 333-2 [JB/JR].
- 1413 **OMAN** *BBC Relay*, Masirah Island, 4 Nov, 0145 - Man in Urdu; mostly u/ Kosovo [NK]. 5 Nov, 1750 - EE [BD]. 5 Nov, 1800 - Excellent; BBC World Service in English, “This is London” and “Newsdesk” [BC/NK]. 11 Nov, 1909-2002 - EE “Outlook,” “Words of Faith,” “Multitracks,” // 12095; poor w/ RNE5 QRM [DC/JF]. 15 Nov, 1823 - BBC news about world soccer official accused of making a racist comment while visiting South Africa, // 6180 [JR]. 16 Nov, 2059 - Sign-off announcement mentioning close-down of BBC Middle Eastern Relay, “We wish you a very good night” [JR].
- 1440 **SAUDI ARABIA** *BSKSA*, Dammam, 3 Nov, 2120 [BD]. 12 Nov, 2010 - Arabic mx while looking without success for Central African Republic [DC].
- 1449 **IRAN** *IRIB*, Bandar-e-Torkaman, 4 Nov, 0240 - Chanting [BD]. 5 Nov, 1720-1730 - Koran at 1720, then anthem, Iran mention in Farsi, carrier cut at 1730; BBC4 left behind, Italy showed up later [NK]. 6 Nov, 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]. 7 Nov, 1727-1730 - national anthem, sign-off [NK].
- 1476 **AZERBAIJAN** *Azərbaycan Radioteleviziya Sirkəti*, Gyanca & Pirsagat, 4 Nov, 1758-1816 - Guttural-language talk, Russian-sounding mx; mixed w/ UAE & UK stations [NK]. 5 Nov, 2000 - Faded up over Dubai w/ nx, mentioned “Azerbaijan” many times; SIO 333 [JB/NK]. 5 Nov, 2000 - Russian talk [BD]. 11 Nov, 1845 - Local mx mixing w/ Dubai; poor [JF]. 11 Nov, 1850 - Talk in language by woman; fair peak, mixing with UAE Radio and New Country Sound pulling up the rear [DC].
- 1476 **IRAN** *IRIB*, Sanandaj, 4 Nov, 1840 [BD].
- 1476 **UNITED ABAB EMIRATES** *UAE R.*, Dubai, 4 Nov, 1758 - AA vocal & violins // 13675; beautiful signal o/ suspected Azerbaijan [BD/NK]. 5 Nov, 1702 - Nice AA ID “... min Dubai” // 13675; well o/ Azerbaijan & UK [NK]. 9 Nov, 2140 - // 1251, nice AA ID, then Mid-East mx; atop Azerbaijan & UK [NK]. 10 Nov, 1818-1912 - Pgm of vocal AA mx and talk, news at 1900 // 13675; poor [DC/JF]. 11 Nov, 1850 - Arabic mx and chants; fair in a 3-way fight with Azerbaijan and UK local New Country Sound [DC]. 16 Nov, 1915 - AA ID, freqs, talk about Israel; SIO 444 [JB].
- 1494 **JORDAN** *R. Jordan*, Al Karanah, 6 Nov, 0210 - Man and woman in AA; mx [BD]. 9 Nov, 2143 - // 9830, AA talk, then chanting; mixed w/ presumed Russia open carrier, Moldova, others [NK]. 16 Nov, 0124 - Mx and ID “Huna Amman,” // 11935 [JR].
- 1494.16 **GREECE/DODECANESE IS.** *Elliniki Radiophonia Rodos*, Rhodes, 11 Nov, 2007-2035 - Deep fades but w/ decent peaks, Greek talk including mention of Greek leader Karamanlis and Greek folk mx; at best SIO 343 [DC/JB/JF/JR].
- 1503 **IRAN** *IRIB*, Bushehr, 6 Nov, 0225 - // 1386, Tom-toms and strings, vocals [BD]. 6 Nov, 0238 - Local mx, // 1386; SIO 332 [JB]. 12 Nov, 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].
- 1512 **SAUDI ARABIA** *BSKSA*, Jeddah, 5 Nov, 0201 [BD].
- 1518 **UNID/CLANDESTINE?** 8 Nov, 1902 - Huge carrier but tiny audio w/ AA mx [JB/NK].

- 1521 **IRAN** *IRIB*, Kiashahr, 6 Nov, 1713-1719 - Long deep fades & Saudi QRM, Farsi talk, some mx; SIO 322 [JB/NK].
- 1521 **SAUDI ARABIA** *BSKSA*, Duba, 3 Nov, 1845 [BD]. 14 Nov, 0328 - Call to prayer, s/on anmt and AA ID, // 900; good [JF].
- 1526 **UNID/CLANDESTINE?** 5 Nov, 0152 - Middle Eastern mx [BD]. Also noted drifting to 1527.7 kHz, 5 Nov, 1940, 1528 kHz 6 Nov, 2135 [NK].
- 1534 **UNID/CLANDESTINE?** 5 Nov, 2010 - Carrier [NK]. 6 Nov, 2020 - Man in AA [BD].
- 1537 **UNID/CLANDESTINE?** 5 Nov, 1940 - Carrier [NK].
- 1548 **KUWAIT** *VOA Relay*, Kabd, 3 Nov, 2020 - AA, IDs, talk about Lebanon; SIO 322 [JB]. 4 Nov, 0036 [BD]. 5 Nov, 2055 - AA but at 2100 into EE w/ "World Report;" SIO 322 [JB]. 7 Nov, 2125 - Good; VOA news in English [BC]. 10 Nov, 1905-1926 - AA newsmagazine pgm, // 9530; poor [JF]. 10 Nov, 2300 - News in English, fair with unID UK local radio outlet dominating [DC]. 11 Nov, 2328-0000 - VOA news summary, 2330 "VOA Worldwide" with numerous features; fair [DC/JF]. 13 Nov, 0012 - VOA news feature in EE [JR].
- 1566 **INDIA** *All India R.*, Nagpur/Buttibori, 2 Nov, 2358 - Indian mx over/under R. Eviva; SIO 322 [JB]. 10 Nov, 0036 - Woman with English news, briefly poking through R. Eviva, // outstanding signal on 5010 [DC/NK]. 10 Nov, 2338-2349 - Local mx with drums, sitar and flute mixing with a station with eastern mx, presumed to be Iran; poor [JF]. 11 Nov, 2110 - Subcontinental mx, // 1134 (Mogra); good [JF]. 12 Nov, 0032 - Man with news in Hindi, again only briefly through the Swiss powerhouse but enough to // 4860 [DC].

## Europe

- 153 **GERMANY** *Deutschlandfunk*, Donebach, 3 Nov, 0340 [BD]. 13 Nov, 0116 - Clas mx program, male DJ, // 756, 1269, 1422 [JR].
- 162 **FRANCE** *France-Inter*, Allouis, 3 Nov, 0340 [BD].
- 171 **BELARUS/RUSSIA/UKRAINE** *R. Rossii*, 3 1.2-MW sites, 3 Nov, 0340 [BD]. 12 Nov, 0535 - Talk by man in definite Russian but well under Morocco's mx programme [DC]. 17 Nov, 0430, 0459 - Man in 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].
- 177 **GERMANY** *DeutschlandRadio*, Oranienburg, 3 Nov, 0345 [BD]. 12 Nov, 0302 - GG news // 855 [JR].
- 183 **GERMANY** *Europe 1*, Felsberg, 3 Nov, 0345 [BD]. 12 Nov, 1813 - Ads and ID in FF [JR].
- 189 **ITALY/SICILY** *RAI Radiodue*, Caltanissetta, 15 Nov, 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, 3 Nov, 0345 [BD].
- 216 **FRANCE** *R. Monte Carlo*, Roumoules, 3 Nov, 0345 [BD].
- 225 **POLAND** *Polskie R.*, Raszyn, 3 Nov, 2245 [BD]. 11 Nov, 2201 - Strong signal, ID as "Polskie Radio" then news [JR]. 12 Nov, 0530 - ID by man, mx bridge and voice-overs with guitar mx; very strong [DC].
- 234 **LUXEMBOURG** *RTL*, Junglinster, 3 Nov, 0345 [BD].
- 234 **RUSSIA** *R. Rossii*, multiple sites, 17 Nov, 0440 - // 171 under Luxembourg [JR].
- 243 **DENMARK** *Danmarks R.*, Kalundborg, 3 Nov, 0345 [BD]. 12 Nov, 0540 - Clas mx and talk by man in Danish; very good; weak unID behind presumably Turkey [DC].
- 252 **IRELAND** *Atlantic 252*, Clarkestown, 3 Nov, 2250 [BD]. 12 Nov, 0543 - Pop mx and ID as "Longwave Radio 252" at 0544; to good peak over Algeria [DC]. 12 Nov, 1515 - Daytime TA noted almost every day that I looked for it during the noon hour [JR].
- 261 **GERMANY** *R. Ropa*, Burg, 12 Nov, 0259 - Six pips, anthem, ID as "Radio Ropa" then news in GG; QRM from beacon YT [JR].

- 261 **RUSSIA** *R. Rossii*, Taldom, 3 Nov, 0350 [BD]. 12 Nov, 0545 - Talk in definite Russian; fair in mix with pop mx from the German [DC]. 16 Nov, 0424 - Woman in RR, mx at 0436 // 873 (as in WRTH) [JR].
- 270 **CZECH REP.** *Cesky Rozhlas*, Uherské-Hradisté, 12 Nov, 0546 - Woman, then man with apparent news commentary; good [DC]. 16 Nov, 2159 - 5 + 1 pips, ID as “Cesky Rozhlas,” news mentioned President Walesa of Poland, heavy beacon QRM [JR].
- 279 **BELARUS** *Belaruskaje Radujo*, Sasnovy, 17 Nov, 0425 - Very weak with no // [JR].
- 531 **FAROE IS.** *Útvarp Føroya*, Akraberg, 4 Nov, 0712 - Sign-on with distinctive IS, then man in Faroese, strong over Spain [BC]. 11 Nov, 0737 - M in Faroese, mx pgm; QRM from Spain, SIO 322 [JB]. 12 Nov, \*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]. 13 Nov, 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 previous day [DC/JB].
- 531 **GERMANY** *MDR-Info*, Burg, 3 Nov, 0505 - // 783, 1044, 1188 [BD].
- 531 **SPAIN** *RNE5* synchros, 3 Nov, 0400 [BD]. 4 Nov, 0710 - “España a las ocho, Radio Nacional” morning news program, good signal over unID station before Faroes sign-on [BC]. 12 Nov, 0651 - SS talk; fair-good [JF]. 12 Nov, 0705 - News in progress with good signal while waiting for Faroes [DC].
- 540 **HUNGARY** *Magyar R.*, Solt, 3 Nov, 2220 - Good; clas flute mx, // 6025 [BC].
- 549 **RUSSIA** *Radiostantsiya Mayak*, multiple sites, 5 Nov, 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, 3 Nov, 0355 [BD]. 15 Nov, 0210 - // 567, 576, 603 [JR].
- 567 **IRELAND** *RTE R. 1*, Tullamore, 3 Nov, 0355 [BD]. 3 Nov, 2350 - Excellent; “Bank of Ireland presents the Nutcracker” ad, mention of FM-3, “Radio One” ID and weather [BC]. 14 Nov, 0413-0504 - Pop mx w/ 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, 7 Nov, 1833-1840 - Woman in Latvian, then soft piano mx, // 1350 & 1422 [NK]. 8 Nov, 1946 - Piano & violin sonata, // much stronger 1350; SIO 222 [JB].
- 576 **SPAIN** *RNE5*, Barcelona, 3 Nov, 0355 [BD]. 15 Nov, 0210 - // 558, 567, 603 [JR].
- 585 **SPAIN** *RNE1*, Madrid, 3 Nov, 0355 [BD]. 9 Nov, 2245 - SS talks; fair [JF].
- 594 **GERMANY** *Hessischer Rundfunk*, Frankfurt & Hoher Meissner, 6 Nov, 0100 - // 666, 801 [BD]. 6 Nov, 0117 - ARD “Nachtexpress” pgm w/ country song, // 666, 1017; SIO 332 [JB].
- 594 **PORTUGAL** *R. Renascença*, Muge, 6 Nov, 0100 [BD].
- 603 **ENGLAND** *BBC R. 4*, Newcastle, 14 Nov, 0302-0310 - News and sports // 198, 720; poor, only 2 kW [JF/JR]. 14 Nov, 0322 - Radio 4 sports, // 198, 720; good peaks over Spain [DC].
- 603 **FRANCE** *R. Bleue*, Lyon, 6 Nov, 1814 [BD].
- 603 **SPAIN** *RNE5*, Sevilla & Palencia, 3 Nov, 0358 [BD]. 15 Nov, 0210 - // 558, 567, 576 [JR].
- 612 **BOSNIA-HERZEGOVINA** *RTV Bosnia-Hercegovina*, Sarajevo, 3 Nov, 2143 [BD].
- 612 **IRELAND** *RTE R. 2*, Athlone, 3 Nov, 0358 [BD]. 9 Nov, 0000 - Excellent; “Night time 2-FM” ID, “2-FM news at midnight,” and John Clark after midnight, pop mx [BC]. 12 Nov, 1818 - Ads, report on a conference about cars [JR]. 13 Nov, 2121 - Pop mx, // 1278; very good [JF].
- 621 **BELGIUM** *RTBF*, Wavre, 3 Nov, 2300 - News in French, then sign-off with anthem and IS, good with Canaries/Spain nulled by phased wires [BC].
- 630 **NORWAY** *NRK*, Vigra, 8 Nov, 2345 - Norwegian talk then C&W tune in Norwegian; way o/ CFCY & Tunisia on EuroBev; CFCY dominated on South American Bev’s SIO 344 (Other small NRK stns were never audible during the DXpedition.) [BD/JB/NK]. 10 Nov, 0006 - Crushing CFCY; huge (S9+32) // 1314 (which was S9+34) [NK].
- 630 **PORTUGAL** *RDP*, Santa Isabel, 3 Nov, 2037 - // 666, 720 [BD].

- 648 **AZORES** *R. Lajes*, Lajes, 15 Nov, 2128 - Portuguese Air Force stn w/ PP soccer play-by-play, Braga vs. Central (?), not // 1125 or 666; SIO 343 [JB/JR].
- 648 **SPAIN** *RNE1*, Badajoz, 6 Nov, 0315 [BD]. 13 Nov, 2200 - Pips, SS nx, // 684; SIO 333 [JB].
- 657 **ITALY** *RAI Radiouno* synthros, 15 Nov, 2248 - Jazz pgm, // 1062, 1332, 1575, 6060 [JR].
- 657 **SPAIN** *RNE5*, Madrid, 3 Nov, 0400 [BD].
- 666 **GERMANY** *SWF*, Rohrdorf, 6 Nov, 0100 - // 594, 801 [BD]. 6 Nov, 0118 - ARD pgm w/ German pops, // 1017; over Lithuania, SIO 322 [JB]. 14 Nov, 0200 - World news, // 666 [JR].
- 666 **LITHUANIA** *R. Vilnius*, Sitkûnai, 3 Nov, 2235 - EE pgm, economic nx; Portugal QRM, SIO 222 [BD/JB]. 3 Nov, 2248 - fair w/ EE talk about Lithuanian parliament; Portugal phased [NK]. 3 Nov, 2245 - Good; mention of 9710 kHz and EE news about Latvia, oil exploration agreement [BC]. 12 Nov, 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]. 13 Nov, 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* synthros, 3 Nov, 0405 [BD]. 15 Nov, 2140 - PP soccer play-by-play, at least two echoing signals; SIO 433 [JB/JR].
- 666 **SPAIN** *R. Barcelona*, Barcelona, 3 Nov, 0405 [BD].
- 675 **FRANCE** *France-Inter*, Marseille, 3 Nov, 0400 - // 162 [BD].
- 675 **NETHERLANDS** *R. Ten Gold*, Lopik, 4 Nov, 2342 [BD]. 5 Nov, 1920 - Excellent; jingle ID and oldies mx [BC]. 10 Nov, 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, 3 Nov, 0400 [BD]. 4 Nov, 0600 - Good; "Radiotelevizija Srbije" ID, // 7200, over/under Spain [BC]. 9 Nov, 2309 - Talk in local lang; fair mixing w/ Spain [JF].
- 684 **SPAIN** *RNE1*, Sevilla, 3 Nov, 0400 [BD].
- 693 **AZORES** *RDP*, Terceira, 4 Nov, 2040 [BD]. 13 Nov, 2325 - EZL vocal by woman, mixing with BBC; pretty definite // on 1259 [DC].
- 693 **ENGLAND** *BBC R. 5*, Droitwich *et al.*, 3 Nov, 0400 - // 882, 909 at time [BD]. 9 Nov, 2310 - Live boxing match coverage; good [JF].
- 702 **GERMANY** *NDR*, Flensburg, 6 Nov, 1956 [BD].
- 702 **SLOVAKIA** *Slovensky Rozhlas*, Banská Bystrica & Presov, 3 Nov, 0400 - // 1098 [BD]. 14 Nov, 0219 - Soft instrumental mx program // 1098, mention of "Slovakie" [JR]. 16 Nov, 0111 - Elevator mx w/ no anmts, // 1098; SIO 433 [JB].
- 711 **FRANCE** *R. Bleue*, Rennes, 3 Nov, 0535 [BD]. 4 Nov, 0605 - Good; nostalgic French vocal, // 1206 [BC]. 6 Nov, 1844 - Woman interviewed in EE w/ FF voice-overs; SIO 343 [JB].
- 720 **NORTHERN IRELAND & ENGLAND** *BBC R. 4*, Lisnagarvey & 2 sites, 5 Nov, 0124 [BD]. 14 Nov, 0302 - News program, // 198 [JR]. 14 Nov, 0322 - Radio 4 sports, // 198 and 603; fair under unID pop mx station [DC].
- 720 **PORTUGAL** *RDP* synthros, 3 Nov, 0405 [BD]. 9 Nov, 2321 - OM/YL w/ PP talks; poor [JF]. 13 Nov, 2057 - Woman in PP; once mighty RDP stn now reduced to QRM for CHTN, SIO 322 [JB]. 15 Nov, 0144 - Heard // 666 [JR].
- 729 **IRELAND** *RTE R. 1*, Cork, 4 Nov, 0253 [BD]. 12 Nov, 1830 - Six pips and then announcer apologizes for lack of news feed [JR].
- 738 **SPAIN** *RNE1*, Barcelona, 3 Nov, 0410 [BD].
- 747 **NETHERLANDS** *NOS1*, Flevoland, 3 Nov, 0415 [BD].
- 756 **ENGLAND** *BBC R. 4*, Redruth, 14 Nov, 0302 - News program // 198 [JR].
- 756 **GERMANY** *Deutschlandfunk*, Braunschweig & Ravensburg, 3 Nov, 0415 [BD]. 13 Nov, 0116 - Clas mx program, male DJ, // 153, 1269, 1422 [JR].

