# SHORTWAVE BULLETIN

Issue no. 1812, Dec 7, 2014.

Deadline e-mail next issue: 0800 UTC, Dec 21, 2014.

Helt plötsligt blev vi idag hundvakt åt brorsans jaktlabbevalp bara c:a 8 månader gammal. Malte och våran lilla cocker Elsa leker outtröttligt och ganska våldsamt, nästan så hårtussarna flyger och far. Vi får väl se i kväll hur trötta de är när Malte skall hämtas.

Trötthet har i varje fall inte drabbat våra radiovänner utanför Sverige. Massor med tips till detta nummer, men som vanligt är det bara några få svenska DX-are som lyssnar av KV-banden.

Tänk hur många fina stationer som kunnat plockas om vi vridit tillbaka tiden till 50-70 -talet och kunnat använda dagens utrustning.

Hur dåligt väder kan drabba en antennanläggning visas av Christoph Ratzers bilder längre fram. I slutet kan några riktigt fina gamla QSL beskådas som skannats av John Ekwall.

Keep on ....

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# SWB-info

SWB on HCDX: SWB member information: Dateline Bogotá 1993-1998: SWB latest issue/archive:

http://www.hard-core-dx.com/swb http://www.hard-core-dx.com/swb/member.htm http://www.hard-core-dx.com/swb/Dateline.htm http://www.hard-core-dx.com/swb/archive.htm

## QSL, kommentarer, mm.

**Anker Petersen**: I was unable to sleep around 0400 hours, so I decided to check the 90, 75 and 60 mb's on my AOR AR7030PLUS with 28 metres of longwire. But unfortunately only these stations were audible, besides strong signals from Germany on 3985 and 3995, USA on 4840 and 5015 and Cuba on 5025 and 5040 kHz:

**Dave Valko**: Loggings for the second half of November below along the Youtube video links of some of the receptions that may be of interest to you.

11 November 2014: Went out on a micro-DXpedition from 1820-2130. Nice very quite conditions. Although, on the whole, it was probably about 'normal'. It seemed Africans were doing better.

Christer Brunström: Radio Tirana 7465 med klassiskt QSL-kort, Radio Mi Amigo International (via Radio 700) 7310 med riktigt snyggt QSL-kort från Spanien där Radio Mi Amigo sänder på tre FM-frekvenser på Costa Blanca.

**Robert Wilkner**: South Florida.... 2 December 2014... Enjoyable visit by Ken Walters to the shack Friday, last. South Florida remains warm in December, 80s F, with occasional thunderstorms.

**Lars Skoglund**: Svar har kommit från Radio Nord Revival, Vaxholms Fästning 5770 med kort. OAZ2A Radio Los Andes, Huamachuco 5030 svarade med trevligt brev efter en followup. V/s var Carlos De la Cruz Ruiz, Director.

**Giampiero Bernardini**: I went few days in Tuscany, where my mom lives. Here some tips. Maybe you can find some for SWB.

**Stig Adolfsson**: Här har inte hörts så mycket. Kraftig ihållande elektron- och röntgenstrålning har medfört dåliga konditioner på KV. Har ännu inte hört en enda PNG på 90 meter. Törs väl knappast hoppas på någon förändring heller med nuvarande solaktivitet. Skönt att det snart är jul så man får trösta sig med skinka, sill m.m. Julhälsningar till alla i SWB !!

#### Correction: re List of private US SW stations

Lennart Weirell: Här kommer några rader om min lista om Private US Shortwave Stations, dels rättelsen om KSDA, dels en nyhet om KJES.

Regarding the List of Private US Shortwave Stations since 1962 which was presented in SWB 1810 and revised in SWB 1811; our friend Glenn Hauser observed a mistake: KSDA is still active and didn't close down in 2000. This means KSDA should be in **Bold** in the list and the bars in the graph below should be increased by one station from 2001 onwards. Sorry for mistake and thanks Glenn for informing me.

And a late news: KJES has ceased SW transmissions and is now only streaming on Internet. Info via Glenn's DXLD 14-48.

# Log

2368,46	Dec5	1438	Radio Symban (presumed), 1438-1504; nice Greek singing & music (no announce-
			ments), cutting through the noise. Not bad for a low powered station (400w?)! Is still a DX challenge as it is not heard every day. Audio at
			https://app.box.com/s/92dzt3unjj575qrrhqf2 (Ron Howard, Asilomar State Beach, CA, USA)
3310	Nov20	2340	R. Mosoj Chaski, Cochabamba, quíchua, texto; 23341, QRM de sinal de estação ponto- a-ponto. (Carlos Gonçalves)
3310	Dec2	1000	Radio Mosoj Chaski, Cochabamba 1000 to 1020 yl and om. (Wilkner)
3320	Nov28	1151	<b>Pyongyang BS.</b> 1151 finally tlk by W. Couldn't //6400 as it had a UTE right on top. 2850 hrd throughout the half hour w/usual opera-like songs. (Dave Valko, Dunlo, PA)
3320,00 3360	Dec1 Nov29	2305 2105	R Sonder Grense, Meyerton Afrikaans talk, CWQRM 24232 (AP-DNK) Andra övertonen från en grekisk "pirat" på 1680 kHz. Ren och fin signal. 3+ SA
3364,84	Dec7	0117	Radio Cultura, Araraquara, SP 0117 to 0122 vocal with back ground singers with percussion. Good signal (Wilkner)
3364,88	Dec6	2340	Radio Cultura, Araraquara, SP with very good signal, mx. Interesting that 3375,07 R Municipal signal was just a few dB above noise level. TN
3364,9	Nov22	2215	R. Cultura, Araraquara SP, canções; 25331. As más conduções prevalecem,
			infelizmente, e o número de estações captáveis nos 90 m é muito reduzido. (Carlos Gonçalves)
3364,9	Dec2	0040	Radio Cultura, Araraquara, SP 2340 to 2357 enjoyable melodic music 27 Nov. Dec2 0040 - 0100 noted during band scan, PT om and music, good signal (Wilkner)
3375,07	Nov12	0906	<b>R. Municipal</b> Usual morning ZY Pop mx pgm w/W DJ chatter in PT from 0906 tune in. 0909:15 ment of Municipal during W tlk. 0916 rooster crowing between songs. W returned at 0920. Mx audio level not as strong as mic. Best at t/in of course but still there at 0955 w/canned anmnts. (Dave Valko, Dunlo, PA)
3375,1	Dec2	0910	Radio Municipal São Gabriel da Cachoeira 0910 - 0913 om chatgood signal in Portuguese. (Wilkner)
3385	Nov22	1825	R East New Britain, 1825, good with pop music and talk by a man. David Sharp NSW)
3385	Nov26	1150	New Guinea Radio East New Britain Rabaul 1150 to 1210 threshold signal (XM)
3900	Nov20	2318	Emissora de Hulun Buir, Hailar, mandarim, texto, alguma música; 35342. (Carlos Gonçalves)
3905	Nov25	1940	Kavieng today Good conds today at 3905 around 1940 UT Christoph Ratzer
3905	Dec3	1945	Very nice recording enclosed! /TN NBC New Ireland with clean but weak signal. Best signal at this time. Also heard on
3903	Decs	1945	Nov 30 at 1350 until sign off at 1412. Weak. TN
3925	Dec1	1040	Japan Radio Nikkei, Nemuro 1040 to 1050 vocalist with percussion background presumed Japanese // 9595, thanks DBS-16 for parallel fqy. (Wilkner)
3945	Dec2	1421	R. Vanuatu (presumed). Most weekdays notice that after Japan signs off (1400) that the
			Vanuatu transmitter is still on (open carrier), long after the end of their audio
3959,90	Dec1	2310	programming (Ron Howard, Asilomar State Beach, CA, USA) R Gramox, Hämeenkyrö Finnish ann, Finnish Christmas songs, best heard in LSB because of heavy digital QRM in USB and AM 32333 (AP-DNK)
3960	Nov20	2320	R.Gramox, Hämeenkyrö, canções; 24341, QRM adj. de sinal em DRM. (Carlos Gonçalves)
4045u	Dec5	1200	Panama, 1200 Sailing vessel, talking to Bel Ami regarding sailing dest. (Wilkner)
4055,00	Nov27	0415	R Verdad, Chiquimula SS religious talk with some shouting, best in LSB. (AP-DNK)
4055	Dec1		[Non] Guatemala, Radio Verdad 1040 to 1050 off the air, Nada!! December 1st (MR)
4055	Dec2	0945	Radio Verdad. Hyper Preacher in English shouting into the mike (Wilkner)
4451,1	Dec3	2340	Radio Santa Ana, Santa Ana de Yacuma, weak Spanish, deep fades (Wilkner)
4500,00 4699,9	Dec4	0105 0030	Xinjiang PBS, Urumqi Mongolian talk, 0109 ID: "Sinkiang Radio", orchestra music 45344 // 6190 (45333) (AP-DNK) Radio San Miguel Biberalta, 0020 to 0040 with fair to poor signal in Spanish, 0010
4077,7	Dec2	0030	Radio San Miguel, Riberalta 0030 to 0040 with fair to poor signal in Spanish, 0910 with om chat with ments of two Bolivian locations possibly. (Wilkner)
4747	Nov22	2000	R Huanta 2000 noted weakly at 1047 with huaynos. (David Sharp NSW)
4747,59	Nov19	1014	<b>R. Huanta Dos Mil</b> Slurred ID by live M morning DJ at 1014 t/in. Into pleasant soft OA campo song at 1015. CODAR ruined a fairly decent reception. (Dave Valko,
4750	Nov28	1205	Dunlo, PA) Bangladesh Betar End of nx by W, nice ID at 1205:30, then apparent intro by M.
UC1F	110120	1203	<b>Dangiaucsin Detai</b> End of its by w, ince iD at 1205.50, then apparent little by M.

