

SHORTWAVE BULLETIN

Issue no. 1819, March 15, 2015.

Deadline e-mail next issue: 0800 UTC, March 29, 2015.

Tack för alla bidrag till detta nummer.

På lördagsförmiddagen fick jag ett trevligt besök av Alf Persson, Per Eriksson, Göran Norstedt samt tre holländare som representerade piratstationen R Lowland. MKVK hade ett av sina DX-möten nere i Saxtorp, baqra några mil härifrån.

Det var väldigt trevligt att få snacka några timmar om allt från antenner till driften av piratstationer. Många av de holländksapiraterna är koncentrerade till ett område i nordöstra Holland. Det var intressant att höra vilka antenner man avänder och trots blygsam effekt hörs man väldigt bra.

Stort tack till Henrik Klemetz för material om IBRA Radio. Som synes här brevid så fanns det en del felaktigheter i det material jag hittade på nätet till förra numret och Henrik skickade två artiklar. En har tidigare gått i Eter-Aktuellt och den andra i Weltweit Hören.

Keep on

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SWB-info

SWB on HCDX:

<http://www.hard-core-dx.com/swb>

SWB member information:

<http://www.hard-core-dx.com/swb/member.htm>

Dateline Bogotá 1993-1998:

<http://www.hard-core-dx.com/swb/Dateline.htm>

SWB latest issue/archive:

<http://www.hard-core-dx.com/swb/archive.htm>

QSL, kommentarer, mm.

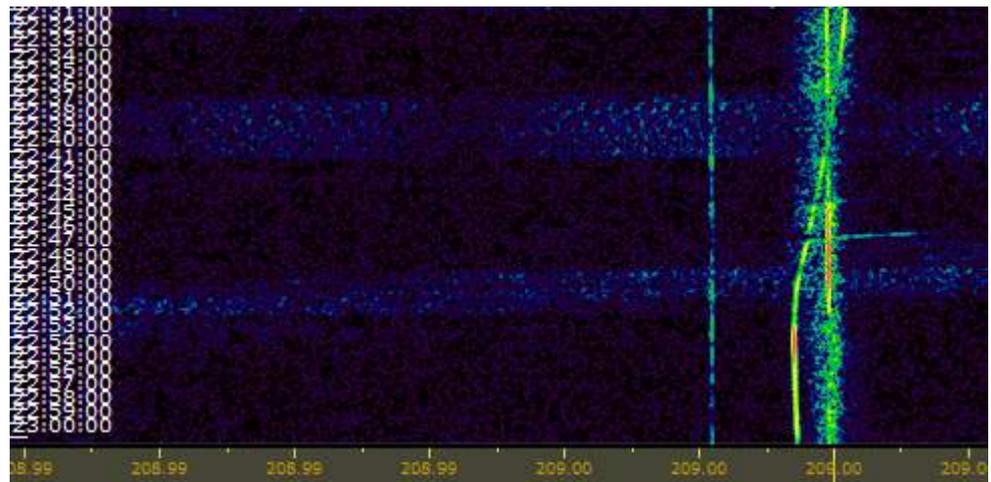
Henrik Klemetz (HK) tyckte sig finna några fel i IBRA-artikeln i förra SWB. Pingströrelsen köpte och utrustade en båt för att sända från Ålands hav men den kom aldrig igång, rörelsen ordnade radiotid över Radio Andorra men programmen sändes aldrig, för franska posten lade beslag på ljudbanden. Och så vidare. För tio år sedan skrev han en artikel i Eter-Aktuellt.

Den bifogas som separat pdf-fil.

Olle Alm: Bilagan om Mongoliet är tydligen gjord i det "nya" pdf formatet, som jag inte kan öppna. Själv hörde jag åtminstone 164 och 209 för många år sedan i Härnösand. Mottagningen kunde vara riktigt bra när det verkligen ville sig. Långväga asiater på LV är ungefär som afrikaner på MV - de är sällsynta men kan gå hur bra som helst den enda gången när allt stämmer. QSL från Ulan Bator för mottagning av riksprogrammet på 209 i augusti 1988 finns i samlingen som en väldigt udda fisk.

I morse var det K-index 5 under tre tretimmarsperioder i sträck. Bidragen till MVE klagar också en hel del på kondsen.

Thomas Nilsson: Just for fun I checked again for Radio Mongolia on 209 kHz. This was what I observed on March 6 from 2231 to 2300 UTC. Two of the transmitters are very stable but one drifts downwards from sign on. The signal strength was not sufficient to produce any audio here at my location.



Tim Rahto: I am afraid 'real life' has been getting in the way of my listening hobby of late, but I have managed to enjoy some great sunrise enhancement these last couple of days. here's a few loggings for you to consider.

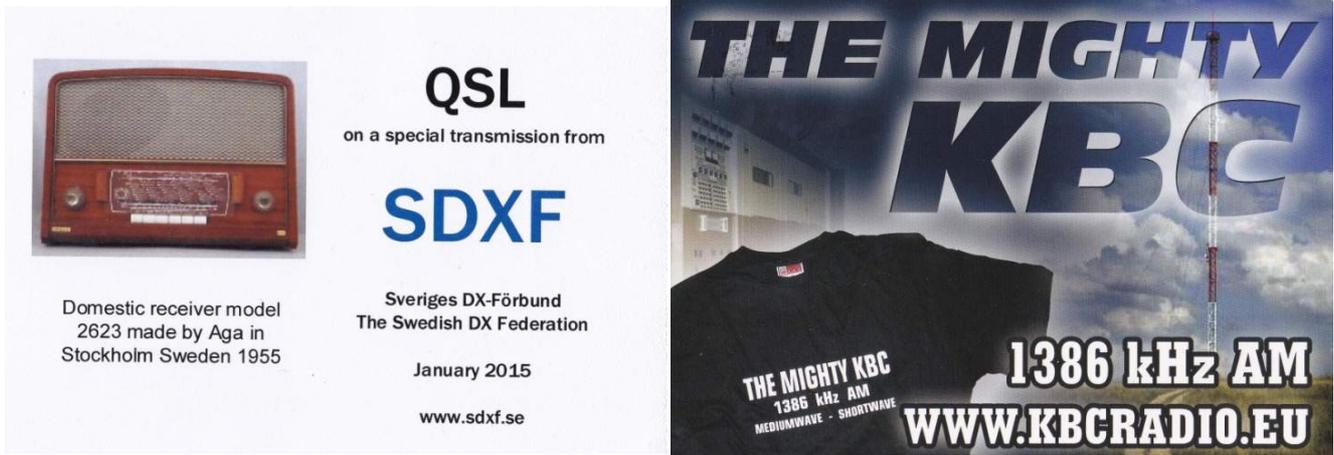
Christer Brunström: Ytterligare QSL: **Europa24 6150 kHz** med QSL-kort och brev.

Voice of Turkey 12035 QSL-kort + glasunderlägg. **Radio Gloria International, Göhren**

bei Schwerin 6190 brev, QSL-kort, dekal. **Scandinavian Weekend Radio 11720** brev, kort och turistbroschyr.

Walt Salmaniv via DXplorer: A fascinating morning (March 11) on the Tropical bands with great conditions to Indonesia. Typing this from the beach, looking at Alaska. My only cell service available from town is at the beach! 73, from Masset, BC

Peter Jacobsson: Två QSL som droppat ner i brevlådan.



Christoph Ratzer: Sends a nice recording of R Mongolia from March 5 and says: Now real audio from 209 here in Salzburg around 00 UT. The transmitter picture to the right comes from the Facebook Page of the city of Ulgii ;-).

John Ekwall: Tyvärr hade jag inte fortsättningen på 1956 års tabell, så det blir 1957 istället. Passade på att även ta med upp 9200, så där syns bl a Barbados 7547.

Tabellerna hittar ni på de sista sidorna.

(Tack JOE för ditt arbete med att gå igenom gamla tidskrifter och skanna intressanta delar. /TN)



The Nine Nines

The coldest period of Mongolian winter lasts for 81 days. It is divided into nine periods of nine days, and each period has a meaning attached of the various things that will freeze during that period. Winter starts on the Winter Solstice, which was December 21st this year, and so it ends on March 10th (a day I am awaiting with great anticipation).

- 1st: Mongolian vodka made from mare's milk will freeze
- 2nd: A different type of Mongolian vodka made from mare's milk will freeze (or Russian vodka, depending on who you talk to)
- 3rd: The horns of 3 year old bulls will freeze
- 4th: The horns of 4 year old bulls will freeze
- 5th: Rice will not freeze
- 6th: Some snow will melt and you will be able to see the lines on the road (that is, if there is a road and it has lines....)
- 7th: The snow will melt from the top of little mountains
- 8th: The road will be slushy
- 9th: It will be warm (I'm assuming that's relative)

(From Voice of Mongolia's website <http://en.vom.mn/i/7681>)

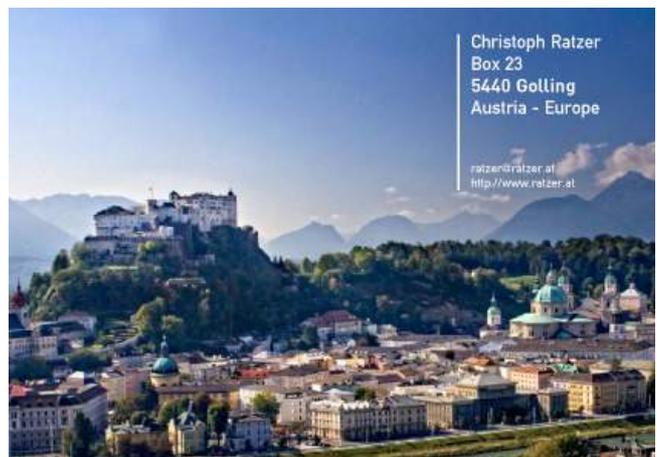


1946 Dynatron dial

I found a nice picture of the tuning dial on a 1946 Dynatron Merlin T.69 console radio receiver. In my opinion the scale is very appealing with the scale pointer like a shadow behind. The set is also equipped with magic eye in the upper right corner. Those old radios surely looked good and it must have been a certain feeling tuning around among all the active stations with the magic eye glowing with pleasingly green light. /TN



Christoph Ratzer is also a radioamateur with the call OE2CRM. He enclosed some very nice cards from Salzburg in a mail to me.



Some years ago we were down in Salzburg on vacation. The surroundings there is fantastic. Among others you can see Salzburg faraway from the Eagle's Nest close to Berchtesgaden. Enjoy! Thanks for the nice postcards. /TN

Log

(UTC)

2485	Feb26	1206	ABC Katherine doing better than 2325 Tennant Creek oddly enough at 1206 w/ "Bloody Sunday" by U2. (Dave Valko)
2056	Mar10	1235	Wiluna VOLMET. Peaking at about an S6. (Tim Rahto)
2368,47	Mar9	1209	Radio Symban (presumed), 1209-1228 . Greek singing coming through the noise. Has been a while since I last heard them; poor; slowly fading up & down (Ron Howard, Asilomar State Beach, CA, USA)
2368,5	Mar10	1230	R. Symban. I have never caught a trace of this station before this morning. It wasn't much, but I definitely heard an OM singing Greek music for a few seconds at a time. I finally got a little bit of audio out of Radio Symban this morning. Not much, but I did manage to catch a couple of two or three second snippets of men singing Greek music on 2368.5. The signal was much stronger than yesterday, when there was barely a carrier on 2368.5, but the Aussie domestic service VL8s were all exceptionally loud. The VL8s seemed off from yesterday's super strong signals, but Radio Symban somehow managed to make an appearance. The Australian VOLMET station on 2056 out of Wiluna was strong this morning as well. I love springtime propagation! (Tim Rahto)