- 756 **SPAIN** *R. Euskadi*, Bilbao, 3 Nov, 0415 [BD]. 4 Nov, 0300 - "Radio Euskadi, Servicios Informativos" over Germany [BC]. 16 Nov, 0400 - Pips and dual ID [JR].
- 765 **SWITZERLAND** *R. Suisse Romande*, Sottens, 3 Nov, 0415 - Clas mx [BD]. 11 Nov, 1856-1907 - Tentative; AA-sounding mx, ID as "Le Premier Emeteur" at 1859, FF news, and jazz mx; good [JF]. 12 Nov, 1834 - FF ID [JR].
- 774 **SPAIN** *RNE1* synchros, 3 Nov, 0415 [BD]. 12 Nov, 1836 - At least two sites heard with echo [JR]. 16 Nov, 0538 - Echo still noted [JR].
- 783 **GERMANY** *MDR*, Wiederau, 3 Nov, 0505 - // 531, 1044, 1188 [BD]. 10 Nov, 1953 - M w/ nx over Syria; SIO 333 [JB].
- 783.40 **UKRAINE** *Ukrayinsko R.*, unknown site, 10 Nov, 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*, Kavala, 4 Nov, 1930 [BD]. 16 Nov, 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, 3 Nov, 0420 [BD]. 16 Nov, 1948 - Soccer w/ Deportiva La Coruña vs somebody; SIO 333 [JB].
- 801 **ENGLAND** *BBC R. Devon*, Barnstaple, 15 Nov, 0419 - Presume this w/ BBC nx; faded away quickly, SIO 232-1 [JB]. 16 Nov, 0532 - Only BBC outlet listed [JR].
- 801 **GERMANY** *Bayerischer Rundfunk*, München & Dillberg, 6 Nov, 0100 - // 594, 666 [BD]. 6 Nov, 0133 - ARD pgm w/ show songs, // 1017; SIO 322 [JB]. 15 Nov, 0413 - GG // 6085 [JR].
- 801 **SPAIN** *RNE1* synchros, 3 Nov, 0420 [BD].
- 810 **MACEDONIA** *Makedonska Radiotelevizija*, Skopje, 8 Nov, 2055 - Greek-sounding mx under massive BBC R. Scotland; SIO 322 [JB]. 12 Nov, 1845 - Tentative; Balkan string and flute folk mx, 5 short + 1 long pips at 1900, heavy QRM from Scotland [JR]. 12 Nov, 1957 - Tentative; Balkan singing mixing w/ Scotland, possible news at 2000; poor [JF].
- 810 **SCOTLAND** *BBC R. Scotland* synchros, 3 Nov, 0420 - Variety [BD]. 12 Nov, 1845 - Noted with 20 minutes of promotional material from WOR (New York), Scotland weather at 1859 [JR]. 12 Nov, 1923-2003 - "Celtic Connections" with Celtic pop mx including one song from "4 Men and a Dog," promo for morning show "That's a Slice," "This is Radio Scotland"; very good [JF]. 13 Nov, 0822 - Nx about the British Labour Party; SIO 433 [JB].
- 810 **SPAIN** *R. Madrid*, Madrid, 4 Nov, 2110 [BD].
- 819 **POLAND** *Polskie R.*, Wola Raszowska, 4 Nov, 1926 - // 1206, 1305 [BD]. 16 Nov, 1749 - Noted // 1305 echo [JR].
- 819 **SPAIN** *R. Euskadi*, San Sebastián, 6 Nov, 0442 - In Basque [BD]. 13 Nov, 1957 - SS football/soccer; QRM from Egypt, SIO 322 [JB].
- 828 **NETHERLANDS** *Hitradio Veronica*, Rotterdam, 6 Nov, 0445 - Rock-rap [BD]. 9 Nov, 1910 - Excellent; "Hitradio" promo, announced songs by Go West, Janet Jackson, and Duran Duran [BC]. 13 Nov, 0205 - Paul Simon mx, "Veronica" SID; Jean thought they IDed differently, but that's what I heard [JR].
- 828 **SPAIN** *Onda Cero*, Barcelona, 3 Nov, 0420 [BD].
- 837 **ENGLAND** unID *BBC* stn, 14 Nov, 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. Bleue*, Nancy, 6 Nov, 1814 [BD]. 11 Nov, 1858 - W w/ "Radio France" ID and jazz pgm; SIO 455 [JB].
- 846 **IRELAND** *R. North*, 10 Nov, 0011 - Tentative; C&W mx, M anc 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, 3 Nov, 0420 [BD]. 10 Nov, 0014 - March mx, Italian talks; good [JF].
- 846 **RUSSIA** unID stn, 4 Nov, 0008 - Woman in Russian [BD].
- 855 **GERMANY** *DeutschlandRadio*, Berlin-Britz, 12 Nov, 0302 - GG news, // 177 [JR].

- 855 **ROMANIA** *R. România*, Bucuresti, 3 Nov, 2114 - // 1152 [BD]. 16 Nov, 1659 - IS, pips, W talk; SIO 242 [JB].
- 855 **SPAIN** *RNE1* synchros, 3 Nov, 0420 [BD]. 10 Nov, 0018 - Old Broadway-style duet mx, SS anmts; good [JF].
- 864 **FRANCE** *R. Bleue*, Paris, 6 Nov, 1814 [BD].
- 864 **SPAIN** *RNE1*, Socuèllamos, 3 Nov, 0530 [BD].
- 873 **GERMANY** *AFN*, Frankfurt, 4 Nov, 0010 - Patriots-Dolphins football [BD]. 10 Nov, 0022-0127 - Arizona State vs California college football, reports from the studio during breaks, US news and sports at halftime; fair [JF].
- 873 **HUNGARY** *Magyar R.*, Pecs, 10 Nov, 0202 - Hungarian talk over AFN; fair [JF].
- 873 **NORTHERN IRELAND** *BBC Northern Ireland*, Enniskillen, 4 Nov, 0016 - BBC nx, // 1341; QRM from AFN, SIO 322 [JB]. 16 Nov, 0517 - Program // 1341 [JR].
- 873 **RUSSIA** *R. Rossii* synchros, 13 Nov, 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, 3 Nov, 0425 [BD].
- 882 **ENGLAND** *BBC R. Wales*, Washford *et al.*, 3 Nov, 0425 - // 693, 909 at time [BD]. 12 Nov, 1932-2037 - "The Wrap" with modern rock mx and news items, break for a short newscast at 2000, and news items from the "Good Morning Wales" production team at 2024; good [JF]. 15 Nov, 2050 - Noted ID while digging for something else [JR].
- 900 **ITALY** *RAI Radiouno*, Milan, 3 Nov, 0425 [BD].
- 909 **ENGLAND** *BBC R. 5* synchros, 3 Nov, 0425 - // 693, 882 at time [BD]. 9 Nov, 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, 3 Nov, 2327-2331 - Interview, ID and telephone number; SIO 433 [BD/JB]. 9 Nov, 1940 - Good; symphony concert and "Radio Slovenija" IDs [BC]. 12 Nov, 1959 - 5 pips and 6th high pitch pip, then "Slovenski" ID, operatic vocal preceded this [JR].
- 918 **SPAIN** *R. Intercontinental*, Madrid, 3 Nov, 0425 [BD].
- 927 **BELGIUM** *BRTN*, Wolvertem, 3 Nov, 0430 [BD].
- 936 **GERMANY** *R. Bremen*, Bremen, 3 Nov, 0430 [BD]. 8 Nov, 2228 - Dean Martin song, GG ancr, soon faded under Spain; SIO 433 [JB]. 13 Nov, 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 Alemania," // 972 [JR]. 13 Nov, 2003 - SS pgm w/ nx, wx for Spain and Germany, "Panorama" pgm for "españoles en Alemania;" SIO 333 [JB]. 15 Nov, 0459 - In GG with Hewlett-Packard ad [JR].
- 936 **SPAIN** *RNE5* synchros, 3 Nov, 0430 [BD].
- 945 **ENGLAND** *South Coast R.*, Bexhill, 3 Nov, 2038 - "South Coast Radio" ID, British oldies, ad about winning £945 [NK]. 13 Nov, 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 a listener called Clyde made a feeble attempt to win the £1180 jackpot, // 1323; QRM from France, SIO 332 [DC/JB/JF/JR]. 16 Nov, 1850 - EE ancr w/ address, Beatles songs, ended 60's mx pgm at 1856; SIO 443 [JB].
- 945 **FRANCE** *R. France*, Toulouse, 7 Nov, 0200 - Woman in Serb/Croat; FF songs [BD].
- 954 **CZECH REP.** *Cesky Rozhlas*, Brno, 3 Nov, 1845 [BD].
- 954 **SPAIN** *R. España*, Madrid, 3 Nov, 0430 [BD]. 14 Nov, 0241 - Call-in show [JR].
- 963 **FINLAND** *R. Finland (YLE)*, Pori, 3 Nov, 2124-2128 - GG pgm: anmt of contest winner, ID and freqs; SIO 333 [BD/JB]. 8 Nov, 2330 - Good; jingle and very entertaining Finnish version of Glen Campbell's "Wichita Lineman" [BC]. 10 Nov, 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 Eurosat, "Compass North" about life in Finland; strong, yet missed in Oct/95 when high-latitude propagation was

- very poor by comparison [DC/JF]. 12 Nov, 0718 - Woman with news, then organ mx with male vocalist, // 6120; ID as "Yleisradio" at 0759 recheck, 5 short and one long pips [JR].
- 972 **GERMANY** *NDR*, Hamburg, 5 Nov, 2340 - Oldies and GG songs, GG anc; SIO 443 [BD/JB]. 13 Nov, 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 Alemania," // 936 [JR]. 16 Nov, 0508 - GG program, mention of Kiel and Hamburg [JR].
- 972 **UKRAINE** *Ukrayinsko R.*, Kopani, 4 Nov, 0145 - // 1377 w/ pop mx [BD]. 12 Nov, 1936-1954 - Various programs of talk in Ukrainian; fair w/ QRM from co-channel Spain [JF]. 13 Nov, 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 **GREECE** *Elleniki Radiophonia*, Megara, 4 Nov, 0045 - Greek mx, // 1386 [BD]. 4 Nov, 0056-0101 - Greek mx, nx; // 1386; SIO 433 [JB]. 11 Nov, 2100 - In a mess of stns, pips, "Elleniki Radiophonia" ID, "Era Sport" pgm in Greek w/ basketball; SIO 322 [JB/JF].
- 990 **GERMANY** *DeutschlandRadio*, Berlin, 3 Nov, 0430 [BD]. 8 Nov, 2220 - Faded up briefly w/ nx in GG; SIO 222 [JB].
- 990 **WALES** *BBC R. 5*, Tywyn, 3 Nov, 0440 [BD]. 8 Nov, 2216 - Interview of rugby player, news from the television soaps; QRM mainly from CBY, SIO 433 [JB]. 10 Nov, 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, 10 Nov, 1943-1947 - W in GG, // 177; much QRM from cochannel religious pgm (Moldova?), SIO 322 [JB].
- 999 **ITALY** *RAI Radiodue* synchos, 5 Nov, 2049 - // 1035, 1116 [BD].
- 999 **MOLDOVA/PRIDNESTROVYE** *VO Russia*, Maiac, 3 Nov, 1900 - Moscow news in EE [BD]. *BBC Relay*, 6 Nov, 2005-2013 - W reads nx in Slavic lang, "BBC" noted twice at ends of reports; SIO 433-2 [JB]. *VO Russia*, 7 Nov, 1815 - Good; "Voice of Russia" in English, // 6130 [BC]. *VO Russia*, 10 Nov, 1809-1906 - EE sports nx, ID "This is Russia" newsmag pgm; poor [JF]. *VO Russia*, 16 Nov, 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, 4 Nov, 0000 - COPE net [BD].
- 1008 **BELARUS** *Belaruskaje Radujo* synchos, 6 Nov, 1917 - Clas mx, best around 1924, // 1026; SIO 322 [JB/NK]. 10 Nov, 2140 - Mayak IS through unID Arabic speaker, seemingly not // Yemen on 9779.8, so maybe Egypt [DC].
- 1008 **NETHERLANDS** *NOS*, Flevo, 4 Nov, 1909 - unID Oriental language [BD]. 6 Nov, 1917 - Dutch religious pgm; SIO 433 [JB].
- 1017 **ENGLAND** *WABC*, Shrewsbury, 7 Nov, 1747 - Advert for connecting to cable TV, "WABC" ID, then into pop mx; o/u Germany [NK].
- 1017 **GERMANY** *SWF*, Mainz/Wolfsheim, 5 Nov, 2345 - Jazz // 972 [BD]. 14 Nov, 0200 - World news, // 666 [JR].
- 1026 **BELARUS** *Belaruskaje Radujo* synchos, 6 Nov, 1927 - Tchaikovsky mx, //1008; SIO 222 [JB/NK].
- 1026 **CHANNEL IS.** *BBC R. Jersey*, 3 Nov, 0500 [BD]. 6 Nov, 1929 - Wx for Channel Islands - nasty weather! SIO 222 [JB].
- 1026 **ENGLAND** *BBC R. Cambridgeshire*, Cambridge, 8 Nov, 2200 - News, "BBC East" mention after weather; o/ Spain; this runs 500 watts! [NK].
- 1026 **NORTHERN IRELAND** *Downtown R.*, Belfast, 3 Nov, 0445 [BD].
- 1026 **SPAIN** *SER* stations, 3 Nov, 0440 [BD].
- 1035 **ENGLAND** *RTL Country 1035*, London, 3 Nov, 0448 [BD]. 8 Nov, 2110 - "Country 10-35 AM" ID in a mess; SIO 322 [JB]. 12 Nov, 2013 - C&W mx; poor [JF]. 13 Nov, 2038 - Noted with new "RTL" slogan, more pop than country now [JR].

- 1035 **ESTONIA** *Eesti R.*, Tallinn, 8 Nov, 2112-2127 - Pretty boring talk in Estonian over the Brits, waves-and-seagulls sound effects at 2124; SIO 322 [JB]. 12 Nov, 2006 - Light jazz and vocals after news, possible mention of “Vikeradio” and “eesti mxa,” pips at 2045, “Vikeradio” perhaps heard at 2059, followed by 4 short and one long pips [JF/JR].
- 1035 **ITALY** *RAI Radiodue* synchros, 3 Nov, 0442 [BD]. 4 Nov, 2040 - Guess Who’s “American Woman” and other pop/rock hits, // 846, over Portugal [BC]. 16 Nov, 0447 - Noted with strong test tone, sign-on announcements at 0455 [JR].
- 1035 **SCOTLAND** *North Sound R.*, Aberdeen, 8 Nov, 2134-2138 - “North Sound Two” ID, Scottish-accented Aberdeen ads, into pop mx; excellent peak atop Italy, Estonia, others [NK].
- 1044 **GERMANY** *MDR-Info*, Dresden, 3 Nov, 0505 - // 531, 783, 1188 [BD].
- 1044 **GREECE** *Elliniki Radiophonia Macedonia I*, Thessaloniki, 11 Nov, 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-Aioun*, 3 Nov, 0442 [BD].
- 1044 **SPAIN** *R. San Sebastián*, San Sebastián, 3 Nov, 0442 [BD]. 9 Nov, 1920 - Good; local ID into “Cadena SER, Carosel Deportiva” network program [BC]. 10 Nov, 2227 - Station hype w/ many IDs; SIO 444 [JB]. 11 Nov, 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, 3 Nov, 0442 [BD]. 12 Nov, 0001 - News given by man & woman; very strong, as on // 1089. (Trying without success for AIR Tuticorin-1053 which would have been // 4990) [DC]. 12 Nov, 0303 - ID and phone number; fair [JF].
- 1053 **ROMANIA** *R. România*, Iasi, 4 Nov, 1858 - // 855, 1152 [BD]. 16 Nov, 1700 - IS, ID pips, woman with news, // 1152, 1179, 11790 [JR].
- 1062 **DENMARK** *Danmarks R.*, Kalundborg, 3 Nov, 0442 [BD]. 12 Nov, 0732-0757 - Morning exercise show, // 263 longwave, pop mx “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, 2 Nov, 2259 - S/off w/ ID, freq anmt, ticks/tones; SIO 333 [JB]. 7 Nov, 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 1995, and noted that the Sardinian stations often did not carry programs // to the mainland network stations [BD]. 15 Nov, 2248 - Jazz program, // 657, 1332, 1575, 6060 [JR].
- 1071 **ENGLAND** *Talkradio UK* synchros, 6 Nov, 1800 [BD]. 10 Nov, 0046 - Faded up briefly w/ EE chat, // 1089; SIO 222 [JB]. 12 Nov, 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.*, 3 Nov, 0520 - Fair; pop mx, // 162, 1161, & 1350 [BC/BD]. 9 Nov, 0043 - FF wx for France; SIO 333 [JB].
- 1071 **SLOVAKIA** *Slovensky Rozhlas*, Presov, 16 Nov, 0128 - Piano Muzak, at 0130 M in Slovak w/ ID: “Slovensko Eren,” // 1098; SIO 242 [JB/JR].
- 1071 **SPAIN** *Euskadi Irratia*, Bilbao, 3 Nov, 0442 [BD].
- 1080 **POLAND** *Polskie R.*, Koszecin, 3 Nov, 0510 - // 1206, 1260, 1305 [BD]. 11 Nov, 2237 - Mx program, woman singing in Polish with piano, // 1206, 1305, 1368 [JR].
- 1080 **SPAIN** *SER* stations, 3 Nov, 0442 [BD]. 16 Nov, 0437 - At least two SER stations here, with clear echo [JR].
- 1089 **ALBANIA** *RTV Shqiptar*, Durrës, 3 Nov, 0442 - Islamic mx [BD]. 7 Nov, 2115 - Mx, // 6100, mostly under England (and the SW parallel was well under Germany, so a difficult catch either way) [BC].
- 1089 **ENGLAND** *TalkRadio UK* synchros, 3 Nov, 0442 [BD]. 6 Nov, 1018 - Audible w/ EE talk, must be a completely daylight path at this time; SIO 232 [JB]. 9 Nov, 1040-1300 - Daytime DX; better than S6 up to 1100 UTC, carrier noted as late as 1300 [NK]. 12 Nov, 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. Rossii*, Tbilisskoye, 6 Nov, 1835 - Tentative, Mid East Mx // 1170 (?) [BD]. 13 Nov, 0252 - RR barda mx, // 873, 5815; SIO 343 [JB/JF/JR].
- 1098 **SLOVAKIA** *Slovensky Rozhlas*, Nitra, 3 Nov, 0442 [BD]. 14 Nov, 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, 14 Nov, 0159 - Time pips, ID and news; fair, QRMing Slovakia [JF].
- 1107 **ENGLAND** *TalkRadio UK* synchros, 14 Nov, 0230 - Sponsor-a-child PSA, // 1089, 1053 [JR]. 15 Nov, 2200, 2300 - IDs in a mess at both times, // 1089, 1053; SIO 222 [JB/JR].
- 1107 **GERMANY** *AFN* synchros, 4 Nov, 0015 - Patriots-Dolphins football [BD]. 8 Nov, 1800 - Fair; AP news, // 873, 1143 [BC]. 9 Nov, 2052 - US football over Spain & Brits; SIO 322 [JB].
- 1107 **SCOTLAND** *Moray Firth R.*, Inverness, 15 Nov, 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, 15 Nov, 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, 3 Nov, 0442 [BD].
- 1107 **UNID** 15 Nov, 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].
- 1116 **CHANNEL IS.** *BBC R. Guernsey*, 4 Nov, 0019 - Tentative [BD]. 11 Nov, 0749 - Sports rpt w/ Holyfield-Tyson fight then "local sports" w/ Guernsey items; generally under Derby, SIO 222 [JB]. 12 Nov, 2100 - Up over RAI w/ nx feed for eastern Britain; SIO 333 [DC/JB]. 16 Nov, 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*, 3 Nov, 0001 - Telephone number in Derby, jingle ID, local nx, lottery numbers; over Spain, SIO 433 [JB]. 3 Nov, 0445 [BD]. 8 Nov, 2133-2207 - Interview of Oxfam worker, nx at 2200; "Derbyshire" and "Derby" references; SIO 322 [JB]. 9 Nov, 0819 - Pgm promo, local anmts w/ Derby tel numbers, road cx; SIO 333 [JB]. 11 Nov, 0800 - Jingle ID, nx w/ many local items; SIO 333-2 [JB]. 14 Nov, 2308-0005 - Gordon Aspley phone-in show, one call from Nottingham, ancr mentioned "Radio 4," BBC news at 0000; presume this is Derby since it is close to Nottingham [JF]. 16 Nov, 0107 - BBC news, two distinct stations with pronounced echo, so one of them was Derby and other Guernsey [JR].
- 1116 **ITALY** *RAI Radiodue* synchros, 3 Nov, 0447 [BD]. 5 Nov, 1910 - Good; Roy Orbison's "Pretty Woman" and Radiodue ID, // 846 [BC]. 8 Nov, 2135-2207 - Mainly rock and "combat reggae" mx, M ancr in Italian; SIO 422 [JB]. 12 Nov, 2058 - Mx by The Who, Italian ancr; SIO 333 [JB].
- 1116 **NETHERLANDS** *R. Kerk van Bloemendaal*, Bloemendaal, 17 Nov, 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, 8 Nov, 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].
- 1125 **BELGIUM** *RTBF*, La Louvière, 6 Nov, 1900 - FF [BD].
- 1125 **CROATIA** *Hrvatski R.*, Deanovec, 3 Nov, 0211 - European pop tunes back-to-back, // massive 1134; SIO 343 [JB]. 10 Nov, 2208 - Pop mx, // 1134, 5895; poor-fair [JF]. 15 Nov, 1923 - Program // 1134 [JR].
- 1125 **SPAIN** *RNE5* stations, 3 Nov, 0447 [BD]. 13 Nov, 2045 - Spanish news, // 531; fair [JF].
- 1134 **CROATIA** *Hrvatski R.*, Zadar, 3 Nov, 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 **RUSSIA** *Radiostantsiya Mayak*, Murmansk & Saransk, 11 Nov, 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, 4 Nov, 0015 - Patriots-Dolphins football [BD]. 8 Nov, 1750 - Good; PSAs on bacteria infection and hearing loss, end of C&W mx program, AP news, then urban