4750	Dec1	1025	Best signal yet this season. (Dave Valko, Dunlo, PA)
4750	Deci	1235	Bangladesh Betar - HS. RRI Makassar continues to be absent here; usual SAARC (The South Asian Association for Regional Cooperation) news bulletin in English; naturally
			the lead-off story was the SAARC Summit held last week in Kathmandu; poor with
			usual CNR1 QRM (Ron Howard, San Francisco at Ocean Beach, CA, USA)
4750	Nov28	1625	Bangladesh Betar, talks and slow songs, fair (Bernardini)
4754,9	Dec1	0916	Radio Imaculada Conceição, Campo Grande, MS 0916 Portuguese om to yl music at
			1020 fade out, fair to good signal during band scan. (Wilkner)
4759,998	Dec1	1312	footprint of UNID stn heard at 1312 UT, probably Port Blair outlet? AIR Port Blair,
4760	N11	2100	Brookshabad, Andaman & Nicobar Islands. (wb via DXPlorer)
4760	Nov11	2100	<b>ELWA</b> 2100 end of pleasant rel. choral song, then W anner w/EG inspirational rel. tlk mentioning ELWA. Still going at 2106. Not that strong quiet and clear. (Dave Valko,
			Dunlo, PA)
4760	Nov22	1917	ELWA, tentative at 1917 with occasional talk by man but mostly only carrier. (David
			Sharp NSW)
4760	Nov28	2220	ELWA, Monrovia, Liberia, English, religious talks & songs, fair (Bernardini)
4760,002	Nov26	0600	R ELWA Liberia. Thanks to a tip of "Per Eriksson", checked 4760 kHz last night, but
			signal was very weak, and only communication talk each other of two Italian fishermen
			(?) could be easily heard on this channel. But acc Aoki list ELWA on program
			schedule start from 0600 UT, program from Liberia could be heard at 0620 UT Nov 26 as tiny signal precise 2 Hertz upper side. After 0645 UT tiny signal fade-out again.
			Mostly a female voice reader could be heard, small piece of music, but due of very low
			signal strength, nothing real word content could be traced so far. But I guess, in coming
			months - til end of February - we will be happy to hear this station more properly 'now
			and then' here in Europe in our mornings. Procedure: I had to select only the upper
			sideband flank, due of permanent CODAR wiper signal moving up and down in 4741 to
			4759.3 kHz frequency range. Also a CW morse code signal noted short pieces of 20
			seconds each on 4762 kHz, - but not real a disturbtion. Maybe our German pensionists and Dxer at Denia Spain and Menorca island will hear more positively on this matter.
			(wb via DXLD)
4765,00	Nov27	0425	R Progreso, La Habana Cuban songs, 0435 Spanish time ann and talk (AP-DNK)
4765,03	Nov22	1858	Tajikistan, Tajik Radio, 1858, talk by man across top of hour and into local music.
			Poor. (David Sharp NSW)
4765,060	Dec1	1238	Tajik 1 from Dushanbe Yangi Yul melancholic muslimic central-asiatic song, - nothing
			of 1st Advent western holiday shopping center "Jingle Bells". 1238 UT on Dec 1st. (wb
4765,07	Nov27	2330	via DXPlorer) Tajik R 1, Yangiyul, Dushanbe Tajik long talk by man and woman about Balalajka, at
4703,07	110127	2550	2336 beautiful Balalajka music and songs, 2340 ID: "In jo Dushanbe" (AP-DNK)
4774,93	Nov27	2320	R Tarma, Tarma Spanish talks, also 1.12 25222 (AP-DNK)
4775	Nov22	2220	R.Congonhas, Congonhas MG, progr. de propag. relig.; 24331, QRM do PRU, em
			4774,93. (Carlos Gonçalves)
4780	Nov11	2058	<b>RTV Djibouti</b> 2058-2100 traditional HoA mx. 2100 W anner, then into the Koran.
1000	NT 00	1202	Good by 2106. So good you could hear the echo easily. (Dave Valko, Dunlo, PA)
4800	Nov23	1707	Hyderabad, cânticos, música de cítara; 33432, QRM da CHN. (Carlos Gonçalves)
4800,0	Dec1	1320	AIR Hyderabad, Andhra Pradesh. When checked at 1320 UT again, both AIR and Chinese Geermu-CHN were on even frequency. The AIR program ahead on remote unit
			in NSW-Australia. (wb via DXPlorer)
4805	Dec2	1000	Brasil, Radio Difusora do Amazonas, Manaus 1000 to 1025 noted with om in
			Portuguese with usual marginal signal. (Wilkner)
4810	Nov23	1706	Bhopal, cânticos, acordes de cítara, emissão em inglês, texto, mais música; 35433
1010		0015	(Carlos Gonçalves)
4810	Dec2	0917	Radio Logos, Chazuta, Tarapoto 0917 to 0930 with beautiful flauta andina, providing
4810,009	Dec1	1240	a good strong signal (Wilkner) seemingly on threshold signal level from AIR Bhopal, Madhya Pradesh, at 1240 UT
T010,007		1240	Dec 1. Nice Indian singer heard at 1323 UT. wb via DXPlorer
4815	Dec7	0120	Radio Difusora, Londrina PR 0120 to 0125 mention of "Jesus"in English at tune in
			then into music. Strong signal. (Wilkner)
4819,95	Dec6	0220	Kyrgyz R 1, Krasnaya Rechka, Bishkek Kyrgyz talk and song - rarely reported, ex
			4795, most times covered by Xizang and AIR Kolkata which both had faded out at this
1020	N00	7244	late hour! 35232 // 4010 (45333) (AP-DNK)
4830 4835	Nov28 Nov16	2344 1028	Mongolian R. 1, music, talks, fair (Bernardini) ABC Alice Springs 1028 found in the clear as WWCR had deadair once again. ABC
+0JJ	110110	1020	Local R. promos, 1030 reintro. for the mx pgm, then mx. WWCR still off at 1046. Fair
			signal. (Dave Valko, Dunlo, PA)

4835 4835	Nov27 Dec3	1400	VL8A Alice Springs, NT yl with some news items 27 November (MR) AIR Gangtok (presumed), 1400-1459. Daily I check here to see if I hear anything
1055	Dees	1100	underneath ABC Alice Springs; for a long time nothing heard until today; nice
			segments of definite subcontinent music/singing; some announcements heard and the
			language seemed right to be Gangtok; fortunately ABC Alice Springs was mostly talking so the music same through fairly alear. Seemed off the air after 15002 (Bon
			talking, so the music came through fairly clear. Seemed off the air after 1500? (Ron Howard, Asilomar State Beach, CA, USA)
4835,00	Dec4	*0058-	AIR Gangtok, AIR IS, 0100 Hindi ann, "Vande Mataram hymn" (AP-DNK)
4845	Nov20	2325	R.Cultura Ondas Tropicais, Manaus AM, noticiário; 13341, QRM de CODAR. (Carlos
1050	N. 20	1010	Gonçalves)
4850	Nov30	1212	AIR Kohima with one of their rare SW broadcasts; special transmission on the eve of the Hornbill Festival and 50th anniversary celebration of Nagaland Legislative
			Assembly. To mark these special events, India's Prime Minister Narendra Modi is
			currently visiting Nagaland. Should be on the air again tomorrow.
			http://www.hornbillfestival.com/ . Highlights from tune in at 1212, to tune out at 1425:
			1212-1258*: Program of typical Christians songs; it should be pointed out that
			Nagaland is predominantly Christian. Went off the air for some minutes. 1304-1315: Back on with program schedule in English; Hawaii style songs. 1315-1340: Indigenous
			language (Naga) program; jingle in Hindi for advertisement; started and ended with
			unique stringed indigenous instrument. 1340-1400: First news in Hindi, followed by
			same news in English; info about all the dignitaries visiting Nagaland and the special
			live Web feed from the Hornbill Festival. 1400-1425: Long series of speeches in
			English; starting with one by the "Honourable Governor of Nagaland"; played National
			Anthem. Poor reception, but at times semi-readable; many IDs; almost no QRM from Xinjiang PBS, also on 4850. Poor, unedited audio -
			https://app.box.com/s/5azj4lt3wd2zzlebphco
			Dec 3 - Have not heard Kohima's evening broadcast again, not since Nov 30. Seems
			they only broadcasts the Hornbill Festival for a very limited time this year. A major
			disappointment to me! Fortunately Gautam Kumar Sharma (Abhayapuri, Assam, India) was able to hear their
			morning broadcast the next day starting at 0129 on Dec 1. His blog has some nice audio
			clips, which are much better than my recorded audio.
			http://www.gkcalling.blogspot.com/ .
10.50	<b>D</b> (	1000	(Ron Howard, San Francisco at Ocean Beach, CA, USA)
4850	Dec1	1220	AIR Kohima, Nagaland <b>- not</b> -, rather Chinese Xinjiang PBS, XJBS Urumqi, Xinjiang service heard here on even 4850.0 around 1220 UT on Dec 1. Undoubtedly Urumqi,
			heard in Nagoya Japan remote unit, S=9+5dB in Kazakh language. (wb via DXPlorer)
4850			[Non] AIR Kohima remains silent for their evening broadcast as of Dec. 4. (Ron
			Howard, Asilomar State Beach, CA, USA)
4860	Nov23	1730	AIR Shimla, inglês, texto, música; 34432, QRM de CODAR. (Carlos Gonçalves)
4860	Dec7	0018	AIR Shimla, Himachal Pradesh, subcontinental music / singer heard well above CODAR wiper signal. (wb, Wolfgang Büschel)
4865,015	Nov28	1035	<b>R. Verdes Florestas</b> Soft PT vcl song at 1035 t/in, 1036 full ID w/freqs by M over
,			mx, then into what sounded like a morning rel. pgm. Just good enough to copy. (Dave
			Valko, Dunlo, PA)
4869,926	Dec1	1250	RRI Wamena, Propinsi Papua in BI at 1250 UT. S=7 -82dBm signal on remote Nagoya
			Japan SDR unit. But at 1330 UT seemingly also AIR Delhi Kingsway in Nepali? lang. outdated schedule?, heard on footprint 4870.002 kHz. (wb via DXPlorer)
4880	Nov28	1208	<b>AIR Lucknow</b> Carrier w/tone from at least 1208 to 1213, then AIR IS to 1215 when
			lady came on w/apparent opening anmnt. Nice to hear Indians on 60m again. (Dave
			Valko, Dunlo, PA)
4880	Nov23	1705	AIR Lucknow, cânticos; 23331, QRM de CODAR. (Carlos Gonçalves)
4885,03	Nov27	0445	R Clube do Pará, Belém, PA Brazilian pop songs, 0449 Portuguese ID: "Rádio Clube" 35333 (AP-DNK)
4894,995	Dec1	1340	UNID, Mongoliin R Murun? A lot of local Flute music. (wb via DXPlorer)
4895,00	Dec5	2315	Mongoliin R, Murun Mongolian ann, classical folkmusic. 4830 not heard (AP-DNK)
4895	Nov15	1128	AIR Kurseong 1128 IS, then M anner at 1129. (Dave Valko, Dunlo, PA)
4895	Nov28	1642	AIR Kurseong, slow songs, weak (Bernardini)
4905	Nov20	2333	Nova R. Relógio, Rio de Jan.º RJ, , canções; 13341, QRM da CHN e do sinal CODAR. (Carlos Gonçalves)
4910	Nov23	1728	Jaipur, inglês,texto, música; 34333, QRM adj., modulação muito fraca. (Carlos
., 10	1.0,20	1,20	Gonçalves)
4910	Nov28	1648	AIR Jaipur, slow songs, fair (Bernardini)
4910,008	Dec1	1305	UNID. S=7 subcontinent Hindi lang sounded program at 1305 UT, probably AIR