2368,5	Mar11	1430	Radio Symban finally audible at poor level around 14:30 with Greek music. (Walt Salmaniv via DXPlorer)
2485	Mar9	1225	VL8K. A surprisingly strong signal from the Australian domestic service, peaking at a 10 over 9 on the Perseus. It's much louder than VL8T on 2325, and even louder than VL8A on 4835. This is probably the loudest I've ever heard them, and were still coming in at an S7 around the top of the hour. (Tim Rahto)
3221,6	Feb26	2315	Não identif._GRC, canções; 2. ^a harm. de 1610,8; 25331 (Carlos Gonçalves)
3255,00	Mar7	1750	BBC, via Meyerton English interview, CWQRM in USB 34343 (AP-DNK)
3260			NBC Madang at 1158 with possible religious devotion to 1200 announcement and song by children, man with couple of announcements during song, signal fading down into noise - Poor. (Sellers-BC)
3290-	Mar5	0140	V. of Guyana, Georgetown tune in to instrumental music. Good signal strength but heavy static although no sign of usual Ute QRM. Deep voiced om speaking over instrumental version of Beatles "Michelle" then into R & B vocal. Static causing severe distortion to audio so very little details heard. Best signal I've heard since their reactivation although the static is making for difficult listening. Music continued past TOH with 50's style ballads. Announcer also back but his deep bass voice is lost in the static. (Stephen Wood, Harwich, Mass, via DXLD)
3324,885	Mar11	1202	RRI Palangkaraya. Thanks to Dave Valko for the frequency measurement; positive confirmation it's them; Jakarta news ending at 1222 with usual patriotic song "Bagimu Negeri"; news // RRI Ternate (3344.85) // RRI Wamena (4869.90). Later much stronger; at 1434 local "RRI Palangkaraya" ID and again played the patriotic song "Bagimu Negeri"; indigenous chanting/singing; 1502*. Great to have them back again and to confirm it's them! https://app.box.com/s/kqbxbyaoyaccf5fennfmokefynay1m2 has audio (Ron Howard, Asilomar State Beach, CA, USA)
3324,887	Mar11	-1503*	RRI Palangkaraya excellent reception to sign off just before 15:03. Didn't hear a sign off, but may have missed it if it was earlier. (Walt Salmaniv via DXPlorer)
3324,885	Mar12	1142	[Non] RRI Palangkaraya, off the air from checking at 1142 through 1426. (Ron Howard, San Francisco at Ocean Beach, CA, USA)
3324,96	Mar8	1154	Possibly RRI Palangkaraya testing transmitter on 3324.96? Since mid-Dec have been checking here looking for their return, but always nothing here. March 8, decent level open carrier at 1154 & 1227; gone by 1304; never able to make out any audio, but seemed the right strength signal to be the RRI transmitter. Needs more monitoring! (Ron Howard, Asilomar State Beach, CA, USA)
3325	Mar9	1235	Unidentified. I had a decent signal from either RRI Palangka (the more likely suspect) or NBC Bougainville on 3325, but it disappeared as quickly as it appeared. Atmospherics or transmitter? No idea. (Tim Rahto)
3344,864	Mar11	-1502*	RRI Ternate equally powerful with a lovely sign off at 15:02. (Walt Salmaniv via DXPlorer)
3364,98	Mar2	1033	NBC Milne Bay back on?? Noted as early as 1033. Covered by nasty pulse wideband signal at 1145 but still there. And just as the pulsing signal was disappearing at 1151, lcl QRN started. So never did get anything to go on. (Dave Valko)
3364,982	Mar11	1502	Radio Milne Bay around the same time at fair level with a slow upward drift. (Walt Salmaniv via DXPlorer)
3385	Feb26	1153	NBC East New Britain 1153 usual YL DJ, then "Shine a Little Heaven" by Kenny Rogers, YL back w/song anmnt and more, then another C&W song. At the end of the song, went right into a mx promo, then usual NBC signature and nx by M to 1208, promo, then W w/regional nx. ID during nx at 1216:35. 1221 end of nx, then ad. Still barely getting audio w/mx at 1250 just before the signal went off at 1251:56. Pulsing UTE QRM. (Dave Valko)
3905	Mar7	1905	Radio New Ireland, Kavieng, Papua, SIO 252. Welche Freude: Auch Anfang März ist Radio New Ireland noch schwach zum Sendebeginn um 1905 UT zu hören. Mehr als S4 wird es aber nicht mehr. Ungestörtes Signal, was sich Samstag Abend sicher noch ändern könnte. (Christoph Ratzer)
3905	Mar8	*1900-	R New Ireland with sign on 1900:08 but quite weak signal due to noise from our TV-set. Heavy fading. Better signal on March 10 peaking at 2000. TN
3905	Mar9	1230	NBC New Ireland. Barely audible under a lot of 75m ham transmissions. (Tim Rahto)
3905	Mar11	1920	Radio New Ireland, Kavieng, Papua, 1920 UT, SIO 252 Dünnes aber hörbares Signal, schöne Chormusik aus dem Pazifik. (Christoph Ratzer)
3905,1	Feb28	1901	R.Alice_HOL, holandês, canções holandesas, indicação do n.º de telef., ID como R.Ohio e outra; 45433. (Carlos Gonçalves)
3925	Mar12	1147	Radio Nikkei One at 1147, talk in Japanese, //6055 (good) & 9595 (fair) - Good. (Sellers-BC)
3930	Feb28	2208	BLI Over 60° R_FIN, 2208-..., inglês, canções americanas, texto; 35343. (Carlos

3945	Mar9	1329	Gonçalves) R. Vanuatu. Not very strong, but I managed to hear them after Radio Nikkei's sign off. (Tim Rahto)
3945	Mar12		R. Vanuatu (presumed) at 1427. A second day of announcements; must still be giving cyclone info, but too weak to confirm; not the normal non-stop musical loop; ham QRM rather strong. Checking from 1216 to 1305 on March 14, found nothing on either 3324.885 (RRI Palangkaraya) nor 3945 (R. Vanuatu). As it's the weekend, Japan signed off early, leaving 3945 in the clear, but not a trace of Vanuatu.

Thanks to Bryan Clark (New Zealand) for the following info.			
<i>"Radio Vanuatu definitely missing last evening when I checked in the 0800 to 1000 UTC period, Australian TV news monitored last night was showing the heavy devastation around Vila. Hopefully the issue is just power supply as so much of the island group can only receive the shortwave signal. We are waiting for Cyclone Pam to reach Northland NZ from this afternoon - winds currently gusting to 35km and barometer falling fast. Rain will be welcome as we have had no decent falls this year to date. Regards, Bryan, Mangawhai, NZ"</i>			
(Ron Howard, San Francisco at Ocean Beach, CA, USA)			
3945	Mar12	1150	Radio Nikkei Two at 1150, popular Japanese song and talk - Good. (Sellers-BC)
3945,001	Mar11	1453	Radio Vanuatu at 14:53 with dog barking, which seemed to have been a call for an emergency announcement. Fair level, but spoiled by hams at exactly 15:00. (Walt Salmaniv via DXPlorer)
4010,00	Mar14	*0000-	Kyrgyz R 1, Krasnaya Rechka Fanfare, short ann in Kyrgyz by man and woman, choir sings the long National Anthem, Kyrgyz opera with orchestra music, ann. // 4820.86 (AP-DNK)
4055	Mar6	0609	R. Verdad in national anthem by children`s choir. Much like the Mexican, it goes on and on with repeating multiverses (but different lyrics?), too much distortion to understand anything. Cadence slows down for finale, ending at 0613.5 and carrier on a while longer (Glenn Hauser, OK)
4055	Mar6	0230	Radio Verdad aus Guatemala war heute gegen 0230 UT wirklich gut auf 4055 kHz u hören. Ein Mitschnitt nun in meinem Blog http://remotedx.wordpress.com (Christoph Ratzer)
4716,7	Mar1	2239	R.Yatun Ayllu Yura, Yura, quíchua ou aimara, canções índias; 25331. (Carlos Gonçalves)
4716,7	Mar2	1013	R. Yura OC on the air at 1013:30. Pgm start at 1020:52 w/instru. campo mx and W anncr w/2 IDs w/ment of onda corta. Canned anmnt by M, then into campo song, and W anncr at 1023 w/ID and tk in Quechua. 2 more songs and W returned at 1028 for abt a min, then back to mx. Fading badly by 1040. (Dave Valko)
4747,57	Mar2	1007	R. Huanta Dos Mil OC at 1007 start. Band NA start at 1014:58. Canned shouted anmnt by M at 1016 and OA campo mx. Fantastic w/canned IDs at 1021:30, 1023:15 and 1024:05, and live ID at 1024:20, canned ID again at 1024:55. 1027:30 beautiful live ID. Into long tk pgm by M w/mic placed across the room from 1028-1058. Ment of amigos oyentes and "...estudios de Huanta" near beginning. (Dave Valko)
4747,6	Mar1	2235	R.Huanta 2000, Huanta, castelhana, canções índias; 35332. (Carlos Gonçalves)
4750,00	Mar5	2230	Voice of China, Hailar, Nei Menggu. Chinese report from the People's Congress with fanfare, speech with round of applauses from 3.000 listeners and comments, 2230 another fanfare and ID, 35242 // 4800 (55444), 5010 Jammer on TWN (53433), 6000 (32332), 6030 (43333), 6080 (45434), 6125 (32332), 6175 (31431), 7215 (45333) and more frequencies to ensure, that all Chinese could hear it! (AP-DNK)
4750,00	Mar9	1625	Bangladesh Betar, Khabirpur Bengali ann and folksongs 45233 (AP-DNK)
4755+	Mar9	-1200*	Very poor carrier until cutoff at approx. 1200:12*, surely PMA The Cross, V6MP in standard auto-behavior. Latest exact measurement was 4755.58 by Christoph Ratzer, Austria, A-DX via SWB, Feb 28 at *2000- (Glenn Hauser, OK)
4760,0	Mar8	-1730*	AIR Port Blair with mx, weak but readable. Sign off just a few seconds after 1730. Also noted March 12 at sign on at 2356. The signal is always stronger at that time than in the afternoon. TN
4765	Mar1	2242	R.Integração (p *), Cruz.º do Sul AC, relato de jogo de futebol; 34332, QRM de CO-DAR. Bloqueado pelo sinal do Tajiquistão, logo antes das 2300. *) Pelo azimute da Beverage utilizada, presumo ter-se tratado desta emissora, não da R.Rural, Santarém PA. (Carlos Gonçalves)
4765	Feb27	1015	R. Rural (pres.) 1015 lively ZY Pops. Seemed like canned anmnts between songs. 1024 M anncr in PT. The signal strength was sufficient but the modulation is really

			low, probably the main reason why this is so difficult. (Dave Valko)
4765	Mar 3	0128	Radio Progreso, Cuba, romantic songs, fair/good (Bernardini)
4765,00	Mar13	0105	Tajik R 1, Yangiyul Tajik talk, local string music and song. Weak QRM from R Progreso, Cuba (AP-DNK)
4774,9	Mar1	2232	R.Tarma, Tarma, castelhano, relato de jogo de futebol; 33442, QRM de CODAR. (Carlos Gonçalves)
4774,9	Mar2	1007	R. Tarma Tremendous signal at 1007 t/in w/beautiful OA campo mx. 1012 one ad and one ID/promo, and back to mx. 1015 another ID/promo w "la hora exacta" by M. 1019 ad block ending w/ID/promo sounding like "R. Tarma la voz las puerto mundial". 1030 usual canned ID and "Musica Folklorica Nacional" pgm ID, then the usual ID/promo bracketed by jingles. (Dave Valko)
4810,00	Mar9	-1730*	Armenian Public R, Noratus, Gavar Armenian talk, folk songs, closing ann 34243 CWQRM in USB (AP-DNK)
4810,00	Mar9	-1742*	AIR Bhopal 1730 English news, 1735 Hindi news, 1742 closing ann. Also noted on March 13 at 0110. (AP-DNK)
4817,9	Feb28	1849	sinal c/ port. ^a vazia. Quadrantes prováveis: N ou S. (Carlos Gonçalves)
4820,832	Mar13	1645	Birinch Radio suffering from a very strong Xizang on 4820. Also noted at 0100. TN
4820,86	Mar13	*0000-	Kyrgyz R 1, Krasnaya Rechka. Also noted on March 14. Same programme in Kyrgyz as // 4010. Xizang on 4820 QSA 3 at 0000, but fading out, while Kyrgyz R became stronger. (AP-DNK)
4824,47	Feb27	1057	LV de la Selva (pres.) Quite readable canned anmnt by W 1057. But that was about it. Could hear a M and some mx before 1100 ToH, but just audio still not strong enough. (Dave Valko)
4835	Mar4	1119	ABC Alice Spring Cricket coverage between Sydney and Melbourne. No break at BoH. Good signal and very little 4840 WWCR splash QRM. Bad CODAR QRM of course. (Dave Valko)
4845	Mar1	2215	R.Cultura do Amazonas, Manaus AM, relato de jogo de futebol, c/ pausas p/ anúncios comerciais; 44433, modulação c/ ruído, durante algum tempo. (Carlos Gonçalves)
4845,02	Mar8	0000	R Cultura Ondas Tropicais, Manaus, AM PP ann, Brazilian pop songs. (AP-DNK)
4850,00	Mar13	0120	Xinjiang PBS, Urumqi Kazakh talk by man and woman with music in the background 35243 (AP-DNK)
4865	Mar2	1040	pres. R. Verdes Florestas OC came on the air at 1040:47. Still no audio to 1105 (Dave Valko)
4869,90	Mar12	1233	RRI Wamena with Thursdays "Kang Guru Indonesia" program in English staring at 1233 with "KGI" jingle; only understanding bits & pieces of the language lesson; slowly improving. (Ron Howard, San Francisco at Ocean Beach, CA, USA)
4875	Mar1	2218	R.Dif. ^a de Roraima, Boa Vista RR, canções, QRM de CODAR. (Carlos Gonçalves)
4875,09	Mar13	0125	R Dif. Roraima, Boa Vista, RR Portuguese ann, Brazilian pop songs 35233 (AP-DNK)
4885	Mar6	0609	lively Brazilian music vs CODAR swooshes, so R. Clube do Pará, Belém, is back to 24-hour service after missing a week or so; at 0710 some ads mentioning Pará. The other 4885 ZY, in Rio Branco, is listed in WRTH as 09-04 UT (Glenn Hauser, OK)
4885	Mar8	0617	R. Clube do Pará is gone again, at least from overnight service (Glenn Hauser, OK)
4885,03	Mar8	0005	R Clube do Pará, Belém, PA Portuguese excited talk 35233 (AP-DNK)
4895,00	Mar9	-1659*	AIR Kurseong Nepali ann, local folksongs 44243 QRM South African R League (AP-DNK)
4895,00	Mar9	-1724*	South African R League, via Meyerton English talk about U.S. HAM's, QRM AIR Kurseong until 1659*, then clear. English news about HAM equipment, 1718 interview about celebration of anniversary of South African R League featuring the listening conditions in year 1920, 1723 closing ann: "A.R. Today" 32/5233 (AP-DNK)
4905,003	Mar13	0100	China strongest here but on 4905,016 there is a weak carrier. How is the situation for R Relogio on SW? Definitely gone or not? TN
4915,00	Mar4	2245	R Daqui, Goiânia, Portuguese religious talk. QRM Xizang 4920 (AP-DNK)
4925,2	Mar1	2220	R.Educação Rural, Tefé AM, rubrica de futebol; 44433, QRM da CHN, em 4920. (Carlos Gonçalves)
4925,22	Mar13	0145	R Educação Rural, Tefé, AM Portuguese talk 15221 (AP-DNK)
4949,75	Mar1	2252	RNA-Canal "A", Mulenvos, texto; 35433, modulação extremamente baixa. (Carlos Gonçalves)
4949,75	Mar13	0150	R Nacional de Angola, Mulenvos Portuguese talk 15111 (AP-DNK)
4950-	Mar9	0521	Very poor carrier, JBM, presumed RNA as always off-frequency. Must be about to fade around local sunrise, 0511 today at Luanda per gaisma.com. Latest precise measurement of it was 4949.75 by Carlos Gonçalves, Portugal, who also said modulation was extremely low, March 1 at 2252 (Glenn Hauser, OK)
4955	Mar2	1043	R. Cultural Amauta Popped on late at 1043:25 w/lively LA Pop mx. Odd mx for a