contemporary mx; 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]. 8 Nov, 1759 - C&W mx, pgm promo, TC for Central Europe, ID, nx; SIO 332 [JB]. 13 Nov, 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, 4 Nov, 2050 - Tentative; man in Russian? [BD]. 13 Nov, 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]. 15 Nov, 0425-0440 - RR talk, mx, "Mayak" ID at 0434, IS twice at 0440; over AFN, SIO 433-2 [JB/JR].
- 1143 **SPAIN** *COPE* stations, 3 Nov, 0447 [BD].
- 1152 **ENGLAND** *Amber R.*, Norwich, 15 Nov, 2355 - Ad for soccer, "Catch Norwich fever...kick-off 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, 3 Nov, 0450 [BD].
- 1152 **ENGLAND** *Piccadilly Gold*, Manchester, 15 Nov, 2354 - "Piccadilly 11-52 Dog Show" announcement in mess [JR].
- 1152 **ROMANIA** *R. România*, Cluj, 3 Nov, 2114 - // 855 [BD]. 7 Nov, 2155 - Piano instrumental, // 855, good over Spain [BC]. 14 Nov, 2133 - EZL mx "Just The Way You Are," // 855, 1053, 756; good [JF]. 16 Nov, 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, 14 Nov, 0329 - Tentative ID, Bill Crossman is the DJ [JR]. 14 Nov, 2329-0005 - Old EZL mx such as Sinatra with "High Hopes," Coke ad sponsoring a sporting event, news and weather at 0000; poor-fair [JF]. 16 Nov, 0002 - Nx by Scottish-accented W: return of the Stone of Scone; SIO 222 [JB]. 16 Nov, 1802 - Noted with "Clyde 2 Radio News," football scores, Beatles mx [JR].
- 1152 **SPAIN** *RNE5* stations, 3 Nov, 0447 [BD].
- 1161 **ENGLAND** *Brunel Classic Gold*, Swindon, 8 Nov, 0412 - "Classic Gold" ID, then into Frankie Valli song; atop other Brit & rumble of carriers [NK].
- 1161 **FRANCE** *France-Inter*, Strasbourg, 5 Nov, 1855 [BD]. 15 Nov, 0408 - FF rock mx // 162, 1071; fair [JF].
- 1161 **SCOTLAND** *R. Tay*, Dundee, 15 Nov, 0200-0206 - EE news read by woman w/ Scottish accent, station promo, EZL pop mx; poor [JF]. 16 Nov, 1641 - Tentative; live report from game involving Aberdeen and Dundee [JR].
- 1161 **SPAIN** *Euskadi Irratia*, San Sebastián, 3 Nov, 0450 [BD].
- 1169.97 **SLOVENIA** *R. Capodistria*, Beli Kriz, 8 Nov, 1834-1850 - Pop mx, faded up over the QRM a number of times w/ talk and nx, best around 1844; SIO 332 [JB/NK]. 11 Nov, 1948 - Mx box tune sounding like an IS, then woman w/ apparent economic news; fair, mixing with UK local radio outlet, probably Great North Radio [DC]. 16 Nov, 1809 - Program of rock mx, ID, slightly on low side of frequency [JR].
- 1170 **ENGLAND** *Great North R.*, Stockton, 6 Nov, 2000 - Good; "GNR" ID and jingle into news [BC]. 8 Nov, 1837 - Old pop mx, telephone answered w/ "GNR," caller requested Foreigner but could not name any tune; SIO 322 [JB]. 16 Nov, 2213-2224 - Messy freq, contest promo for "GNR," jingle and Beatles song at 2224; SIO 222 [JB].
- 1170 **RUSSIA** *VO Russia*, Tbilisskoye, 6 Nov, 1835-1900 - // 5925, AA mx & talk, IS at 1900; mixed w/ UK & Portugal [BD/NK]. 8 Nov, 1835 - AA talk; faded up briefly over Brits and R. Capodistria, SIO 322 [JB]. 16 Nov, 1820 - AA mx, // 5925, 7295 (definitely not Israel's "D" pgm); SIO 221 [JB/JR]. 16 Nov, 2159 - IS through the QRM [JB].
- 1170 **WALES** *Swansea Sound*, Winsh-Wen, 3 Nov, 0458 [BD]. 16 Nov, 1957 - ID in pile-up! [JR].
- 1179 **ROMANIA** *R. România*, Galbeni-Bacau, 16 Nov, 1700 - IS, ID pips, woman with news, // 1053, 1152, 11790 [JR].

- 1179 **SWEDEN** *Swedish R.*, Sölvesborg, 3 Nov, 0459 [BD]. 9 Nov, 2056 - EE talk about immigrants returning from the US; SIO 544 [JB]. 12 Nov, 2030 - IS, EE ID and newsmagazine program "60 Degrees North;" very good [JF].
- 1188 **BELGIUM** *BRTN*, Kuurne, 16 Nov, 0100 - Six long pips, ID, M w/ nx in Flemish; SIO 222 [JB/JR].
- 1188 **GERMANY** *MDR-Info*, Reichenbach, 3 Nov, 0504 - GG weather & news, // 531, 783, 1044; well u/ Hungary; only 5 kW! [BD/NK].
- 1188 **HUNGARY** *Magyar R.*, Szolnok & Szombathely, 4 Nov, 2040 - // 1251 [BD].
- 1197 **BELARUS** *Belaruskaje Radyjo* synchros, 7 Nov, 1915-1918 - // 1008 & 1026, clas violin mx; Virgin R. phased to leave this in mix w/ Spain & AFN Germany [NK].
- 1197 **ENGLAND** *Virgin R.* synchros, 3 Nov, 0501 [BD]. 8 Nov, 1850 - "Total Gas" ad, jingle ID, rock mx; SIO 444 [JB]. 10 Nov, 0303 - Mx "Legs" by ZZ Top, // 1215, which had much better signal; poor [JF]. 11 Nov, 0300 - Sequence of double time pips, then Virgin news highlights; fair, // strong 1215 [DC].
- 1197 **GERMANY** *VOA Europe*, Munich, 16 Nov, 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 **SPAIN** *Euskadi Irratia*, Vitória, 3 Nov, 0501 [BD].
- 1206 **FRANCE** *R. Bleue*, Bordeaux, 6 Nov, 1814 [BD].
- 1206 **POLAND** *Polskie R.*, 3 sites, 3 Nov, 0510 - // 1080, 1260, 1305 [BD]. 11 Nov, 2236 - Old show tunes, woman singing in Polish with piano, // 1080, 1305, 1368; all freqs fair [JF/JR].
- 1215 **ENGLAND** *Virgin R.* synchros, 3 Nov, 0510 [BD]. 9 Nov, 1130-1150 - Daytime DX; still audible just before transmitter-site noon [NK].
- 1224 **BULGARIA** *R. Bulgaria*, Vidin, 8 Nov, 0424-0426 - // 5890 & 7230, MoR EE song, woman in Bulgarian w/ "Bulgarie" mention; signal good, o/u Holland [NK]. 12 Nov, 1935 - Mx and ID, clear // 5860, 5890 [JR]. 12 Nov, 1945-2002 - Pop mx 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 **NETHERLANDS** *Hitradio Veronica*, IJsselmeer, 6 Nov, 1645 - pop [BD]. 9 Nov, 2017 - "The Party Place" and "Hitradio" mentions in otherwise Dutch language promos, pop mx, good with what was assumed to be Bulgaria fading in [BC].
- 1224 **SPAIN** *COPE* stations, 3 Nov, 0510 [BD].
- 1233 **CZECH REP.** *R. Free Europe/Czech R.* synchros, 3 Nov, 1900 [BD]. 3 Nov, 2205 - Good; news in Czech, "Radio Svobodna Europa" ID [BC]. 10 Nov, 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]. 16 Nov, 1927 - Program // 1287 Slovakia [JR].
- 1233 **ENGLAND** *Virgin R.* 2 synchros, 16 Nov, 1927 - Low-powered transmitters // 1215 [JR].
- 1242 **ENGLAND** *Virgin R.* synchros, 3 Nov, 0510 [BD].
- 1242 **FRANCE** *R. Bleue*, Marseille, 7 Nov, 0110 - Pop mx, no announcements, // 1404 [BD].
- 1242 **UKRAINE** *Ukrayinsko R.* synchros, 5 Nov, 0242 - // 1377 [BD]. 13 Nov, 1900 - Noted in // to 1371.1 and 1377 [JR].
- 1251 **HUNGARY** *Magyar R.*, Marcali & Nyíregyháza, 3 Nov, 0505 - Mx // 1188 [NK]. 4 Nov, 2040 - // 1188 [BD]. 5 Nov, 2200 - "Don't Cry for Me Argentina" then Hungarian nx headlines; SIO 444 [JB]. 14 Nov, 0329 - Hungarian talk and news // 1188; good [JF].
- 1251 **PORTUGAL** *R. Renascença* synchros, 5 Nov, 1936 - PP mx, then PP talk rose o/ Libya & others [NK].
- 1259 **AZORES** *RDP*, Faial, 3 Nov, 0515 [BD]. 13 Nov, 1925 - Mostly just carrier but bits of audio, tentatively // 837 and 648 (under BBC), clas mx to single pip at 1930, then talk by man; also 1952 with female vocal [DC].
- 1260 **ENGLAND** *Brunel Classic Gold*, Bristol, 3 Nov, 2059-2102 - In a mess of British stations w/ ad, ID: "Classic Gold -- Bristol, Bath and surrounding areas;" SIO 222 [JB]. 7 Nov, 1811 - Local weather, oldies; u/ Poland [NK].

- 1260 **ENGLAND** unID stn, 15 Nov, 0809 - Pop mx 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, 7 Nov, 1812-1814 - // 1197 & 1215, mx, bits of traffic report; through Poland & Bristol [NK].
- 1260 **POLAND** *Polskie R.*, Szczecin, 3 Nov, 0510 - // 1080, 1206, 1305 [BD]. 3 Nov, 0521 - Snatches of pop mx, // 1206, 1305; way under WEZE, SIO 221 [JB]. 7 Nov, 1811 - // 1206 & 1305, man in Polish atop Bristol, UK [NK].
- 1260 **SPAIN** *SER* stations, 3 Nov, 0515 [BD].
- 1269 **GERMANY** *Deutschlandfunk*, Neumünster & Mainflingen, 3 Nov, 0515 [BD]. 13 Nov, 0116 - Clas mx program, male DJ, // 153, 1269, 1422 [JR]. 16 Nov, 1730 - GG nx, no sign of Kuwait; SIO 333 [JB].
- 1269 **SPAIN** *COPE* stations, 3 Nov, 0515 [BD].
- 1278 **IRELAND** *RTE R. 2*, Dublin & Cork, 3 Nov, 0515 [BD]. 9 Nov, 0002 - Nx about Zaire; SIO 444 [JB]. 12 Nov, 1902-1923 - English news, pop, jazz and dance mx, ID at 1915 as "The Hotline with Tony ---- on 2-FM;" // strong 612, poor [DC/JF].
- 1278 **UKRAINE** *Ukrayinsko R.*, Petrivska & Sevastopol, 5 Nov, approx 2020 - Tentative; Slavic talk mention Ukraine; u/ Ireland, helped by using phasing [NK].
- 1287 **CZECH REP.** *R. Free Europe*, Melnik & Litomyšl, 3 Nov, 2040 - In Slovak [BD]. 3 Nov, 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 **SLOVAKIA** *R. Free Europe*, Velké Kostolany, 15 Nov, 1846 - News in Slovak, ID at 1859 [JR].
- 1287 **SPAIN** *SER* stations, 3 Nov, 0515 [BD].
- 1296 **ENGLAND** *BBC*, Orfordness, 6 Nov, 1646 - GG pgm, discussing US elections; SIO 242 [JB]. 6 Nov, 1840 - GG at the time [BD].
- 1296 **ENGLAND** *R. XL*, Birmingham, 3 Nov, 0453 - Indian film mx, M ancr in Hindi or Punjabi; SIO 444 [JB]. 3 Nov, 0519 - Hindi mx [BD]. 7 Nov, 1800 - Fair; "This is Radio XL" ID and news, "Radio XL Weather Check," Hindi mx [BC]. 11 Nov, 1859 - Indian mx, EE ID, nx, back to Indian mx at 1903; SIO 333 [JB]. 13 Nov, 0710 - East Indian mx, English TC for "11 minutes past 7," ID, but fading out; fair [JF]. 15 Nov, 0611 - "Radio XL," then back to Indian mx [JR].
- 1305 **POLAND** *Polskie R.*, Boguchwala, Sowlany & Tuszyn, 3 Nov, 0510 - // 1080, 1206, 1260 [BD]. 11 Nov, 2237 - Mx 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 16 Nov at 1749 [JR].
- 1305 **RUSSIA** *R. Vozrozhdeniye*, Moscow, 10 Nov, 0250-0302<sup>+</sup> - 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, 3 Nov, 0520 [BD]. 10 Nov, 0249 - Instr mx, SS anmts; fair [JF].
- 1314 **NORWAY** *NRK*, Kvitsøy, 3 Nov, 0520 [BD]. 3 Nov, 1030 [BD]. 5 Nov, 1642 - NN talk here at S7 to S8 when we got back from lunch (1.12 p.m. local time) [NK]. 6 Nov, 1630 - Excellent; news in Norwegian about Clinton re-election [BC]. 7 Nov, 1445 - Talk in Norwegian with S-4 signal at 11:15 am NF local time, this could be heard practically all day [BC]. 8 Nov, 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]. 9 Nov, 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]. 12 Nov, 1509 - Daytime TA throughout the week [JR].
- 1323 **ENGLAND** *South Coast R.*, Southwick, 3 Nov, 0530 [BD]. 13 Nov, 1937 - Pop mx, // 945; poor [DC/JF].
- 1323 **GERMANY** *VO Russia*, Wachenbrunn, 5 Nov, 1744 - Sermon in GG [BD]. 13 Nov, 1859 - VO Russia IS, GG news and features; fair [JF/JR].
- 1332 **ENGLAND** *BBC Wiltshire Sound*, Larock, 16 Nov, 0342 - BBC program, only this 300-watt outlet listed [JR].

- 1332 **ITALY** *RAI Radiouno* sychros, 3 Nov, 0520 [BD]. 15 Nov, 2248 - Jazz program, // 657, 1062, 1575, 6060 [JR].
- 1341 **HUNGARY** *Magyar R.*, Lakihegy, 3 Nov, 0505 - Mx // 1188; u/ BBC N. Ireland [NK]. 14 Nov, 0330 - Under BBC with female vocals, // 1188, 1251 [JR].
- 1341 **NORTHERN IRELAND** *BBC Northern Ireland*, Lisnagarvey, 3 Nov, 0520 [BD]. 13 Nov, 2058-2203 - Interview w/ columnist from Belfast Telegraph, time pips, ID and news at 2100, rock mx program to 2200, more news and jazz at 2203; fair [JF].
- 1350 **FRANCE** *France-Inter*, Nice & Nancy, 3 Nov, 0520 - // 1071 [BD].
- 1350 **HUNGARY** *Magyar R.*, 3 small transmitters, 11 Nov, 1909 - Two men in Hungarian w/ jazz pgm, // 1251, 1341; under France and Latvia, SIO 222 [JB].
- 1350 **LATVIA** *Latvijas R.*, Cesvaine & Kuldiga, 7 Nov, 1833-1840 - // 576 & 1422, woman in Latvian, then soft piano mx [NK]. 11 Nov, 1911-1916 - Tentative; talk in a northern European lang, pop mx but gone by 1320; fair [JF].
- 1359 **ENGLAND** *Breeze AM*, Chelmsford, 16 Nov, 1851 - When Breeze AM on 1431 mentioned 1359, I tuned here and there it was [JR].
- 1359 **SPAIN** *RNE1*, Arganda, 3 Nov, 0530 [BD].
- 1365.76 **UKRAINE** *Ukrayinsko R.*, unknown site, 8 Nov, 1950 - Distorted signal / growl, has been heard previously [NK]. 9 Nov, 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** unID *BBC* stn, 15 Nov, 0030 - "BBC" ID during news program [JR].
- 1368 **ISLE OF MAN** *Manx R.*, Foxdale, 3 Nov, 2153 - Sermon [BD]. 5 Nov, 1820 - Good; Labour Party/political discussion, later clas mx into news at 1900 with "This is Manx Radio" ID [BC]. 15 Nov, 1757 - Ad for Allied Manx Bank [JR].
- 1368 **POLAND** *Polskie R.*, Kraków, 7 Nov, 1820 - // 1305, 1206 *et al.*, Polish talk o/u Manx R. [NK]. 11 Nov, 2237 - Mx 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, 13 Nov, 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, 3 Nov, 0542 [BD]. 6 Nov, 1724 - Light rock, song about "Radio Bleue;" SIO 444 [JB]. 7 Nov, 0334 (mx before sign-on) [BD].
- 1377 **UKRAINE** *Ukrayinsko R.* sychros, 4 Nov, 0145 - Pop mx, // 972 [BD]. 13 Nov, 1900 - Very weak but // 1371.1 [JR]. 13 Nov, 1907 - Jazz mx, // 1242; fair [JF].
- 1386 **GREECE** *Elleniki Radiophonia*, Athens, 4 Nov, 0045 - Greek mx // 981 [BD]. 13 Nov, 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 **RUSSIA/KALININGRAD** *VO Russia*, Bolshakovo, 3 Nov, 2235 - EE [BD]. 5 Nov, 2258 - Excellent; Voice of Russia World Service in English, IS, and off [BC]. 8 Nov, 1828 - GG pgm, mx bridge, "Hier ist Moskva;" QRMed by a jammer probably intended to block the Iranian, SIO 444 [JB]. 10 Nov, 2000 - EE news, "New Market" discussing delay in IMF's monthly investment; good w/ Guinea QRM [JF]. 12 Nov, 2100 - World Svc news by woman in English; strong (faint TOH pips behind it might have been Kenya) [DC]. 12 Nov, 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].
- 1395 **NETHERLANDS** *JazzRadio*, Lopik, 3 Nov, 2230 - Jazz [BD]. 4 Nov, 0155 - ID slogan in EE "JazzRadio, Ready, Willing, and Able;" huge signal [NK]. 8 Nov, 1637 - Daytime reception, James Brown song; SIO 253 [JB]. 11 Nov, 0232-0310 - Jazz mx, "Get Your Mojo Working," Aretha Franklin, canned ID "This is JazzRadio with awakenings;" good [JF]. 13 Nov, 0200 Stevie Wonder mx, ID [JR].
- 1395.05 **ALBANIA** *VOA Relay*, Durrës, 3 Nov, 0545 - ID, W talk possibly in Serbian; site from the VOA schedule, but WRTH says Fllakë, SIO 343 [JB]. 5 Nov, 2032 - In Hungarian [BD]. *Trans World R.*, 5

