

SHORTWAVE BULLETIN

Issue no. 1880, July 16 2017.

Deadline e-mail next issue: 0800 UTC, July 30, 2017.

Well guys, time again for another SWB.

Summer has come halfway and the first combine has entered the fields harvesting winter corn.

But we are still waiting for the good summer temperatures. It is still cold in the water at the bathing resorts. Only a mere 17° C and that is nothing for me.

Also, thanks a lot for the nice pictures we have got for this issue.

There has been a lot of comments regarding the silence of CKZN on 6160 kHz.

It seems this station is near the end and most likely will cease its operation on SW. More or less the same pattern as for the Australian stations on SW.

It should be interesting to know how many listeners CKZN had on an average day and where the limit is set for continued operation.

It seems that almost all stations prefer using Internet for the programming.

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.

Ullmar Quick via NORDX.

Hej! När jag tittar i mina anteckningar häpnar jag:

Den 5 juli 2016 hade jag skickat 64 rapporter och fått 39 QSL

Den 5 juli 2017 hade jag skickat 64 rapporter och fått 41 QSL

Att mitt liv är så till den grad regelbundet hade jag ingen aning om. Men faktiskt har inte mina levnadsvillkor ändrats mycket.

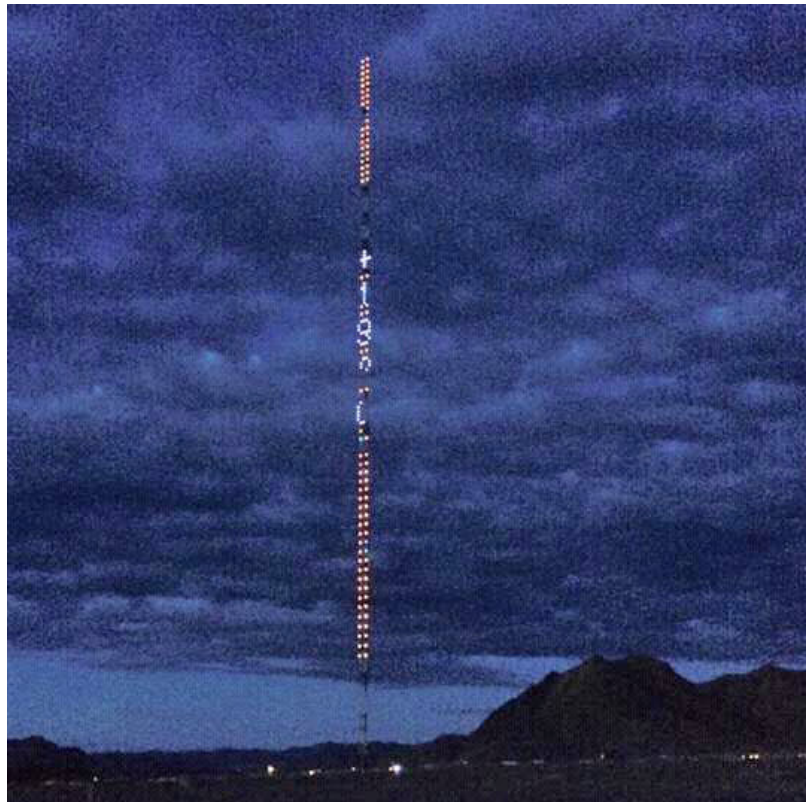
Jag är också i år ungdomsledare, förra året var det 21 ungdomar, i år 19, genom Röda Korset.

Men jag kan inte hindra att jag i fjol var 82 år, i år är jag 83.

Lars Skoglund: Här kommer ett QSL-Bidrag. **GTRK Murmansk**, Monchegorsk 5930 brev på engelska och folder. V/s Anna Shoomigay, Head of Commercial Department.

BBC Singapore, Kranji 9900 Special-QSL från Ardic DX Club, India.

Christoph Ratzer. No much news here, today I found a picture of the 209 kHz antenna in Bayan Ulgii, Mongolia.