			Jainur Baiasthan notad in Nagawa Janan (uh via DVBlarar)
4915	Nov26	2350	Jaipur, Rajasthan, noted in Nagoya Japan. (wb via DXPlorer) Radiodifusora Macapá, Macapá, AP 2350 to 0005 Pop music covers in Portuguese then
			ID "Radio Dif MacapáKiloHertz' 26/27 Nov. (Wilkner)
4920,0	Dec1	1345	Even frequency of AIR Chennai, Tamil Nadu, best AIR signal downunder in NSW- Australia remote SDR unit at 1345 UT. wb via DXPlorer
4939,957	Dec1	1350	odd frequency lower side, at 1350 UT heard Chinese program of Voice of the Strait,
			Fuzhou, Fuijan. S=9 strength downunder in NSW-Australia remote unit. (wb via
4940	Nov29	1529	DXPlorer) Voice of Strait with "Focus on China". Address given to write to "Focus on China";
4940	110123	1329	ID "This is the Voice of Taiwan Strait News Radio"; good reception (Ron Howard,
			San Francisco at Ocean Beach, CA, USA)
4949,74 4949,84	Nov28 Nov22	1811	R.Nacional, Angola, talks, better modulation than usual, fair (Bernardini) RNdA, noted at 1811 with strong carrier but almost no audio. (David Sharp NSW)
4950,008	Dec1	1355	UNID. a stn string visible at 1355 UT, probably like AIR subcontinent singer music, of
10(0.00	N. 07	0.455	? R Kashmir, Srinagar, Jammu? Maybe back on air after flood? (wb via DXPlorer)
4960,00	Nov27	0455	VOA, Pinheira English: This is "Today in History", editorial about Thanksgiving Day, 0500 ID: "This is the VOA. The following program is in Hausa", Hausa news
			45344 (AP-DNK)
4965	Nov19	0903	<b>R. Alvorada</b> Just missed getting an ID recorded at 0903 t/in. A lot of tlk by M DJ
			w/an occas. song. Rooster crowing SFX. Many "Bom Dias". Long ad/promo block at 0929-0935 w/full ID and freqs by M at 0934:50 at the end. Rooster SFX again w/live
			M DJ, then into a song. Not bad for this and modulation seemed a little higher today.
4970,017	Dec1	1352	(Dave Valko, Dunlo, PA) UNID stn program, singer at 1352 UT Dec 1st. Acc DBS list of dswci, could be of AIR
4970,017	Deel	1552	Shillong, Mawgrong, Meghalaya? (wb via DXPlorer)
4975,96	Nov11	2020	<b>UBC R.</b> 2020:05 "UBC Radio" ID by M and tlk over mx. 2034 end of "I Will Always
			Love You" by Dolly Parton, and into another Pop song. 2038 into another C&W song. Nice signal w/very quiet conditions. 2041 M DJ between songs w/TC, ID, ment of
			upcoming nx, etc. Back to C&W mx at 2046. Nice "This is UBC Radio" canned ID by
			W between songs at 2050:45. 2054:30 live M DJ nice ID, gave his name, and pgm
			name, etc. 2100 into "UBC News Hour". Off at 2104. Modulation rather low. Incredible S9+10 by 2050, the strongest signal on the band. Despite the C&W mx, it
			was very enjoyable listening. <u>http://youtu.be/yyI79Syh-0w</u> (Dave Valko, Dunlo, PA)
4976 4985,5	Nov28 Dec6	1655 2325	UBC, Uganda, conversation in English, fair/good (Bernardini) R Voz Cristiana just above a strong UTE signal. Only USB useful for audio. TN
4990	Dec0 Dec2	0940	Unid. 0940 to 1000 carrier and very weak audio noted 2 December and other mornings,
			same time. May prove to be Suriname, Radio Apintie, Paramariboif still on the air
5000	Nov20	2259	(Wilkner) <b>BPM</b> 2250 time ticks in between WWVs time ticks, 2259 repeating CW IDs. 5010
			CNR1 doing well at the same time. (Dave Valko, Dunlo, PA)
5010	Nov28	1700 1357	AIR Thiruvananthapuram, talks, maybe news, weak, QRM (Bernardini)
5010,007	Dec1	1557	UNID. A heavy B U Z Z Y audio signal noted at 1357 UT, probably Hindi service of AIR Thiruvananthapuram, Muttathura, Kerala. Visible are some ±five 100 Hertz peaks
			either sideband (wb via DXPlorer)
5011,6		1850	R.TV Madagasikara, Ambohidrano, texto, mas foi inviável verificar se seria em francês ou em malgaxe; 15341. (Carlos Gonçalves)
5020,0	Dec4	1200	JBA carrier continues in 5025 Cuba splash. I suppose SIBC is again leaving its carrier
			on past ``sign-off`` even if no modulation; far too weak to tell the difference here
5020	Nov29	*1900-	(Glenn Hauser, OK) Solomon Islands med någon form av referat. Sign on 1900 och fade out A1925. Svag.
			SA
5040	Nov28	1213	<b>AIR Jeypore</b> Quite audible at 1213 w/subcont. mx then M anner. One of many Indians hrd this morning. (Dave Valko, Dunlo, PA)
5040,00	Nov28	28.11	AIR Jeypore Vernacular talk, Indian songs, 1730 English news // 5010. Also heard at
50.40		1000	0042 30.11 Indian songs under R Habana Cuba 32432 (AP-DNK)
5040	Dec4	1330	AIR Jeypore, as of Dec 4, has been doing very well this past week when checking about 1330. Nice to have them back with such a good signal. (Ron Howard, Asilomar State
			Beach, CA, USA)
5040	Dec3	1439	AIR (Jeypore) (tent.) 1439-1500+ 3, 4, 5 Dec. Probably these guys w/ Bollywood movie tunes, chants (& an almost festival-style broadcast on 4 Dec.), Hindi chattnx
			Bruce Churchill's info on their apparent reactivation. (Dan Sheedy, Moonlight Beach,
			CA PL606 'barefoot')
5040,002	Dec1	1210	AIR Jeypore, Odisha heard in seemingly Hindi language, on nearly even frequency on Dec 1st at 1210 UT on remote SDR unit in Sydney downunder, S=7-8 signal, and much
			200 180 at 1210 01 on remote 5210 and in 55 and 5 downlander, 5-7 o signar, and inden