- Nov, 2059 - Excellent w/ "Trans-World Radio" ID [BC]. *Trans World R.*, 13 Nov, 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, 7 Nov, 0110 - // 1242, Pop mx w/ no announcements [BD].
- 1413 **SERBIA/YUGOSLAVIA** *R. Pristina*, Pristina, 3 Nov, 0545 [BD].
- 1413 **SPAIN** *RNE5* synchros, 12 Nov, 2000 - 5+1 pips, ID by woman, then news by man; strong with BBC Oman audible in the background [DC].
- 1422 **GERMANY** *DeutschlandRadio*, Heusweiler, 3 Nov, 0545 [BD]. 13 Nov, 0116 - Clas mx program, male DJ, // 153, 756, 1269 [JR].
- 1422 **LATVIA** *Latvijas R.*, Valmiera & Rezekne, 7 Nov, 1833-1840 - // 576 & 1350, woman in Latvian, then soft piano mx; o/u Germany [NK]. 7 Nov, 2000 - Latvia nx by woman [NK].
- 1422 **ROMANIA** *R. România*, Olanesti, 7 Nov, 2008 - // 1152, piano mx; u/ Germany & Latvia; power is 7 kW [NK].
- 1431 **ENGLAND** *Breeze AM*, Southend, 15 Nov, 1740 - Carpet ad, phone number, traffic, ID [JR]. 16 Nov, 1851 - ID, weather in Los Angeles (to make people feel bad), Ray Charles mx, // 1359 [JR].
- 1431 **UKRAINE** *Ukrayinsko R.*, Kopani, 4 Nov, 2218 [BD]. 8 Nov, 0359 - Huge open carrier, then IS // 1476 & 1476.47 at 0359; woman in Ukrainian at 0400 [NK]. 16 Nov, 1858 - Orchestral mx continued across the hour // 1449 [JR].
- 1440 **LUXEMBOURG** *R. Nederland Relay*, Marnach, 4 Nov, 1752 [BD]. 6 Nov, 1642 - Two men in Dutch discussing Israeli politics; SIO 253 [JB]. 8 Nov, 1638 - Dutch politics; SIO 254 [JB]. 13 Nov, 2144 - Heard with EE "Newslines" program [JR]. 13 Nov, 2250-2332\* - English "Newslines" program, GG ID at 2330, orchestral anthem then silence; good [JF].
- 1449 **ITALY** *RAI Radiodue*, Squinzano *et al.*, 3 Nov, 0545 [BD]. 6 Nov, 1733 - Italian talk; SIO 333 [JB].
- 1449 **SCOTLAND** *BBC R. 4*, Redmoss, 15 Nov, 1950 - W and M in EE, // 198, but soon faded under RAI; SIO 222 [JB].
- 1449 **UKRAINE** *Ukrayinsko R.*, Chernivtsi, 16 Nov, 1858 - Orchestral mx continued across the hour, // 1431 [JR].
- 1458 **ENGLAND** *Lite AM*, Manchester, 10 Nov, 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]. 12 Nov, 0343 - Playing "Crazy for You," male DJ between songs; fair [DC]. 14 Nov, 0233 - Reference to "mxal trip around the world" and ID between songs at 0236; another Brit, possibly a BBC local, audible in the background [DC]. 15 Nov, 0020-0112 - EZL mx by Peggy Lee, Eagles, Phil Collins, Neil Young, time pips, news at 0100, ID as "One great song after another, 1458, Lite AM;" fair w/QRM from Sunrise R. [JF]. 15 Nov, 0109 - Heard in UK mess with this ID [JR]. 15 Nov, 0200 - Pips, "14-58 Lite AM" ID, Independent Radio News, wx, jingle, mx from 0202; SIO 333-2 [JB].
- 1458 **ENGLAND** London (?), 3 Nov, 0545 - Pop mx & talk [BD].
- 1458 **ENGLAND** *Sunrise R.*, London, 10 Nov, 1924 - Presumed this w/ W in Urdu/Hindi; SIO 222 [JB]. 15 Nov, 0055 - Presumed; East Indian mx; fair [JF].
- 1458.03 **ALBANIA** *R. Tirana*, Fllakë, 5 Nov, 1855 - SW frequencies and Tirana ID in Albanian, over UK stations [BC]. 8 Nov, 1933 - Faded up over the mess of Brits w/ EE, ID; SIO 422 [JB].
- 1467 **FRANCE** *TWR*, Roumoules, 4 Nov, 1822 - EE news [BD]. 4 Nov, 2300 - Excellent; beginning of English service of Trans World Radio [BC]. 8 Nov, 1930 - GG pgm; SIO 422 [JB]. 11 Nov, 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, 8 Nov, 1927 - VO Russia pgm in EE under Monaco's IS, ID and "News in Brief" at 1930; SIO 322 [JB]. 15 Nov, 1804 - "This news is coming to you from the Voice of Russia World Service" [JR].

- 1476 **ENGLAND** *County Sound*, Guildford, 4 Nov, 0055 - Good; "This is County Sound G-O-L-D with the greatest hits of all time!" [BC]. 4 Nov, 1835 - EE talk mention of "County Sound" [BD/NK]. 7 Nov, 1908 - ID "The new County Sound"; u/ UAE & Azerbaijan [NK]. 8 Nov, 0356 - "County Sound Radio" ID; fair [NK]. 12 Nov, 0330 - Promo for the oldies mx format of this station; fair [DC]. 16 Nov, 2228 - ID as "Country Sound in the North," Stevie Wonder's "Isn't She Lovely" [JR].
- 1476 **UKRAINE** *Ukrayinsko R.*, unknown site, 8 Nov, 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** 8 Nov, 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 mx at 0340 & low growl now present [NK].
- 1476.47 **UKRAINE** *Ukrayinsko R.*, unknown site, 8 Nov, 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, 14 Nov, 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, 3 Nov, 0553 [BD]. 6 Nov, 1738 - Local anmts, ID; SIO 343 [JB]. 12 Nov, 0319 - Promotional anmt, briefly over low-power SER synchros [DC]. 15 Nov, 0629 - "95.9 Humberside" ID and local traffic report [JR].
- 1485 **ENGLAND** *BBC R. Merseyside*, Wallasey, 3 Nov, 0555 [BD]. 14 Nov, 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, 3 Nov, 0552 [BD]. 13 Nov, 1858 - Spanish pops, time pips and Spanish news; fair-good [JF].
- 1494 **FRANCE** *R. Bleue* synchros, 3 Nov, 0600 [BD].
- 1494 **RUSSIA** *VO Russia*, Krasnyy Bor, 6 Nov, 1740 - Romanian, then into Finnish at 1800 UTC [BD]. 6 Nov, 1741-1752 - Increasing in strength w/ W in possible Romanian, disco mx; SIO 342 [JB]. 12 Nov, 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].
- 1503 **AZORES** *AFN*, Lajes, 3 Nov, 2056 - US football; SIO 333 [JB]. 4 Nov, 0010 - Good; New England Patriots vs. Miami Dolphins NFL game in English, // 873 [BC]. 5 Nov, 0017 [BD]. 10 Nov, 2010 - Green Bay vs Kansas City football, // 873 AFN Europe, really enjoyed this catch as it was only 100 watts; poor [JF]. 10 Nov, 2105 - NFL football; very good over RNE5 synchros [DC]. 12 Nov, 1907 - Jazz mx // 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, 15 Nov, 1800 - Traffic reports, ID [JR].
- 1503 **SPAIN** *RNE5* stations, 3 Nov, 0600 [BD].
- 1512 **BELGIUM** *R. Vlaanderen Inter.*, Wolveterm, 3 Nov, 0600 [BD]. 7 Nov, 1900 - Good; "Brussels Calling" in English [BC]. 8 Nov, 1944 - Sad FF song; SIO 544 [JB]. 12 Nov, 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].
- 1521 **ENGLAND** *Fame 1521*, Reigate, 3 Nov, 0600 [BD]. 11 Nov, 0212 - "Oldies all the time on 1521," then pop song; good [DC]. 13 Nov, 2359 - Best amongst others but no sign of hoped-for China Radio Int'l via Urumqi opening at 2400 [DC]. 15 Nov, 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 **NORTHERN IRELAND** *Radio 1521*, Craigavon, 5 Nov, 0025 [BD]. 8 Nov, 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 **SLOVAKIA** *BBC Relay*, Cizatice (?), 7 Nov, 1900 & 1931 - "BBC World Service" ID, US oldies; mixed w/ Saudi Arabia & apparent Mercury R. [NK]. 7 Nov, 1950 - BBC World Service in English,

then “BBC Slovensky” ID and news in Slovak, strong signal over Saudi Arabia [BC]. 8 Nov, 1800 - IS, pips, talk mentioned BBC; under Saudi Arabia, SIO 222 [JB/NK]. 8 Nov, 1900 - BBC WS in EE comes up over R. 1521 and the Saudi; SIO 433 [JB]. 12 Nov, 1901 - BBC WS news under strong Saudi signal [JR].

- 1530 **ENGLAND** *Great Yorkshire Gold*, Huddersfield, 3 Nov, 0514 - ID heard through Vaticana; SIO 322 [JB]. 8 Nov, 1940 - Soccer coverage, mentioned Huddersfield and Old Trafford stadium, ad for Orion Homes; mainly under Vaticana, SIO 322 [JB]. 11 Nov, 2103 - Contest promo included ID; SIO 322 [JB]. 15 Nov, 0645 - Call-in program, with ID [JR].
- 1530 **ENGLAND** *R. Wyvern*, Worcester, 15 Nov, 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, this and BBC R. Essex are the only others listed [JR].
- 1530 **UKRAINE** *Ukrayinsko R.*, Vinnystya, 5 Nov, 1848 - Somewhat Oriental vocals [BD]. 8 Nov, 2014 - M & W in Ukrainian, // 1593; SIO 222 [JB/NK].
- 1530 **VATICAN** *R. Vaticana*, Vatican City, 3 Nov, 0605 [BD]. 11 Nov, 2108 - Woman in English; IS at 2109, dominant on Euro Beverage, whereas VOA São Tomé concurrently dominant on Brazil Beverage [DC]. 12 Nov, 2352-0045 - IDs in Italian, FF and EE “This is Radio Vatican, keeping you company through the night,” soft chamber mx w/ Italian anmts after each song; good w/ São Tomé QRM [JF].
- 1539 **GERMANY** *Mainflingen*, 3 Nov, 0603 - Religious mx [BD].
- 1539 **RUSSIA** *R. Liberty*, Moscow, 6 Nov, 1758 - Mx, “Govorit Radio Swoboda” at 1800; SIO 344 [BD/JB/NK].
- 1548 **ENGLAND** *BBC R. Bristol*, Mangotsfield, 3 Nov, 0604 - News [BD]. 14 Nov, 0119-0140 - “Newsdesk” // 882, 810 and other stations relaying World Service overnight, “Outlook” at 0130; poor [JF]. 15 Nov, 0730 - Slogan, traffic report [JR].
- 1548 **ENGLAND** *Capital Gold*, London, 3 Nov, 0605 - Pop [BD].
- 1548 **SCOTLAND** *Max AM*, Edinburgh, 5 Nov, 2059 - “Max AM Weather” jingle, Scottish-accented W w/ wx; SIO 322 [JB]. 6 Nov, 1715 - Fair; “Max AM” ID into Bruce Springsteen song [BC]. NOV 6 2025 - Jingle, Rolling Stones song; SIO 322 [JB]. 7 Nov, 1750 - “1548 Max AM” jingle over the other UK “Gold” stations [BC]. 15 Nov, 1731 - News headlines, weather, and slogan [JR].
- 1557 **ENGLAND** *BBC R. Lancashire*, Oxcliffe, 13 Nov, 1959 - Promo mentioning “103.9 FM,” woman with news at 2000; mixing with at least one other UK station [DC]. 15 Nov, 0623 - ID as “BBC Lancashire,” then mx by Michael Jackson [JR].
- 1557 **FRANCE** *R. Bleue*, Nice, 3 Nov, 0605 [BD]. 6 Nov, 2225 - Light mx, FF chat; SIO 444 [JB]. 7 Nov, 0110 (// 1242 pre sign-on) [BD].
- 1557 **LITHUANIA** *Lietuvos Radijas*, Vilnius, 5 Nov, 1804 [BD].
- 1566 **BELARUS** *Radiostantsiya Mayak* sychros, 3 Nov, 2300 - Pips, “Moskva” ID, W w/ nx; over R. Eviva and others, SIO 332 [JB].
- 1566 **SWITZERLAND** *R. Eviva*, Sarnen, 3 Nov, 0605 - Alpine mx [BD]. 12 Nov, 0201 - Noted tonight and throughout the week with accordion/folk/bluegrass mx [JR]. 12 Nov, 0220-0302 - EZL Swiss folk mx with no anmts, ID at 0300, orch fanfare; good [JF].
- 1575 **ITALY** *RAI Radiouno* sychros, 3 Nov, 0606 [BD]. 13 Nov, 2218-2230 - W singing accompanied by piano, // 6060, no sign of VOA Thailand; SIO 322 [DC/JB]. 15 Nov, 2248 - Jazz program, // 657, 1062, 1332, 6060 [JR].
- 1575 **SPAIN** *R. Cordoba*, Cordoba, 2 Nov, 2306 - “Radio Cordoba, Cadena SER,” ads, talk about soccer; SIO 444 [JB].
- 1575 **SPAIN** *SER & OCR* stations, 3 Nov, 0605 [BD].
- 1584 **ENGLAND** *BBC R. Nottingham*, Clipstone, 8 Nov, 2033 - Tentative; Indian film mx up briefly, seems more likely than London Turkish R.; (thanks to Joseph Kirlew, Dave Kenny, Risto Kotalampi and Glenn Ludlow for feedback on this log) SIO 222 [JB].
- 1584 **SCOTLAND** *R. Tay*, Perth, 8 Nov, 2025 - Ads, pgm promo, “Radio Tay AM” jingle; SIO 232 [JB].
- 1584 **SPAIN** *SER* stations, 3 Nov, 0608 [BD]. 15 Nov, 1959 - “Cadena SER” ID, two pips at the hour [JR].

- 1584 **UNITED KINGDOM** 2 stations, 3 Nov, 0610 [BD].
- 1593 **GERMANY** *R. Free Europe*, Holzkirchen, 3 Nov, 0610 [BD]. 8 Nov, 1959 - Woman in possibly Serbian w/ ID, mixing w/ many stns; SIO 322 [JB]. 16 Nov, 1930 - Talk, then Phil Collins mx [JR].
- 1593 **UKRAINE** *Ukrayinsko R.*, unknown site, 8 Nov, 2000, 2015 - Ukrainian talk poking through occasionally, // 1530; SIO 222 [JB]. 8 Nov, 2059-2100 - // 1530, talk by woman mention "Ukrainsky Radio;" through RFE German & probable Moldova (gypsy singing) [NK].
- 1593 **UNID** 8 Nov, 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, 7 Nov, 1936-1938, 1947-1948, 2008, 2013-2017 - // 1422, clas (mostly piano) mx, talk mention Latvia; under the two Spaniards; this is running just 200 watts!! [NK]
- 1602 **SPAIN** *R. Vitória/Gasteiz Irratia*, Vitória, 5 Nov, 1727 - Basque [BD]. 8 Nov, 2103 - Nx, ID; over SER stn(s); SIO 422 [JB]. 13 Nov, 2000 - Pips, IDs as both "Radio Vitória" and "Radio Euskadi," nx; QRM from SER stn(s); SIO 422 [JB].
- 1602 **SPAIN** *SER* synchronos, 3 Nov, 0615 [BD]. 12 Nov, 0310 - Playing "Let It Be" as heard // on stronger 1287; fair under *R. Vitória* [DC].
- 1611 **VATICAN** *R. Vaticana*, 3 Nov, 1845 [BD]. 8 Nov, 2018 - Woman in Finnish over recorder mx; UTE QRM, SIO 433 [JB].
- 1634.01 **GREECE/PIRATE** unID stn, 13 Nov, 2042 - Apparent Greek talk and mx, jumping around this frequency [JR].
- 1634.17 **PIRATE/GREECE?** unID stn, 11 Nov, 2304 - Very good signal with flute mx, 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*, 12 Nov, \*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*, 12 Nov, 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, 12 Nov, \*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** unID stn, 15 Nov, 2330 - Netherlands likely; drinking mx [JR].
- 1636.07 **GREECE/PIRATE** unID stn, 11 Nov, 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, 8 Nov, 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, 15 Nov, 2335-2350 - Very weak, some Dutch words by deep-voiced male came through, accordion mx; SIO 131 [JB].
- 1636.40 **NETHERLANDS/PIRATE** unID stn, 15 Nov, 2330 - Dutch talk, IDs?, strange sound effects, yelling; SIO 252-1 [JB].

### North America and Caribbean

- 530 **TURKS & CAICOS IS.** *R. Visión Cristiana*, Southern Caicos, 9 Nov, 1017 - Still blasting in at this late time w/ SS Biblical program [NK].
- 535 **GRENADA** *GBC*, St. George's, 12 Nov, 0037-0214 - EZL pop mx and gospel mx, ID as "GBC Radio," BBC's "Newsdesk" at 0200, station promo at 0211; fair [JF].

- 555 **ST. KITTS & NEVIS** *R. ZIZ*, Basseterre, St. Kitts, 12 Nov, 0245-0255 - EE news and reggae mx; good [JF]. 12 Nov, 0346 - Caribbean vocal, then Elton John song at 0358 and strong peak across 0400 with comments by male DJ in accented English [DC].
- 570 **CUBA** *R. Reloj*, unknown site, 8 Nov, 2355 - Good; man and woman with news, time checks, and "RR" code IDs [BC].
- 570 **GREENLAND** *KNR*, Nuuk, 9 Nov, 2326 - W in Greenlandic lang poking through briefly, // 720; SIO 222-1 [JF/JB]. 13 Nov, 0818 - Talk by man in Danish, poor to fair but definite // much stronger 720 [DC/JR].
- 580 **PUERTO RICO** *R. Reloj (WKAQ)*, San Juan, 4 Nov, 0400 - "WKAQ Radio Reloj" IDs, SS news; good w/ CJFX phased [NK]. 17 Nov, 0943 - "Radio Reloj," SS ads; SIO 322 [JB].
- 595 **DOMINICA** *Dominica Broadcasting Corp.*, Hillsborough, 15 Nov, 0214-0302\* - EZL pops such as Céline Dion & Whitney Houston, devotional at 0257, ancr said that they would be back on at 5 am, AM/FM freqs, address, phone numbers and anthem; poor [JB/JF]. 17 Nov, 0131 - "DBS" ID during mx break, through tough VOXM QRM [JR]. 17 Nov, 0151 - Rock/calypso mx, faded down very quickly; SIO 232 [JB].
- 620 **ANTIGUA** *Antigua & Barbuda BS*, St. John's, 9 Nov, 0505 - Good; BBC World Service "Newsday," // 5975 [BC].
- 640 **GADELOUPE** *RFO*, Pointe-à-Pitre, 4 Nov, 0122 - FF talk; u/ CBN [NK]. 6 Nov, 0208 - FF nx, // St. Pierre 1375.02; under St. John's local stn CBN, SIO 322 [JB]. 11 Nov, 0819-0909 - FF pgm about movies with talks about cinema and colorization and numerous selections of jazz and movie mx, ads, time pips at 0900, news, all // 1070; fair w/ QRM from co-channel CBN [JF/JR]. 12 Nov, 0519 - France-Inter mx program of guitar mx, // 1375.02, good peaks over local CBN with R. Netherlands overnight segment [DC]. 13 Nov, 0125 - French talk and easily dominant over CBN using Brazil beverage [DC]. 14 Nov, 0728 - Jazz instrumental to good peak; couldn't establish // with 1420 [DC].
- 650 **GREENLAND** *KNR*, Qeqertarsuaq, 13 Nov, 0818 - The weakest of the parallel stations heard at this time with a man speaking [JR]. 13 Nov, 0834 - M w/ Danish talk, // 720; under domestics including CKGA, SIO 222-1 [DC/JB].
- 660 **ST. LUCIA** *R. St. Lucia*, Castries, 5 Nov, 2355 [BD]. 14 Nov, 0221-0304\* - Old C&W mx including Kitty Wells, ads, ID "This is Radio St. Lucia, it is now time for God," scripture reading at 0300, s/off anmt and anthem; fair w/ QRM from WFAN [JF].
- 672 **CANADA** *CKXB*, Musgravetown NF, 5 Nov, 1915 - Off-frequency and transmitting wide-band buzz on 670, this also heard in NH and MA [BC].
- 720 **GREENLAND** *KNR*, Simiutaq, 9 Nov, 0806 - Danish interviews over/under CHTN; SIO 322 [JB]. 9 Nov, 0950 - Man & woman in Danish; u/ CHTN [NK]. 9 Nov, 2325 - W in Greenlandic lang o/u Portugal and CHTN, // 570 Nuuk; SIO 322 [DC/JB/JF/NK]. 11 Nov, \*0932-0948 - Celeste IS, time pips at 0933 (obviously a few minutes behind today!), choir, news at 0935, theme from "The Sting" at 0945, fading by 0948; poor [JF]. 11 Nov, 2310 - Dialogue by 2 men, I think in Danish; briefly dominant over CHTN w/ good signal [DC]. 12 Nov, 2345 - Man in Danish to very nice peak over CHTN and Porto; poor but again // on 570 [DC/JR]. 13 Nov, 0818 - Man speaking in Danish or Greenlandic, parallels found on 570, 650, 810 as well! [JR]. 13 Nov, 0830 - Dialogue and laughter by two men in Danish; very solid signal, enabling establishment of // signals on 3 of the 4 lower-power 5 kW outlets. (Next day, same time, a new Paraguayan was dominating 720!) [DC]. 17 Nov, 0225 - IDs in Greenlandic, Danish and EE: "I listen to Greenland Radio, KNR," then pop mx; SIO 444 [JB]. 17 Nov, 0359 - Four long pips (with long spaces in between), then news (mention of "Nuuk"), then reggae mx [JR].
- 730 **TRINIDAD & TOBAGO** *R. Trinidad*, Port of Spain, 9 Nov, 0410 - Good; BBC World Service in English, // 5975 [BC]. 15 Nov, 0331-0358 - Presumed this w/ Caribbean-accented M up briefly over R. Cardinal and CKAC w/ religious talk about marriage and the family; SIO 222 [JB/JF/JR].
- 760 **CUBA** *R. Reloj*, Las Mercedes & Guanabacoa, 9 Nov, 1016 - Nx in SS, code and IDs; SIO 222 [JB].
- 780 **BRITISH VIRGIN IS.** *Virgin Islands Broadcasting (ZBVI)*, Roadtown, Tortola, 9 Nov, 0140-0200 - Rhythmic Caribbean mx, then "God Save the Queen" at 0200 closing; CFDR was 'phased to death'