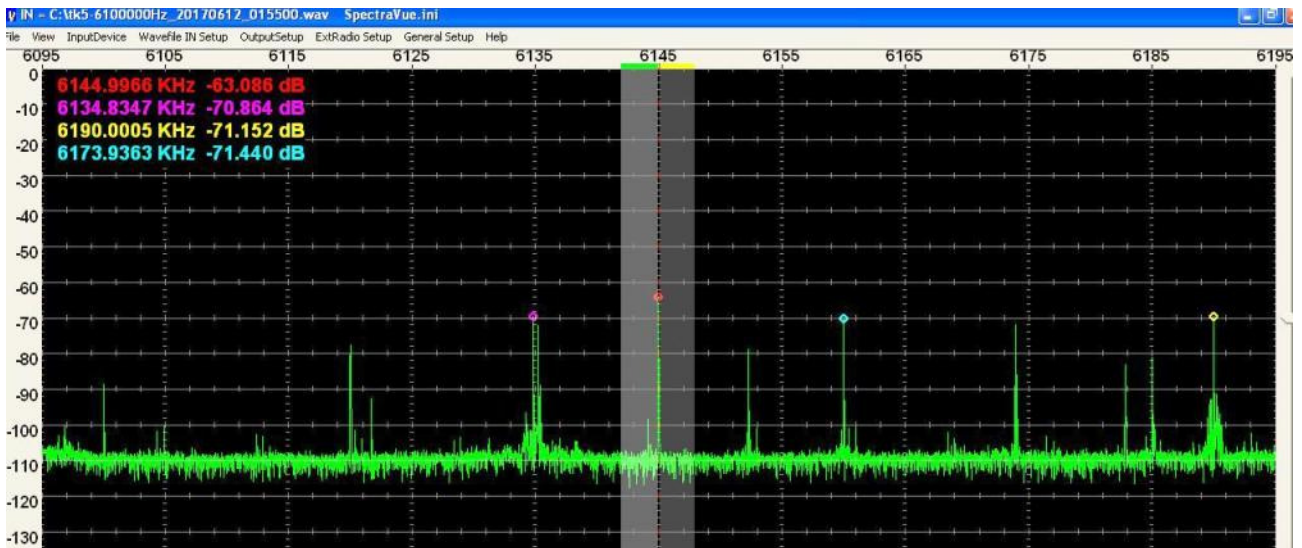


Christoph Ratzer: And three more pictures from RRI Palangakarya. Repair work on the 3325 kHz Transmitter today.



Tarmo Kontro. Just a few sw-logs herewith. After almost an 1,5 years of inactivity I have now finally got a new antenna at home (ALA1530) which seems to be rather good at my home-qth – although the background noise of the urban qth is of course present. There is also a big 110 kV powerline at about 400 m distance & a regional electric transformer near the antenna. I have made also some tests at my Lovisa (“Kings Village”) QTH and found the bad noise still present (worst on MW) – the noise is however almost gone during very heavy rain – so I think it originates from the powerlines anyway. There I’ve got a small “squeezed” KAZ towards East probably rather omnidirectional on SW.

One of the most interesting observation now after about two years can be seen at this screenshot: most of the stations audible or carriers on a spectrum of 49 mb (6095-6195 kHz, recorded on my SDR-IQ) are from rather “small” transmitters like Santa Cruz BOL 6134.8 , CBC 6160 (-) and R Tawantinsuyo Peru! The screenshot is taken in June before CBC 6160 went off the air.



Something else than just mosquitos on skin...