5050	Nov23	2249	lot of thunderstorm 'scratches' noise too, disturbed reception today. (wb via DXPlorer)
5050,0	Dec1	2249 1410	Beibu Bay R (p), Nanning, música, progr. em mandarim, texto. (Carlos Gonçalves) Even frequency outlet in undoubtedly Vietnamese language, heard in downunder
5050,0	Deel	1410	Australia on remote SDR unit. Beibu Bay R, Nanning, Guangxi. (wb via DXPlorer)
5050	Dec2	1254	found AIR Aizawl back on the air mixing with BBR; 1254 + 1318-1322; gone by 1332
			(clearly only BBR there); 1412-1419 to find them back again (Ron Howard, Asilomar
			State Beach, CA, USA)
5066,326	Nov11	1955	<b>R. Candip.</b> Shocked to find Afro Hi-life mx coming through easily at 1955!! Finally M
			anner briefly at 2005, but right back to mx. 2013 into what sounded like a Top 40 remake (can't recall title). 2016:40 M DJ briefly, then canned anmnt by W in FR, brief
			drum IS, and off at 2017:42. A BOG pointed in the right direction and quiet conditions
			certainly helps. <u>http://youtu.be/v-IhPkDKGU0</u> (Dave Valko, Dunlo, PA)
5066,35	Nov22	1803	Democratic Congo, Tele-Candip, 1803, about the best ever with talk by a French man,
			hi life. In the clear with no UTE. (David Sharp NSW)
5910-	Nov30	0607	HJDH is active again, song in the style of ``Guantanamera``, soon ID not as Alcaraván
			Radio but as La Voz de tu Conciencia; fair signal, slightly on the lo side and no QRM at this hour. The other HJDH is also on air, 6010v, at 0609 playing different less secular
			music, instrumental version of ``Amen, amen, amen,``, with het presumed Brasil; at
			0613 it too IDs, by OM as LV de tu Conciencia. Back to 5910 at 0614: another LV de
			tu C ID, by YL. Strange; mixed up their automation? Or is the Alcaraván Radio
	5 (	0.62.4	programming from 1530 no longer to be shortwaved? (Glenn Hauser, OK)
5910-	Dec1	0634	Ballad, YL ID as La Voz de tu Conciencia, like last night, rather than Alcaraván Radio,
			tropical music; while the other HJDH, 6010v, is also on with different music, het (Glenn Hauser, OK)
5910	Dec2	0935	Colombia Radio Alcaraván, Puerto Lleras 0935 non stop music, strong signal, still
			there at recheck 0955 (Wilkner)
5910,03	Nov30	1045	<b>R. Alcaravan</b> Found back on the air at 1045. ID anmnt at 1102. Good.
5015	N	1011	http://youtu.be/m7YSY0IvI5w (Dave Valko, Dunlo, PA)
5915	Nov21	1844	ZNBC-Radio 1, Lusaka, dialecto local, texto; 34342, QRM adj. oriundo de 5910. (Carlos Gonçalves)
5915	Dec4	0419	R. One/ZNBC. Nice promo in English for "GOty, entertaining Zambia"; decent signal
			and fairly readable. Audio at https://app.box.com/s/z9q2a8ge2alu9j2enwl1 and GOtv
			website http://zambia.gotvafrica.com/Home/?gclid=CLekiafZq8ICFU-TfgodSSYAYA
5020 76	N	2240	(Ron Howard, Asilomar State Beach, CA, USA)
5939,76	Nov21	2349	<b>Voz Missionaria</b> Nice short ID at 2349:20. Very disturbed conditions making it weaker than usual and sounding watery and choppy. (Dave Valko, Dunlo, PA)
5950	Nov21	1531	Voz da Revolução do Tigrê, Geja Jawe, tigrínia (p), canções do Corno de África;
			35332. (Carlos Gonçalves)
5950	Nov24	1432	R.NZi, Rangitaiki, inglês, entrevista, noticiário das 1500, canções; 25432, mas em
5052.2	N. 20	0055	ascensão. (Carlos Gonçalves)
5952,2	Nov28	2355	Pio XII, Siglo Veinte 2355 to 0000 strong signal after most of the month silent. Checked last night same time and was silent so today may be first day? (Wilkner)
5952,43	Nov28	1013	<b>R. Pio Doce</b> 1013 morning nx pgm by M host w/ments of Potosi. Remote rpter
			soundbites. 1015 ad break starting w/quick ID by M. Phone ringing and whistle SFX
			during ads. Ment of Potosi. Back to nx at 1019 and almost immediately into soundbits.
			Best hrd in quite a while. Fairly good signal at start but fading by 1020. QRM from
5952,43	Dec4	-0228*	5955 CRI. (Dave Valko, Dunlo, PA) Radio Pio Doce. Off with the unique and easy to ID distinctive whistling "Colonel
3932,43	Dee4	-0228	Bogey March" (commonly known as the River Kwai March), along with ID; followed
			by chimes; almost fair (Ron Howard, Asilomar State Beach, CA, USA)
5952,44	Dec7	0116	Pio XII, Siglo Veinte 0116 with yl chat to 0127 with music . Signal is strong with
5050 40	D (	2220	distortion and some flutter (Wilkner)
5952,49	Dec6	2230	Fantastic signal from Pio XII at this time. Never heard Pio XII so strong! Christoph Ratzer. <i>Indeed, also very good here at 2315 with mx. /TN</i>
5952,49	Nov30	0045	R Pio XII, Siglo XX Spanish drama play 35343 (AP-DNK)
5952,52A	Nov28	0211	R. Pio XII, from Siglo XX, poor signal but better than the weak carriers on 5950 &
			5955, M&W discussion including Spanish words such as ``alabanza``, ``jueves 27``, but
			mostly incomprehensible, probably Quechua altho it also emits in Aymara. Haven`t
5065.00	Nov20	1600	heard this one in quite a while since it was common in our summer (Glenn Hauser, OK) Padia Klasik, PTM now running the 100 kW transmitter instead of the 50 kW older
5965,00	Nov29	1000	Radio Klasik. RTM now running the 100 kW transmitter, instead of the 50 kW older, off frequency one (5964.7); singing "Radio Klasik" jingle; singing National Anthem
			(which was // 9835 and 11665); another singing RK ID and into music show. Earlier of
			course CRI totally dominated 5965 with a very big signal, but now that RK and CRI are
			so close in frequency, the usual het of 5964.7 is no longer heard. Thanks to both Dave

5985,22	Dec3	1535	Valko and Dan Sheedy for the frequency alert after their monitoring yesterday (Ron Howard, San Francisco at Ocean Beach, CA, USA) Myanmar Radio. "VOA Special English, words and their stories"; nose and ear expressions ("hard nose," "nose to the grindstone," "no skin off my nose," "right under your nose," etc.); poor-fair; heard during the English segment that started at 1530. Nice to find they still have this VOA program on Wednesdays!
			http://learningenglish.voanews.com/content/words-and-their-stories-nose-and-ear- expressions/1516907.html contains a transcript of today's program (Ron Howard, Asilomar State Beach, CA, USA)
5985,26 5985,265v 5985,269	Dec5 Nov28 Dec1	2350 1415	Myanma R, Yegu, Yangon Bamar ann, folkmusic, man and woman talking. (AP-DNK) Padauk Myay R. (pres), Myanmar, talks, better USB (Bernardini) Myanmar R from Rangoon, in sounding Burmese language, heard at 1415 UT Dec 1st.
5985,3	Nov27	1315	Before CRI Beijing starts 1600-1757 UT powerhouse in Swahili to East Africa (wb via DXPlorer) Vocal pop music, very poor, but no doubt Myanmar Radio, 25 kW roughly N/S from
6010.11	Deef	0250	Yangon per Aoki; no longer just a het upon Shiokaze at 1330-1430, which has moved to 5910. Are the Myanmarianese still alternating transmitters, sometimes on 5985.0 even? (Glenn Hauser, OK)
6010,11 6015	Dec6 Nov13	0250 0247	La Voz de tu Conciencia, Lomalinda Spanish talk, hymns 25332 (AP-DNK) <b>ZBC R.</b> Came on the air at exactly 0247:43 w/apparent press feature abt Ebola by W in Swahili already in progress. Ments of Ebola, New York, Liberia, etc. Discussion w/reporter too. Ended at 0256, and into Afro Pop mx. 0257:41 usual slow time ticks, W anner w/ment of ZBC, and ending w/ment of Koran. 0259 intro by M then Koran until 0304 followed by M in preaching style. 6020 CRI (Albania) OC came on late at 0310 and then blasted out ZBC R. right as the M ended at 0313:30. Good signal. (Dave Valko, Dunlo, PA)
6024,95	Dec6	2325	Red Patria Nueva only in LSB with mx, Disturbed by CNR which was quite strong on 6025,0. TN
6030	Dec1	1040	Unid Canada, Calgary some weak English mixing with dominant Spanish—Cuba. (MR)
6030	Dec4	1320	Calgary - CFVP relaying CKMX (AM 1060). Series of local ads. Recently has been especially good, with steady signal. Audio at <u>https://app.box.com/s/ss7rccmirbkjxuby0i13</u> (Ron Howard, Asilomar State Beach, CA, USA)
6030	Nov11	1932	<b>R. Oromiya</b> Nice signal at 1932 w/slightly distorted HoA mx. 1937 M DJ came in, and back to HoA mx at 1940. Would have stayed with this to sign off but wanted to check the 60mb. (Dave Valko, Dunlo, PA)
6030	Dec1	1449	R. Oromiya (presumed). Fairly good signal; nice HOA music/singing; ToH news in vernacular. My local San Francisco sunrise at 1506 UT. Audio (edited) - <u>https://app.box.com/s/iv00lyjk35mzxq108e76</u> (Ron Howard, San Francisco at Ocean Beach, CA, USA)
6030	Dec3	1438	R. Oromiya (tent.) 1438-1525 fade 3, 4, 5 Dec. Thanks to Ron Howard's tip, what seems to be Oromiya has been sneaking in the past few days w/ phone Q&A, dance pop/Whitney Houston: "I Will Always Love You"/HOA songs + some heavy percussion hip-hop, poss. news headlines @ TOH, :05 back to music/chat. Tends to get clobbered by AACi from CNR1 jammer on 6025 after 1500. (Dan Sheedy, Moonlight Beach, CA PL606 'barefoot')
6034,96	Nov24	1213	BBS (presumed). Sign off time varies a great deal; Nov 23 heard the usual brief indigenous music at 1213; at 1216 segment of repetitive indigenous singing; not sure when BBS went off the air; had been listening to unique Bhutan singing one minute and then the next I realized, about 1232, that the music was no long via BBS, but was PBS Yunnan by itself; poor. BBS, Nov 24, much better reception above weaker PBS Yunnan; program of EZL pop songs; at 1156 seemed to be ending program announcement in English (clearly hear "tomorrow"); certainly off at 1156*, leaving PBS Yunnan in the clear and with usual ID in English at ToH ("This is the Voice of Shangri-La, brought to you by Yunnan Radio") (Ron Howard, San Francisco at Ocean
6050	Dec1	2155	Beach, CA, USA) R. Nigeria, Ibadan?? Found w/African-accented EG rel. tlk pgm at 2155. 2200 promo for "Revelation Chapel International" services at "Airport highway", followed by live M DJ "You've just listened to the 'Hour of Revelation'. Join us next Monday at 9:30 for the next broadcast. The ?? is next". Then into pgm "The Heathen Broadcast" to 2227. 2227-2230 what sounded like PSAs w/African-accented EG. Phone # given once. HCJBs OC was coming up strong after 2225, but could still tell there was a nxcast w/M anner to at least 2241 w/ments of Zambia and Liberia. Fairly strong at t/in.