			rel. stn. Pgm hosted by W in Quechua. 1045 canned anmnt by 2 men w/ment of "...musica ?? Huanta...". (Dave Valko)
4955,00	Mar8	0010	R Cultural Amauta, Huanta Spanish talk 25232 (AP-DNK)
4965	Mar1	2229	R.Alvorada, Parintins AM, canções; 45432. (Carlos Gonçalves)
4980,00	Mar13	0155	Xinjiang PBS, Urumqi Uighur conversation, continued through Top of the Hour 25232 (AP-DNK)
4985,5	Mar4	1101	R. Voz Cristiana 1101 already on w/usual long series of canned anmnts. Noted one w/girl shouting "Voz Cristiana" at the end that I never noted before. 1105 another promo/ID. 1107 phone # in Lima given in ad, followed by another w/ment of "Voz Cristiana". Finally into campo-like mx at 1108 w/very rapid hard pounding drum beat. Hrd them play this song before. Fading very quickly after 1106. The window is closing quickly on this one. (Dave Valko)
4989,988	Mar8	0125	R Apintie with the same type of mx as our son brought back from his visit there last year. The music of Suriname is known for kaseko music, and for having an Indo-Caribbean tradition. As usual more or less just above noise level.. TN
4990	Mar1	2230	R.Apintie, Paramaribo, canções, texto, presumivelmente, em holandês; 34331, QRM de teletipo. (Carlos Gonçalves)
5010,00	Mar3	-0020*	Voice of China jammer on TWN, which had signed off at 2400*. Chinese advs, talk // 4800 45434 (AP-DNK)
5010,56	Mar7	1741	R Nasionaly Malagasy, Ambohidrano Malagasy talk - very weak, audible after AIR Thiruvananthapuram carrier signed off at 1741* 15121 (AP-DNK)
5010,7	Feb28	1847	R.TV Madagasikara (p), Ambohidrano, malgaxe (p), texto; 35332, modulação muito débil. (Carlos Gonçalves)
5019,88	Mar4	1140	SIBC on again this morning but just getting hammered by Rebelde at 1140 check. (Dave Valko)
5019,88	Mar8	1856	SIBC (t) with weak signal from the old transmitter. Always much stronger when on 5020,0. TN
5020	Mar11	1750	Solomons 5020 are audible with good signal, 1750 UT., Der Sender in Honiara sendet heute mit verlängerten Programm, Ron Howard berichtet über Warnungen zum Wetter... "Solomon Islands Meteorological Service update," "flash flooding,".... (Christoph Ratzer)
5020,0	Mar10	*1902-	SIBC signs on. Their new transmitter most times with better signal than the old one on 5019,88. Best signal here around 1930. TN
5020,00	Mar11	1247	SIBC. Recently had been off frequency; March 11 special extended schedule to provide tropical storm/cyclone info in Solomon Pijin; with random listening from 1247 to 1505; mention of: "Solomon Islands Meteorological Service update," "flash flooding," phone number to call in with reports of property damage; several phoned in reports of weather conditions, "storm moving at 3 knots," "What God can do," etc.; segment of Christian religious songs in English; many pop Pacific Island songs; mostly air. https://app.box.com/s/goecpp2zj3sdmbk0hkxge426m419yvjf has some audio (Ron Howard, Asilomar State Beach, CA, USA)
5020,00	Mar12		SIBC. After yesterday's special extended schedule to provide tropical storm/cyclone info, today back to normal; 1156 "Welcome to our evening devotional," full ID and National Anthem; 1201*; decent reception. Audio at https://app.box.com/s/zz1loecgc50enjz4yb6n0mrrcljpk8su . (Ron Howard, San Francisco at Ocean Beach, CA, USA)
5024,93	Feb26	1034	R. Quillabamba Found at 1034 w/Rebelde off. Had the usual 15 minute religious talk from 1030-1045 by the same Padre as in the past. Definitely IDable. But of course Rebelde popped back on at 1036. Horrendously noisy this morning due to abundant lightning strikes from thunderstorms along the southeast coast. Sounds as bad as at any time during the Summer. (Dave Valko)
5035	Feb26	2329	R.Aparecida, Aparecida SP, progr. Com A Mãe Aparecida. (Carlos Gonçalves)
5050	Mar5	1300	"Guangxi Beibu Bay Radio." They have dropped their former ToH format; no longer with native speaker of English with "The time now is 9PM, Beibu Bay Radio" followed by the sound of cuckoo. Instead now a non-native speaker of English gives - "Beijing time is now 9PM," followed by multi-language IDs (English - "FM .?. Guangxi Beibu Bay Radio"; in the past was "FM 96.4," but hard to confirm that. March 5, from 1300 to 1305; poor in English; new ID format, then "On the occasion of the Chinese Spring Festival" [Chinese New Year] sends "greetings and warm wishes to the overseas compatriots and friends in SE Asia countries"; info about China-ASEAN relations; "We warmly welcome you to Guangxi." ToH audio https://app.box.com/s/hil1aldw54uzczrphwajqvxa8wagk3 . Also at 1322 the usual segment in English and Chinese, about a Chinese photographer. March 4, with terrible anomaly (a rare one I hope!) of hearing WWRB with the Overcomer Ministry still on

			5050 till past 1147, thus totally blocking BBR. Hope only a one day event! (Ron Howard, San Francisco at Ocean Beach, CA, USA)
5580,23	Mar1	2320	R. San Jose (pres.) Noted the signal here at 2320 w/audio right at threshold. Got a little mx at 2325. A tad better by 2334 w/LA Pop song and W vclist. Still no better by 0005. (Dave Valko)
5857,5-	Mar5	1307	HLL2 Seoul. For the past year the audio here has been terrible, being very garbled. Nice surprise today to find they have fixed the problem. In English with weather information; providing wind direction, wind speed in meters per second, air pressure in hectopascals and temperature in Celsius; almost fair. Audio at https://app.box.com/s/2fk5yr334zwrkrk2stvw9uv49zqv4r4 . (Ron Howard, San Francisco at Ocean Beach, CA, USA)
5902	Feb28	2002	BLI R.Barracuda_HOL, canções; 45443. (Carlos Gonçalves)
5915	Mar1	2002	ZNBC-Radio 1, Lusaka, dialecto local, texto; 35432. (Carlos Gonçalves)
5952,45A	Mar13	0039	Radio Pio XII, Siglo XX, in nicely at fair level, from talk to Andean music, later talk unseems Spanish (Glenn Hauser, OK)
5952,5	Mar 3	0140	Radio Pio XII, Bolivia, conversation, Andean music, weak/fair (Bernardini)
5980	Mar9	1206	[non]. R. Martí very good with no jamming audible, bad news about Sen. Menéndez. 5980 runs until 1300 UT even during Cubano=Americano DST, while 6030 is off after 1200. In A-15, 5980 is registered for 07-10 only. BTW, there is a proposal to ``privatize`` R. Martí organizationally, but still pay for it with USG funds, trying to have it both ways, hoping the Cuban Commies will appreciate such a modification (Glenn Hauser, OK)
5980	Mar13	0035	[non]. JBA carrier, presumed R. Chaski; from 0102 I am monitoring intently as there now seem to be two carriers slightly apart beating with BFO. Projected Chaski cutoff 6 nights since last check should be circa 0105:41 but cannot detect any difference then or for two more minutes, but still beating, so maybe both Chaski and BBC/UAE are still on, or it's just propagational wavering from UAE (Glenn Hauser, OK)
5980,00	Mar7	1550	Scandinavian Weekend R, Virrat Finnish ann, Finnish pop songs, QRM CRI in Japanese on 5980 22322 // 11690 (AP-DNK)
5980,1	Mar9	2356	Radio Chaski with good signal completely alone on the frequency. Singing ID. Several Gracias a Dios. 
5985	Mar8	2325	BBC signs on at 0059 spoiling the reception. TN Padauk Myay Radio, Burma, 2325 UT, SIO 332. Und gleich beginnt der Morgensport! (Christoph Ratzer)
5985	Feb27	1534	Myanma R, Naypyidaw, inglês, texto, música, QRM só às 1600. (Carlos Gonçalves)
6000,0	Mar13	0000	Just after R Habana Cuba sign off China can be heard but not especially strong. More interesting is a carrier visible on 5999,987, maybe a sign of R Guaíba noted just below 6000 a few months back. What else? TN
6010,03	Feb28	2200	R.Inconfidência, Belo Horizonte MG, futebol (?); 22431, QRM da CHN + sinais adjacentes. (Carlos Gonçalves)
6015	Mar5	1000	KBS Hanminjok Bangsong 1. Recently have been enjoying the program "Pops Freedom"; mostly in Korean; many pop songs in English; series of three very nice canned IDs, two given in English (one by native English speaker) and one in Korean; "Now you are listening to KBS, Pops Freedom" and several mentions of "Pops Freedom"; within the "Pops Freedom" program is the segment of "Everyday English" language lesson. Heard daily, "Pops Freedom," from 1000 to 1030; especially good reception recently when white noise jamming was off. Excellent recording of series of IDs in English: https://app.box.com/s/6csq7upcgik8wf9m6ca27kc5grg3u3ma . Good segment of "Everyday English": https://app.box.com/s/x0vkablypf10kepng9gr1ziedqevsq1j . Clear ID in Korean: https://app.box.com/s/kxuj129bd6ojpnygqe0lxmgc1tkyrpdf . (Ron Howard, San Francisco at Ocean Beach, CA, USA)
6030	Feb25	2300	CNR1 Canned anmnts by M and also W, some w/mx bed. // to the CNR1 jammers 6280 (poor), 11500 (very good), 12870, and 12910. All the jammers went off by 2300 but this remained. (Dave Valko)
6034,95	Mar2	1200	BBS Again, found here staying on past 1200. 1212 usual M anncr w/pres. nx to 1220, then the lcl stringed instru. mx for abt a min. and M returned. Lively lcl mx bridge at 1223 and W anncr but fading badly and quickly by this time. Had to notch out Yunnan of course. Could still see both BBS and Yunnan easily at 1309, so BBS staying on very late today. (Dave Valko)
6034,96	Mar7	0101	Bhutan also good here. Some sort of religious ceremony until 0101 when IS and ID comes. On Mar 8 sign on at 0101 and directly into news (?). TN