Best 73,Tarmo

2598u	Jul15	0047	VCP-4 Placentia, Newfoundland, 50 knots, good signal (Wilkner)
2749u	Jul15	0050	VCO Sydney, Nova Scotia robot like voice, 0051 second voice good signal (Wilkner)
3215.01	Jul6	0150	WWCR, Nashville, TN English religious shouting, Jesus said: "You must be born again" - heavy Noise QRM // 4840 (AP-DNK)
3260	Jul14	1017	NBC Madang, with just open carrier; by 1110 some faint audio; unusable. Thanks to Hiroyuki Komatsubara (Japan), who today reported an extended broadcast here at 1250. (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
3275	Jul14		[non-log] NBC Southern Highlands, continues silent. (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
3310	Jul15	0045	Radio Mosoj Chaski, Cochabamba 0045 om in Quechua, 0057 same om, 0113 yl in Q. 0028 same yl, very brief music bridge 0130, continue with yl, gone recheck at 0041. Also heard at 1012. (Wilkner)
3320	Jul11	2215	R Sonder Grense, Meyerton Afrikaans ann, pop songs (AP-DNK)
3325	Jul13	1117	RRI returns to 3325 kHz. Heard NBC Bougainville reception, on 3325, with moderate QRM from RRI, which had been silent for a while. By 1150, mixing together at equal strength, producing a mess here. Today NBC with DJ in Pidgin; playing pop songs; no election coverage noted and not running the NBC National Radio audio feed; RRI signal improving the whole time. Suppose I should be glad to hear the return of RRI, but in truth, I had very much been enjoying NBC with clear reception! NBC at 1200 continued on with extended broadcast; no NBC news, just continuing DJ in Pidgin and pop songs, while RRI went into the usual Jakarta news feed, which ended at 1225 with patriotic song and then local ID. Tuned out at 1235. (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
3325	Jun25	2000	RRI PalangkaRaya still active, but noted only before the Ramadan ended. After that nothing in the evening. (TK-FIN)
3325	Jul14	0957	NBC Bougainville, 0957-1016 & 1101-1110. Local programs in Pidgin; no "NBC National Radio" audio feed today; local segments of election results (vote count) and pop songs; by 1110 started to hear QRM from RRI, making reception of NBC unpleasant, so will not be reporting this as much as when NBC was QRM-free. Thanks to Hiroyuki Komatsubara (Japan), who today reported an extended broadcast here at 1250, mixing with RRI (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
3330	Jul15	0103	CHU strong signal (Wilkner)
3365	Jul14		[non-log] NBC Milne Bay. continues silent. (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
3375.1	Jul15	1014	Radio Municipal São Gabriel da Cachoeira 1014 om chat, weak and fading out by 1023 (Wilkner)
3900	Jun30	2105	R. Freedom/Summer Meeting R_HOL, inglês, música pop', texto. (Carlos Gonçalves)
3905	Jun29	2111	R. Skyline_HOL, música pop'. ID via imprensa DX. (Carlos Gonçalves)
3905	Jul1	2046	R. Alice (t)_HOL, música pop'. ID via imprensa DX. (Carlos Gonçalves)
3915	Jul11	2225	BBC, Kranji English interview about sports (AP-DNK)
3995	Jul6	0155	HCJB, Weenermoor English religious talk, contact us at "Hostline.com" from Ireland, pop song (AP-DNK)
4010.145	Jul7	2354	Radio 1 Birinchi, Bishkek, wandered up to 4010.152 kHz, channel noted as empty carrier warm-up procedure and 5 minutes duration, also short 10 seconds of exact 1000 Hertz test tone could be heard few times, between 2354 July 7, and R Birinchi-KGZ program start at 00.00:08 on July 8. Nothing noted on KGZ // 4819v ... 4820v kHz channel. (73 wb)
4055	Jul11	0517	Radio Verdad, Chiquimula, religious songs and comments, English. (Méndez)
4055	Jul15	1020	Radio Verdad 1020: om baratone vocal; recheck 1045. Also 0050. (Wilkner)
4760	Jul 12	1715	AIR (presumed). Audible on several frequencies, also on 4810, 4910, 4920, 4950, 4970, 5010, 5040. Carrier also on 4834.997. Heard at Lovisa/Kungsböle. (TK-FIN)
4765	Jul1	1950	Tajik R 1, Yangiyul Tajik talk (AP-DNK)
4765	Jul15	0147	Radio Progresso music, local strong signal, // 810 Guantánamo, under ZNS Bahamas (Wilkner)
4774.9	Jul15	0050	Radio Tarma, Tarma om español being killed by CODAR, 0123 back with om chat, better signal (Wilkner)
4775	Jul2	2045	R. Congonhas, Congonhas MG, texto. (Carlos Gonçalves)
4800	Jul11	2230	Voice of China, Golmud Chinese ann, advs, "The East is Red", ID: "Zhongguo Renmin Guangbo Diantai", news (AP-DNK)