- leaving this mixed w/ R. Coro, Ecos del Torbes, Brazilians, & WBBM [NK]. 14 Nov, 2205 - BBC news [JR]. 14 Nov, 2234, 2300-2313 - Caribbean-accented ancr at 2234, BBC WS nx at 2300, at 2309: "...received through the facilities of, and as a courtesy of, Cable and Wireless, West Indies Ltd.," jingle ID: "Don't bury your thoughts, put your dreams to reality, \_\_\_ and the people, working together to make the Caribbean a better place to be," then promo from sales dept of stn, ID: "ZBVI 780 AM, the AM advantage," but lost to a Venezuelan at 2313; the major irritant, CFDR, was reduced by phasing, SIO 333 [JB].
- 789.80 **BARBADOS** *VO Barbados*, Bridgetown, 7 Nov, 0405 - M w/ W phone caller, Caribbean accents; SIO 332 [JB]. 12 Nov, 0350 - Island vocal with a good signal; slight 790 het from weaker unID SS station [DC]. 12 Nov, \*0903-0924 - Anthem, s/on anmt and morning devotional, program preview at 0907, gospel mx w/ no anmts; good [JF]. 13 Nov, 0402 - Message for a listener, lower than Mitre 790 [JR].
- 800 **NETHERLANDS ANTILLES** *TWR (PJB)*, Bonaire, 7 Nov, 0023 - Religious talk; St. John's local VOWR almost removed by tuning the antenna termination, SIO 444 [JB].
- 810 **GREENLAND** *KNR*, Upernavik, 13 Nov, 0822 - Danish talk, // 720; under BBC R. Scotland on the European Beverages, SIO 222 [DC/JB/JR].
- 830 **ST. KITTS & NEVIS** *Trinity Broadcasting*, Charlestown, Nevis, 12 Nov, 0410 - Religious pgm in progress; good over domestic with football [DC]. 13 Nov, 0536 - EE talk about Biblical Turkey -- which may invite some comment! SIO 444 [JB]. 15 Nov, 0938-0950 - Woman with birthday greetings to listeners in St. Kitts, gospel mx, and mx requests; good [JF].
- 840 **HAITI** *R. 4VEH (4VEF)*, Cap-Haïtien, 14 Nov, 0958 - Opening over others with slow trumpet theme and bells to the tune of "Amazing Grace," s/on by man in French, then mx sounding like an anthem; good initially but faded down fast with HJKK coming back to dominate the channel by 1005 [DC/JR].
- 840 **ST. LUCIA** *R. Caribbean International*, Castries, 3 Nov, 2308-2311 - BBC WS nx, FF Creole and mx at 2309; over R. Bandeirantes, SIO 333 [JB]. 5 Nov, 2300 - EE talk mentioned "BBC for Caribbean;" o/u 2 Brazilians [NK]. 7 Nov, 0049 - Religion in EE [BD]. 11 Nov, 0852-0925 - Reggae mx, BBC news at 0900, "Good Morning" jingle, ID "This is R. Caribbean International, the Caribbean Sound," mx pgm; good [JF]. 12 Nov, 0942 - Mx dedication to listener in Trinidad [JR]. 12 Nov, 0946 - TC as "14 minutes before 6 in the morning" and promo for "The Caribbean Sound" coming up in ten minutes; very good [DC].
- 859.97 **NETHERLANDS ANTILLES** *R. Curom (PJZ86)*, Willemstad, Curaçao, 11 Nov, 0947-0957 - Dominant at this time, still present but essentially unreadable for 15 min afterwards: woman in Papiamento w/ talk including some nx, song by children at 0954, "Curom" jingle then wx at 1002; SIO 333. (Papiamento is quite a bit like SS. I listened to the tape a number of times wondering why I could understand almost nothing until I realized it wasn't SS!) [JB].
- 860 **CUBA** *R. Reloj*, unknown site (Arroyo Arenas?), 6 Nov, 2230 - Poor; minute beeps and "RR" code IDs heard under CBN-Brazil [BC]. 9 Nov, 0928 - Nx and ID every minute; SIO 222 [JB]. 11 Nov, 0952, 1004 - Nx and IDs readable as cochannel stns faded down; SIO 222 [JB]. 12 Nov, 0844 - News and code IDs [JR]. 15 Nov, 0819-0840 - SS talk w/ clock ticks in the background, time checks with some morse code on the minute; fair [JF]. 17 Nov, 1018 - Code ID heard [JR].
- 860 **DOMINICAN REP.** *R. Clarín (HILR)*, Santo Domingo, 11 Nov, 1008-1012 - SS w/ nx, a number of fairly clear IDs sounded like "Radio Minfomando;" QRM building from CJBC and R. Reloj, SIO 332 [JB]. 15 Nov, 0946-0958 - Latin mx, ancr with mention of Santo Domingo during informandos, ads; fair [JF].
- 870 **PUERTO RICO** *R. Voz (WQBS)*, San Juan, 7 Nov, 0105 - Poor to fair; talk about Dominican Republic, and 0220 "programa de jovenes de Puerto Rico" [BC].
- 880 **MONTSERRAT** *R. Montserrat*, Plymouth, 12 Nov, 0944 - Tentative; gospel mx but fading under WCBS; poor [JF].
- 895 **ST. KITTS & NEVIS** *VO Nevis*, Bath Village, Nevis, 3 Nov, 2335 - Anmt about local road work; SIO 242 [JB]. 6 Nov, 0005 [BD]. 12 Nov, 0116 - Noted with soca mx program [JR].

- 900 **BARBADOS** *Caribbean Broadcasting Corp.*, Bridgetown, 17 Nov, 0925 - EE church service, happened to notice // 789.78; SIO 333 [JB].
- 1020 **TURKS & CAICOS IS.** *Caribbean Christian R.*, Grand Turk, 12 Nov, 0111 - VOA "Report to the Caribbean," (this pgm via CCR has since been confirmed by Mark Connelly) [JR]. 12 Nov, 0212 - Presumed w/ EE preacher; good [JF].
- 1040 **DOMINICAN REP.** *R. Central (HION)*, Santo Domingo, 11 Nov, 0936-0946 - SS Dominican national nx, UTC-4 TCs, ads, promo for phone-in show, at 0945 ID as "HION Radio Central;" fades under an unID SS religious stn, SIO 433 [JB]. 13 Nov, 0931 - News story about earthquake in Peru, mention of "Radio TV Dominicana," two men trading off on 'dateline-type' news items; now listed as R. Cadena Noticias, heard "Radio Cadena" partial ID [JR]. 14 Nov, 0911 - News and clear ID; excellent signal [DC].
- 1040 **PUERTO RICO** *WZNA*, Moca, 6 Nov, 0050 - Mentions of "Aguada" and "Puerto Rico" in ad string, over/under R. Capital [BC].
- 1060 **UNID** 13 Nov, 1025-1035 - Piano instrumental, meditational style, no announcements heard, not sure if Cuba, Mexico or domestic (I heard the Mexican here with a continuous mx program similar to this from Rochester subsequently, although closer to 0800; they were really bombing in over KYW) [JR].
- 1090 **CANADA** *CBNG*, Glovertown NF, 6 Nov, 1010 - 40-watt LPRT w/ sports nx, // CBG 1400 but not CBN 640; SIO 322 [JB].
- 1160 **ANTIGUA** *Caribbean R. Lighthouse*, St. John's, 15 Nov, 0045 - Instrumental version of "We Gather Together," ID: "This is the Caribbean Lighthouse broadcasting from Antigua," TC, then clas mx pgm; much SS and PP QRM, SIO 322 [JB/JR].
- 1160 **BERMUDA** *VSB3*, Hamilton, 9 Nov, 0846 - BBC WS pgm w/ biologist talking about collecting birds in New Guinea; SIO 444 [JB]. 15 Nov, 0040-0150 - BBC World Service relay, with "Press Review," "Newsdesk" at 0100 and "Outlook" at 0130; poor [JF].
- 1160 **PUERTO RICO** *Super Borinquén (WBQN)*, Barceloneta, 6 Nov, 2220 - Fair; "en Super Borinquén" ID, salsa and romantic vocals [BC]. 9 Nov, 0058 - "...la música \_\_\_ frontera a travez [de] Super Borinquén," TC, mx; SIO 332 [JB].
- 1180 **CUBA** *R. Rebelde (CMBT)*, Villa Maria, 17 Nov, 0935 - Romantic mx, "Rebelde" ID; SIO 333 [JB].
- 1180 **DOMINICAN REP.** *R. Mil (HIBE)*, Santo Domingo, 13 Nov, 0951 - One of the final signals to propagate at dawn, ID as "Radio Mil Romando" [JR]. 14 Nov, 0923 - SS talk and island mx, ID per Renfrew; excellent signal [DC].
- 1190 **PUERTO RICO** *WBMJ*, San Juan, 17 Nov, 0026-0100 - EE religious phone-in pgm, solid "WBMJ" IDs at 0058 and 0059; QRM from R. América and WOWO, SIO 322 [JB/JR].
- 1230 **USA** *WESX*, Salem MA, 15 Nov, 0313 - Ads for a computer store at "132 Boston Street in Salem" and "A&E Services in Salem;" SIO 232 [JB]. 16 Nov, 1217 - ID [JR].
- 1310 **MARTINIQUE** *RFO*, Fort de France, 9 Nov, 0901-0916 - Nx and reports, then sports in French FF (i.e., not Canadian FF), surprisingly not // St. Pierre 1375 (unlike Guadeloupe 640 and French Guiana 1070); SIO 242 [JB]. 14 Nov, 0440-0505 - France-Inter pgm w/ "Blue Moon," and song by Roy Orbison, no news on the hour, parallel to 1375.02 St. Pierre; poor to fair peaks, o/u unID Brazilian [DC/JF/JR].
- 1320 **PUERTO RICO** *NotiUno (WUNO)*, San Juan, 9 Nov, 0130 - Man and woman w/ news items in SS, 2303 NotiUno promo; poor w/ at least two other unID LA stations, CKEC nulled by phasing [BC].
- 1350 **PUERTO RICO** *R. La Wega (WEGA)*, Vega Baja, 8 Nov, 0140 - Sporting event in SS, Puerto Rico ads w/ phone numbers, mentions of "panaria," "zapataria;" atop PP station w/ CKAD phased [NK].
- 1375.02 **ST. PIERRE & MIQUELON** *RFO*, St. Pierre, 9 Nov, 0920 - Almost-local stn seemed slightly off-frequency; cooking pgm and silly FF song; SIO 555 [JB]. 12 Nov, 0705 - France-Inter programme // excellent signal from RFO Cayenne on 5054.9; St. Pierre was consistently slightly high of nominal 1375 [DC]. 13 Nov, 0505 - France-Inter pgm // 640; good [JF].
- 1400 **GRENADA** *Harbour Light of the Windwards*, Carriacou, 5 Nov, 0112 - Religious pgm, Carib-EE time check; to excellent peak w/ CBG wasted by Byan remote termination adjustment; a Brazilian was noted

- way under [BD/NK]. 7 Nov, 0052 - Prayer by M w/ Caribbean accent; SIO 232 [JB]. 14 Nov, 2212 - Religious program [JR].
- 1480 **PUERTO RICO** *Sonido 1480 (WMDD)*, Fajardo, 15 Nov, 0103 - Salsa, “Doble D” ID [JR].
- 1505 **ANGUILLA** *R. Anguilla*, The Valley, 7 Nov, 2215 - Noted in passing with soca mx and a good signal [BC].
- 1510 **USA** *WNRB*, Boston MA, 4 Nov, 0140 - Excellent; Greek-American program “every Sunday night 8 to 10” [BC].
- 1530 **USA** *WDJZ*, Bridgeport CT, 16 Nov, 1248 - PP programs [JR].
- 1540 **BAHAMAS** *R. Bahamas (ZNSI)*, Nassau, 13 Nov, 0507 - Ad w/ lively reggae, “Dance of the Sugarplum Fairies” on steel drums, bits of Caribbean-accented talk; under WDCD, SIO 322 [JB]. 13 Nov, 0522-0538 - Caribbean rhythms, OM DJ talking about Sarah Ferguson’s US book tour, ID; poor, mixing with dominant WDCD [DC/JF].
- 1550 **CANADA** *CBAF2*, Weymouth NS, 16 Nov, 1308 - R. Canada (FF) sports and talk; 40-watt LPRT; SIO 252 [JB].
- 1570 **CANADA** *CKMW*, Winkler MB, 12 Nov, 1004 - A surprise, rock, Broadcast News [JR].
- 1580 **USA** *WSRF*, Ft. Lauderdale FL, 14 Nov, 1007 - “WINZ” news relay [JR].
- 1600 **DOMINICAN REP.** *R. Revelación (HIEG)*, Santo Domingo, 6 Nov, 2230 - Tentative; religion [BD].
- 1600 **PUERTO RICO** *R. Luz (WLUZ)*, Bayamón, 6 Nov, 2229-2232 - Banco del Pueblo and la Discoteca del Recuerdo ads, ID: “Radio Luz, WLUZ, Bayamón;” SIO 333 [JB]. 14 Nov, 2250 - Call letters, ad for grocery store in Mayaguez [JR]. 17 Nov, 0215 - Tentative; baseball; SIO 333 [JB].
- 1610 **ANGUILLA** *Caribbean Beacon*, The Valley, 6 Nov, 0155 [BD]. 9 Nov, 0857 - Organ jazz, 800 number, seemed // to the signal under CBF on 690; lots of QRN, SIO 453 [JB]. 13 Nov, 0730 - EE preacher [JR]. 15 Nov, 0147-0400 - EE religious pgm and religious mx; good [JF].
- 1630 **USA** *KXBT*, Vallejo CA, 9 Nov, 1029 - Presumed this w/ soul mx, ridiculously weak! SIO 252-1 [JB/NK]. 12 Nov, 0805 - Tentative; goldies [JR].

### South America

- 550 **VENEZUELA** *Mundial (YVKE)*, Caracas, 9 Nov, 0430 - Good; assumed to be horse racing info with “Superfecta” mentions, “Mundial” jingles and IDs [BC]. 9 Nov, 0828-0834 - Pop mx, “YVKE” IDs, mixing w/ another unID SS stn, perhaps Cuban, SIO 222 [JB]. 12 Nov, 0838 - Lively LA dance mx, ID and lots of phone numbers; very good [JF]. 13 Nov, 0638 - Playing “La Macarena” with another unID SS station behind it; fair-good [DC]. 13 Nov, 0838 - “Radio Mundial” jingle, ads, mx, “Esta es ‘La Música de la Patria’ por YVKE, Mundial;” SIO 322 [JB].
- 560 **BRAZIL** *R. Paulista AM (ZYK761)*, São Paulo, 3 Nov, 2356 - PP ballad, “Rádio Paulista” ID; excellent w/ CHVO phased [NK]. 4 Nov, 0334 [BD].
- 560 **GUYANA** *VO Guyana*, Georgetown, 17 Nov, 0851 - Likely this w/ Indian mx under CHVO; SIO 322 [JB].
- 570 **BRAZIL** *R. Difusora (ZYK672)*, Taubaté, 12 Nov, 0640 - Vocal by man, difficult thru QRM, but almost certain // 4925 [DC].
- 600 **BRAZIL** *R. Gaúcha (ZYK278)*, Porto Alegre, 3 Nov, 2340 - “Rádio Gaúcha” ID; SIO 333 [JB].
- 600 **SURINAME** *R. Paramaribo*, Paramaribo, 3 Nov, 2338-0002 - Indian mx, pips at 0000; much QRM from Brazil and Venezuela, SIO 322-1 [JB/NK]. 6 Nov, 0049 - Woman in Dutch and Hindi-sounding language; SIO 322 [JB].
- 600 **VENEZUELA** *R. Sucre (YVQB)*, Cumaná, 4 Nov, 0010 - Disco/dance mx, “Radio Sucre” ID; SIO 333 [JB]. 6 Nov, 0049 - “Mundial Sucre” ID, mixing w/ Suriname; SIO 322 [JB].
- 610 **BRAZIL** *R. Itatiaia (ZYL268)*, Belo Horizonte, 13 Nov, 0746 - Noted in // to 5970 with something like cajun mx, mentions of Mato Grosso [JR].

- 620 **BRAZIL** *R. Assunção Cearense (ZYH590)*, Fortaleza, 5 Nov, 0259 - "Fortaleza" mentions, male PP anc; atop phase-nulled CKCM & another station (Antigua ?) w/ EE mx [NK].
- 650 **BRAZIL** unID stn, 7 Nov, 0029-0035 - Clas mx, excited PP anc; mixing w/ other PP, SS, & CKGA [NK].
- 650 **COLOMBIA** *RCN Antena 2 (HJKH)*, Bogotá, 7 Nov, 0027-0105 - Soccer play-by-play; SIO 232 [JB]. 15 Nov, 0352 - Soccer play-by-play (again); SIO 433 [JB].
- 660 **VENEZUELA** *R. Anaco (YVQR)*, Anaco, 14 Nov, 2357 - Clear ID heard before the hour, faded back under St. Lucia [JR].
- 670 **SURINAME** *RADIKA*, Paramaribo, 8 Nov, 0745-0900 - Hindi mx and announcements, good signal until R. Rumbos signed on at 0900 (this same station was heard in the same timeframe in August while DXpeditioning in Maine) [BC]. 16 Nov, 2248-0001 - Indian mx stn, W anc; SIO 322 [JB/JR]. 17 Nov, 0852-0912 - M and W anc; in Indian lang, mentioned names, street addresses and areas of specialization of many doctors in Paramaribo, some short interviews in Dutch, Indian mx and ads, anmt w/ address on Keizerstraat in Paramaribo; SIO 343 [JB/JR]. (We thank Mr. Leonard Johanns of Paramaribo for identifying this station.)
- 670 **UNID** 14 Nov, 0823 - Heard 2 repetitions of the Deutsche Welle interval signal at this time, hard to tell if this was the PP or SS station on frequency; in one brief moment of silence, one of the stations seemed to ID as "Radio Pacheco" [JR].
- 670 **VENEZUELA** *R. Rumbos (YVLL)*, Caracas, 6 Nov, 0334 - Romantic songs, chimes, lottery numbers, ID, TC; SIO 444 [JB]. 6 Nov, 0352 - S/off in SS and EE including address for reception reports, anthem; SIO 444 [BC/BD/JB/NK]. 8 Nov, 0900 - Sign-on with anthem [BC]. 12 Nov, 0927 - "Radio Rumbos, la emisora de Venezuela" [JR].
- 680 **VENEZUELA** *R. Continente (YVQR)*, Cumaná, 6 Nov, 0337-0341 - Presumed; promo for "gran concierto de navidad" and a "programa evangélico," mentioned Puerto La Cruz a number of times; SIO 433 [JB]. 8 Nov, 0903 - Good; sign-on with anthem [BC].
- 690 **BRAZIL** *R. Clube do Pará (ZYI532)*, Belém, 6 Nov, 0221 - // 4885, PP talk, "Rádio Clube de Para" ID; occasionally getting through a mix w/ Fortaleza, CBF, & Anguilla [NK]. 6 Nov, 0259 - PP ads, ID, // 4885; over/under CBF, SIO 332-1 [JB/NK]. 13 Nov, 0800 - Accordion, then flute mx, // 4885 [JR]. 13 Nov, 0812 - Promo anmts, // 4885; fair over possible R. Sarandí [DC]. 15 Nov, 0227 - ID then soccer; SIO 332 [JB].
- 690 **BRAZIL** *R. Dragão do Mar (ZYH587)*, Fortaleza, 4 Nov, 2100 - PP talk, "Fortaleza" mentions; good [NK].
- 690 **COLOMBIA** *R. Recuerdo (HJCZ)*, Bogotá, 17 Nov, 0922 - Rustic mx, UTC-5 TC, ID; SIO 333 [JB].
- 690 **URUGUAY** *R. Sarandí (CX8)*, Montevideo, 13 Nov, 0805 - Ad string including "Banco Tri-- del Uruguay;" swallowed by accordion mx from R. Clube do Pará, SIO 232 [JB/JR].
- 700 **BRAZIL** *R. Nova Eldorado AM (ZYK686)*, São Paulo, 9 Nov, 0415 - "Eldorado AM" ID & São Paulo mentions, dominant on the Brazil Beverage and over Colombia on the "track" Beverage [BC]. 11 Nov, 0302 - PP talks and ads; poor [JF]. 15 Nov, 0403 - PP promo for pgm from New York, ID: "Aquí Eldorado, aquí música," saxophone mx; deep fades, SIO 432 [JB].
- 700 **VENEZUELA** *R. Sur (YVPQ)*, Puerto Ordaz, 8 Nov, 0910 - Good; "Esta es Radio Sur, sietecientos AM con la mejor de la música" [BC].
- 720 **PARAGUAY** *R. Pata'i-Puki*, 25 Leguas, 14 Nov, 0830 - Happened to tape the ID as I was passing by this frequency, "Radio Pa'i Puku ... en el corazón del Chaco, Paraguay," then two men talking; then two men talking; not shown in the 1996 WRTH, but listed at 25 kW in new 1997 WRTH (hearing 2 new ones from Paraguay was a definite highlight for me - DC) [DC/JR]. 17 Nov, 0812-0822 - Man in slow SS, clear, well-articulated ID that sounded more like "Pai-Puku" to me, at 0813 instrumental mx; some QRM from CHTN, SIO 333 [JB].
- 720 **VENEZUELA** *R. Oriente (YVQE)*, Porlamar, 11 Nov, 0138 - Latin dance mx, ID as "Radio Oriente, Nacional de Venezuela;" fair [JF]. 15 Nov, 0241 - SS phone-in pgm; SIO 332 [JB].