6034,96	Mar9	1146	BBS, 1146-1157. One of their best days ever; in accented ENGLISH (which matches their schedule!); 1146-1153 with YL interviewing OM (about school & homework?); ID for "BBS"; lost them about 1157 (maybe went off, but too much adjacent QRM by then to tell). Audio at https://app.box.com/s/1gdzn0zorygnlavpyh4blp8ziviyyqg . Very pleased with this reception! No PBS Yunnan QRM (Ron Howard, Asilomar State Beach, CA, USA)
6035	Mar7	0040	BBS Thimpu, Bhutan. Der Bhutan Broadcasting Service ist zum Sendebeginn um 0040 UT auf 6035 kHz zu hören. Geringe Störungen durch die Nachbarkanäle. Zum Sendestart aus der Hauptstadt des Himalaya-Königreichs Bhutan überträgt man eindrucksvolle Mönchsgesänge. (Christoph Ratzler)
6040	Feb26	2345	R. RB2, Curitiba PR, peça musical passada repetidamente, por motivos técnicos ou por ocupação de frequência.; 34432. (Carlos Gonçalves)
6040	Mar13	0046	Brazuguese mentions ``canal aberto`` --- not exactly, but it`s RB2, much better on 11935v. Not heard on 9725 lately tho I have not pursued it there assiduously (Glenn Hauser, OK)
6070 6080	Mar 3	0147	CFRX, relay CFRB, Ottawa, Canada, interview, fair (Bernardini) R.Marumby, Curitiba PR, 2204-2211, 28/2, propag. relig.; 22441, QRM da CHN. // 9515. (Carlos Gonçalves)
6125+	Mar13	0052	JBA carrier definitely on the hi side, maybe RN Uruguay which was reported active last week with 300 watts. Only station in Aoki at this hour is CNR1, Shijiazhuang until 0100, so I should have rechecked after then. RNU would more likely be off frequency; has anyone measured it precisely? (Glenn Hauser, OK)
6134,8 6135	Mar 3 Mar5	0120	Radio Santa Cruz, Bolivia, nice songs, fair/good better LSB (Bernardini) Voice of Freedom (clandestine). After extensive monitoring recently, am still unable to find the former language lesson "Hã Hã English," so perhaps has been dropped? Fair reception recently, especially when the white noise jamming has been off, as during the Lunar New Year. In the past I have always reported hearing a pulsating noise jamming being present with my VOF reception, even when the white noise jamming was not present, but it turns out I was wrong. Thanks very much to (Dave Valko) for his observations that in fact I had QRM of a utility slightly lower than 6135.0. Very clearly "shown" on screenshot he sent me. I was unable to differentiate between jamming or utility. Thanks Dave! One final comment about this one - recently have observed they have an instrumental theme music of "We Shall Overcome" that they often play now. (Ron Howard, San Francisco at Ocean Beach, CA, USA)
6135,2	Feb26	2332	R.Aparecida, Aparecida SP, cf. // 5035; 44433. (Carlos Gonçalves)
6155,14	Mar4	1041	R. Fides 1041 tlc by M host in SP but very distorted weak audio. Over top of China. Very fady as well. The audio on Fides has gotten very bad in the last year or two. Extremely difficult to ID now. (Dave Valko)
6170,00	Mar7	1030	Scandinavian Weekend R, Virrat Finnish conversation and songs by choir 25232 // 11720 (15231, Off from 1400*) (AP-DNK)
6185	Mar 3	0203	Radio Educacion, Mexico, serious Mexican music, fair (Bernardini)
6210	Mar 3	2230	I AM Radio, Italy, disco songs, ids, good //1350 MW (Bernardini)
6284,9	Feb28	1909	R.Norton_HOL, holandês/ingl., música pop'; 35433. (Carlos Gonçalves)
6300,1	Feb28	1916	R.Joey_HOL, música pop'; 35433. (Carlos Gonçalves)
6940	Mar 3	2150	Premier Radio International, Ireland, nice hits, fair good, ids off 2218 (Bernardini)
6950	Feb28	1918	R.Blackbeard (p)_G, música pop'; 34443. (Carlos Gonçalves)
7120	Feb27	1712	R.Hargueisa, Hargueisa, Somalilândia, somalês, texto, canções; 33442, QRM de emisoras de amator. (Carlos Gonçalves)
7174,987	Mar3	1400	Radio Eritrea Asmara repaired and re-appeared on 7175.0 BC A3E in 1400-1830 UT range from March 3rd. Not heard regularly since at least August 2013. At 1730 UT 'VOBME ID' in Arabic says Jari Savolainen, March 5. [formerly also 0300-0700 and 0930-1100 UT]. You can check the (weak tiny in Europe) signal, which I traced on 7174.987 kHz footprint from 14.14 UT March 4 continuously. Yes 100%, same frequency like in April 2009. Am 15. April war Radio Eritrea mit mehreren Frequenzen im 40-m-Band aktiv, die alle \ liefern: auf 7140, 7165, 7175 und 7185 kHz. Die Frequenzen wurden laufend gewechselt, um den Störungen der Aethioper durch weisses Rauschen auszuweichen. Selbst auf 7090 und 7095 kHz ist Radio Aethiopien nun manchmal zu hoeren, vermutlich um dort die Sendungen der "Stimme der Breiten Massen" zu stoeren. (Nachrichten der DARC-Bandwacht, April 22, 2009) wb ----- "Dimtsi Ertran" ID's, so probably normal Eritrea sce reactivated. (Mauno Ritola-FIN, wwdxc BC-DX TopNews March 4) ----- I confirm Peter's message: 03 March 2015 1505-1530 UTC on 7175.0 kHz BC-Station

with music, S=9+5dB, not very strong in Phuket/Thailand receiving unit. 73's de Ralph {Meissner}, HS0ZFL, DK3GH (intruder alert iaru-r1 bandwatch, March 3)

 Noted here in South Eastern Massachusetts at 0305 UT March 5 with distinct Horn of Africa vocals. Good signal with some ham QRM, slight fades. I assume sign on was 0300 UT but I missed it (Stephen Wood-MA-USA, DXLD)

7174,987 Mar4 1731
 7174,989 Mar4 1542

Voice of the Broad Masses with ID at this time. Strong. TN
 Ethiopia / Sudan / Eritrea, and countries around ? listen to that recording of 15.42 UTC March 4. 73 wb df5sx

 Seit heute treibt sich ein afrikanischer Sender auf 7175 kHz herum, meldet Wolfgang Büschel. Der Sender ist gegen 1645 UT sehr stabil auf 7174,995 kHz gut mit S9 in Salzburg zu hören, Störungen nur durch einige Funkamateure. Stärkstes Signal *nicht* an der Asien Beverage, sondern an der Windom die immer sehr guten Empfang aus Afrika bietet. Sendeschluß gegen 1830 UT. Kurz vor 17 UT schöne „Horn of Afrika“ Musik. Ich überlege immer mehr ob nicht Afghanistan für den Sender auch in Frage käme, dazu würde auch der Sendeschluß zur halben Stunde passen. In der letzten Stunde wurde oft Afghan und Kabul erwähnt, auch Kashmir wenn ich mich nicht täusche. Könnte es vielleicht auch ein Programm wegen der fürchterlichen Schneekatastrophe im Hindukusch sein? Vielleicht wurde auch nur darüber berichtet und es ist der bekannte Sender von Eritrea, den ein Technikerteam auf Afrikareise besucht hat? (Christoph Ratzer)

 Thanks to Wolfie for his today's alert of this at DXPlorer group. I monitored (4th March) 7175 from 1600. Signal was good here in Finland. It sounded like usual Eritrean HS program. At around 1730 VOBME ID in Arabic and they closed down around 1830 after the cheerful vocal version of Eritrean N/A. (Jari Savolainen via DXPlorer)

8743- Mar7 1225
 USB

Bangkok Meteorological Radio, 1225-1228. Is rare that I remember to check on this, but still being heard with fair reception; In English with daily weather forecast for shipping; 1228 into IS; address given: "Telecommunications and Information Technology Bureau, 4353 Sukhumvit Road, Bangna District, Bangkok, Thailand 10260." Audio of whole English segment at <https://app.box.com/s/t0ipu2ugw5f10mf7jzjdar245iu6t4fl>

9505 Mar 3 1924
 9515 Mar 1 2204
 9635 Mar 1 1155

(Ron Howard, San Francisco at Ocean Beach, CA, USA)
 Radio Africa, Sudan, songs, talks end bc 1930, good (Bernardini)
 R.Marumby, Curitiba PR, propag. relig. "regada" c/ hinos; 35422. (Carlos Gonçalves)
 R.Mali, Kati, dialecto local, texto, ID e anúncio das freqs., em francês, juntamente c/ o sinal de ID, seguido logo de canções tradicionais; 25443, modulação fraca. (Carlos Gonçalves)

9635,8 Mar 1 1053

R.Voz do Vietname, Son Tay, 1053-desvan. total 1125, vietnamita, texto, noticiário (?), às 1100; 25432. (Carlos Gonçalves)

9645,4 Mar 1 2209

R.Bandeirantes, São Paulo SP, anúncios comerc., futebol; 43432, QRM adjacente. (Carlos Gonçalves)

9650 Mar 1 -1757*

SAUK/R.Sonder Grense, Meyerton, africânder, rubrica de propag. relig.,..., texto, chamadas de ouvintes, anúncios de programação, peça de música clássica, interrompida abruptamente no fecho, nesta freq. (e passagem p/ 3320); 25432, tendo evoluído gradualmente p/ 44433. (Carlos Gonçalves)

9664,69 Mar 3 0238
 9664,7 Mar 1 2202

Voz Missionaria, Ioranopolis, Brazil, religious talks, fair (Bernardini)
 R.Voz Missionária, Camboriú SC, propag. relig.; 44433; // 5939,7 c/ sinal pior. Carlos Gonçalves.

9724,97 Mar 1 2354

RB2 Obviously airing a Mass at 2354 t/in. Came back at 2306 and found a series of canned anmnts including ID/promo, then into next pgm at 2307 suddenly cut off and gone at 2308:10. Very good signal. (Dave Valko)

9819,8 Mar 1 1951

R. 9 de Julho, São Paulo SP, canções, conversa, pequeno concurso assente em motivo relig. e, antes do progr. Boa Nova, um relato da R.Vaticano; 45433. (Carlos Gonçalves)

9835 Mar 1 1050

Sarawak FM via RTM, Kajang, 1050-desvan. total 1215, música pop', noticiário das 1100,...., canções corânicas; 35433. (Carlos Gonçalves)

10120 Mar 7 1241

CNR1, 1241 & 1327. Must be a new Sound of Hope (Taiwan) frequency and CNR1 programming was jamming it; in the ham band; clearly // 6125. Not yet shown on Aoki database (Ron Howard, San Francisco at Ocean Beach, CA, USA)

11665 Mar 9 1315

Limbang FM over Wai FM, from Kajang, near Kuala Lumpur. Usual start of the Mon. & Thurs. Limbang FM relay; DJ with usual background theme music throughout his show; fair (Ron Howard, Asilomar State Beach, CA, USA)

11690,00 Mar 7 1410

Scandinavian Weekend R, Virrat Finnish talk, sideband QRM 12221 improving to

34333 // 6170 (34232) (AP-DNK)

11710,69	Mar 3	0247	RAE, Argentina, reports, weak (Bernardini)
11725	Mar 3	1910	RNZI English, Interview, fair (Bernardini)
11735	Mar 3	1916	ZBC Zanzibar Tanzania, songs, talks mentioning Zanzibar, good (Bernardini)
11764,7			SRDA, Curitiba PR, 1917-1928, 01/3, pregador c/ "acelerador no fundo", ou seja, quase aos berros; 34432, QRM por espalhamento do sinal em 11775. (Carlos Gonçalves)
11780,13	Mar 3	0253	Radio Nacional de Brasilia. Brazil, songs, ids, good (Bernardini)
11855,1	Mar1	1915	R.Aparecida, Aparecida SP, conversa, canções, no âmbito do progr. dominical Varandas e Quintais; 25432. (Carlos Gonçalves)
11894,9	Mar1	2212	R.Boa Vontade, Pt.º Alegre RS, propag. relig.; 25422. (Carlos Gonçalves)
11915,2	Mar1	2258	R. Gaucha Didn't seem like there was any audio on 11914.97 BSKSA at 2258 t/in so Gaucha was audible weakly w/M ancing a Futbol match. Took a short break for an ID at 2302:20. Was gone at 0007 check. Good signal once BSKSA left at 2300 but the modulation was low. (Dave Valko)
12180	Mar 3	1040	Spy station, reported as Cuba, group of numbers in Spanish, weak (Bernardini)
13070,005	Mar4	1052	CNRI (jammer on SOH) 1052 CH tlk by M and W. Some soundbites. Canned anmnt from 1056 to 1100 ToH as usual. Time ticks and off. Never noted this odd freq before. // to abt 8 other freqs. Much stronger on the Delta Loop, but fading. (Dave Valko)
13580	Mar4	1745	Bangladesh Betar med nyheter på engelska. 3-4 CB
15190,1	Mar1	1933	R.Inconfidência, Belo Horizonte MG, relato de jogo de futebol Guarani x Atlético; 35433, e a melhorar. (Carlos Gonçalves)
17630	Mar 3	1010	R Thailand, Udon Thani, Thai, romantic songs, fair/good (Bernardini)
17800	Mar2	0600	AWR, Kigali French religious talks, several ID's. Reported to Adrian Peterson, Box 29235, Indianapolis, Indiana 46229, USA, before the transmitter closes on 28 March 45444 (AP-DNK)
17850	Mar2	1600	Oromo Voice R. (via France) 1600 start w/instru. mx and "R. Sagalee Oromoo" IDs by M and girl. Caught the beginning of the EG pgm today at 1614 w/opening ID anmnt by same girl as hrd at 1600 over instru. HOA mx as "This is Oromo Voice R. broadcasting. Oromo Voice (is) broadcasting (to Oromiya at) 16 meterband or 17,850 kilohertz (or on) Oromovoice(.org website) Oromiya broadcast 'Oromoyia Insight' program every Monday for 15 minutes at 7:15 PM Oromiya) local time. Welcome to ('Oromiya Insight')". Text in parentheses are what was uncopiable but noted in Ivo's video. Into tlk features in EG. At 1629 might have closed w/another ID anmnt by M as the same instru. HoA mx bed was used as with the opening by the girl, then off at 1630. The white noise jammer made it nearly impossible to copy anything today. (Dave Valko)

Logged on a Perseus server net unit at Piliyandala, Ceylon Sri Lanka March 5, 1630-1700 UT.

4760.002 Port Blair, S=9+5dB
4800.003 Hyderabad, S=9+20dB and \\
4809.999 Bhopal
4851.000 Kohima, 1 kHz up odd, S08
4879.996 Lucknow S=9+10dB
4894.996 Kurseong S=9
4910.002 Jaipur
4920.002 Chennai
4949.743 AGL weak from East Africa
4979.988 PBS Xinjiang
5010.007 AIR Thiruvananthapuram, S=9+30dB, but BUZZY 100 Hertz audio noted visible 17 x 100 Hertz fence like signal, either sideband 5040.000 Jeypore, very clear audio, fine signal feed.
5129.976 Radio Maranatha via Bishkek Krasnaya Rechka, Afghan Christian Radio Sadaye Zindagi Dari/Pashto station with TWR ties?

(Wolfgang Büschel)

Log 1300-1340 UT March 7, remote SDR unit in Sydney Australia used.