4805	Jul3	2134	R.Dif. ^a do Amazonas, Manaus AM, QRM adj., da CHN, em 4800. (Carlos Gonçalves)
4805	Jul15	1017	Radio Difusora do Amazonas, Manaus 1017 to 1025 weak, second signal, ute, on top at 1020 briefly (Wilkner)
4810	Jul2	1909	AIR Bhopal, Madhya Pradexe, líng. ind. e inglês, relato de jogo de críquete. (Carlos Gonçalves)
4810	Jul15	1017	Radio Logos, Chazuta, Tarapoto 1017 to 1030 OA musical selections, fair to good signal (Wilkner)
4824.45	Jul15	0050	UNID strong carrier weak audio looking for Perú La Voz de la Selva, Iquitos (Wilkner)
4845	Jul3	2136	R. Cultura do Amazonas, Manaus AM, noticiário regional. (Carlos Gonçalves)
4875.2	Jul1	2122	R. Roraima, Boa Vista RR, canções. Melhor sinal em 03Jul, pelas 2140. (Carlos Gonçalves)
4875.27	Jul11	2235	R Dif. Roraima, Boa Vista, RR Portuguese ann, Brazilian songs (AP-DNK)
4875.3	Jul15	0050	Rdif Roraima, Boa Vista RR, om PT under US AROS on top, decent signal underneath, fair to good signal with om PT and music (Wilkner)
4885	Jul3		Echo of Hope VOH. Regarding my recent reporting of the "Radio Free Korea" ID here: thanks to Amano-san for explaining what I actually heard. The program's name that is looped every hour is called "Radio Broadcasting Guide." As such it provides a lot of info about Korean stations, with segments with many different singing jingle IDs, as well as clips of different stations spoken IDs, which is what I heard with "Radio Free Korea." Recently at 1123 & 1223, am hearing "V O A World News" IDs in English, whereas most of the program is in Korean. Thanks again to Amano-san for his helpful assistance (Ron Howard, Calif., USA)
4885	Jun30	2117	R.Club do Pará, Belém PA, noticiário futebolístico. (Carlos Gonçalves)
4885	Jul10	0510	Radio Clube do Pará, Belém, Brazilian songs and comments, program "Clube na Madrugada". 11-07 out of air at this time, 12-07 on air and 13-07 out again. (Méndez)
4885	Jul15	0050	Radio Clube do Pará, Belém, PA om PT, lite CODAR interference ,steady signal; recheck music 0147 good signal (Wilkner)
4885.03	Jul11	2240	R Clube do Pará, Belém, PA Portuguese conversation (AP-DNK)
4910	Jul2	1907	AIR Jaipur, Rajastão, cf/ 4810, modulação algo fraca. (Carlos Gonçalves)
4920	Jul3	0050	AIR Chennai Hindi ann, Indian songs (Xizang on 4820, 4905 and 4920 were still off for maintenance) (AP-DNK)
4930	Jul8	0345	VOA, Moepeng Hill English talk (AP-DNK)
4949.75	Jul11	2245	R Nacional de Angola, Mulenvos Portuguese talk (AP-DNK)