6050	Dec6	2156	http://youtu.be/EjR2w8SGc_8 (Dave Valko, Dunlo, PA) ELWA. The UNID I noted on 1 December turned out to indeed be ELWA. Found it // 4760 at 2154 w/end of EG rel. pgm. 2156 nice simple EG echo ID by M (a little too heavy on the echo), then into "Oh Holy Night", and continuing w/more mx. Fairly good signal. Thanks to John Herkimer for suggesting this might be ELWA at the first reception. A video can be found at <u>http://youtu.be/b1LTKjBt-QQ</u> (Dave Valko, Dunlo, PA)
6050	Dec6	2346	Yes correct, heard here in southern Germany, some chimes and bells on both 6050 and 4760 reported as ELWA, at 2345-2347 UT Dec 6th. Lhasa Baiding Chinese is on top on 6050 kHz, but 4760 channel is clear the whole evening. (wb, Wolfgang Büschel) ELWA. Also heard here in southern Sweden // 4760with "Silent Night". A bit stronger
6050	Dec4	-1508*	signal on 6050 but disturbed by Lhasa on the same frequency. TN Salam FM (via RTM-Kajang) 1504-1508* 4 Dec. A rare day they stayed on past
			1500ML commentary on Qur'an, Salam FM jingles, a bit of recitation & off mid-chat. (Dan Sheedy, Moonlight Beach, CA PL606 'barefoot')
6050,027	Nov29	1110	Asyik FM?? Nothing but an OC on HCJB from 1110 this morning, so it was easy to hear the het on this freq. A little mx noted weakly towards 1200. Presumably Asyik FM on this freq. (Dave Valko, Dunlo, PA)
6055	Nov20	2056	<b>R. Rwanda</b> 2056:50 Promo/ID by M mentioning "East Africa Connection ?? Radio Rwanda", then live W DJ w/rapid tlk w/ments of Rwanda, broadcast, Tanzania, ending with "East Africa Connection ?? Bye bye and goodnight", and she was even singing, then back to mx. Fairly good. (Dave Valko, Dunlo, PA)
6055	Nov29	1501	Radio Rwanda, Nov 29. Live sports coverage as usual on the weekend; non-stop noisy, rowdy fans in the background; via long path; this preempts weekday news program; fair. Audio - <u>https://app.box.com/s/5896re7g2g2ae8nm9j4y</u> (Ron Howard, San Francisco at Ocean Beach, CA, USA)
6055	Nov27	1342	R. Nikkei 1 is totally in English as usual on Thursdays around now; axually a lesson with a clearly enunciated conversation, M&W discussing communities, child care. Good signal and even better on // 9595, at 1355 about the Yamagata Festival. Thankfully, this is a good propagation day and the local noise level is lowered as my RF neighbors must be away for some reason. So along with Shiokaze, we are getting more
6060	Nov23	1430	English now from Japan than via NHK (Glenn Hauser, OK) Sichuan PBS-2. Recently noticed that they give the recorded English ID not only at ToH, but also at BoH; "Nationality Channel. This is the People's Radio Station. SW
6070	Nov26	1213	6060, 7225, FM 88.1" (Ron Howard, San Francisco at Ocean Beach, CA, USA) <b>CFRX</b> Big sudden signal increase at 1213. <u>http://youtu.be/CTx2Vtysk24</u> (Dave
6070	Nov21	2332	Valko, Dunlo, PA) CFRX, Toronto ON, retransm. da CFRB, inglês, boletim meteorológico, anúncios comerciais; 24332. (Carlos Gonçalves)
6070	Dec1	0740	CFRX med relä av "CFRB AM" med reklam för Johnny Walker. 3-4 SA
6089,85	Nov11	2110	<b>R. Nigeria Kaduna</b> 2110 nx by M in Hausa. 3 mentions of Nigeria Kaduna at 2114:55. Unlike Uganda, this was distorted from being overmodulated. Tremendous
6089,86 6110	Nov28 Nov16	2240	signal. (Dave Valko, Dunlo, PA) R. Nigeria, Kaduna, talks mentioning Kaduna & Nigeria, Good (Bernardini) <b>Xizang PBS</b> In Tibetan w/alternating tlk by M and W, 4920, 6200, and 7255. 4920
6110	Nov28	2049	best and clearest. Others all about the same. (Dave Valko, Dunlo, PA) <b>R. Fana</b> Defective mic audio w/lady DJ, 2049. 100 hz tone/rumble.
6115	Nov22	1817	http://youtu.be/40579M8jJ8U (Dave Valko, Dunlo, PA) Radio Congo, noted in passing at 1817 with man and woman alternating stories. Many
6135	Nov11	1843	local references and strong modulation. (David Sharp NSW) V.O. Islamic Rep. of Iran Tlk by M anner at 1843 t/in 1845 fanfare and a few mx
0155	NOVII	1645	bridges mixed w/M anner, then cont. tlk. Long remote rpt soundbite by M in FR. Then realized this was Iran, not Yemen. As long as Iran is here at this time, Yemen will be
6135	Nov27	1344	impossible. Too much pulsing UTE QRM from just below. (Dave Valko, Dunlo, PA) Poor signal with songs, then Korean talk by M&W over Juche jamming noise, so presumed V. of Freedom clandestine from the SOUTH; also an intriguing fast but slight SAH: would that be Madagascar or Yemen? Ron Howard says VOF has English lessons (presented in Chinese, why?) M-F at 1300, Sat/Sun at 1350 (Glenn Hauser, OK)
6135 6155	Nov20 Nov11	2340 1843	R.Aparecida, Aparecida SP, propag. relig.; 43432. (Carlos Gonçalves) AIR Delhi Mx weakly at 1843. Picked up very quickly by 1855. Very nice signal at
			1907 w/end of subcont. mx and M anner w/ment of radio, then back to mx. (Dave Valko, Dunlo, PA)
6155,11	Dec6	2330	R Fides with low modulation. Mx. S5 signal. TN

6160	Nov20	2342	CKZN, São João da Terra Nova, inglês, entrevista, rubrica acerca de jogos de vídeo; 34332, QRM adj. da R.Intern. da China, em 6165, via retransm. europeia. (Carlos Concelvas)
6160 6165	Dec1 Nov29	0745 -1500*	Gonçalves) CKZN, St. Johns med anrop "CBC Radio One". Ekonomisk kommentar. 2-3 SA Thazin Radio via Pyin Oo Lwin, 1430-1500*. In English; usual intro ID; pop songs; news; more songs; 1447 program "Myanmar Traditions and Customs"; usual heavy CNR6 QRM, but small bits could be heard (Ron Howard, San Francisco at Ocean Beach, CA, USA)
6165	Dec1	1446	Thazin Radio via Pyin Oo Lwin. Usual Monday program "Myanmar Festivals"; CNR6 QRM, but small bits could be heard (Ron Howard, San Francisco at Ocean Beach, CA, USA)
6165,00	Dec5	2340	Thazin R, Pyin U Lwin Chin announcer talking, frequent interludes of instrumental pop music, song 34433 (AP-DNK)
6173,9	Dec2	0940	Radio Tawantinsuyo, Cusco 0940 to 0950 in Spanisj with om chat but difficult signal, if always noted this time frame. (Wilkner)
6180	Nov11	1942	<b>V.O. Islamic Rep. of Iran</b> 1942 M w/EG nx. Fanfare and laser SFX, into mx bridge and EG ID and nx promo by W. This is sked to be in RS at this time. (Dave Valko, Dunlo, PA)
6180,00	Dec3	0635	R Nacional da Amazônia, Brasília, DF Portuguese ann, Brazilian pop songs 45333 (AP-DNK)
6184,980	Dec7	0109	XEPPM R.Educacion Mexico City, Ziehharmonika Musik. (wb, Wolfgang Büschel)
6224u	Dec3	1230	New Zealand, ZLM Taupo Radio 1230 - 1233 wx information (Wilkner)
6230u	Dec3	1145	Australia VMW Wiluna Meteorological Radio, West. Aus 1145 to 1147 "meters off shore today" (Wilkner)
6263,5	Nov23	2212	R.OZNRH, DNK, música de jazz; 25331, QRM ocasional de sinal de ponto-a-ponto. Esta emissora pir. dinamarquesa emite também em 1616, usando, não uma antena Vert., como p/ os 6263,5, mas uma ant. dipólo, no caso, encurtada, pelos motivos óbvios. Infelizmente, o operador, Ole, não dispõe de mais espaço p/ melhorar ambas as antenas. (Carlos Gonçalves)
6289,6	Nov23	1035	Geronimo Short Wave, G, inglês, música pop', conversa; 25443. Sinal ainda audível às 1340. // 9334,6. (Carlos Gonçalves)
6295	Nov20	2348	R.Black Bandit, HOL, holandês/inglês, canções, ID de hoje "R.Abu Dabi"; 55444. Outros IDs de paródia usados pelo "Bandido Negro": Johnny Tobacco, R.Volcano (Gronelândia) (!), R.Hardanger. Mas quem conhece a voz do locutor, sabe,
			simplesmente, que se trata do Black Bandit. (Carlos Gonçalves)
6299,9	Nov22	2207	R.Montferland, HOL, inglês, música "c&w" em versão holandesa, outras canções; 34333, QRM adj. de sinal de ponto-a-ponto, sinal em perda. (Carlos Gonçalves)
6305,95	Nov22	2231	R.Tower, HOL, holandês/inglês, música pop', saudações a Jari, na Finlândia; 45433. (Carlos Gonçalves)
6306,3	Nov23	1633	R.Joey, HOL, música pop' e canções holandesas; 35443. (Carlos Gonçalves)
6380	Nov23	1630	R.Witte Reus, HOL, inglês, música pop'; 25332. (Carlos Gonçalves)
7120 7120	Nov11 Nov26	1828 0332	[Non] No sign of 7120 Hargeisa at 1828 Nov 11. (Dave Valko, Dunlo, PA) At check, no signal from R. Hargeisa, as had been regular here around sign-on. It was off for a week or more, but Wolfgang Büschel has been hearing it again irregularly in the 13-14 UT period, as has Terry Krueger in FL (Glenn Hauser, OK)
7120	Nov22	-1401*	the 13-14 UT period, as has Terry Krueger in FL (Glenn Hauser, OK) Radio Hargeysa. 1400-1401:31*. Presumably the one, as seasonally heard fairly consistently here every year since this one came on the air, though rarely with much audio coming through. Pulls the plug typically +/- a few seconds to a minute or so variable after 1400. Assuming they come back at 1500 as listed in some sources, propagation has never allowed it to be detected here by then. Not sure what path this one is taking to make it here. USB often needed if pigster activity is too close. (Terry L Krueger, Clearwater FL via DXLD)
7200	Dec3	2230	Hargeysa 7120 was usually a daily guest, heard easily here in Europe in past 2-3 years. Could be the working hours are much limited now ? But was not on air at least in the past let's say on Nov 15 to 18, when the 7130v station appeared. I never came across anymore of both, despite I didn't monitored these channels specially. And the short time lived appeared 'clandestine opposite' program of 51mins duration length from London anti-Bahrain TV station in Arabic according Tarek, on air from Friday/Saturday Nov 14/15 onwards, wandered mostly downwards on 7130.6 to 7130.22 kHz channel, latter disappeared also some 3-4 days before now. (wb via DXLD) Btw. Sudan's single tx seemingly repaired, now back, and reported by Thorsten Hallmann on Dec 3rd, 4th, 5th. Recording of 5th and 6th sent to Tarek at Cairo, - for help to identify. WRTH 2015 reported sign-off 21 UT, but heard the whole evening