- 730 **PARAGUAY** *R. Cardinal AM (ZP7)*, Asunción, 13 Nov, 0517, 0530, 0538-0608, 0704 - At 0517 SS talk about some event “con la participación de artistas del Oriente;” W w/ poss. nx at 0530; ID, address and jingle at 0538, mx, local anmts, UTC-3 TCs, ads; at peaks SIO 233 [JB/JR]. 13 Nov, 0537 - Talk by man with mention of Paraguay, ID mention of “Cardinal” at 0538, then full ID, concluding with “República del Paraguay,” long vocal to 0545, then further talks by two different announcers across 0600 to UTC-3 TC at 0604, followed by ads and good morning greetings; very solid peaks, some fairly brief but deep fades (I wonder if it was running 50 kW daytime or 5 kW nighttime power?) [DC]. 15 Nov, 0255 - “Cardinal” shouts heard twice; “rap” promo heard at 0338 [JR]. 15 Nov, 0321-0341 - Slow SS talk over “Lara’s Theme,” talk about electoral code, some ads, ID at 0340; SIO 322 [JB/JF]. 17 Nov, 0414 - With strong signal, clear ID [JR]. 17 Nov, 0804-0812 - Fabulous reception, w/ lots of IDs and jingles, local anmts, phone reports; SIO 444 [JB].
- 740 **VENEZUELA** *R. Caroní (YVNQ)*, Puerto Ordaz, 12 Nov, 0916 - “Radio Caroní, con la música de Venezuela” [JR].
- 750 **BRAZIL** *R. América (ZYL213)*, Belo Horizonte, 14 Nov, 0725 - “América” ID, mx dedications [JR].
- 750 **VENEZUELA** *R. Caracas R. (YVKS)*, Caracas, 12 Nov, 0931 - “RCR” ID, beisbol scores [JR].
- 760 **COLOMBIA** *RCN (HJAJ)*, Barranquilla, 6 Nov, 0957 - SS nx, jingle ID; SIO 322 [JB]. 7 Nov, 0304 - Sports talk, // 770; SIO 333 [JB]. 11 Nov, 1018 - “RCN” w/ “Buenos Dias Colombia” pgm, ads for British Airways and a bank; only a little QRM from WJR, SIO 444 [JB]. 15 Nov, 0136-0155 - Soccer play-by-play, lots of ads; SIO 433 [JB].
- 760 **VENEZUELA** *R. Puerto La Cruz (YVQQ)*, Puerto La Cruz, 12 Nov, 0934 - “Doble Q” ID [JR]. 13 Nov, 0904 - Mx pgm beginning on “Radio Puerto La Cruz;” this stn used to call itself only “Doble Q;” QRM from RCN, SIO 322 [JB/JR].
- 760.03 **BRAZIL** *R. Record (ZYH888)*, Fortaleza, 12 Nov, 0848 - Believe this stn with lively vocal and “a biento aveni” greeting; fair-good [DC].
- 760.05 **GUYANA** *R. Roraima (8RG)*, Georgetown, 13 Nov, 0858 - Choral anthem beginning but not much else under the RCN station and tentative YVQQ on 760; very poor [DC]. 14 Nov, 0856 - Anthem at sign-on, no sign of 560 [JR]. 15 Nov, 0855 - Much better w/ strong open carrier until 0857 when it came to life with ID “This is the Guyana Broadcasting Corporation,” choral anthem then followed by “Radio Roraima” ID and freq anmt mentioning only MW and FM, TC for “5 o’clock,” then into mx pgm; in the clear w/ good signal initially but going down fast by 0905, SW 5950 not detected either day and presumably inactive, again [DC]. 17 Nov, 0848 - IS coming through clearly; SIO 343 [JB]. 17 Nov, 0924 - Anmt about worship program on Sundays at 10 [JR].
- 770 **COLOMBIA** *RCN (HJXX)*, Bogotá, 4 Nov, 0455 - Good; “Radio Nacional” and “AM Stereo Bogotá” mentions, “la radio de Colombia” jingle [BC]. 6 Nov, 0347 - Over WABC w/ nx of US elections; SIO 433 [JB]. 13 Nov, 0426-0452 - Ads, nx items, many “RCN” IDs; SIO 322 [JB].
- 770 **URUGUAY** *R. Oriental (CX12)*, Montevideo, 13 Nov, 0426-0454 - Three-way fight between this, RCN and WABC, but dominant w/ “música romantica” for short periods including at 0441 w/ clear “Radio Oriental, Montevideo, Uruguay” ID and Norteña beer ad; SIO 322 [DC/JB/JR]. 17 Nov, 0200-0210 - Soccer play-by-play mentioned “Oriente” but also sister-station R. Monte Carlo; SIO 433 [JB].
- 780 **VENEZUELA** *Ecos del Torbes (YVOD)*, San Cristóbal, 7 Nov, 0355 - Caught only the Venezuelan anthem, in synch w/ 4980; SIO 222 [JB]. 11 Nov, 0924 - “Ecos del Torbes” ID and Venez. mx on brief fade up over usually dominant R. Coro; SIO 322 [JB].
- 789.83 **ARGENTINA** *R. Mitre (LR6)*, Buenos Aires, 5 Nov, 0232 - “Radio Mitre” ID, two “Buenos Aires” mentions; fair w/ growl [NK]. 7 Nov, 0805, 0829 - Excellent peaks, “Radio Mitre” ID, tangos [NK]. 13 Nov, 0346 - Initially heard as an unID at very good level with promos, chatter and laughter; 0414 re-tune found teletalk by man & woman with definite ID mention of “Mitre,” *essentially back on nominal freq*, adjusted from 789.9 as heard Oct/95 [DC]. 13 Nov, 0354 - Call-in show, ID as “Mitre,” *slightly lower than 790*, battling with Barbados [JR].
- 790 **UNID** 13 Nov, 0335-0414 - SS stn, possibly R. Mitre, w/ ad for “Télé-Cuatro,” mentioned a place called ‘Tolín de los Andes’ or possibly ‘Colín de los Andes’ 3 times, soccer chat mentioning Maradona a

- few times, possibly pips on the hour – was *exactly on frequency*; QRM mainly from domestics including CFNW, SIO 322 [JB].
- 810 **BRAZIL** *R. Verdes Mares (ZYH589)*, Fortaleza, 13 Nov, 0751 - Up over Caracol w/ ad string including electronics shop in Fortaleza; SIO 333 [JB]. 14 Nov, 0618 - Timecheck and ID, a sermon or speech heard before this [JR].
- 810 **COLOMBIA** *Caracol Colombia (HJCY)*, Bogotá *et al.*, 7 Nov, 0047-0455 - News, ads, jingles; SIO 322 [JB]. 11 Nov, 1012 - ID “Caracol, Primero Información,” ads; good [JF]. 13 Nov, 0528 - Ad, nx w/ dateline “Santa Fé de Bogotá,” promo for “Ultima Hora Caracol;” SIO 444 [JB].
- 820 **BRAZIL** *R. Gazeta AM (ZYI212)*, Vitória, 13 Nov, 0631 - Noted with “Noticias Gazeta” and shout of “Gazeta” a few minutes later [JR]. 13 Nov, 0730 - “Gazeta Noticia” PP nx and ads; SIO 333 way over R. Apintie s/on [DC/JB]. 15 Nov, 0240 - ID then telephone chat; SIO 342 [JB].
- 820 **COLOMBIA** *Caracol (HJED)*, Cali, 7 Nov, 0357 - “Gran selección” futbol report, // 5075, in the clear after R. Guadalupana sign-off [BC]. 15 Nov, 0818 - IDs, ads; fair [JF]. 17 Nov, 0920 - Men singing, // 5075 [JR].
- 820 **SURINAME** *R. Apintie*, Paramaribo, 12 Nov, 0849-0859 - Fair-good w/ choral anthem, definite // 4990.95 (but 820 and its puny 1 kW actually stronger, but lost at 0859 due to R. Guadalupana s/on; SW continued with trumpets and inspirational talk, “Now Thank We All Our God” hymn tune, ID at 0915 as “Radio Apintie” (really pleased with this rare one! - JF) [DC/JF/JR]. 13 Nov, 0727 - S/on with anthem, opening anmts by man and woman and into EZL vocals; very poor under R. Gazeta, improving somewhat by 0750 but much better on the 12th; // 4990.95, fair/deep fades (new country and one of our best South American catches; rarely reported and with just 1 kW) [DC]. 13 Nov, 0730, 0814 - Fragments of audio seemingly // 4990.95, only tentative due to very low level; SIO 131 [JB].
- 820 **VENEZUELA** *R. Guadalupana (YVXG)*, Coro, 7 Nov, 0350 - Good; full data sign-off, “...Radio Guadalupana, YVXG, ochocientos veinte kilociclos...” [BC]. 12 Nov, 0859 - Sign-on with choral anthem, clear ID w/ mention of Coro and Falcón state, “Amanecer Informativo;” good [DC/JF/JR].
- 830 **VENEZUELA** *R. Sensación (YVLT)*, Caracas, 7 Nov, 0207 - “Radio Sensación” ID; heard by phasing St. Kitts [NK].
- 840 **BRAZIL** *R. Bandeirantes (ZYK687)*, São Paulo, 7 Nov, 0813-0820 - São Paulo addresses in PP talk, “Rádio Bandeirantes” ID; o/ SS station [NK]. 12 Nov, 0405 - “Información totale,” // 6089.97; good atop channel [DC]. 14 Nov, 0415 - Mixing with RCN, each alternately strong on peaks [DC]. 15 Nov, 0759 - “Jornal Bandeirantes” promo, many IDs and names of the technical people over chimes, pips at 0800; SIO 333 [JB].
- 840 **COLOMBIA** *Doble K (HJKK)*, Neiva, 14 Nov, 0950 - Slow call letter “H-J-doble K” ID, earlier than sign-on listed in WRTH [JR].
- 850 **VENEZUELA** *R. Fé y Alegría (YVZC)*, Maracaibo, 7 Nov, 0330 - Good; “Ocho cincuenta AM, Fé y Alegría” ID, “su program conexión” telephone talk and salsa mx [BC].
- 850.02 **URUGUAY** *R. Carve (CX16)*, Montevideo, 13 Nov, 0337 - Faded up w/ ads for Nutrasweet and “Mac’s Milk’, la confitería número uno del Uruguay,” mx by Ace of Base; SIO 333 [DC/JB/JF/JR]. 15 Nov, 0005 - M and W w/ SS nx “..Instituto de Oncologia de Montevideo...ambasador español en el Uruguay...Ministro de Agricultura del Uruguay...” SIO 332 [JB].
- 860 **BRAZIL** *R. CBN (ZYJ459)*, Rio de Janeiro, 4 Nov, 0325 [BD]. 6 Nov, 2314-2319 - Short news reports, canned “CBN” ID, economic nx; SIO 444 [JB]. 7 Nov, 0100 - IDs and nx hype; SIO 444 [JB]. 12 Nov, 0411 - Jingle ID for “C-B-N” and sports talk by woman mentioning Mike Tyson; killer signal! [DC]. 14 Nov, 0702 - “C-B-N” ID, well atop another Brazilian [DC]. 16 Nov, 2350 - Report on Frank Sinatra; QRM from another Brazilian, SIO 422 [JB].
- 860 **BRAZIL** *R. Cidade (ZYH592)*, Maracanaú, 7 Nov, 0135 - PP talk mention of “Fortaleza;” atop CBN outlet at first, then it faded under [NK].
- 860 **VENEZUELA** *R. Enlace 860 (YVYE)*, Valle de la Pascua, 9 Nov, 0927-0932 - SS pop mx, ads including stores in Valle de la Pascua, ID; SIO 322 [JB].

- 860 **VENEZUELA** *R. Mundial 860 (YVOL)*, San Cristóbal, 11 Nov, 0957-1000, 1007 - Faded up suddenly w/ Venez. mx, canned "Radio Mundial dando la hora," 5:59 TC, "Radio Mundial al servicio de los oyentes" and "Noticiero Mundial" from Caracas; faded up again briefly at 1007; SIO 333 [JB].
- 860 **VENEZUELA** unID stn, 5 Nov, 2332 - Apparent sporting event, Venezuelan anthem u/ Rio & Fortaleza mix [NK].
- 869.95 **VENEZUELA** "CNV 870," unknown location, 9 Nov, 0934-0942 - Many "CNV ocho-setenta" IDs (a slogan unfamiliar to me), pgm promos, pgm "Canta, Venezuela, Canta" began; SIO 343-2 [JB].
- 870 **ARGENTINA** *R. Nacional (LRA1)*, Buenos Aires, 4 Nov, 0103 - "Somos Nacional," freq anmt, PSAs; SIO 333 [JB]. 7 Nov, 0100 - Good; "Informativa de su Radio Nacional" news [BC]. 7 Nov, 0825 - Man in SS talked about Argentina [NK].
- 880 **BRAZIL** *R. Inconfidência (ZYL275)*, Belo Horizonte, 4 Nov, 0330 [BD].
- 880 **VENEZUELA** *R. Mundial (YVYM)*, Puerto Ordaz, 15 Nov, 0059 - SS fast talk, trumpet fanfare and 2 "Radio Mundial" IDs, new pgm began "Mundial presenta...;" needed phasing to reduce QRM from *R. Inconfidência*, SIO 322 [JB].
- 880 **VENEZUELA** *R. Paraguaná*, Punta Cardón, 7 Nov, 0035 - Briefly up w/ betting or contest won by a man in Coro, ID; SIO 232 [JB].
- 890 **BRAZIL** *R. Gazeta (ZYK690)*, São Paulo, 7 Nov, 0019 - "Rádio Gazeta" ID during sporting event [NK].
- 900 **BRAZIL** *R. Tamoio (ZYJ454)*, Rio de Janeiro, 7 Nov, 0131-0134, 0145-0151 - Romantic PP mx, ID "escucha Tamoio," ads for companies and a shopping center in Rio, more romantic mx and PP version of Animals' "House of the Rising Sun"; SIO 433 [JB/NK].
- 900 **VENEZUELA** *R. Mara (YVMD)*, Maracaibo, 13 Nov, 0920 - AST time checks, promos or ads ending with "en Mara" [JR]. 14 Nov, 0924 - ID as "La Mara 900," and mention of "La Fiera Táchira" [JR].
- 910 **ARGENTINA** *La Red (LR5)*, Buenos Aires, 7 Nov, 0823 - Faded up briefly w/ SS news, "La Red" ID by woman [NK]. 11 Nov, 0225-0252 - Telephone interviews, many "Presto Fresco" ads, no clear ID until 0251; SIO 433 [DC/JB].
- 920 **PARAGUAY** *R. Nacional (ZP1)*, Asunción, 11 Nov, 0221 - Caribbean-sounding dance mx, ID, // very strong 9737.3; under CJCH, SIO 322 [DC/JB/JF].
- 929.96 **URUGUAY** *R. Monte Carlo (CX20)*, Montevideo, Montevideo, 6 Nov, 2340-2349 - "Radio Monte Carlo" ID, SS mx, talk "en Montevideo, República Oriental del Uruguay," o/ PP Brazilian w/ soccer; local CJYQ nulled 2 to 3 S-units (!) by Byan-terminated South American Beverage [This was an excellent demonstration of the utility of this Byan system by Neil! - JB] [BD/NK]. 7 Nov, 0010 - "La Super Radio" slogan, ads, promo for nx pgm, phone chat; St. John's local CJYQ reduced by tuning the antenna termination; SIO 322 [JB].
- 930 **BRAZIL** unID stn, 4 Nov, 2345 - Brazil u/ local CJYQ (Byan terminated Bev + phasing used for tough null): man & woman in PP, US adult-contemporary mx [NK].
- 940 **BRAZIL** *R. Brasil AM (ZYJ453)*, Rio de Janeiro, 13 Nov, 0622 - Promo anmts and into religious network programme at 0627; very strong [DC].
- 940 **BRAZIL** unID stn, 13 Nov, \*0618-0632 - Strange sign-on time for this one with anthem, PP s/on anmt, jingle ID, but unable to decipher, ads and religious program (noted several nights w/ slogan "Sistema Viva Mundial" w/ São Paulo address), probably Rio de Janeiro [JF/JR]. 14 Nov, 0626 - Several "AM" IDs heard during a Bible program [JR].
- 940 **UNID** 12 Nov, 0941 - Lively LA mx, OM ancr in SS seemed to mention Venezuela; good [JF].
- 960 **BRAZIL** *R. São Paulo (ZYK689)*, São Paulo, 15 Nov, 0408 - ID w/ freq, prayer, s/off anmt, but then jingle ID, TC and religious pgm; SIO 433 [JB].
- 970 **VENEZUELA** *R. Mundial*, Barcelona, 17 Nov, 0329 - Children singing a salsa-type song, "Mundial" ID. 0931 with lottery information [JR].
- 980 **COLOMBIA** *RCN (HJES)*, Calí, 7 Nov, 0751 - // HJJX-770, SS "RCN" ID, news; way o/ CBV [NK]. 15 Nov, 0513 - Many "RCN" IDs, // 770 [JR].