4949.75	Jul10	1922	Radio Nacional de Angola, Mulenvos, news and comments, id. "Radio Nacional de Angola", "Radio Nacional", sport comments. (Méndez)
4949.995	Jul8	0003	UNID offset station carrier signal visible at 00.03:08. That is not Radio Nacional Angola offset fq. But rather warm-up of AIR Srinagar on test procedure very early. Acc Aoki Nagoya database around 0025 UT is daily program start time of AIR Srinagar. (73 wb)
4955	Jul3	0045	R Cultural Amauta, Huanta Spanish talk (AP-DNK)
4955	Jul15	0055	Radio Cultural Amauta Huanta still there, weak om chat 0154.. off 0200 (Wilkner)
4965	Jul3	2139	R. Alvorada, Parintins AM, canções. (Carlos Gonçalves)
4965	Jul3	2143	Voz da Esperança, Rancho Makeni, inglês, canções. (Carlos Gonçalves)
4965	Jul11	2004	Voice of Hope, Lusaka, English, religious songs. // 6065. (Méndez)
4985	Jul1	2120	R. Brasil Central, Goiânia GO, prgr musical Brasil Sertanejo (?). (Carlos Gonçalves)
5005.0	Jul6	0510	Bata is on air this July 6, noted in 0510 to 0530 slot, on remote SDR posts in Western England Liverpool, NJ, MI, FL-US remotes too, and at Edmonton Alberta Canada. Not any program content could be traced so far. But signal was very tiny weak, S=2-3 - under threshold these days. Hopefully signal will increase soon in mid-August then. (73 wb)
5005	Jul11	*0505-	Radio Nacional, Bata, songs, very weak, baraley audible. (Méndez)
5010	Jul3	0035	AIR Thiruvananthapuram EE news, 0040 Tamil (p) news. -fading out: at 0105 (AP-DNK)
5010	Jul2	1905	AIR Thiruvananthapuram, Muttathura, cf. // 4810. (Carlos Gonçalves)
5025	Jul6	0210	R Rebelde, Bauta Spanish talk mentioning Cuba CWQRM (AP-DNK)
5035	Jul3	2146	R.Educação Rural (p), Coari AM, canções, modulação fraca. Não se tratou da R.Aparecida. (Carlos Gonçalves)
5040	Jul2	2042	AIR Jeypore, Odixa, cf. // 4810. (Carlos Gonçalves)
5085	Jul8	0350	WTWW, Lebanon, TN English religious talk, hymn (AP-DNK)
5085	Jul16	0102	WTWW is on as Ted is summarizing what's on this #2 transmitter: On 9930, Dave Ramsey at 1 pm ``Eastern`` [NO, not 17 UT but 18 UT, but off the air most of the time lately, and weekdays only]. Starting at 8 pm [Central?], country or classic hits, requests [Sometimes, not every night]. Bob Heil organ show Saturdays at 1 and 8 pm [always starting late and ending even later]. QSO ham show at 8 pm CT Tuesdays; Ham Nation, Wednesdays at 8 pm on 5085; On the second Tuesday, QSO Live with guest Don Wilbanx (sp?). 0104 coffee commercial, finally at 0104:40, `Theater Organ IN the Ozarx` starts, per canned opening, so it's TOITO for short.