			after 2230 UT this Saturday, checked again of 7200 channel. Schedule 1630-1930 UT on 9505.000 even frequency, suffered by TWR Manzini Swaziland powerhouse 9500v til 1902 UT s-off, so best window is 1902 til 1931 UT slot, then Omdurman TX move to 7200.000 or 7199.9995 precise, instead. Low modulation level especially the spoken parts. (wb, Wolfgang Büschel)
7200,104		1420	And at 1420 UT also on odd frequency Rangoon outlet on 7200.104 kHz. But nothing
7254,94	Nov11	1918	'seen' today on usual spurious peak string outlets of ±14.8 kHz. (wb via DXPlorer) V.O. Nigeria 1918+ Eg nx pgm w/W host and many remote report soundbites. Ments of Nigeria. Good signal, but like everyday, Hams were just blasting them. (Dave Valko, Dunlo, PA)
7265	Dec1	1212	UNID. Found the signal came on at 1212:58 and then mx about 5 seconds later which sounded subcont. W anner at 1215 w/what could have been a ment of Pakistan but that's very very uncertain. More mx and tlk but not strong enough to get a clue. Definitely sounds Asian. India or Pakistan perhaps?? Not HLR as nothing was there on the Twente web rx. And not CNR2 as it signed on at 1230. <u>http://youtu.be/jJg7kB-tKKM</u> (Dave Valko, Dunlo, PA)
7269,987	Nov26	0837	Across Alaska and Pacific ocean west coast noted odd frequency signal from Mongolian sce at PBS Nei Menggu of Hohhot #839{acc Aoki list} tx station. At 0837 UT on Nov 26. Firedrake music from China mainland heard again today, on 7415 kHz at 16-19 UT on Nov 26 against US RFA Tinian Mandarin program co-channel. (wb, wwdxc BC-DX TopNews Nov 26)
7275	Nov14	1111	<b>Xinjiang PBS</b> 1111-1132+ phone-in talk pgm w/M host in Uyghur. Mostly serious- sounding but a lot of laughing at 1117. //9560. Both freq kind of weak with 7275 QRMed often by Hams and 9560 clear. Audio sounded a bit distorted (Dave Valko, Dunlo, PA)
7290,006	Dec6	~0700	AIR Thiruvananthapuram, Muttathura, Kerala, in probably Hindi/Malayalam 7.5 kHz wide transmission, S=9+25dB, but BUZZY transmission - not clean - of like garden fence 100 Hertz +/- 13 peaks each sideband. Wolfgang df5sx, wwdxc
7235,67	Nov28	1806	V. of Peace and Democracy, Ethiopia, in Tigrinya, talks, fair, USB to avoid QRM (Bernardini)
7380,010	Dec 6	~0700	AIR Chennai, Tamil Nadu, Hindi sce, S=9+10dB, 8 kHz wide transmission 7420.003 AIR Hyderabad, Andhra Pradesh, Hindi, poor S=5-6 (Wolfgang Büschel, df5sx, wwdxc)
7435	Nov16	1058	<b>V.O. Vietnam 1</b> Heard here all alone w/chime IS at 1058. Huge signal from CRI came on seconds before ToH. Was still able to hear a W tlking through CRI a min. later. This was noted yesterday way above 7435 but right on freq today. (Dave Valko, Dunlo, PA)
7440,017	Dec6	~0700	AIR Lucknow, Utter Pradesh, Hindi singer, on threshold daytime reception level. At 0713 UT S=4 -119dBm over noise -138dBm (Wolfgang Büschel, df5sx, wwdxc)
7550	Nov12	1734	<b>AIR Bengaluru</b> M anner on very very brief peaks at 1734. Bits of mx at 1742. 1743 IS, and ID and sked by M at 1745. // 11670 which was very good. This freq improved dramatically in just 15 min. About 90% readable by 1805. Outstanding at 1830 w/end of subcont. mx and M w/ID and pgm intro. And S9+15 at 1848. (no power locally(Dave Valko, Dunlo, PA)
7590	Dec3	-1530*	North Korea Reform Radio (Tashkent) 1523-1530* 3, 5 Dec. KR chat, c/d info w/ website ("w-w-w-n-k-r-e-f-o-r-m") & possible skednot loud but fairly clear. (Dan Sheedy, Moonlight Beach, CA PL606 'barefoot')
8137u 8294-USB	Dec5 Nov24	1233 1309	Cuba, Havana Harbor 1233 to 1235 sailing vessel with wx information (Wilkner) Ho Chi Minh Radio - Vietnam Coast Station. "All stations, this is Ho Chi Minh Radio.
8989u	Nov29	2240	Navigational warning" and gives location and "Vessels proceed with caution"; fair (Ron Howard, San Francisco at Ocean Beach, CA, USA) Nicaragua "El Pescador Preacher" 2240 preacher in Spanish with mention of "en Managua' and several other references to Nicaragua. Rtty on top of signal for the last
9334,6	Nov23	1633	week. (Wilkner) Geronimo Short Wave, G, inglês, música pop'; 35433. // 6289,6. (Carlos Gonçalves)
9365 9400	Nov28 Dec6	2255 ~0700	FEBC, Manila, Philippinas, loop ids before starting 2300 bc, good (Bernardini) faint station peak on 9400 kHz at 0716 UT, maybe Radyoya Denge Kurdistane from
9425	Nov28	*2000	Grigoriopol Moldova. (Wolfgang Büschel, df5sx, wwdxc) Voice of Korea, North Korea, Kujang, start BC, Korean, fair (Bernardini)
9460,023	Nov13	1113	<b>AWR</b> Found off freq at 1113 w/RS pgming. Fair signal but severe QRM from a UTE on 9459.41. (Dave Valko, Dunlo, PA)
9520 / 7420	Nov13	-1605*	Nei Menggu PBS (Hohhot) at 1552-1605* UT on 13, 14 Nov. Nice quiet CH chat o/ piano, 5+1 pips at 1600 UT, followed by CH/Mongolian/En ID ("Radio Inner Mongolia - Voice of Inner Mongolia"), closing with flute/violin tune & (pres) ID/sked in CH at