3905 NBC New Ireland, Kavieng, S=9+20dB in NSW Australia, modulation on usual level, spoken parts well-modulated, but music pieces very low modulation though. 1303 UT.
3945 Radio Vanuatu, Port Vila, pop mx at 1312 UT.
2368.466 R Symban, Greek folk music bcaster, S=9+5dB, contain noise level audio, at 1320 UT on March 7.
3364.991 R Milne Bay, Alotan, tiny threshold at 1325 UT.

(Wolfgang Büschel)

Contributors to the log:

Wolfgang Büschel, wb, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX Ron Howard, Asilomar State Beach, CA, USA AP-DNK, Anker Petersen, Skovlunde, Denmark TN, Thomas Nilsson, Ängelholm, Sweden Glenn Hauser, Enid, OK, USA (also from DXLD) Christoph Ratzler, Salzburg, Austria (also via A-DX) Giampiero Bernardini, Milan, Italy Carlos Gonçalves, LOissabon, Portugal Mauno Ritola, Finland via BC-DX TopNews	Dave Valko, Dunlo, PA, USA, Perseus SDR, 153 foot vertical, tilted, triangular Delta Loop, and Wellbrook ALA1530S Tim Rahto, Luther, Iowa, Perseus SDR, SAL-20 antenna Walt Salmaniw, Masset, BC Canada via DXPlorer Harold Sellers, Vernon, British Columbia, listening in my car, by the lake, with the Eton E1 and Sony AN1 active antenna via DXPlorer Stephen Wood, MA-USA, via DXLD Jari Savolainen via DXPlorer
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Station news

ALASKA. According to Konstantin Chernushenko (zav.russkim department radio) KNLS is not aired. That's the message from Constantine: The problem at the plant. A couple of weeks ago there was a very strong storm and damaged antenna wires torn in many places. Fix is not so simple, it is necessary antenna goes down. But there is frost and wind, can not yet do, apparently will have to wait warming is likely to end of March. For the first time this has happened for 30 years, but now we can not live and apparently permanently (Dmitry Kutuzov, Ryazan, Russia / "deneb-radio-dx" via RusDX March 1 via DXLD)

KYRGYSTAN. Radio Maranatha, Afghan Christian Radio Sadaye Zindagi 1500-1800 on 5130 BI 100 kW / non-dir to CeAs Dari/Pashto, video: <http://swldxbulgaria.blogspot.com/2015/03/radio-maranatha-afghan-christian-radio.html> (73! Ivo Ivanov via HCDX)

URUGUAY. RNU en 6125 kHz --- Nuevo capitulo de "The Walking Dead": RNU activa de nuevo por 6125 kHz, escuchada a las 2050 UT. <http://youtu.be/XDmvszvdXjY>
(Rodolfo Tizzi, March 4, condiglista yg via DXLD)

So Radiodifusión Nacional del Uruguay was/is? reactivated on SW. Usually these peanut-whistles are on the air only in daytime; or if at night, get swamped by bigsigs. However, WRTH 2015 does not flag it as inactive and shows 24 hours. And Spain is now gone from 6125, so we might have a chance! Aoki shows the other occupants of 6125 remain: CNR1 China at 1000-1805 and 2025-0100, so try between 01 and 10 when it's best darkness path anyway out of Uruguay. You would be even luckier to hear RRI Nabire, Indonesia on 6125 at 0600-0920, 10 kW ND, since that is probably long inactive. Not reported since Jan 2013, and even then it was tentative in Japan: <http://rri.jpn.org/dat/html/2013-01.html> And even even more so the remaining Aoki 6125 entry for Coalition Maritime Forces, Bahrain, 2.5 kW at 1400-0300. How many years out of date is that? (Glenn Hauser, OK, DXLD)

Other radio news

BREAKING DX NEWS!!!

BLANDX HAS REACTIVATED!!!

(That's Us!)

Can your bladder handle the excitement?

If so, check out our new [April 1, 2015](#) issue of BLANDX.

As always, if you get tired of all this new fresh DX humor, we've also got lots of old stale DX humor in our archive of [Historical DX Humor](#).

Included are full copies of eight print editions of BLANDX, including the [original July 1981 BLANDX](#) plus some other odds and ends (with an emphasis on the word *odd*).

Bill Kyle, CEO, The BLANDX Corporation.

(via Harold Sellers DXPlorer)



Naturkatastrophen, Zyklon "Pam" wütet über Vanuatu
Mit Sturmböen von mehr als 250 Stundenkilometern ist der Zyklon "Pam" über dem Inselstaat Vanuatu im Südpazifik gezogen. Das verheerende Ausmaß der Schäden zeichnet sich erst langsam ab.

http://www.dw.de/zyklon-pam-w%C3%BCtet-%C3%BCber-vanuatu/a-18315804?maca=de-newsletter_de_Nachrichten-2013-html-newsletter

(Heinrich Gudhardt via A-DX)



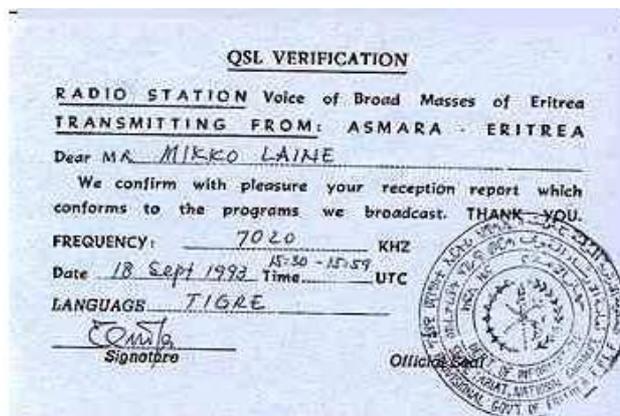
Dimtsi Hafash: (Voice of the Broad Masses)



Dimtsi Hafash: (Voice of the Broad Masses) is a state owned media that broadcasts from the capital Asmara. This national radio service begun under the liberation front in 1979. The high illiteracy rate among Eritreans, particularly in rural areas, make this medium the most effective to educate and inform the general public. Its correspondents are stationed throughout the country.

With a transmission power of 100 kilowatts, Dimtsi Hafash covers all Eritrea and it also available via satellite. It broadcasts in nine Eritrean ethnic languages, (Tigrinya, Arabic, Tigre, Kunama, Saho, Afar, Bilen, Hedareb and Nara), Amharic, Oromo and Somali languages and covers a wide range of subjects targeted at general and specific audiences. Children and youth, for example, broadcast their own shows each week.

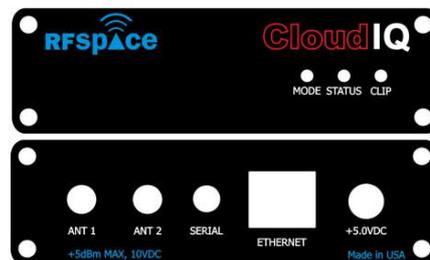
(From <http://www.eritrean-embassy.se/press-release/media/>)



Cloud-IQ info & update

I have uploaded preliminary information on the Cloud-IQ receiver to the files section of the group. This radio is a 0.009-56 MHz version of the CloudSDR without the higher frequency coverage, trigger and external reference inputs. It has very good performance and a lot of features. The price will be similar to the SDR-IQ. It includes all of the cloud based features of the CloudSDR. It also includes a serial port to control external radios.

The Cloud-IQ will be released first. We had to do this since the SDR-IQ is already out of production and the price is lower. Both the CloudSDR and Cloud-IQ have already passed FCC, CE and IC.



This morning we received the final PCB version of the Cloud-IQ. Once it is verified by building one unit by hand, it will go to production.

In the meantime, more functionality has been added to both cloud based radios. This week we added a RAW IQ mode. This is a remote mode where raw IQ data at 8 bits is taken after the built-in AGC and sent to the client. This mode is ideal for client side demodulation and cloud based direction finding, interferometry etc.

Last week we added built-in PSK31 demodulation. We have also added a second antenna port to the Cloud-IQ radio. This will allow the use of separate antennas for HF and 6 meters. This antenna switch is also selectable from the remote client. We also added a TCXO to the Cloud-IQ.

Soon, I will post an email to get a feel on the level of interest on the Cloud-IQ radio. This will help us plan for the different builds. We plan to build an initial batch of 100 units.
 (Pieter, RF Space via Simon Brown, sdr-radio-com)

You can access this file at the URL: https://groups.yahoo.com/neo/groups/sdr-radio-com/files/Cloud-IQ/CloudSDR_0v1.pdf

The spec. is such that this will be the best HF SDR available, especially with an option for ultra-low noise oscillators like I have in my NetSDR. Bandwidth max usable is ~1 MHz which isn't enough for some people, but for normal people it's the mutt's nuts.

(Simon Brown, G4ELI, <http://v2.sdr-radio.com> via sdr-radio-com)

Military Wireless Museum

Welcome to the Military Wireless Museum. The main purpose of the Museum is to preserve the history of historical military radios, such as the WS-19, R1155, WS-18, spy equipment and the likes. All of the items described on this website are part of the collection of the Museum. The Military Wireless Museum has the facilities to research and restore historical equipment. Whenever we have the chance to research a machine we will publish the results on these pages.

See <http://www.qsl.net/g4bxd/>

Here you can find a huge Eddystone collection. Among others a picture of the nowadays quite rare S750.

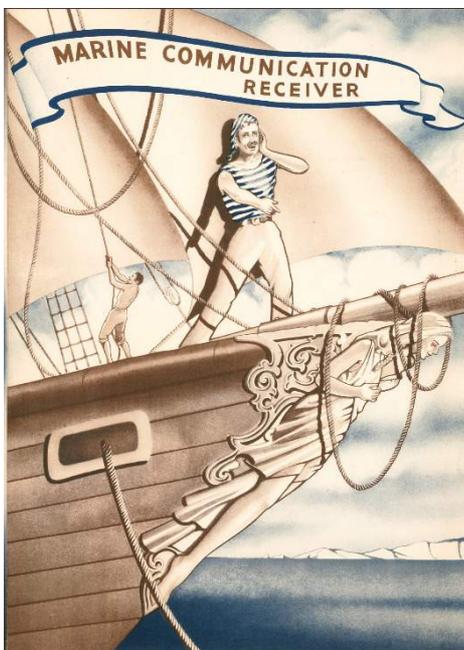
The S750 was used by Nils Olsson during many years, pulling in lots of rare stations. /TN



Eddystone User Group Web Site

A site dedicated to Eddystone Radio Receivers and products manufactured in Birmingham in the West Midlands of England from 1925 to 2002. <http://www.eddystoneusergroup.org.uk/>

A sample from the huge website - the front page of the 4-page leaflet and a picture of the Eddystone S700/IMR54 receiver on page 3. More or less the same layout (+/- some knobs) was used in all models from Eddystone for a long time.



EDDYSTONE TYPE S.700 known as the IMR.54: Ships' main communications receiver. 1952. The International Marine Radio Company (IMRC), a subsidiary of STC (part of ITT) supplied many shipping lines (Including the famous 'Cunard') with radio communications. Stratton-built IMR.54 still on RMS 'Queen Mary' at Long Beach CA

See the complete leaflet here: <http://www.eddystoneusergroup.org.uk/Data%20Sheets/imr%2054%20sales%20leaflet.pdf>
/TN

Wind-up radio inventor Trevor Baylis appointed CBE, BBC News, 6 March 2015.

The inventor of the wind-up radio says being appointed CBE by the Queen was "like catching up with an old mate". Trevor Baylis, 77, who has fought for theft of ideas to be made a criminal offence, was honoured for services to intellectual property in a ceremony at Windsor Castle.

Mr Baylis, from Twickenham, south-west London, is best-known for the Baygen clockwork radio, which he invented in 1991 while watching a documentary about Aids in Africa that proposed using educational radio programmes to tackle the virus's spread.

He was previously awarded the OBE for his radio design.

But he has said he received almost none of the profits because others took advantage of patent laws to sell versions of his invention.

He now advises inventors on developing their ideas, and campaigns to make theft of intellectual property a "white-collar crime".

Curriculum call: Speaking after the ceremony, he said: "I don't want people to think that inventors have to have a Viennese accent, broken glasses and have got to be a genius.

"We are all inventors, irrespective, and it should be part of the national curriculum. I am pushing and pushing so that kids have a good chance to bring their ideas to market.

"It is amazing how invention can change so many people's lives, both socially and commercially, but we should take them seriously.

"We must protect them. We want UK Plc to be behind them."

He also recounted the discussion he had with the Queen during the ceremony, about one of his radios.

"She said, 'I have still got one of your old radios, Trevor.' I said, 'Oh, I'm so pleased about that. Is it still working?' and she said, 'Yes.'"

<http://www.bbc.co.uk/news/uk-31760266>

(Mike Terry via DXLD)

RADIO VERDAD QSL COST

You may have asked yourself How much does it cost Radio Truth everytime we send you our "Radio Pack", including our QSL Card, banner, sticker, printed pages, and others? It is NOT one dollar, neither two; it may be 10 dollars, or even more.

Open the attached document, and read the Cost Table which we have elaborated, without including registration, when so. This is the way how Radio Truth is sacrificing itself so much to serve you.



If you want to help, include some bills within your letter, or make a deposit over PayPal.

Dr. Édgar Amílcar Madrid
Founder and Manager.