All at S9+50 fades to only S9+30, and constant horrible HUM. Does Bob Heil ever listen to the broadcast and notice it? He surely has a good ear for audio frequencies. I listen to this mostly on the PL-880 despite the hum, while bandscanning elsewhere. TOITO does not start closing theme until 0139, finished at 0140, then two minutes of dead air (except for the HUM!) --- wake up, Ted. 0142 ham promos and ads before ARNL (Glenn Hauser, OK)

5129.84	Jul6	0215	WBCQ, Monticello, Maine English religious conversation with laughing (AP-DNK)
5910	Jul15	0103	Alcaraván Radio, Puerto Lleras om chat; vocalist 0205 (Wilkner)
5910.3	Jul11	0510	Alcaraván Radio, Puerto Lleras, Latin American songs. (Méndez)
5920	Jul5	1115	Voice of Freedom. Why do they stay on this jammed frequency, when their ex 5940 is clear of any jamming? VOF signal often does fairly well against the jamming, e.g. July 7, at 1120 almost fair reception even with jamming. Ex 6135 is still jammed with white noise (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
5920	Jul11	2250	HCJB, Weenermoor. English interview about Donald Trump Junior // 3995 (AP-DNK)
5910.35	Jul8	0355	Alcaraván R, Puerto Lleras Spanish talk, conversation (AP-DNK)
5939.8	Jul1	2104	R.Voz Missionária, Camboriú SC, prgr. Musical Voz Missionária. (Carlos Gonçalves)
5952.43	Jul15	0057	Pio XII, Siglo Veinte just a carrier at 0057 in LSB; recheck at 0115 yl chat with fair signal (Wilkner)
5980	Jul3	2152	R. Chaski, Cuzco, castelhano, música clásica, texto. (Carlos Gonçalves)
5980	Jul 10	-2337v	R Chaski, Urubamba better audio this evening than usually, rather low modulation compared to f.ex. Pio XII and Santa Cruz. After monitoring this several evenings it seems the c/d really goes forward about 7-8 seconds a day. Seems to be pretty stable on 5980.008. Myanmar is very strong also after about 23 z on 5985 producing some splash here. (TK-FIN)
5985	Jul3	1220	Myanmar Radio. Last June 26 (Monday) from 1220 to 1229, heard an English language lesson. Checked on Monday, July 3, from 1215 to 1245, but no English heard. The 26th was an anomaly? (Ron Howard, oceanside at Pacific Grove, CA, USA)
5985	Jul11	*2300-	Myanma R, Yegu. Bamar ann by female, religious prayer by male, choir, Bell, indigenous music and song (AP-DNK)
5995	Jul3	2147	R.Mali, Kati, líng. local, texto, mas modulação a nível baixíssimo. (Carlos Gonçalves)
5995	Jul9	1935	Radio Mali, Bamako, African songs, French, comments. (Méndez)
6010	Jul1	2106	R.Inconfidência, Belo Horizonte MG, texto. (Carlos Gonçalves)
6010.04	Jul15	0030	Tent Colombia La Voz de tu Conciencia, Puerto Lleras 0030 yl vocalist , still on 0210, poor signal (Wilkner)
6010.1	Jul11	0453	La Voz de tu Conciencia, Puerto Lleras, religious commets. Very weak. (Méndez)
6010.1	Jul8	0405	La Voz de tu Conciencia, Puerto Lleras Spanish talk (AP-DNK)
6015	Jul11	2315	Xinjiang PBS, Urumqi Kazakh conversation by man and woman with music in the background (AP-DNK)
6030	Jul9	1942	Radio Oromiya, Addis Ababa, East African songs, Vernacular, comments. (Méndez)
6035	Jul1	1400	BBS. Regarding my July 1 reception till just after 1400: July 2 & 3 found no BBS, after starting to check at 1230. So my reception would seem to have been a one day only anomaly? (Ron Howard, oceanside at Pacific Grove, CA, USA)
6035	Jul14	-1203*	PBS Yunnan (Voice of Shangri-la). In Chinese; some EZL songs; 1201 the usual filler instrumental music till cut off; weak, but clear frequency. No BBS/Bhutan heard today. (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
6040.7	Jul1	2108	R.Evangelizar, Curitiba PR, conversa, canções. Antiga R. B2. (Carlos Gonçalves)
6050	Jul6	0220	HCJB, Pichincha Spanish religious talk, piano music and a hymn (AP-DNK)
6050	Jul11	2012	ELWA Radio, Monrovia, English, religious comments, male and female, religious songs. Weak. (Méndez)
6060	Jul14	1214	Sichuan PBS-2. A quick check today confirms again what I have recently been hearing - Cuba is now here (1100-1400), mostly blocking the former clear reception of PBS-2; now making a mess. (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
6065	Jul11	2000	Voice of Hope, Lusaka, English, id. "From Zambia, this is The Voice of Hope Africa... on 6065 and 4965 kHz, this is The Voice of Hope", religious songs. // 4965. 35433. (Méndez)
6070	Jul15	0200	CFRX Toronto om in the mud, poor signal (Wilkner)
6080	Jul2	2101	R. Marumby, Curitiba PR, Programa Musica Evangélico, QRM da CHN. (Carlos Gonçalves)
6080.03	Jul3	0115	R Marumby, Curitiba, PR Portuguese talk (AP-DNK)
6090	Jul10	1910	Voice of Amhara State, Addis Ababa, Vernacular comments. (Méndez)
6115	Jul10	-1901*	Radio Congo, Brazzaville, French, news, "Le journal du Radio Congo", male and female, comments, "Chers auditeurs", "Radio Congo", "Le Congo". (Méndez)
6134.8	Jul16	0053	R. Santa Cruz is fair with no het from Brasil, during news from different departments, Potosí, Oruro, Beni (Glenn Hauser, OK)
6134.8	Jul3	2150	R. Santa Cruz, St. ^a Cruz de la Sierra, castelhano, texto, QRM da CHN. (Carlos Gonçalves)