- 990 **ARGENTINA** *R. 9-90 (LR4)*, Buenos Aires, 4 Nov, 0821 - Tentative; sedate SS ancr, ad w/ prices in pesos; atop channel then faded u/ domestic, PP station also mixing at 0823 [NK]. 5 Nov, 0410 - SS talk "en frecuencia 9-90 transmite los 9-90;" in varying phase-null of CBY & occasional PP QRM [NK]. 14 Nov, 0743 - Rooster crow, "Transmite La Nueve Noventa," also heard "en La Plata" [JR]. 14 Nov, 0750 - Rooster crowing and fast-paced vocal, ID per Burnell; fair under domestic QRM [DC].
- 990 **BRAZIL** *R. Record (ZYJ461)*, Rio de Janeiro, 4 Nov, 0338 [BD].
- 990 **COLOMBIA** *RCN (HJDB)*, Medellín, 15 Nov, 0531 - SS ads, // 770 [JR].
- 1000 **BRAZIL** *R. Record (ZYK522)*, São Paulo, 4 Nov, 0339 [BD]. 14 Nov, 2320 - Man speaking in PP, // 9505 [JR]. 15 Nov, 0300 - Heard with "Rádio Record Noticias" [JR].
- 1020 **VENEZUELA** *R. Margarita (YVRS)*, La Asunción, 12 Nov, 2344 - Dance mx and romantic ballads, lottery numbers, IDs now as "Radio Margarita;" SIO 343 [JB/JF].
- 1020 **VENEZUELA** unID stn, 7 Nov, 0245 - Venezuelan w/ baseball in SS; heard by phasing Turks & Caicos [NK].
- 1030 **ARGENTINA** *R. del Plata (LS10)*, Buenos Aires, 3 Nov, 0107 - Soccer, many ads; SIO 443 [JB]. 4 Nov, 0340 [BD]. 5 Nov, 0215 - SS ad for a concert in December, then "Radio del Plata" ID; big signal at first, gradually faded into PP Brazilian QRM [NK]. 11 Nov, 0330 - Two time pips preceded by ID, mixing with an unID Brazilian; both fair [DC]. 11 Nov, 2333 - SS audio surging up over unID Brazilian w/ ad for Telecom answering service, ID; SIO 333 [JB]. 12 Nov, 0810-0823 - Latin ballads including SS version of Paul Anka's "Diana," laconic SS ancr between songs, ID & time checks; strong-fair [DC/JF]. 17 Nov, 0338 - Clas mx, promo "Del Plata, La Radio, presenta..;" SIO 322 [JB].
- 1030 **BRAZIL** *R. América (ZYI777)*, Olinda, 6 Nov, 2230 - Sung ID, "Olinda" mention, instrumental mx; o/ WBZ & other PP Brazilian [NK]. 6 Nov, 2246-2305 - Soccer play-by-play, "América" jingle at 2248; SIO 343 [JB]. 17 Nov, 0314 - PP preacher and crowd, tentative ID [JR].
- 1030 **BRAZIL** unID stn, 17 Nov, 0324-0338 - Mixing w/ R. del Plata; religious PP talk, mentioned 3 stns at 0331 including "Rádio Cultura de Bahia, 1140 kHz" but I could not make out the stn on this freq; SIO 222 [JB].
- 1030 **COLOMBIA** *RCN Antena 2 (HJER)*, Calí, 15 Nov, 0546 - Mentions of Colombia, // 650 [JR].
- 1040 **BRAZIL** *R. Capital (ZYK537)*, São Paulo, 12 Nov, 0446 - ID mention of "Capital" and São Paulo; very strong [DC]. 14 Nov, 0657 - Man shouted the "Capital" ID, again with powerful signal [DC].
- 1040 **VENEZUELA** *LV de Carabobo (YVLB)*, Valencia, 17 Nov, 1002 - Anthem, s/on anmts w/ ID; o/u another SS stn, SIO 332 (last log of the DXpedition - JB) [JB/JR].
- 1050 **BRAZIL** *R. Capixaba (ZYI203)*, Vitória, 5 Nov, 0425-0430 - // 4935, PP religion; very good, generally dominant [NK]. 6 Nov, 0054 - Religious mx, M mentioned a meeting in Vitória, more mx, // 4935, but stronger than SW; SIO 332 [BC/JB]. 14 Nov, 0648 - PP radio drama which seemed to be of a religious nature, local ID, // 4935; good [DC/JR].
- 1060 **BRAZIL** *R. Paraná (ZYJ246)*, Curitiba, 12 Nov, 0104 - PP program, mentions of Paraná [JR].
- 1060 **BRAZIL** *R. Tapuyo (ZYJ597)*, Mossoró, 6 Nov, 0325 - Fair; jingle ID and romantic mx [BC]. 6 Nov, 2305 - ID w/ fanfare, Brazilian ballad; SIO 333 [JB/NK]. 7 Nov, 0341 - Mellow instrumental mx, ID, SIO 322 [JB]. 15 Nov, 0020 - Traditional folk vocals [JR].
- 1060 **VENEZUELA** unID stn, 13 Nov, 0959 - Heard with anthem, pips, ID that sounded like "Radio Perez;" faded quickly at dawn [JR].
- 1070 **ARGENTINA** *R. El Mundo (LRI)*, Buenos Aires, 3 Nov, 0136-0203 - Elvis special, 0200 nx w/ slogans "informo Mundial, con promiso de la verdad" and "1070 -- la sintonia del Mundo," pgm promo; SIO 222 [JB]. 5 Nov, 0345 [BD]. 6 Nov, 0300 - Good; "Mil Setenta Radio Mundo" ID and "Mundo Mil Setenta Informa" news [BC]. 11 Nov, 0829 - Ads from Buenos Aires businesses; good [JF]. 12 Nov, 0425 - Clas mx w/ voice-overs by man citing phone numbers, two pips at 0430; good peaks, o/u CBA with RFO Guyanne starting to fade up 0430+ [DC].
- 1070 **FRENCH GUIANA** *RFO Guyane*, Matoury, 3 Nov, 0137-0154 - Over/under R. El Mundo and CBA w/ interview of pop singer; SIO 222 [JB]. 3 Nov, 0422 - // 1375, man & woman in FF; good peak, mix w/ Argentina & CBA [NK]. 6 Nov, 0145 - Fair; French big band vocal // St. Pierre-1375 [BC]. 11 Nov,

- 0821-0909 - FF pgm about cinema, news etc. // 640; poor [JF]. 12 Nov, 0431 - Man in French with France-Inter relay, // 1375; briefly in R. El Mundo fade, better and easy // at 0435 peak over the Argentinian with talk by man & woman [DC].
- 1080 **BRAZIL** *R. da Universidad Federal do Rio Grande do Sul (ZYK280)*, Porto Alegre, 3 Nov, 0403 - Clas mx, PP anmts; over WTIC and another Brazilian, SIO 322 [JB]. 5 Nov, 0431 - PP talk by woman "... Universidad Federal ... 1080 kHz" o/u other Brazilian, into clas mx [NK].
- 1080 **BRAZIL** *R. Novo Tempo (ZYI540)*, Belém, 5 Nov, 0330-0332, 0335-0338 - ID in mush, clas mx, sung ID mention of Belém, then PP mx; mixed w/ other Brazilian [NK].
- 1080 **COLOMBIA** *R. Eco (HJJF)*, Calí, 11 Nov, 0929 - Presumed this w/ "la cadena nacional ... desde Calí" then Latin standard "Besame Mucho;" SIO 332 [JB].
- 1080 **VENEZUELA** *R. Barcelona (YVQJ)*, Barcelona, 5 Nov, 0343 - SS talk "Radio Barcelona, la frecuencia .. de ..." then lively SS mx; best on Byan-terminated Bev (ZY's were dominant on Brazil Bev) [NK]. 17 Nov, 0957 - Venezuelan anthem, ID and s/on anmt; SIO 333 [JB/JR].
- 1080.05 **VENEZUELA** *Mundial 1080 (YVNR)*, Maracay, 11 Nov, 0931 - Faded up w/ mention of Venezuela and "Mundial" ID; SIO 322 [JB].
- 1090 **VENEZUELA** *Unión R. (YVSZ)*, Caracas, 17 Nov, 0943 - ID and name of Julio César de Camacho mentioned [JR]. 17 Nov, 0950 - Politician Dr. Eduardo Fernandez interviewed exclusively for Unión Radio; SIO 333 [JB].
- 1100 **BRAZIL** *R. Globo (ZYK694)*, São Paulo, 12 Nov, 0422 - Talk by man with ID mention of São Paulo; very strong [DC].
- 1100 **COLOMBIA** *Caracol (HJAT)*, Barranquilla, 13 Nov, 0935 - // 5075 [JR]. 17 Nov, 1013 - // 5075 [JR].
- 1110 **BRAZIL** *R. Cultura (ZYJ471)*, Campos, 14 Nov, 0747 - Echo anmts by man, briefly topping another unID Brazilian; strong, // 4955.2 [DC].
- 1110 **BRAZIL** "*R. Paraná,*" 13 Nov, 0802 - Many, many mentions of Paraná on tape, including possible "Rádio Paraná" ID, but nothing listed for this state [JR].
- 1110 **VENEZUELA** *R. Carúpano (YVQT)*, Carúpano, 12 Nov, 0042 - Noted in passing with "Radio Carúpano" shouted ID [JR].
- 1120 **ARGENTINA** *R. Atlántica (LU6)*, Mar del Plata, 5 Nov, 0352 - "Atlántica" ID o/u Brazil on Byan-terminated South America Bev [NK].
- 1120 **BRAZIL** *R. 1120 AM (ZYK274)*, Porto Alegre, 3 Nov, 0214-0301, 0355 - Tentative; mostly PP nx, many IDs that sounded like "Rádio Brasileira Liberal" w/ the PetroBras ads that are always heard on CBN stns; SIO 322 [JB]. 4 Nov, 0344 - PP talk, "Porto Alegre" mention, now a CBN affiliate [BD/NK]. 12 Nov, 0453 - Jingle ID, vocal, "1120" IDs again at 0456 and 0500 then chatter by woman; good peaks over presumed R. Atlántica [DC]. 17 Nov, 0233-0249 - Probably same stn, telephone reports, definite "CBN" at 0248 then PetroBras ad; SIO 443 [JB].
- 1120 **BRAZIL** *R. Paulista (ZYI778)*, Paulista, 3 Nov, 0545 - Good; many "Paulista" mentions in Portuguese talk [BC].
- 1130 **BRAZIL** *R. Nacional (ZYJ460)*, Rio de Janeiro, 3 Nov, 0041-0048 - "Nacional" ID, old EE pop song, canned "Nacional" again, over WBBR; SIO 433 [JB]. 15 Nov, 0750 - Man speaking in PP, // 9505 [JR].
- 1140 **BRAZIL** *R. Cultural da Bahia (ZYH449)*, Salvador, 14 Nov, 2343 - PP talk, mentioned Bahia very many times; SIO 433 w/ CBI reduced by phasing [JB].
- 1150 **BRAZIL** *R. CBN (ZYL283)*, Belo Horizonte, 15 Nov, 0601 - "CBN" ID, then a comedy program with a man acting drunk and a laughing audience [JR].
- 1150 **COLOMBIA** *RCN (HJFP)*, Neiva, 15 Nov, 0551 - Talk and sound effects, // 770 [JR].
- 1160 **BRAZIL** *R. Espírito Santo (ZYI202)*, Vitória, 15 Nov, 0035 - In a pile-up w/ Antigua and SS stns, PP soccer faded up w/ "Rádio Espírito Santo" ID during the play-by-play; SIO 322 [JB].
- 1170 **COLOMBIA** *Caracol (HJNW)*, Cartagena, 13 Nov, 1007 - Very late in morning, single "Caracol" mention [JR]. 14 Nov, 0646 - Clear // to 5075 [JR].
- 1180 **BRAZIL** *R. CBN (ZYJ463)*, Rio de Janeiro, 7 Nov, 0430 - Emerged over SS stn (Cuba likely) and WHAM w/ ID, pgm promo, ad, and nx; SIO 322 [JB].

- 1190 **ARGENTINA** *R. América (LR9)*, Buenos Aires, 3 Nov, 0445 - Good; modern history items including reports on Presidents Reagan and Nixon, Argentina Fútbol, and WWII [BC]. 5 Nov, 0330 - "Radio América" IDs, "Noticias" mention ; very good, way atop EE station [BD/NK]. 14 Nov, 0817 - SS talk and UTC-3 timecheck "por América;" fair, mixing with another LAm and domestic [DC/JR]. 17 Nov, 0026-0104 - Lots of SS talk/nx, many Coca-Cola ads, finally a decent ID at 0102; SIO 322 [JB].
- 1190 **BRAZIL** *R. Tropical (ZYJ594)*, Natal, 3 Nov, 2332 - "Rádio Tropical" ID, PP talk; fair [NK].
- 1200 **BRAZIL** *Ceará R. Clube (ZYH585)*, Fortaleza, 7 Nov, 0302 - Nice "Ceará Rádio Clube, Fortaleza, Ceará" ID, then choral mx by woman, then apparent sign-off; Venezuelan w/ baseball left behind [NK].
- 1200 **BRAZIL** *R. Cultura (ZYK520)*, São Paulo, 11 Nov, 2350 - Heard with other Brazilians on same frequency, this one // 9615, noted phrase "Rádio Cultura presento" [JR].
- 1220 **BRAZIL** *R. Globo (ZYJ458)*, Rio de Janeiro, 11 Nov, 0207 - PP talks with lots of mentions of Brazil; good [JF].
- 1250.05 **PARAGUAY** *R. Asunción (ZP3)*, Asunción, 17 Nov, 0835-0846 - M w/ speech on behalf of the "Partido Colorado del Paraguay," mentioned times and dates of meetings in barrios around Asunción, some weepy mx; SIO 232 [JB].
- 1270 **BRAZIL** *R. Brasil Central (ZYH753)*, Goiânia, 12 Nov, 0635 - Mx that was easily // 4985; fair-good, o/u semi-local CJCB [DC].
- 1280 **BRAZIL** *Super R. Tupi (ZYJ455)*, Rio de Janeiro, 14 Nov, 0508 - Fast-paced Braso pops; teletalk at 0510; super strong! [DC].
- 1290 **BRAZIL** *R. Clube de Salvador (ZYH450)*, Salvador, 15 Nov, 0027 - PP preacher, "Tu Amor" slogan, full ID [JR].
- 1300 **BRAZIL** unID stn (ZYH586?), Fortaleza, 4 Nov, 0027-0033 - ID that sounded like "Rádio Con, 1300 kiloHertz," TC, then mentioned "Fortaleza;" SIO 332 [JB].
- 1300 **BRAZIL** unID stn, 8 Nov, approx. 0115 - Possibly Porto Alegre w/ "Tupi" net ID // 1280, PP football highlights, then into game; signal was u/ Fortaleza [NK].
- 1330 **BRAZIL** *R. Liberal (ZYI533)*, Belém, 6 Nov, 0206-0209 - // 4775, PP talk; atop WRCA [NK]. 7 Nov, 0200 - // 4775, nice ID "Onda Tropical, Rádio Liberal de Belém," then list of frequencies [NK]. 14 Nov, 0429 - Partial ID gives "--33 onda media" and "--430 onda tropical," which matches with call signs listed in WRTH; a "Rádio Liberal" ID also noted on tape [JR].
- 1370 **BRAZIL** *R. Atual AM (ZYK766)*, São Paulo, 5 Nov, 0132 - "São Paulo" mentions during ad string, phone numbers & addresses, time check, nice "Rádio Atual" spoken & sung IDs [NK].
- 1379.84 **BRAZIL** *R. Continental (ZYI773)*, Recife, 3 Nov, 0458-0502 - Likely this w/ PP talk, choral mx, SIO 342 (thanks to Rocco Cotroneo for identifying this station) [JB]. 9 Nov, 0110 - Presumed; w/ "Silent Night;" SIO 322 [JB]. 12 Nov, 2245 - Portuguese talk (seemingly religious) with strong signal; presumed ID as reported by others, including from Europe [DC].
- 1380 **BRAZIL** *R. Paranaíba (ZYL284)*, Rio Paranaíba, 11 Nov, 0901 - At a time when Brazilian on 1379.84 kHz was gone, this more western station emerged briefly w/ Brazilian mx and unequivocal "Paranaíba" ID; QRM from CFDA, SIO 332 [JB].
- 1380 **COLOMBIA** *RCN (HJEE)*, Tunja, 9 Nov, 0750-0803 - Horrible mix w/ CFDA and another unID SS stn, occasionally fading up w/ nx and "la radio de Colombia" slogan; SIO 222-1 [JB]. 11 Nov, 0335 - "RCN" ID, o/u another unID LAm; fair at times [DC]. 13 Nov, 0400 - In a fight with unID Brazilian station (not R. Continental, which was stronger and stable on 1379.84), sometimes putting a troublesome het on 1380; both fair-good, making audio very messy; checked almost hourly thru the night but no evidence of much-wanted Chilean, R. Corporación [DC].
- 1380 **VENEZUELA** *Ondas del Mar (YVNG)*, Puerto Cabello, 14 Nov, 2334 - Faded up over Colombia and CFDA, w/ R. Continental on 1379.84 reduced by phasing, many "Ondas del Mar" IDs, "35 años en el aire" slogan, LA ballads; SIO 332 [JB].
- 1390 **BRAZIL** *R. Educadora (ZYI535)*, Bragança, 14 Nov, 0802 - Talk by man in Portuguese; fair, almost certain // with 4885 [DC].

- 1400 **URUGUAY** R. *Zorilla de San Martín (CX140)*, Tacuarembó, 15 Nov, 0210-0222 - Tangos, bank ads, jingle ID at 0220, “Onda del Alegría” slogan, “Zorilla de San Martín” yelled at 0221; QRM from CBG, deep fades, SIO 222-1 [JB].
- 1420 **BRAZIL** R. *Cultura (ZYL288)*, Sete Lagoas, 4 Nov, 2248 [BD]. 5 Nov, 0200 - Big signal w/ IDs & mentions including “Rádio Cultura AM,” “Sete Lagoas,” “Minas Gerais,” and “música ... notícias;” another Brazilian under [NK].
- 1430 **BRAZIL** R. *Clube Paranaense (ZYJ200)*, Curitiba, 5 Nov, 0119 - PP ancr, “Rádio Clube Paranaense” ID; good & clear, then lost to other Brazilian that had mx [NK].
- 1435.3 **BRAZIL** R. *Príncipe Imperial (ZYH637)*, Crateús, 4 Nov, 2315 - This station still off-frequency, weak with Portuguese talk and mx [BC]. 4 Nov, 2358 [BD].
- 1470 **VENEZUELA** R. *Vibración (YVSY)*, Carúpano, 4 Nov, 0130 - Dance mx, ID; over another unID SS stn, SIO 333 [JB]. 5 Nov, 0210 - “Radio Vibración” ID; best on Byan-terminated Bev (as was YVRZ-1500) [NK]. 15 Nov, 0055 - Promos and ads, shouted “Carúpano!” [JR].
- 1500 **VENEZUELA** R. *Dos Mil (YVRZ)*, Cumaná, 5 Nov, 0205 - “Radio Dos Mil” IDs, SS talk; o/ PP Brazilian [NK].
- 1530 **BRAZIL** R. *Cultura (ZYH479)*, Guanambi, 15 Nov, 0722 - Several IDs as “Rádio Cultura” (two listed), but tape replay shows one “Rádio Cultura de Guanambi” also had ad for “Auto Services” (at 500 watts my best Brazilian log of the week) [JR].
- 1540 **BRAZIL** R. *Santa Maria (ZYI694)*, Monteiro, 3 Nov, 0129 - “Rádio Santa Maria” ID, M & W chat before it faded under WDCD; SIO 322 (my best Brazilian of the DXpedition, heard before anyone else had arrived in Cappahayden) [JB].
- 1550 **BRAZIL** R. *Gazeta d’Oeste (ZYJ606)*, Areia Branca, 4 Nov, 2100 - Sung “Rádio Gazeta” ID, then clas mx; good [NK]. 7 Nov, 0800-0801 - Open carrier, then PP talk, “Rádio Gazeta” ID at sign-on [NK].
- 1570 **BRAZIL** R. *Sertão Central (ZYH621)*, Senador Pompeu, 6 Nov, 2202 - PP mentions of “kilohertz” & “Senador Pompeu;” atop others [NK].
- 1580 **BRAZIL** R. *Novos Tempos (ZYJ613)*, Ceará Mirim, 4 Nov, 2304-2306 -Beautiful fade-up (burying CBJ), “Rádio Novos Tempos” ID, two “Ceará Mirim” mentions, “1580 kHz” in PP, then MoR PP song [NK]. 6 Nov, 0144-0147 - “Sinal do Fé” pgm w/ preacher using maximum reverb, three “Rádio Novos Tempos” IDs; SIO 433-2 [JB/NK].
- 1580 **COLOMBIA** unID *Caracol* stn, 14 Nov, 0517 - Mention of Caracol net, so perhaps R. Robledo, mixing with a Brazilian and another strong unID playing Caribbean mx; perhaps the latter was a domestic tester? [DC].
- 1580.03 **VENEZUELA** R. *Manzanares (YVTK)*, Cumaná, 17 Nov, 0006 - UnID at this time w/ baseball play-by-play, // 750 R. Caracas R.; SIO 322 [JB/JR]. 17 Nov, 0221 - LA dance mx, ads for businesses in Cumaná, “Radio Manzanares” at 0223; QRM mainly CBJ, SIO 322 [JB].
- 1590 **COLOMBIA** unID stn, 13 Nov, 0139-0155 - Soccer play-by-play in SS, // RCN on 770; under WARV, SIO 232 [JB].
- 1590 **VENEZUELA** unID stn, 13 Nov, 0129 - Soccer game originating with RCR-750 [JR].