Siehe: <http://radioverdad.org/en/node/263>

(73 Christoph Ratzler via A-DX)

SVERIGES RADIOKLUBB, BOX 5083, STOCKHOLM 5

DX-RADIOS KORTVÄGSTABELL

		SÄNDNINGSTID										k/s	meter	Signal	Stationsort	Anrop		
G.M.T.	5	7	9	11	13	15	17	19	21	23	1						3	5
Sw.T.	6	8	10	12	14	16	18	20	22	24	2	4	6					
														5050	59.41	Dar-es-Salaam, Tanganyika	R Dar-es-Salaam	
														"	"	HC1EX	Guayaquil, Ecuador	R El Mundo
														"	"	ZK1ZA	Rarotonga, Cook-Islands	R Rarotonga
														"	"	HC5ET	Riobamba, Ecuador	R Roxi
														"	"		Bern, Schweiz	experiment
														"	"	BEJ34	Taipeh, Taiwan	Central Bc Station
														5052	59.38	Kuching, Sarawak / N Borneo/...	Sarawak Bc Service	
														5053	59.37	HIZL	Ciudad Trujillo, Dom.Rep.	V. del Tropic
														5055	59.36	HJDW	Medellin, Colombia	V. de Medellin
														5060	59.29	4VDP	Gonaves, Haiti	R Independence
														"	"	YDJ	Djogjakarta, Java Indonesia...	R Rep Indonesia
														5075	59.13	HJGO	Sutatenza, Colombia	Acción Cultural Popular
														5085	59.01	COCW	Havana, Cuba	Caena Mar. Cubano
														5135	58.42	DGE24	Köln, Tyskland	Bundespost
														5155	57.75	HC6OT	Ambato, Ecuador	R Continental
														5260	57.03		Ulan Bator, Mongolia.....	R Ulan Bator
														5290	56.71		Bukarest, Rumänien	R Romana Libera
														5450	55.05		Samarkand, USSR	
														5470	54.84		Frankfurt, Tyskland	AFN
														5510	54.45	HC2NL	Naranja, Ecuador	V. del Campesino
														5740	52.26		Erivan, Armenia USSR	
														5750	52.17	CE8AA	Santiago, Chile	Soc. Nac. de Agricultura
														5770	51.99	ZCQ3	Mahé, Vict. Seychelles Islands	Seych. Bc Service
														5790	51.81		Bangkok, Thailand	Thai Army Radio
														5810	51.64	HC1DF	Ibarra, Ecuador	V. del Norte
														5860	51.19		Alma Ata, USSR	
														"	"		Shanghai, China	R Shanghai
														"	"	HR0W	Tegucigalpa, Honduras	R Monserrat
														5880	51.02		Peking, China	R Peking
														5890	50.93	HRA	Comayagua, Honduras	V. de Lempira
														5895	50.89	CR4AA	Pr-ia, Cabo Verde Islas	R. Clube de Cabo Verde
														5900	50.85		Alma Ata, USSR	
														"	"	ZNB	Mafeking, Bechuanaland	R Mafeking
														"	"	4VPL	Port-au-Prince, Haiti	Petionville Bc System
														5904	50.81	OAX4Z	Lima, Peru	R Luz
														5910	50.76		Krasnojarsk, USSR	
														5940	50.51		Dakar, Senegal	R Dakar
														5943	50.50	RCLFM	Ibarra, Ecuador	R Equinoccial
														5945	50.46	4V2S	Port-au-Prince, Haiti	R Port-au-Prince
														5950	50.42	BEC28	Taipeh, Taiwan	Military Bc Stations
														5952	50.40		Kuching, Sarawak	Sarawak Bc Service
														"	"	TCNA	Guatemala City, Guatemala ...	R Cultural
														5955	50.38		Bangkok, Thailand	Thai Post & Telegraph Dept.
														"	"	YUD	Delhi, Indien	All India Radio
														"	"	OAX4P	Huancayo, Peru	R Huancayo
														"	"		Paris, Frankrike	Radiodif. TV Francaise
														"	"	4VC	Port-au-Prince, Haiti	R Commerce
														"	"	HC1GT	Quito, Ecuador	R Ondas Nacionales
														"	"	ZYR76	Sao Paulo, Brasilien	R Gazeta
														"	"		Warszawa, Polen	Polskie R Warszawa
														5960	50.34	HJCF	Bogotá, Colombia	V. de Bogotá
														"	"	VQ02	Honiara, Solomon Islands.....	S.I. Bc Service
														"	"	CSA206	Lissabon, Portugal	Emisora Nacional
														"	"		Munich, Tyskland	R Free Europe
														"	"	HOL21	Panamá City, Panamá	R Hogar
														"	"		Rom, Italien	R Radiotelevisione Italiana
														"	"		Salonika, Grekland	Stathmos Athinon
														"	"	BEC38	Taipeh, Taiwan	Police R Station
														"	"	HPN	Tegucigalpa, Honduras	V. de Honduras
														5965	50.29	YNWV	Granada, Nicaragua	R Sport
														"	"		Paris, Frankrike	Radiodif. TV Francaise
														"	"		Porto Alegre, Brasilien	R Guaiaba
														"	"	HC5GE	Riobamba, Ecuador	R Mundial
														"	"	HRQX	Tegucigalpa, Honduras	V. del Pueblo
														5968	50.27		Peking, China	R Peking Press
														"	"	CNR	Rabat, Morocco	R Maroc
														"	"	HVJ	Vatican City	Lautetur Iesus Christus
														5970	50.25	ALD	Anchorage, Alaska	Anchorage Com. System
														"	"	YD02	Bandjarmasin, Borneo Indon...	R Rep. Indonesia
														"	"		Brazzaville, Fr. Ekv. Africa	R AEF
														"	"	HI4T	Ciudad Trujillo, Dom.Rep.	R Television V. Dominicana
														"	"	OBX4Q	Lima, Peru	R El Sol
														"	"		Magadan, USSR	
														"	"	DZCA	Manila, Philippinerna	Nat. Civil Defence Adm.
														"	"	TOLA	Mazatenango, Guatemala	R Victoria
														"	"	CKNA	Montreal, Que Canada	Canadian Bc Corp.
														"	"		Munich, Tyskland	R Free Europe
														"	"	PTS	Saigon, South-Vietnam	

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Eftertryck förbjödes.

SÄNDNINGSTID													
G.M.T.	5	7	9	11	13	15	17	19	21	23	1	3	5
Sv. T.	6	8	10	12	14	16	18	20	22	24	2	4	6

	kc/s	meter	Signal	Stationsort	Anrop
	5970	50.25	CBNX	St John's, New Foundl.....	CBC
	"	"	HCLJM	Tulcán, Ecuador	R Tulcán
	5972	50.23	ERVW	San Pedro Sula, Rep. Honduras..	V. de Centro América
	5975	50.21	RAUI	Djakarta, Java Indonesia	R Angkatan Udara
	"	"	"	Djeddan, Saadi-Arabia	Saudi-Arabian Bc System
	"	"	CP5	La Paz, Bolivia	R Illimani
	"	"	HC3RF	Loja, Ecuador	Radiodif. Fatima
	"	"	MCP	London, England	BBC
	"	"	"	Saigon, South-Vietnam	V. of Vietnam
	"	"	YSW	Santa Ana, El Salvador	V. del Pueblo
	"	"	"	Warszwa, Polen	Polskie R Warszawa
	5976	50.20	CSA78	Lissabon, Portugal	Emissora Nacional
	5978	50.18	"	Bangkok, Thailand	Thai Post & Telegraph Dept.
	5979	50.17	"	Andorra la Vieja, Andorra	R Andorra
	5980	50.17	HC6BT	Ambato, Ecuador	R Paz y Bien
	"	"	ZPA1	Asunción, Paraguay	"
	"	"	"	Bukarest, Rumänien	R Bukarest
	"	"	APE	Dacca, Pakistan	R Pakistan
	"	"	VUD	Delhi, Indien	AIR
	"	"	TGAR	Guatemala City, Guatemala	R Quetzal
	"	"	P2J	Hilversum, Holland	R Nederland
	"	"	VQA54	Jesselson, N.Borneo Britt.....	R Sabah
	"	"	A P K	Karachi, Pakistan	R Pakistan
	"	"	DMQ5	Köln, Tyskland	Deutsche Welle/NWDR
	"	"	CEX4M	Lima, Peru	R Panamericana
	"	"	HJYD	Medellin, Colombia	R Libertad
	"	"	WIBS	St George, Grenada	Windward Island Bc Service
	"	"	HLEA	Suwon, South-Korea	Korean Bc Service
	"	"	EED29	Taipeh, Taiwan	V of Free China
	5981	50.16	ZFY	Georgetown, Guiana	R Demerara
	5985	50.13	LR92	Buenos Aires, Argentina	R Splendid
	"	"	"	Munich, Tyskland	R Free Europe
	"	"	4VEW	Port-au-Prince, Haiti	R Haiti
	"	"	"	Sanaah, Yemen	R Sanaah
	"	"	OEI30	Wien, Österrike	Österreicher Rundfunk
	"	"	HC3JZ	Zaruma, Ecuador	R Trebol
	5990	50.08	HC6GY	Ambato, Ecuador	R Luz
	"	"	"	Bhopal, Indien	All India Radio
	"	"	VUD	Delhi, Indien	A I R
	"	"	TGJA	Guatemala City, Guatemala	R Nuevo Mundo
	"	"	APK	Karachi, Pakistan	R Pakistan
	"	"	OAX4V	Lima, Peru	R América
	"	"	MCU	London, England	BBC VoA
	"	"	OQ2AE	Luluabourg, Belg.Congo	R UFAC
	"	"	YDS2	Manado, Celebes Indonesia	R Rep Indonesia
	5995	50.04	YNDG	León, Nicaragua	R Colonial
	"	"	HO50	Panamá City, Panamá	R Programas Continental
	"	"	TIQ	San José, Costa Rica	R Casino
	"	"	HRP1	San Pedro Sula, Honduras	El Eco de Honduras
	"	"	BEC36	Taipeh, Taiwan	V. of Rightness
	"	"	"	Warszawa, Polen	Polskie R Warszawa
	6000	50.00	TAN	Ankara, Turkiet	R Ankara
	"	"	PRJ3	Belo Horizonte, Brasilien	R Inconfidencia
	"	"	TGTA	Guatemala City, Guatemala	R Sonora
	"	"	OEI20	Innsbruck, Österrike	Landessender Tirol
	"	"	EAJ	Madrid, Spanien	R Nacional de Espana
	"	"	DZH4	Manila, Philippinerna	Manila Bc Comp.
	"	"	CXA2	Montevideo, Uruguay	R Sur
	"	"	"	San Sebastian, Spanien	R San Sebastian
	6003	49.97	CSB56	Lissabon, Portugal	Em. Liceu de Pedro Nunes
	6005	49.96	"	Berlin, Tyskland	RIAS, Berlin
	"	"	HP5A	Colón, Panamá	V. de la Victor
	"	"	JKD21	Tokyo, Japan	N H K
	"	"	HVJ	Vatican City	Laudetur Iesus Christus
	6006	49.95	"	Colombo, Ceylon	R Ceylon
	"	"	CNR3	Rabat, Morocco	R Maroc
	"	"	TIH8G	San José, Costa Rica	R Cristal
	6010	49.92	CE60I	Antofagasta, Chile	Emissoras Norte
	"	"	VUC2	Calcutta, Indien	AIR
	"	"	COCO	Havanna, Cuba	Periodico del Aire
	"	"	GRB	London, England	BBC
	"	"	XEOI	México City, México	R Mil
	"	"	"	Rom, Italien	RAI Radiotelevisione Italiana
	"	"	YSS	San Salvador, El Salvador	Alma Cuscatleca
	"	"	CJCK	Sydney, N.S. Canada	Cape Breton Br. Ltd.
	6012	49.90	4VYM	Port-au-Prince, Haiti	Radiodif. Haitienne
	6015	49.88	EOY	Accra, Ghana /Guldkusten/	Ghana Bc Service
	"	"	YNEH	Managua, Nicaragua	R Panamericana
	"	"	YNLV	Managua, Nicaragua	R Managua