6134.84	Jul3	0120	R Santa Cruz, Santa Cruz de la Sierra Spanish ann, Latin American pop song Heterodyne from R Aparecida, Brazil on 6135.19 (AP-DNK)
6134.85	Jul15	0050	Radio Santa Cruz ments de Bolivia no ID on hour , good signal (Wilkner)
6135.2	Jul10	0516	Radio Aparecida, Aparecida, religious comments. (Méndez)
6160	Jul15	0103	UNID strong carrier, weak audio. (Wilkner)
6165	Jul11	*2328-	Thazin R, Pyin U Lwin Whistling tone, 2330 Chin talk - poor modulation (AP-DNK)
6173.8	Jul 5	-0203v	Radio Tawantinsuyo Cuzco. Better today than usually, c/d around 0203v daily. Today ID at 0156. A carrier and some audio on 6185 might be Mexico or what? (TK-FIN)
6173.92	Jul15	0100	Unid in LSB, a bit of audio while looking for Perú, Radio Tawantinsuyo. (Wilkner)
6185	Jul11	-0505*	Radio Educación, Ciudad de México, classic music, female, comments, “Mujeres compositoras”, “Radio Educación”. . (Méndez)
6185.02	Jul6	0140	R Educación, Ciudad México Spanish ann, classical music (AP-DNK)
6190	Jul11	2335	Xinjiang PBS, Urumqi Mongolian talk - QRM CNR2 // 7230 (AP-DNK)
6205	Jul2	2054	Laser Hot Hits_G, inglês, texto, música pop'. (Carlos Gonçalves)
6210	Jul2	2053	Coast FM (emissa das Ilhas Canárias) via est. não identif._IRL?, música pop'. ID via imprensa DX. (Carlos Gonçalves)
6244.9	Jun29	2107	R.Mazda_HOL, canções holandesas, QRM adj., de sinal de ponto a ponto. ID via imprensa DX. (Carlos Gonçalves)
6267	Jun30	2103	R.Mustang_HOL, música. (Carlos Gonçalves)
6284.3	Jul2	2052	R.Bogusman_G, música pop'. ID via imprensa DX. (Carlos Gonçalves)
6295	Jul2	2109	Reflections Europe_IRL, inglês, prgrs. de propag. relig. QRM adj. de sinal de ponto a ponto. (Carlos Gonçalves)
6305	Jul1	2048	Summer Meeting R_HOL, inglês, música pop', ID via imprensa DX. (Carlos Gonçalves)
7118U	Jul14	0950	VC01 (Chinese Military numbers station). Numbers in Chinese; still in the ham band where they shouldn't be (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
7150.02	Jul 12	1720	Eritrea irregularly here, sometimes on 7175 or 7180. (TK-FIN)
7205	Jul8	0410	R Omdurman, Al-Aitahab Arabic talk by two persons (AP-DNK)
7205	Jul11	1937	Sudan Radio, Al Aitahab, Arabic, comments. (Méndez)
7324.95	Jul14		Wantok Radio Light[non-log]. On July 14, did one of my periodic checks here at 0948 (before the *1000 sign on of CRI) and found 7325 a clear frequency with no stations present. Aoki now shows "7325" in red, with an "x" ("off the air") (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
7345	Jul14	1025	Radio Sakha, via Yakutsk. Above average reception; music program (folk, ballads, pop, etc.); 1050 usual ID ("Radio Sakha") and gave phone number; 1100 IS (Jew's harp - kholmus) and 4+1 time pips; then at almost 1101 covered by strong CRI sign on here. This is one of my favorite stations for listening to their nice music. My audio http://goo.gl/XqY8gP . Former // 7295 is no longer on the air (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
7425	Jul4	0945	R.NZi, Rangitaiki, inglês, noticiário das 1000, ..., entrevistas. (Carlos Gonçalves)
9420	Jul12	2142	ERT // 9935 in Greek with male rock vocals – Fair to Good (Coady-ON)
9515			R. Marumby, Curitiba PR, 2115-2127, 01Jul, propag. relig. (Carlos Gonçalves)
9525.95	Jul7	1033	VOI through subsequent checking till 1207, found only open carrier; no modulation/audio at all (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
9555	Jul6	*1600-	RFA, Kuwait. Uighur talk with strong talk jamming from China (AP-DNK)
9630	Jul1	1015	R. Aparecida, Aparecida SP, texto. (Carlos Gonçalves)
9635.8	Jul4	0948	R.Voz do Vietnam, Son Tay, vietnamita, texto, canções. (Carlos Gonçalves)
9650	Jul2	1248	R.Guinée, Sonfonia, inglês, texto, ..., francês, canções, anúncio do prgr. Rétroviser (retrovisor), p/ as 1400. (Carlos Gonçalves)
9650	Jul12	0615	Radio Guinea, Conakry, African songs, id. “Içi Radio Guinée, emettant du Conakry on français et d’autres langues natives. (Méndez)
9650	Jul13	2212	RTV Guinée in French with a man with news with correspondent reports and sound bytes mentioning “Conakry” and Guinée“ and into Afropops at 2225 – Fair (Coady-ON)
9665.8	Jul1	2110	R.Voz Missionária, Camboriú SC, prgr. Musical Voz Missionária. (Carlos Gonçalves)
9674.9	Jun27	2044	R. Canção Nova, Cachoeira Paulista SP, prgr. de propag. relig. Tarde Especial, QRM adjacente. (Carlos Gonçalves)
9665.870	Jul3	0604	R. Voz Missionária, is currently way off-frequency here, a little better signal than Evangelizar, some music audible (Glenn Hauser, OK)
9725.4	Jun27	2102	R. Evangelizar, Curitiba PR, prgr. de propag. relig. Crescendo na Fé, QRM adjacente. Antiga R. B2. (Carlos Gonçalves)
9725.454	Jul3	0602	VP signal here from R. Evangelizer, moved up after a long time circa 9724.9. (Glenn Hauser, OK)
9760	Jul13	2158	RRI at 2158 with IS then opening music at 2200 with a man with ID and web platforms and into “Radio Newsreel” with a woman with program highlights then a man with news at 2201 – Fair (Coady-ON)