			1605* UT. Better on 31mb (esp. after 1500 UT), 7420 gets wrecked after 1600 UT by Firedrake opening on 7415 v. RFA's 16-21 UT CH broadcast. (Dan Sheedy-CA-USA, Play DX #1627 Nov 17) re 7420.0 check at 1530 UT today Nov 27: seemingly co-channel still underneath another station in "India"'s subcontinent accent on odd 7419.986 kHz probably from Delhi Kingsway site. (wb, wwdxc BC-DX TapNawa Now 27)
9565,05	Nov22	1945	TopNews Nov 27) SRDA, Curitiba PR, propag. relig.; 22441, QRM de portadora vazia (R.Martí?). (Carlos Gonçalves)
9590	Dec6	~0700	(9589.995) Thazin R from Phin Oo Lwin, in probably Kayah language, acc Anker's DBS list, S=8 -75dBm at 0720 UT, GREAT !!!! (Wolfgang Büschel, df5sx, wwdxc)
9630	Nov20	2338	R.Aparecida, Aparecida SP, propag. relig.; 45333, modução ruidosa. (Carlos Gonçalves)
9635,78	Nov28	1059	<b>V.O. Vietnam 1</b> They finally decided to play the chime IS for a minute at 1059, then 5+1 long time ticks, ID by W in VT, usual fanfare then another ID w/ment of Hanoi. Good signal this morning too. (Dave Valko, Dunlo, PA)
9635,78	Nov28	2307	V. Vietnam 1, Hanoi, Vietnamese, fair (Bernardini)
9689,92	Nov28	*2000	Voice of Nigeria, start prg Hausa, ids, www address, fair (Bernardini)
9695	Nov17	0958	UNID. OC came on at 0958:54 this morning. Quite strong. Still no modulation that I can hear. Faded as usual. Still there at 1317 recheck but almost mixed in with the background noise visually in the display. (Dave Valko, Dunlo, PA)
9695	Nov22	1946	R.Rio Mar, Manaus AM, relato de encontro de futebol, anúncios comerciais,, canções; 34433, modulação fraca, alguma distorção no áudio; em suma, os ingredientes perfeitos p/ que, sob alguma QRM algo mais intensa, ainda que adjacente, não se conseguir captar a Rio Mar, emissora que não recebia há imenso tempo. (Carlos Gonçalves)
9730	Nov12	1627	<b>V.O. Vietnam</b> Just caught end of EG pgm at 1627 w/W giving website info. Poor and choppy signal. (no power locally) (Dave Valko, Dunlo, PA)
9730	Nov26	-1130*	Myanmar Radio, 1101-1130*. Pop songs; usual classical music before series of ads in vernacular; 1108-1121 with ABC/Radio Australia segment ("Lesson 21 - dealing with a situation" - skit in English about Miss White getting separated from her father), after which was music show; 1128 full singing ID jingle; still no positive what they are saying in the ID (" town radio" - previous audio https://app.box.com/s/a87123cta3n6vaynjjtn ); poor (Ron Howard, San Francisco at Ocean Beach, CA, USA)
9730,0	Dec7	0144	Myanmar R Rangoon, um 0144 UT Dec 7 mit S=6 Signal, ein Fenster offen bevor R TWN Sp aus Issoudun um 02 UT startet - in Spanisch (wb, Wolfgang Büschel)
9850	Nov16	1039	<b>V.O. Korea</b> 1039 orch. mx during the EG lang. pgm, <i>l</i> /6185 and 6170. This freq clear but only fair strength similar to 6170. 6185 best. (Dave Valko, Dunlo, PA)
11512/1151 7	Dec3	1432	VoT (Dushanbe-Yangiyul) 1432-1445+ 3, 4, 5 Dec. Opens on '512 & does the "jammer-avoidance-shuffle" to '517 around 1435CNR1 jammer on 11510 is kinda negligible (@ least on WCNA). (Dan Sheedy, Moonlight Beach, CA PL606 'barefoot')
11645	Nov12	1612	<b>V.O. Korea</b> 1612 EG pgming w/usual boring cmntry feature. Fair. (no power locally) (Dave Valko, Dunlo, PA)
11730	Nov28	2000	<b>R. Belarus</b> Horrible buzzing signal at 2000 check. <u>http://youtu.be/HtkeW1PNYKg</u> (Dave Valko, Dunlo, PA)
11735	Nov11	1822	<b>ZBC R.</b> Just deadair at 1822. And again at 1841 and 1858 rechecks. So they must have been having problems. Finally found w/AR Pop mx at 1950. Very good signal.
11735	Nov12	1520	(Dave Valko, Dunlo, PA) <b>ZBC R.</b> Before I started recording Perseus files, I checked to see if this was on and did indeed note a signal around 1520. No audio. Later had audio at 1613 but it was very choppy as if disturbed. A little better by 1640 w/Pop mx and canned anmnt by M between songs. Koran at 1642, but back to Pop mx by 1646. Nice Afro Hi-life mx at 1658, W in Swahili briefly at 1659, usual drum IS, time ticks at normal speed for once, then into pres. nx. 1758 nice canned ID by M after deadair. Back to slow time ticks at 1759, W w/ID and 3 min. Swahili nxcast, not EG. (no power locally) (Dave Valko, Dunlo, PA)
11780	Nov18	0730	RNdAmazonas, 0730 with nice Braso-pops and excited man. Very good. (David Sharp NSW)
11780,08	Dec6	0000	R Nacional da Amazônia, Brasília, DF Portuguese talk, Brazilian song 35343 (AP- DNK)
11970	Nov29	1356	<b>R. Free Asia/Sound of Hope</b> 1356 W in CH w/contact info. Caught an EG ID for R. Free Asia by M then at 1357 during CH pgm. So that confirms why this outlet isn't // to 12560, 13890, or other Sound of Hope freqs. This was weak but readable. (Dave Valko, Dunlo, PA)

15070	Nov30	1612	<b>Cupid R.</b> Cut in on a song to air SSTV at 1612. More mx. Finally ID closing anmnt w/freq, rpt acknowledgements, etc. over "Every Day is a Winding Road" by Cheryl Crow. (Dave Valko, Dunlo, PA)
15080	Nov23	1617	Short Wave Fly, HOL, inglês, música pop', indicação do end.º de correio electr.º, p/ envio de relatórios de recepção; 25332. (Carlos Gonçalves)
15120 15190	Nov18 Nov11	0720 1820	Nigeria, VON, 0720 with news or similar in French. Very good. (David Sharp NSW) <b>R. Pilipinas/PBS</b> Usual canned full ID by M in EG at around 1820 t/in (unfortunately I wasn't recording). After checking other things, came back and noted discussion by 2 W in Filipino. Ended the feature at 1839 w/women shouting "Bye", then R. Pilipinas ID, canned anmnts including another ID at 1839:55 w/laser SFX. 1840:25 M w/another ID in song introduction, then song. 1902:45 nice long canned ID again. 1929:10 Asian Pop ballad abruptly stopped for full EG ID by M, jingle, and off. (Dave Valko, Dunlo, PA)
15476	Nov21	1937	Antarctica, LRA 36, tentative at 1937, mostly threshold carrier being blasted by 15480 but thought I heard occasional Spanish. RAE also in at same time at very strong level. (David Sharp NSW)
15557	Nov29	*1230-	<b>V.O. Tibet</b> (via Tajikistan) *1230 opening w/usual routine after 15548 finished. 15548 was QRMed by CNR1 jammer on 15550. This freq had a little QRM from 15555 VOA until the signal went off shortly after 15557 started, then it was clear and very nice. One of the strongest if not the strongest I've ever heard V.O. Tibet here. http://youtu.be/37_JTUDyPR8 (Dave Valko, Dunlo, PA)
17575	Dec6	*1700-	AWR (Talata-Volonondry) *1700-1710. AWR ID/theme music, hymns sounding a lot like the pop music on Rwanda, :05 into religious yak in Swahili w/ no breaks for music, alas. AWR's Somali programme here *1630-1657* via Nauen is usually much better & has multi-lang. ID @ opening. (Dan Sheedy, Moonlight Beach, CA PL606 'barefoot')
17605	Dec6	-1700*	R. Inyabutatu (Issoudun) *1600-30, 1650-1700**. Quick opening tune, info w/ mention of Inyabutatu, right into correspondents' rpts, signal sinking by BOH, but back to fair by 1650 retune w/ continued news rpts & off after quick studio announcement. (Dan Sheedy, Moonlight Beach, CA PL606 'barefoot')
17850	Nov26	*1559-	Oromo Voice Radio/Raadiyoo Sagalee Oromoo (Issoudun) *1559-1605+ 26 Nov. OC with xmtr whine, calliope-like inst'l opening, nice "Raadiyoo Sagalee Oromoo" ID + (p) sked/stn info followed by phone rptsgood signal & sked 1600-1630 M/W/Sa to Ethiopia. (Dan Sheedy, Moonlight Beach, CA Tecsun PL606 "barefoot"/G5 + 6m X wire)

(wb log  $\sim 0700 = 0652$  to 0722 UT time range)

#### **Contributors to the log:**

Wolfgang Büschel /wb, df5sx, wwdxc BC-DX TopNews,	AP-DNK, Anker Petersen, Skovlunde, Danmark
DXLD, DXPlorer	TN, Thomas Nilsson, Ängelholm, Sweden
Wilkner, Robert Wilkner, Pompano Beach, South Florida	Glenn Hauser, Enid, OK, USA (also from DXLD)
Ron Howard, Asilomar State Beach, CA, USA	Bruce Churchill via DXPlorer
Dan Sheedy, Encinitas/Moonlight Beach, CA	Terry L. Krueger, Clearwater FL, via DXLD
MR - Wilkner, Vero Beach - South Florida	Christoph Ratzer, Salzburg, Austria
XM - Wilkner, Cedar Key - Florida	Carlos Gonçalves, Lissabon, Portugal
David Sharp, NSW, Australia	Dave Valko, Dunlo, PA
SA, Stig Adolfsson, Vallentuna, Sweden	Giampiero Bernardini, Milan, Italy

## Station news

**CHINA** 7269.987 Across Alaska and Pacific ocean west coast noted odd frequency signal from Mongolian sce at PBS Nei Menggu of Hohhot #839{acc Aoki list} tx station. At 0837 UT on Nov 26. Firedrake music from China mainland heard again today, on 7415 kHz at 16-19 UT on Nov 26 against US RFA Tinian Mandarin program co-channel. (wb, wwdxc BC-DX TopNews Nov 26)

#### CHINA: Voice of Jinling now heard daily on 6200, great signal!

Been monitoring this one for about a month now, and Voice of Jinling has been putting a strong signal into ECNA daily, featuring its infamous "double-sign-on" fake-out. Nominally \*1245 but noted as early as \*1230 and as late as \*1250. PBS Xizang is on the fqy before Jinling, with a weaker, but fair, signal.

Jinling takes the air abruptly, cutting right into an ongoing transmission, but only stays on the air for no more than a half minute. By //ing with the Jinling webstream (<u>http://www.vojs.cn/</u>), was able to determine they are picking audio from FM 99.7 "Jiangsu Automobile Radio" drivetime show in CC.

After this half-minute "false start", without fail their signal leaves the air for a short period, revealing PBS Xizang again, but for no more than a half minute.

And then, finally, Jinling comes back on the air again and is then there to stay. Clearly, this s/on style is their audio engineer's process, whereby he turns on the xmtr, makes sure it is okay, turns it off and then turns it back on for good. Initial program heard is hosted by a YL giving either small news items or drivetime chat, with short musical bridges.

Typically a big, beefy signal, one of the best in the band at this time, and holds up well past TOH to around 1330 fade lately here in the center of the continent.

This is being heard widely throughout N America, from the East Coast (by my radio pals Dave Valko and John Herkimer) through to the West Coast (by the likes of Asian DX Ace Ronnie Howard).