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SÄNDNINGSTID																
G.M.T.	5	7	9	11	13	15	17	19	21	23	1	3	5			
Sv. T.	6	8	10	12	14	16	18	20	22	24	2	4	6			

	kc/s	meter	Signal	Stationsort	Anrop
6015	49.88	HC4EB	Manta, Ecuador	R Manta	
"	"	"	Munich, Tyskland	R Free Europe	
"	"	JKK	Nasaki, Japan	V of UN Command	
"	"	"	Peking, China	R Peking	
"	"	FRA8	Recife, Brasilien	R Clube de Pernambuco	
"	"	"	Salonika, Grekland	VoA	
6018	49.85	HJCX	Bogotá, Colombia	V. de Colombia	
"	"	XYZ	Rangoon, Burma	Burma Bc Service	
"	"	ZEAJ	Salisbury, South-Rhodesia	R Salisbury	
6020	49.83	OAX4Q	Lima, Peru	R Victoria	
"	"	CSA207	Lissabon, Portugal	Emissora Nacional	
"	"	"	Munich, Tyskland	R Free Europe	
"	"	TGDA	Quesaltenango, Guatemala	M. de Occidente	
"	"	KNBH	San Francisco, Calif USA	NBC VoA	
"	"	XEUW	Vera Cruz, Mexico	El Eco de Sutavento	
"	"	ZL20	Wellington, New Zealand	R New Zealand	
6022	49.79	ELBII	Monrovia, Liberia	Liberian Bc Comp.	
6025	49.79	CR8AB	Goa, Goa Port Indien	R Goa	
"	"	PGD	Hilversum, Holland	R Nederland	
"	"	VS2K6	Kuala Lumpur, Malaya	R Malaya Red & Blue Network	
"	"	CSA52	Lissabon, Portugal	Emissora Nacional	
"	"	HC5TO	Riobamba, Ecuador	V. del Pueblo	
"	"	ZYR63	Sao Paulo, Brasilien	R Emissora de Piratininga	
"	"	HILJ	San Pedro de Macoris, DomRep.	V. de Oriente	
"	"	"	Tangér, Tangér	R Tangér, R Magreb	
"	"	"	Warszawa, Polen	Polskie R Warszawa	
6029	49.75	HC5PT	Cuenca, Ecuador	V. del Perpetuo Socorro	
6030	49.75	CSVP	Calgary, Alb. Canada	V of the Prairies	
"	"	"	Elisabethville, Belg.Congo	R Congo Belge	
"	"	TGTQ	Guatemala City, Guatemala	R Internacional	
"	"	APL	Lahore, Pakistan	R Pakistan	
"	"	DZH6	Manila, Philippinerna	Far East Bc Co Inc	
"	"	XKXW	Morelia, Mexico	R Continente	
"	"	HP5B	Panamá City, Panama	R Cadena Miramar	
"	"	OLR2B	Praha, Tjeckoslovakien	Czechoslovensky rozhlas	
"	"	YSABC	Salvadorena, El Salvador	R Emisora Salvadorena	
"	"	DMR26	Stuttgart, Tyskland	Süddeutscher Rundfunk	
"	"	HVJ	Vatican City	Laudetur Iesus Christus	
6035	49.71	OAX6B	Arequipa, Peru	R Lenda	
"	"	HRTL	Atlantida, Honduras	R Tela	
"	"	APF	Karachi, Pakistan	R Pakistan	
"	"	GWS	London, England	BBC	
"	"	3AM3	Monte Carlo, Monaco	Ici Monte Carlo	
"	"	CXA30	Montevideo, Uruguay	R Nacional	
"	"	FR8AA	Noumea, New Caledonia	R Noumea	
"	"	ZYC26	Rio de Janeiro, Brasilien	R Globo	
6037	49.69	TIFC2	San José, Costa Rica	Faro del Caribe	
6040	49.67	CE604	Antifagasta, Chile	R Libertad	
"	"	TGCC	Coatepeque, Guatemala	V. de Tropico	
"	"	HJLB	Ibaque, Colombia	V. del Tolima	
"	"	GST	London, England	BBC	
"	"	KCER	Los Angeles, Calif USA	CBC AFES VoA	
"	"	YNLW	Managua, Nicaragua	R Managua	
"	"	"	Munich, Tyskland	VoA	
"	"	"	Simla, Indien	AIR	
6042	49.65	OAX6A	Arequipa, Peru	R Arequipa	
"	"	"	Peking, China	R Peking	
6045	49.63	ZNR	Aden, Aden	AdenBc Service	
"	"	ZYS33	Curitiba, Brasilien	R Clube Paranaense	
"	"	"	Dakar, Senegal	R Dakar	
"	"	HOU31	David, Panamá	V del Baru	
"	"	VUD	Delhi, Indien	AIR	
"	"	YDF	Djakarta, Java Indonesia	R Rep Indonesia	
"	"	JYQ	Jerusalem, Jordanien	Hashemite Jord. Bc Service	
"	"	"	Paris, Frankrike	Radiodif. TV Francaise	
"	"	XETW	Tampico, México	V. de Tampico	
"	"	"	Wien, Österrike	test	
6049	49.59	"	Tbilisi, USSR		
6050	49.59	TGXB	Guatemala City, Guatemala	R Centro Musical	
"	"	GSA	London, England	BBC	
"	"	HCJB	Quito, Ecuador	V. de los Andes	
"	"	YSR	San Salvador, El Salvador	V. de El Salvador	
"	"	HILH	Sant. de los Caballeros, DomRep.	V. de la Reeleccion	
"	"	VS210	Tarawa, Gilbert & Ellis Islands.	Tarawa Radio	
6055	49.55	OAX6E	Arequipa, Peru	R Continental	
"	"	HER2	Bern, Schweiz	Swiss Shortwave Service	
"	"	HJEX	Calli, Colombia	R Pacifico	
"	"	DYH8	Damagete City, Philippinerna	Silliman University	
"	"	"	Komsomolsk, USSR		

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Eftertryck förbjödes.

SÄNDNINGSTID										Signal	Stationsort	Anrop						
G.M.T.	5	7	9	11	13	15	17	19	21				23	1	3	5		
Sv. T.	6	8	10	12	14	16	18	20	22	24	2	4	6					
														6055	49.55	YBOW	Managua, Nicaragua	V. de la América Central
														"	"	CXAl4	Montevideo, Uruguay	Servicio de Inform.Y Prensa
														"	"		Munich, Tyskland	R Liberation
														"	"	ORLZH	Praha, Tjeckoslovakien	Czeskoslovensky rozhlas
														"	"	PRB21	Sau Paulo, Brasilien	R Panamericana/Record
														"	"	JOZ2	Tokyo, Japan	Nippon Tampa Press, Nihon
														6057	49.52	OAX2E	Trujillo, Peru	R Trujillo
														6060	49.50	VUD	Delhi, Indien	AIR
														"	"	TGXX	Guatemala City, Guatemala	R Ciro's
														"	"	OZFJ	Köpenhamn, Danmark	Danmarks Radio
														"	"	GSX	London, England	BBC
														"	"		Manila, Philippinerna	VoA
														"	"	CKRZ	Montreal, Que Canada	Canadian Bc Corp.
														"	"	VQ7LO	Nairobi, Kenya	Cable & Wireless Bc Stn
														"	"	HORT	Panamá City, Panamá	R Balboa
														"	"		Rom, Italien	RAI Radiotelevisione Italiana
														"	"		San Fernando, Philippinerna	VoA Relay Base in the Ph.
														"	"	KNBH	San Francisco, Calif USA	EBC VoA
														"	"	HRYN2	San Pedro Sula, Honduras	V. del Merendon
														6062	49.49	LRAL	Buenos Aires, Argentina	R del Estado
														6065	49.46		Largo du Misericordia, Brasil	R Rural Brasileira
														"	"	KEXG	León, México	V. de México
														"	"	YNEQ	Managua, Nicaragua	V. del la Victoria
														"	"	VUM7	Mysore, Indien	All India Radio
														"	"		Peking, China	R Peking
														"	"		Stockholm 7, Sverige	R Sweden
														6067	49.45	EHT1	Tetuán, Sp. Marocco	R Dersa
														6069	49.43	JOA	Tokyo, Japan	N H K
														6070	49.42	HSK5	Bangkok, Thailand	Overseas Bc Stn
														"	"	VUD	Delhi, Indien	AIR
														"	"	TGPA	Escuintla, Guatemala	R Programas
														"	"	APK	Karachi, Pakistan	R Pakistan
														"	"	OAX4S	Lima, Peru	R San Cristobal
														"	"	GRR	London, England	BBC
														"	"	CP18	Oruro, Bolivia	R El Condor
														"	"		Petropavlovsk, USSR	
														"	"	HC1AC	Quito, Ecuador	V. de la Democracia
														"	"	CE607	Santiago, Chile	R Soc. Nac. de Minería
														"	"		Sofia, Bulgaria	R Sofia
														"	"	CFRX	Toronto, Ont. Canada	Rogers R Bc Comp.
														6072	49.40		Bukhara, USSR	
														6075	49.38		Athinon, Grekland	Stathos Athinon
														"	"	DMR27	Hamburg, Tyskland	Norddeutscher Rundfunk
														"	"	APL	Lahore, Pakistan	R Pakistan
														"	"	CXA3	Montevideo, Uruguay	R Ariel
														"	"	HRMH	Santa Barbara, Honduras	V. del Junco
														"	"	TIGG	San José, Costa Rica	R Excelstior
														6079	49.35	OQ2AF	Stanleyville, Belg.Congo	R Congo Belge,UFAC
														6080	49.34	TGCB	Antigua, Guatemala	R Colonial
														"	"	HC2DE	Guayaquil, Ecuador	Radiodif. Bolivar
														"	"	MCV	London, England	BBC
														"	"	DZ17	Manila, Philippinerna	Manila Bc Comp.
														"	"		Munich, Tyskland	VoA
														"	"	HO5T	Panamá City, Panamá	La Reina del Aire
														"	"	CSB51	Paredo, Portugal	R Clube Português
														"	"	CKFX	Vancouver, Br.Col. Canada	Western Bc Co Ltd
														"	"	ZL7	Wellington, New Zealand	R New Zealand
														"	"		Vladivostok, USSR	
														6082	49.32	OAX4Z	Lima, Peru	R Nacional del Peru
														6083	49.30	ORU4	Bruxelles, Belgien	Belg. Nat Bc Service
														"	"	VUM	Madras, Indien	All India Radio
														"	"	VP4RD	Port of Spain, Trinidad	R Trinidad
														"	"	ZYK2	Recife, Brasilien	R Jornal do Comercio
														"	"	JOB	Tokyo, Japan	N H K
														6090	49.26	LEY1	Buenos Aires, Argentina	R Belgrano
														"	"	HC6VM	Latacunga, Ecuador	R Once de Noviembre
														"	"	GWM	London, England	BBC VoA
														"	"		Luxembourg, Luxemburg	R Luxemburg
														"	"	CBFW	Montreal, Que Canada	CBC French Network
														"	"	CKOB	Montreal, Que Canada	CBC
														"	"	HOO	Panamá City, Panamá	La Independiente
														"	"		Pnompenh, Cambodja	R Cambodge
														"	"	VLI6	Sidnei, NSW, Australia	Australian Bc Commission
														"	"	HRNQ	Teguigalpa, Honduras	R Morazan
														6091	49.25	4VB	Port-au-Prince, Haiti	R Commerce
														6092	49.24	EQR2	Tabriz, Iran	R Tabriz
														6095	49.22		Colombo, Ceylon	Commercial Service of R.C.
														"	"		Hanoi, North-Vietnam	V of Vietnam
														"	"	OAX4H	Lima, Peru	R Mundial

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Eftertryck förbjödes.

		SÄNDNINGSTID										Ac/s	meter	Signal	Stationsort	Anrop			
G.M.T.	Sv. T.	5	7	9	11	13	15	17	19	21	23						1	3	5
		6	8	10	12	14	16	18	20	22	24	2	4	6					
															6140	48.86	YNW	Grenada, Nicaragua	R Sport
															"	"	OTM1	Leopoldville, Belg.Congo	R Congo Belge
															"	"	NCW	London, England	BBC
															"	"		Munich, Tyskland	VoA
															"	"	HOQQ	Panamá City, Panamá	R Nacional
															"	"	HISZ	Santiago, Dom.Rep	R Santiago
															6145	48.82		Enugu, Nigeria	Nigeria Bc Service
															"	"	HJDE	Medellin, Colombia	V. de Antioquia
															"	"		Naha, Okinawa, Ryukyu-Islands	V of America Relay Base
															"	"		Paris, Frankrike	Radiodif. TV Francaise
															6147	48.80	PRL9	Rio de Janeiro, Brasilien	R Nacional
															6150	48.78	ZNR	Aden, Aden	Aden Bc Service - start 6/5
															"	"		Belgrade, Jugoslavien	R Jugoslavijska
															"	"	VUB	Bombay, Indien	AIR
															"	"	OAX1A	Chiclayo, Peru	R Delcar
															"	"	HC2DC	Guayaquil, Ecuador	R Cenit
															"	"		Chabarovsk, USSR	
															"	"	CP12	La Paz, Bolivia	R Fides
															"	"	GEN	London, England	BBC
															"	"	VLR6	Melbourne, Vic Australien	Australian Bc Commission
															"	"	CB615	Valparaiso, Chile	R Cooperativa Vitalicia
															"	"	CLRO	Winnipeg, Manit. Canada	Transcanada Com. Ltd
															6152	48.76	WYMA	Cape Haitien, Haiti	R Citadelle
															6153	48.75	OBX4G	Lima, Peru	R Excelsior
															6154	48.74	CSB52	Lissabon, Portugal	R Renascença
															6155	48.74	HJTC	Bogotá, Colombia	Radiodif. Militar Colombia
															"	"		Chungking, China	R Chungking
															"	"	WLMO	Cincinnati, Ohio USA	The Crosley Bc Corp. VoA
															"	"		Canary, Guinea	R Canary - driver
															"	"	CXAL3	Montevideo, Uruguay	R Carve
															"	"	HC4IT	Porto Viejo, Ecuador	R Costa Azul
															"	"		Salonica, Grekland	VoA
															"	"	EQB	Teheran, Iran	R Teheran
															"	"	OEI21	Wien, Österrike	Österreicher Rundfunk
															6160	48.70	OC1	Alger, Algeriet	R Algerie
															"	"	HJKJ	Bogotá, Colombia	Emissora Nuevo Granada
															"	"	CP40	Cocabamba, Bolivia	Emissora LAB
															"	"	CHAC	Montreal, Que.Canada	CBC
															"	"	DMR29	München, Tyskland	Bayerischer Rundfunk
															"	"	ZL1ZA	Rarotonga, Cook-Islands	R Rarotonga
															"	"		Tokyo, Japan	Far East Network, Tokyo
															"	"	CBUX	Vancouver, BC Canada	CBC
															"	"	EGZA	Zacapa, Guatemala	R Programas de Guatemala
															6165	48.66	HER3	Bern, Schweiz	Swiss Shortwave Service
															"	"		Damascus, Syrien	Syrian Bc Service
															"	"	GNK	London, England	BBC
															"	"	LVCH	Port-au-Prince, Haiti	La Magloire Bc Circuit
															"	"	JWT13	Saigon, South-Vietnam	V of Vietnam
															"	"	TILS	San José, Costa Rica	Para Ti
															"	"	ZYR56	Sau Paulo, Brasilien	R Cultura
															"	"	RRTV	Tegucigalpa, Honduras	Union R Montureña
															6170	48.62	HC2PJ	Babahoyo, Ecuador	R Fulminense
															"	"	YVCO	Caracas, Venezuela	Radiodif. Nacional
															"	"	OBX4B	Cerro de Pasco, Peru	R Corporación
															"	"	ZJN5	Limasol, Cypern	V of Britain
															"	"	GSZ	London, England	BBC VoA
															"	"	DUH2	Manila, Philippinerna	The People's Station
															"	"	CKA21	Montevideo, Uruguay	R Fenix
															"	"	WDS1	New York, NY USA	Columbia Bc System /VoA/
															"	"	ZHW24	Nyeri, Kenya	African Bc Service
															"	"	YDL3	Palang, Sumatra Indonesia	R Rep Indonesia
															"	"		Peking, China	R Peking
															"	"	OLR2D	Praha, Tjeckoslovakien	Ceskoslovensky rozhlas
															"	"	YSHQ	San Miguel, El Salvador	V. del Progreso
															6172	48.60		Bangkok, Thailand	Education Bc Stn of Thailand
															"	"	FIQA	Tananarive, Madagascari	R Tananarive
															6175	48.58	OAX7C	Cusco, Peru	R Tahuantinsuyo
															"	"		Dejjiah, Saudi-Arabia	Saudi-Arabian Bc System
															"	"		Katuna, Nigeria	Nigerian Bc Service
															"	"		London, England	BBC
															"	"	XXXA	Mexico City, Mexico	R Gobernación
															"	"		Munich, Tyskland	R Liberation
															"	"	HP5G	Panamá City, Panamá	R Panamericana
															"	"		Paris, Frankrike	Radiodif. TV Francaise
															"	"	H11R	Sant. de los Caballeros, DomRep	V. de la Fundación
															"	"	ZHP	Singapore, Malaya	R Malaya Green Network
															"	"	JKM21	Tokyo, Japan	Nippon Hoso Kyokai
															6177	48.56		Athina, Grekland	Stathmos Athinon
															"	"	TGAZ	Guatemala City, Guatemala	R Continental