## Epilogue - Musings from the Participants

### Bruce Conti:

First, many thanks to Jean Burnell for all the work in preparing the site for our arrival on Saturday night. Neil Kazaross and I arrived at St. John’s airport at about the same time on Saturday, November 2. Ben Dangerfield was arriving on a later flight, so we picked up the rental car and headed into the city for a sampling of local brew and to find some extra supplies. Then it was back to the airport to pick up Ben, and off we went to Cappahayden for what was to become another record-breaking DXpedition. Jean had already erected the Brazil Beverage and a European Beverage, and had tables all set up in the radio room for us to get started. It wasn’t long before the room was buzzing with radio activity.

To start the next day, the first thing on our minds was to get a good hot meal before proceeding with antenna work and DX. We had planned on going to the traditional “DX restaurant” in Fermeuse. However, the restaurant had other plans, preparing to close for the winter, only open limited hours in the evening -- during DX prime time. So we headed further north to Cape Broyle for our early dinner. However, this seemed unacceptable. On the following day, when Jean went back to St. John’s to work, we decided to do some exploring further south along the Avalon Peninsula’s “Irish Loop” highway, and found a great place in Trepassey which quickly became the new “DX restaurant.” Specialties were baked and fried cod, a traditional “Jiggs dinner,” which Ben sampled, and cod tongue which we didn’t get to try only because they were out of this Newfoundland delicacy for the week. In addition to a good meal and a visit to the local grocery store for the nightly rations of junk food, the trips south gave us group photo ops under the “Caribou Crossing” sign along the highway through a stretch of open grazing land. Neil and I did have one day when we relapsed to just “survival” food rather than going out for dinner. On the day Ben departed, I had a hearty meal of dry Cheerios and beer while Neil scavenged whatever else was left over from past nights, so we could get started with the DXing extra early -- now that’s more like “real” DXpeditioning!

Weather was typical of past autumn DXpeditions; rainy, windy, and cold. On Sunday, November 3, we were out working on antennas in the rain and 40 mph winds. Nothing new there. Hard to imagine Jean rolled out the Beverages alone in even worse weather, but such is the character of many a DXpeditioner. Actually, weather improved significantly by week’s end; sunny with temperatures reaching 15 °C or better, perfect for some sightseeing, including a trip out to the Cape Race lighthouse and the many scenic ocean views along the way. Of course, being DXers, we also scoped-out remote sites for future DXpeditions, with good potential for Africa, deep South Americans, Central America, and possibly trans-Pacific DX, and a good distance away from the 1348-ft (411-m) tall Loran C antenna. Yes, this DXpedition wasn’t even over, and we were already discussing plans for “NF-DX VI.”

Now on to the DX. Among the highlights from the first week were the ability to hear Norway-1314 practically all day and catching Norway parallels at night, DXing UK “locals” three hours before Newfoundland sunset, chasing Iran sign-ons, Neil’s 200-watt Latvian, hearing Greece across the dial, finding Mali under the local CBC station on 540, and northern catches from Finland, Greenland, and the Faroes. November 9-10 was the last night of DXing for Neil and me, and perhaps the most exciting. We got started late this time (not the usual 3-4 hours before sunset), after a day of sight-seeing. Neil was determined to hear Chad on 840, based upon reported reception of this in Europe. Both of us spent time monitoring 840 as Africa went into darkness. Neil was the first to catch it with an unequivocal parallel to short-wave, later replayed on tape as evidence of this difficult catch. Then just as Neil was losing it to Brazil, I started picking it up on phased wires, not quite as strong, but again parallel short-wave and differentiated from St. Lucia and Brazil. This was just the beginning. Soon, Dave Clark and John Fisher arrived on the scene with Jean. Almost immediately, Dave got his receivers set up and locked on to 1566 and 5010, waiting for signs of India. And sure enough, India did manage to get through Switzerland on 1566 parallel short-wave. Then Jean and Neil, being on their toes, checked for the India powerhouse on 1071, and clear as day the frequency provided us with Hindi mx. My turn came later, while monitoring 1044 for Kenya, when Georgia faded up for a brief interlude of mx unequivocally parallel short-wave. “Georgia! 1044! Parallel short-wave!” I yelled, and we were all on it like Newfoundland hunters spotting a caribou on the last day of open season. This was typical of the teamwork that led us to a new milestone in medium-wave DXing with at least 113 countries heard in the first week.

A couple of technical notes are worth mentioning. As in past DXpeditions, active antenna splitters were used so antennas could be shared by all. However, when doing some troubleshooting of one splitter that exhibited low output level (traced to a faulty power connector), it was learned that the splitters result in about 2 s-units of signal loss. During the day, we measured signal levels on one antenna connected through a splitter, and then directly to the receiver. Some of the loss may have also been due to the extra cable length from the splitter to the receiver, but I don’t believe it affected any of our DXing. The benefit of isolation provided by the splitters which allowed antenna switching and phasing to be performed on shared antennas without interfering with others was worth the 1 or 2 s-units. Requisite implementation of noise reduction /

ground isolation transformers helped, not only by reducing noise pick-up from the house, but also by improving antenna efficiency / impedance matching, such that any loss due to the splitters would be even less apparent. Of course, use of Beverage-length wires is what really makes the difference trivial.

A Byan remote-controlled termination was used with about 1500-feet aimed toward Brazil. Unfortunately, conditions toward Brazil were less than optimal. But the Byan was still effective, especially when phased against one of the other wires for Africa. The Byan also coupled into the Brazil wire which ran in parallel. When the termination was turned on or off, it produced dramatic differences in my nulls with other wires phased. I nulled CJYQ-930 St. John's with the Brazil and "track" wires while Neil was using the Byan, and when he switched it off, I lost the null, further evidence of the effectiveness of the Vactrol termination. As in past DXpedition experiments, it was found that a single 250-ft ground radial at the termination was inadequate. Additional radials were required to improve the Byan antenna performance. Unfortunately, the 6000 feet of twisted pair I ordered never arrived for more extensive Byan antenna experiments. It was apparently returned by Canadian customs agents due to a "lack of documentation" according to the supplier in California. It was a somewhat unusual situation anyway; me placing an order for wire in the US and asking them to ship it to an exotic location in Canada.

And that, believe it or not, is a capsule of NF-DX V, my third visit to the "DX Inn" of Cappahayden. Sorry about the long dissertation, but when you spend eight nights DXing with some of the best in the business in such a superior location, there's no shortage of things to write about. So I'll stop now, simply by saying, "Looking forward to NF-DX VI!"

### **Ben Dangerfield:**

Now that I have been securely home in good old Wallingford, PA, for almost a week – back to reality I call it – I can take time to reflect on my five wonderful days up there in rainy, windy Cappahayden. I have had great DX experiences like first hand tuning for TA's in 1943, 1944, and 1945 while chasing Germans (enemy soldiers, not stations) across Europe, or like the fabulous DX years of 1963, 1964 and 1965, but last week tops them all.

I flew up via Toronto on Sat. Nov. 2nd with apprehensions about going through security with my assorted DX equipment, but the only place I had to prove that the R8A was indeed a radio was here in Philadelphia. No one even cared about the phasing unit (which I couldn't use after all up there because of a defective splitter connection). I did have to walk a mile through the Toronto airport both going up and coming back, all the while lugging the R8A in a small carry-on bag. My flight into St. John's via Halifax landed on time at 9:30 PM, and Bruce and Neil came along to pick me up. Somewhere after 11:30 we arrived at Cappahayden where Jean was there to meet us, having already put up one European wire and the Brazilian wire. They helped me get connected, and shortly after midnight we were doing our thing. We DXed until around 2:30 am. Like all newcomers, I was overwhelmed so began with an end-to-end band scan, logging along the way all the stations I was familiar with. In the next few days, I became more and more selective.

Sunday we all drove up toward St. John's for fish and chips, then returned to string the other antennas. I went with Neil along the "beach" route putting up a second European wire...all rocks, wind and rain, with a cliff on one side and rough surf on the other. We didn't finish until around 3:00 PM, and when we did get to the radios the TA's were booming in with huge signals. Each day we hurried back from lunch as soon as we could, and each day the TA's were already there - as early as 1:00 PM local time. After Sunday we ate our mid-day meal at a great restaurant in Trepassey, down the other direction. The cod was fresh and the Jiggs dinner (corned beef and cabbage) quite tasty. Then we could DX the next 10 to 12 hours and nibble on snacks if hungry

The guys were great: Bruce with his technical skill and easy going thoroughness, Neil with his gift of gab, his TA savvy, and his persistence on Chad and Brazilians. He and I enjoyed a nip of Scotch. And Jean, of course, was on top of all of it. I marveled at his language detection ability. He and I also share an interest in world travel and raising a family! We all worked together as a team, each one of us contributing to the effort.

It would be hard to list the highlights. I certainly enjoyed sitting on 1476 in mid-afternoon with Dubai on top like a local, and Azerbaijan, Guildford and Iran each clear and distinct behind. Or Athens on 1386 to

confirm my home reception of early September plus a parallel on 981. And Jordan on 1494, another I had heard back home but couldn't ID. Of course, it was a thrill to catch Yemen on 1008, with help from the SW parallel, and to hear so many deep South Americans on top of even frequencies. For that matter, I was fun to hear TA's on all the even TA frequencies, not just 1530 and 720 as at home.

Jean drove me back to the airport on Thursday morning, taking me up to Signal Hill first to the Marconi tower. Took the rest of my pictures there, having taken several of the site and the guys. Got home tired but happy on the evening of Thursday, Nov. 7th.

### **John Fisher:**

Overall I must say that even with all of the high expectations that I had on the DXpedition, the quality of what I heard was beyond my wildest dreams. Even though I have been on numerous DXpeditions in Ontario and in the Rocky mountains, this was by far the best. I certainly gave myself away as a Newfoundland "newbie" by my frequent queries of "What is this?" and "You won't believe this signal!" Highlights of the week (DX wise) had to be Gambia on 648 (and especially Dave Clark's screams of anguish, when we told him about our log as he phoned in from the Toronto airport), Georgia on 1044, Lebanon 873 and Suriname 820, all of which were first time logs for Cappahayden.

Always an important part of any DX gathering was the time spent away from the radio dials. Seeing the barren countryside of the Southern Avalon peninsula for the first time was a real treat. I can only imagine how impressive it must be in Spring when the icebergs float past. In spite of absolutely numbing unemployment in the area since the fishing industry collapsed several years ago, I was impressed by the friendliness of the local residents. From the Lawlors who owned the DX-Inn to the Devereaux's at the Trepassey Motel, everyone was always very friendly and willing to chat up us strange folk with the wires. In fact, when I was on the plane out of St. John's to Calgary and mentioned to the person next to me that I stayed in Cappahayden, he asked if I had met the Lawlors and the Devereaux's! It certainly is a small world.

A number of factors contributed to any DX success that I had. Great antennas, location and propagation go without saying. But there were two other factors, I think. One is being surrounded by experienced MW DXers. Bruce and Neil on the first night and Jean, Dave and Jim were a wealth of experience and knowledge, which was of great help. A second contributor, I think, was having a good working knowledge of the short-wave bands. There were many times where it was possible to parallel a rare MW station by knowing its SW frequency. Georgia, Lebanon and Suriname pop to mind. Overall, it was an exceptionally enjoyable and fruitful week, thanks in large part to the organization and hospitality of our host, Jean Burnell. Now that I have the bug, I will be looking forward to NF-DX VI.

### **Dave Clark:**

After my initial DXpedition experience at NF-DX IV in October, 1995, it was great to be part of a return engagement for NF-DX V. It was a pleasure to see Jean again, who was kindly waiting at the airport for my mid-day arrival on Saturday, the 9th. I was treated to an afternoon tour of Signal Hill until it was time for us to return to the airport to pick up John Fisher arriving on a later flight. Of course, we had to check out the even-channel TA's on Jean's car radio on the way to Cappahayden. It was readily apparent conditions were going to be interesting when we heard, amongst others, the likes of Vatican and São Tomé fighting it out on 1530, and the Saudi blanketing 1520. Upon our arrival, it was good to see Bruce and Neil again as they were staying over until the morning of the 10th. It was also nice to greet another NF-DX IV fellow-participant, Jim Renfrew, who arrived on Monday, the 11th. I had to depart midday on the Thursday the 14th, while John was departing on the 15th, leaving Jim and Jean to finish off "the kill." I should add that perennial Newfoundland DXpeditioner Mark Connelly was with us in spirit this time, although he certainly did do a lot a parallel monitoring on medium wave from his excellent coastal sites closer to home and this made for interesting comparisons of reception patterns.

And now for some observations. Turning first to short-wave, early evening reception of sub-continentals was again a highlight (including a tantalizing tentative log of the local Azad Kashmir Radio on 3664.9) and a worthy area of focus on the Tropical Band frequencies. The Indian signals are much stronger

and hold up much later (well-past transmitter sun-rise) in Newfoundland, as compared with my home experience in Ontario.

November 10th UTC evening was perhaps the best date for the early evening All India Radio stations, along with a very nice 0015 UTC s/on of Radio Nepal, on the Tropical Bands. Signals were superior on our European beverages, indicating a relatively high latitude direct path. This would seem to correlate well with the period of very quiet geomagnetic conditions prevailing from 1800 UTC on Nov 9th through 0300 on Nov 10th when the consecutive 3-hour Estimated Planetary K index values were: 1-1-0-0. It's quite revealing that the corresponding high latitude (as measured at College, Alaska) 3-hour K index values for this period were: 0-0-0-0. Thus, while we did have some interesting SWBC logs, there is no getting around the fact that the primary focus for us at Cappahayden is international medium wave DX. Except for a period of moderate geomagnetic disturbance when conditions were active at times during the period Nov 13-15, conditions were otherwise mostly quiet and stable, with Estimated Planetary A Index values as low as 2 on a number of days within the two-week DXpedition period commencing November 3rd. This meant that there was no major "auroral" occurrence that might have significantly enhanced trans-equatorial reception from Africa, let us say, while potentially wiping out signals from northern Europe on medium wave. That fact, combined of course with the cyclic lows in sunspot numbers as we transition from Cycle 22 to Cycle 23, meant that as a general rule, we enjoyed good to very good reception prospects from virtually all possible target areas. Taken together, these propagation factors probably helped us add about a half-dozen new countries to our "all-time MW heard-in-Newfoundland" count which I'm guessing will stand at about 140 when all the logs are sorted out. Furthermore, when I departed on the 14th, the total countries confirmed during NF-DX V alone was about 120, a significant jump from the previous high of 95 garnered in Oct/95, recognizing of course that we had more participants and a cumulatively longer duration to work with this time.

From a seasonality perspective, a one-month difference from October to November did make a noticeable difference in some medium wave reception patterns (and there was certainly less QRN to contend with this time). Propagation conditions being typically more volatile, i.e., greater propensity towards active or stormy geomagnetic field, closer to the equinox contributed to spotty high latitude reception in Oct/95. While there was nary a whisper from the Faroe Islands station on 531 kHz last year, this time we enjoyed excellent reception one morning in particular at 0715 s/on, and we heard Greenland (another absentee last year) on 4 of the 5 possible channels. The AFRTS station at Lajes in the Azores operates with only 100 watts on 1503 kHz, but it was heard very well indeed, while logging our second and third AIR medium wave stations was exciting too! Now that we've heard all 3 megawatt heavy hitters, the going gets tougher in the future. Reception from the Middle East and near-Asia was notably better this time too.

Contrariwise, although big gun stations from Argentina and Brazil (plus a few from Uruguay) were still to be heard, high-band reception of low-power, mid- and deep-southern signals bore no comparison to the spectacular, (near) equinoctial reception we enjoyed in 1995. Graveyard (250/500 watt) Brazilians were abysmal, and once again, our collective efforts to log Chile were frustrated. Nonetheless, logging three more stations from Paraguay was a big breakthrough, while hearing the 1 kW Radio Apinte from Suriname was a South American highlight.

Notwithstanding our exploits with the Gambia stations, as well as Namibia, African signals in general were less prevalent this time. I never managed to re-log the 500-watt Ascension Island BBC relay - relatively easy last year - not to mention my game-plan to go after St. Helena on 1548. It's funny how one's perspective of "superior" conditions evolves with a return visit to The Rock!

The extent of Jean's efforts to organize and host these "Cappahayden capers" can only be truly appreciated by those of us who have had the privilege and opportunity to attend. We should each be so lucky that there will be a NF-DX VI in our future.

### **Jim Renfrew:**

In Scripture, the Suffering Servant (considered by many Christians to be representative of the coming Messiah) is described as one who will be "a light to all the nations, to the end of the earth" [Isaiah 49:6]. There is nothing like an experience of Newfoundland to get a full appreciation for the diverse and distant

nations that can be found on the radio spectrum ... and we had the experience of hearing stations that were at the end of the earth (or not far from it).

I am very appreciative of the insights DXing gives me as a world citizen, allowing me to live a little closer to my global neighbors through the radio medium. I enjoy the strange languages (and the growing ability over the years to understand a little of them), the interesting mx, and the alternative political perspectives. Newfoundland really enhances the DX experience!

I'm not sure what the team total country count is after five of these Newfoundland events, but I know that I've heard 114 after two times there. One evening, I realized that I had already heard 8 new countries that day, including Moldova, Ceuta/Spanish Morocco, Burkina Faso, Madeira, Sicily, Channel Islands, Jordan and Cyprus. Back home in Rochester it has taken me twenty years to hear 50 countries, and I'm lucky if I hear even one new one in a given year.

I was the last one to make it to Cappahayden, on Monday, November 11. As I was driving down the coast in my rental car, I was already messing with the radio in the heavy rain. Of course, I could only tune TA's on even frequencies, but I managed to hear VOA São Tomé fighting with the Vatican on 1530, and it was still daylight. As the week went on, I learned that some TA's could be heard all day long, even at local high noon, including Norway 1314, Ireland 252 and UK 198. The real action began around 1630 UTC, which left little time for other than sleep and a lunch in Trepassey each day, before getting back to DXing.

Bruce, Neil and Ben were long gone when I arrived. As was the case last year, within minutes after I said "Hello" to Jean, Dave and John the radio was unpacked, and I was hooked up to the Beverages. It was a good sign that the Qatar 954 tentative logging of last year was the first to be logged this year, with a definite parallel to 7210 short-wave. In fact, finding short-wave parallels was a very fruitful way to identify weak stations this year. I got a number from the Middle East, Asia, Africa and Brazil in this way.

Conditions were definitely favoring TA's this year, but there were a number of interesting logs from South America. We heard two new ones from Paraguay on 720 and 730 (the 720 R. Pata'i Puku is not listed in the WRTH!), heard a strong signal from an unlisted station on 670 in Suriname, and from reviewing my tape back home I heard a 500-watt Brazilian on 1530, Rádio Cultura de Guanambi. Arriving late had its advantages, because some rarities had already been flushed out for an easy log. The disadvantage was that the weather was much worse in the second week, with gale force winds and snow, and this left little motivation for patrolling the antenna wires, some of which were found mangled by the elements when Jean rolled them in on Sunday.

One of the more challenging experiences was DXing from 0900-1000 UTC, when the terminator is moving west over the Caribbean basin, and signals rise up for a just a few moments before Newfoundland daylight takes over. The last new log of the week was La Voz de Carabobo 1040 at 1002 UTC. At this point Jean said the DXpedition was all over, and that we both looked like Carabobos. Having lived in Venezuela, I should have realized that Jean knows his Spanish, because I learned later that the word means "funny face" or "clown." After seven days of limited sleep I am sure that is exactly how we looked.

A special thanks to Jean (and his family) for making this all possible. I hope to return! I also learned that the Lawlor family only opens the DX Inn only for us, so they deserve our very special thanks for making these accommodations available.