Reminder: This is easy to QSL via the good offices of China QSL manager Jonathan Short: 2883752 (at) 163 dot com This station is **not** a central govt "People's Broadcasting Station" (PBS) operation, but rather a more local outfit -- owner of "Voice of Jinling" is **"Jiangsu Broadcasting Corporation"**.

(Ralph Perry, Wheaton, IL -- R8B plus LA/Asia BOG; Wellbrook loop; and 49 meter Skyloop)

#### CHINA: Re: - Beibu Bay Radio with segments in English

Nov 24 - Yes indeed, it seems to be a daily feature. Today 1319-1324 with what actually sounds like a **language lesson**. In English, with summary of winners of this years "Hollywood Film Award" show (Nov 14), followed in Chinese talking about some of the English vocabulary used. So their format is to have a reading in English about some current event and then they discuss its meaning in Chinese.

BBR still has a lot of segments now with ads in Chinese, during their scheduled Vietnamese portion. (Ron Howard)

On Mon, Nov 24, 2014 at 5:46 AM, Mauno Ritola wrote: Unfortunately I missed it today by a few minutes. Now at 1335 I hear Vietnamese and also before that they should be in Vietnamese, so I suppose the schedule has changed. Sei-ichi, can you find an updated language schedule somewhere on their web page. (73, Mauno Ritola)

#### NORWAY: LKB LLE Norway test on 5985 usb

Heard at 0000 - 0025 UT, on Dec 2nd. Transmission starts with CW morse code on 5895.560 kHz, and followed also with some MULTI TONE procedure of 12.5 Hertz peaks distance visible on browser, 15 x 12.5 Hz peaks on lower side, 7 x 12.5 Hz peaks on upper side. Between 5895.050 and 5895.380 kHz range. (wb df5sx)

## Other radio news

#### Eisregen in Österreich

Über den Eisregen in Österreich wurde in zahlreichen Medien berichtet, leider war auch meine Empfangsstation davon betroffen.

Sowohl die 78m lange Windom, die 250 mt Beverage Antenne und die Delta Loop Antenne wurden durch das Eis zerstört. Die Stahllitze der Windom war beispielsweise über die gesamte Länge mit einer 8 cm starken Eisschicht überzogen, selbst ein Aircell 7 ist abgerissen (die Stecker mit Schrumpfschlauch haben perfekt gehalten...). Mein Bauer meinte er habe so etwas in den vergangenen 50 Jahren nicht erlebt.

Bilder auf unserer A-DX Facebookseite und in meinem Blog http://remotedx.wordpress.com

eindrucksvolle Bilder! Da kann wohl kein Material mit umgehen ;-(

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Ja, da kann man nichts machen. Aber außer etwas Material und Arbeit ist ja nichts passiert, man darf nicht unzufrieden sein. Kabel Kusch freut sich sicher!

Das mit den Sollbruchstellen ist so eine Sache. An meinem Standort - der ja absichtlich extrem frei gelegen ist - treten oft starke Stürme auf, da geht dann das wieder nach hinten los... Grundsätzlich ist ja alles solide aufgebaut, aber wenn man sieht wie der für die Beverage verwendete (doppelte!) BW-Draht an mindestens 8 Stellen einfach wie ein dünner Bindfaden abgerissen ist, dann braucht man auch nicht mehr darüber nachdenken ob man etwas falsch gemacht hat.

Jetzt höre ich eben nur mit der Mini-Whip und in zwei-drei Wochen wird wieder alles aufgebaut sein, hoffe ich. Außer dann kommt der Schnee....

<http://www.oe24.at/oesterreich/chronik/LIVE-Ticker-Eis-Alarm-im-Osten-Oesterreichs/167446769

(73, Christoph Ratzer via A-DX)



(Christoph, thanks for sharing those terrible pictures with us. Fortunately we have never seen anything like it down here in Southern Sweden! Hope you manage to repair the antenna plant before the real MW season starts. /TN)

Hier auch noch ein par beeindruckende Bilder wie Eis aussehen kann, in dem Fall aber wohl von starken Winden und Gischt verursacht: <u>http://www.mko.ch/diverses/bise/</u> (Grüsse, Peter Geerlings via A-DX)

Popular Electronics magazines archive Southgate, Keith KB9STR, November 29, 2014

americanradiohistory.com has shared an archive of all the Popular Electronics magazines from 1954 to 1982.

Along with many other magazines, there are Millions of pages and Hundreds of books and magazines on Radio, Transmitting, Receiving, TV, Computers, and more. <u>http://www.americanradiohistory.com/Popular-Electronics-Guide.htm</u>

(Mike Terry via DXLD)

#### **Bücher von Helmut Matt**

Kurzwellenhörer Helmut Matt ist ja vielen von euch bekannt, hier eine Information von ihm:

Soeben sind diese schönen Lesezeichen frisch aus China eingetroffen - 32 Stück insgesamt. Die filigranen Handarbeiten können als Lesezeichen verwendet werden. Ausgepackt sehen sie auch in einem Rahmen als Wandschmuck sehr hübsch aus. Was soll damit passieren?

Wer vor Weihnachten bei mir ein handsigniertes Buch bzw. handsignierte Bücher bestellt (egal welche(s)), erhält kostenlos eines dieses edlen Kunstwerke: Jeder Buchsendung lege ich einen Scherenschnitt bei (solange ich welche habe).

Die Bücher:

- Schmetterlingsliebe Die Legende von Liang Shanbo und Zhu Yingtai
- Bulgarische Impressionen
- Im Zauber der weißen Schlange Magische Einblicke in ein geheimnisvolles Land

Die Lesezeichen kann man in unserer Facebookgruppe http://a-dx.at/facebook/ sehen.

Weitere Infos direkt bei Helmut: http://www.helmutmatt.de/buecher.htm

(73 Christoph Ratzer via A-DX)

#### Sender & Frequenzen 2015 bei Amazon vorbestellbar.

Wie alle Jahre darf ich hier auf die neue Ausgabe von Sender & Frequenzen aufmerksam machen.

Die Ausgabe 2015 ist nun bei Amazon vorbestellbar, wer den Link via <u>http://ratzer.at</u> zur Bestellung bei Amazon nutzt, bezahlt natürlich den regulären Preis für das Buch und Amazon unterstützt durch einen "Werbekostenbeitrag" so ganz simpelden Betrieb der A-DX Liste.

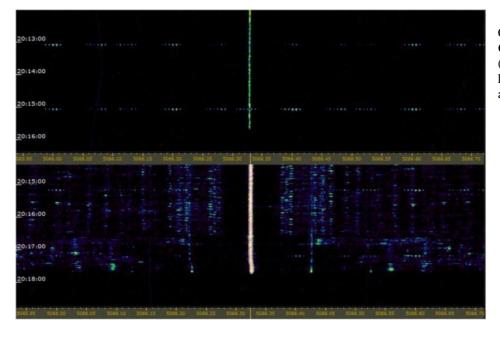
Wie bekannt betreibe ich die Liste vollständig aus meiner Hand und freue mich natürlich über Unterstützung - die ganz einfach durch Bestellungen bei Amazon die über den Link auf meiner Seite <u>http://ratzer.at/a-dx/a-dx-amazon</u> gestartet werden - ganz ohne Aufwand möglich sind. Amazon schreibt mir dafür einen kleinen Betrag gut, der ausschließlich dem Listenbetrieb zu gute kommt.

Bei dieser Gelegenheit auch ein herzliches Danke den Unterstützern der Liste die sich über <u>http://ratzer.at/a-dx/a-dx-beitrag</u> am Listenbetrieb beteiligen. Danke!

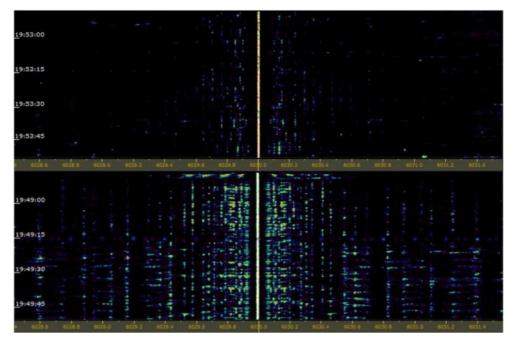
(73 Christoph Ratzer via A-DX)

#### Candip and Oromiya Comparisons. (Dave Valko)

We all know propagation is quite variable. Sometimes dramatically so. Today I went for a short micro-DXpedition and was reminded how changeable it can be. While I was at the remote site, coincidentally there was an R2 radio blackout with solar flares at 1825 and 1941 UTC. Europe wasn't affect too much, but Africa was. It afforded me an opportunity to make interesting comparison screenshots of R. Candip and R. Oromiya from the good conditions on 11 November to the blackout today. Below are the results. Quite a difference!! Especially Candip!! The Perseus was set up identically for each screenshot. The only difference from 11 November to 4 December was the 5 degrees in the BOG directions (75 degrees on the 11th and 80 today). Even the times were very close. Notice the sign offs of R. Candip.



Comparison of **5066,23 R. Candip:** top is 2014-12-04 (during R2 radio blackouts and a half hour aftrer 2 solar flares), and bottom is 2014-11-11 Comparison of **6030 R. Oromiya**: top is 2014-12-04 (during R2 radio blackouts and a half hour aftrer 2 solar flares), and bottom is 2014-11-11



Dave, thanks a lot for those pictures. /TN

#### Några gamla QSL från Cuba

**John Ekwall**: 1510 Boston har varit mitt sällskap medan jag fixar till lite illos nu på morgonen. Signalen börjar nu 0927 tappa lite grann i styrka.

Här kommer ett knippe gamla kortvågskubaner varav en del (5), hördes i Sverige under mitten av 30-talet enl LA-QSLlistan. <u>Observera post-stämpeln på COCO</u>. (*"The only genuine Havana cigars are those made in Cuba"*).

(Stort tack för att vi får ta del av dessa gamla fina QSL! /TN)