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Eftertryck förbjudet.

		SÄNDNINGSTID																	
G.M.T.	Sv. T.	5	7	9	11	13	15	17	19	21	23	1	3	5	kc/s	meter	Signal	Stationsort	Anrop
														7160	41.90		Paris, Frankrike.....	Radiodif. TV Française	
														"	"		Sta Isabel, Sp Guinea .	Emis. de Radiodif. S.I.	
														7165	41.87		Munich, Tyskland	R Free Europe	
														7167	41.86		Paris, Frankrike.....	Radiodif. TV Française	
														"	"		Dar-es-Salaam, Tangenyika..	R Dar-es-Salaam	
														7170	41.84	VUD	Delhi, Indien	AIR	
														"	"	DMQ7	Köln, Tyskland	Deutsche Welle	
														"	"		Munich, Tyskland	R Liberation	
														"	"		Peking, China	R Peking	
														"	"		St Denis, Reunion	R St Denis	
														"	"		Simla, Indien	AIR	
														7171	41.84		Aden, Aden	Aden Bc Service	
														7172	41.83	ZHW22	Mombasa, Kenya	African Bc Service	
														7175	41.81	VJA54	Jesselton, N.Borneo ...	R Sabah	
														"	"		Munich, Tyskland	R Free Europe	
														"	"		Palermo, Italien	RAI R-Televisione Ital.	
														"	"		Tangér, Tangér	R International	
														"	"		Warszawa, Polen	Rolskie R Warszawa	
														7180	41.78		Munich, Tyskland	R Free Europe	
														"	"	HLKA	Suwon, South-Korea	Korean Bc Service	
														"	"	JOB2	Tokyo, Japan	N H K	
														7185	41.75	ZNR	Johannesburg, SouthAfr.	SABC	
														"	"		Lagos, Nigeria	Nigerian Bc Service	
														"	"	GRK	London, England	BBC	
														7190	41.72		Biak, New Guinea	R Omroep Nieuw Guinea	
														"	"		Colombo, Ceylon	R Ceylon	
														"	"	VUD	Delhi, Indien	AIR	
														7192	41.71		Munich, Tyskland	R Free Europe	
														7200	41.67	EFJ36	Alcaniz, Spanien	R Alcaniz	
														"	"		Amman, Jordan	Hashemite Jordan Bc Ser	
														"	"		Belgrade, Jugoslavien .	R Jugoslavija	
														"	"	QQ2AC	Elisabethville, B Congo	R College	
														"	"	APK	Karachi, Pakistan	R Pakistan	
														"	"	GWZ	London, England	BBC	
														"	"		Madrid, Spanien	R SEU	
														"	"		Naha, Okinawa Ruykuy-Isl	VoA Relay Base	
														"	"		Singapore, Malaya	R Malaya Blue Network	
														"	"		Stalinabad, USSR		
														"	"	BEC27	Taipeh, Taiwan	Armed Forces R Service	
														"	"		Teruel, Spanien	R Teruel	
														7203	41.65	CR6RO	Silva Porto, Angola ...	R Clube do Bie	
														7205	41.64		Abu Zaabal, Egypten ...	Huna Saut el Arab	
														"	"	CR7RB	Beira, Mocambique	R Pax de Catolica da B.	
														"	"	DMQ7	Köln, Tyskland	Deutsche Welle	
														"	"		Saigon, South-Vietnam ..	R Hué	
														"	"		Warszawa, Polen	Polskie R Warszawa	
														7210	41.61	HEI3	Bern, Schweiz	Swiss Shortwave Service	
														"	"	VUC	Calcutta, Indien	AIR	
														"	"	VUD	Delhi, Indien	AIR	
														"	"		Genève, Schweiz	Int. Comm. Red Cross	
														"	"	PCJ	Hilversum, Holland	R Nederland	
														"	"	GWL	London, England	BBC	
														"	"	LLS	Oslo, Norge	R Norway	
														"	"		Oslo, Norge	Oslo Student R Stn	
														"	"		Stockholm 7, Sverige ..	R Sweden	
														7211	41.61		Aden, Aden	Saut El Hak, V of Justkt	
														7212	41.60	QQ2AH	Bukavu, Belg Congo ...	R UFAC	
														7215	41.58		ms Courier Grekland ...	VoA Seaborne Relay	
														"	"	CNR4	Rabat, Fr Marocko	R Maroc	
														"	"		Salonica, Grekland	VoA	
														7220	41.55		Benghazi, Libyen	FBS-5	
														"	"		Budapest, Ungern	R Budapest	
														"	"	VUD	Delhi, Indien	AIR	
														"	"	YDF5	Djakarta Java Indones..	R Rep Indonesia	
														"	"		London, England	BBC	
														"	"	ZQP	Luzaka, North-Rhodesis.	Central African Bc Stn	
														"	"	VLABC7	Melbourne, Vic Austr..	R Australia	
														"	"		Paris, Frankrike	Radiodif TV Française	
														"	"		San Salvador, El Salvador.	V. de la Democracia	
														"	"	ZL12	Wellington, New Zealand.	R New Zealand	
														7225	41.52	CR7IB	Beira, Mocambique	Emis. do Aero Clube da B	
														"	"	APD	Dacca, Pakistan	R Pakistan	
														"	"	APL	Lahore, Pakistan	" "	
														"	"		Munich, Tyskland	R Liberation	
														"	"		Stalinabad, USSR		
														7229	41.49		Johannesburg, Sydafrika	SABC	
														7230	41.49	GSW	London, England	BBC	
														"	"	CR6RM	Mocamedes, Angola	R Club de Mocamedes	
														"	"		Oviedo, Spanien	R Palange de Oviedo	

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Eftertryck förbjudes.

		SÄNDNINGSTID												kc's	meter	Signal	Stationsort	Anrop	
G.M.T.	Sv. T.	5	7	9	11	13	15	17	19	21	23	1	3						5
		6	8	10	12	14	16	18	20	22	24	2	4	6					
															7230	41.49	WTAN	Tangér, Tangér	Ewangelic V of Tangér
															7235	41.47	APK	Karachi, Pakistan	R Pakistan
															"	"	OLR8D	Munich, Tyskland	R Free Europe
															"	"		Praha, Tjeckoslovakien	Ceskoslovensky rozhlas
															7237	41.46		Tangér, Tangér	VoA
															7240	41.44	TAM	Khabarovsk, UBSR	
															"	"	VUB	Ankara, Turkiet	R Ankara
															"	"		Bombay, Indien	AIR
															"	"		Colombo, Ceylon	Comm. Service of R.C.
															"	"	VQA54	Jesselton, North-Borneo	R Sabah
															"	"	YDP3	Medan, Java Indon.	R Rep Indonesia
															"	"	VLABC7	Melbourne Vic Austr.	R Australia
															"	"	VQ7LO	Nairobi, Kenya	Cable & Wireless Serv
															"	"	LLR	Oslo, Norge	R Norway
															"	"		Paris, Frankrike	Radiodif. TV Francaise
															7242	41.43	JOA2	Tokyo, Japan	Nippon Hoso Kyokai
															7245	41.41		Munich, Tyskland	R Liberation
															"	"	OSI22	Wien, Österrike	Österreicherischer Rundf.
															7250	41.38	OQ2AG	Coquilhatville, S Congo	R UFAC
															"	"	VUD	Delhi, Indien	AIR
															"	"	CR7AA	Lour. Marques, Moçambique	R Club de Moçambique
															"	"	GWI	London, England	BBC
															"	"		Munich, Tyskland	VoA "Music USA"
															"	"		Singapore, Malaya	BBC Far Eastern Stn
															"	"	YDG3	Surakarta Java Indon.	R Rep Indonesia
															"	"	HVJ	Vatican City	Laudetur Iesus Christus
															7255	41.35		Munich, Tyskland	R Liberation
															"	"	OLR8E	Praha, Tjeckoslovakiet	Ceskoslovensky rozhlas
															"	"		Warszawa, Polen	Polskie Radio
															7256	41.35	LZG	Sofia, Bulgarien	R Sofia
															7257	41.34	JKH	Tokyo, Japan	N H K
															7260	41.32	EFJ17	Ayora, Spanien	R Ayora Juventud R
															"	"	HSK	Bangkok, Thailand	Overseas Ec Stn
															"	"	OZFL4	Köpenhamn, Danmark	Danmarks Radio
															"	"	CSA22	Lissabon, Portugal	Emissora Nacional
															"	"	GSU	London, England	BBC
															"	"	CR6RB	Luanda, Angola	R Ecclesia Sm. Catolica
															"	"	VDM	Madras, Indien	AIR
															7262	41.31		Saigon, South-Vietnam	R Saigon, V of Vietnam
															7263	41.31	APK	Karachi, Pakistan	R Pakistan
															7265	41.29	DMR32	Baden-Baden, Tyskland	Sydwestfunk
															"	"		Dalat, South-Vietnam	R Dalat
															"	"		Salonica, Grekland	VoA
															7267	41.28		Erivan, USSR	
															7270	41.27	YDB3	Djakarta Java Indon.	R Rep Indonesia
															"	"	APL	-ahore, Pakistan	R Pakistan
															"	"		Srinagar, Kashmir	R Kashmir
															"	"		Stockholm 7, Sverige	R Sweden FM UKW P2
															"	"	HVJ	Vatican City	Laudetur Iesus Christus
															7275	41.24	VUD	Delhi, Indien	AIR
															"	"		Munich, Tyskland	R Liberation
															"	"		Rom, Italien	RAERTV Italiana
															7280	41.21	EFJ6	Albacete, Spanien	R Juventud de Almanza
															"	"	APK	Karachi, Pakistan	R Pakistan
															"	"	GWN	London, England	BBC
															"	"	VLABC7	Melbourne Vic Austr.	R Australia
															"	"		Johannesburg, Sydafrika	SABC
															"	"		Paris, Frankrike	Radiodif. TV Francaise
															"	"	HVJ	Vatican City	Laudetur Iesus Christus
															7284	41.19	APL	Lahore, Pakistan	R Pakistan
															7285	41.18	TAS	Ankara, Turkiet	R Ankara
															"	"	VUD	Délhi, Indien	AIR
															"	"		Munich, Tyskland	R Free Europe
															"	"	JKJ	Tokyo, Japan	Nippon Hoso Kyokai
															7288	41.17	ZHW23	Kisumu, Kenya	AfricanBc Service
															7289	41.16		Singapore, Malaya	R Malaya Green Network
															7290	41.15	VUD	Delhi, Indien	AIR
															"	"	APK	Karachi, Pakistan	R Pakistan
															"	"	DMQ7	Köln, Tyskland	Deutsche Welle NWDR
															"	"		Rom, Italien	RAI R-TV-Italiana
															"	"	3WT12	Saigon, South-Vietnam	R Saigon Army Stn
															"	"		Tangér, Tangér	Panamerican Radio
															"	"	ZL13	Wellington, New Zealand	R New Zealand
															7293	41.13	BEC25	Hualien, Taiwan	
															7295	41.12	ZRG	Johannesburg, Sydafrika	Springbok Radio
															"	"	YDQ3	Makassar, Celebes Ind.	R Rep Indonesia
															"	"		Munich, Tyskland	R Free Europe
															"	"		Peking, China	R Peking
															"	"	EASAB	S.Cruz de T.Kanarieöarna	R Club de Tenerife

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