9819	Jul1	1017	R. 9 de Julho, São Paulo SP, noticiário. (Carlos Gonçalves)
9835	Jul4	1035	Sarawak FM via RTM, Kajangue, texto, canções, oração corânica, antes das 1100, noticiário. (Carlos Gonçalves)
9865	Jul4	-1200*	AIR, Bangalore, líng. indiana, canções indianas, indicação de frequências. (Carlos Gonçalves)
9915	Jul12	2026	BBC with a "Newshour" feature "The New Silk Road" about Chinese investments in an oil field and railroad in Kazakhstan – Good (Coady-ON)
11735	Jun28	1911	R. Transmundial, St.ª M.ª RS, propag. relig. QRM da TZA. (Carlos Gonçalves)
11735	Jul10	1955	Radio Transmundial, Santa María, religious comments id. "Esta e a Transmundial, comunicando coa força da palavra", "Transmundial, para todo o mundo". (Méndez)
11735	Jul11	1757	Zanzibar Broadcasting Corporation, Dole, Swahili, comments, at 1801 English, "It's nine o'clock" news, female, "This news comes to you from Zanzibar Broadcasting Corporation", "The main points again", "This is Zanzibar Broadcasting Corporation", at 1812 Swahili again. (Méndez)
11764.5	Jul2	2112	SRDA, Curitiba PR, canções no decorrer de prgr. de propag. relig.. (Carlos Gonçalves)
11775	Jul12	1345	PMS is back on with OK modulation. However, Harold Frodge says it cut off at 1422:10* today in mid-preach. I recheck at 1916, it's still off. Meanwhile, as I read later in the DXLD yg, Chuck, W3ON was hearing Caribbean Beacon on 11865 instead of 11775 at 1856-1910, OK modulation. This was previously reported by Dave Valko a few weeks ago as a spur of 11775. Then I check at 2043 to find nothing on 11865, but 11775 is back on with dead air. At 2101 it's off again (Glenn Hauser, OK)
11810	Jul13	2130	BBC at 2130 with a program promo then "BBC News with Marion Walsh" and into "The Food Chain" at 2133 - Fair Jul 13 (Coady-ON)
11815	Jun29	2104	R.Brasil Central, Goiânia GO, prgr. musical Brasil Sertanejo, QRM adjacente. (Carlos Gonçalves)
11815	Jul7	2055	Rádio Brasil Central with a programme of sertaneja music. 2 (CB)
11850	Jul11	2030	RRI at 2027 with IS to opening waltz music at 2030 and a man with ID and web platforms and into "Radio Newsreel" with a man with news – Very Good Coady-ON
11855	Jul13	1415	Radio Aparecida, Aparecida, id. "Agora 11 y 16, Aparecida", "Ondas amigas evangelizando...". (Méndez)
11856.1	Jul1	1402	R. Aparecida, Aparecida SP, noticiário. (Carlos Gonçalves)
11860	Jul6	1745	Republic of Yemen Radio via Saudi Arabia noted with an ID in Arabic in a programme of Yemeni music. 3-4 (CB)
11880	Jul12	2100	AWR with a woman with ID of "This is Adventist World Radio, the Voice of Hope. The following program is in English" and an African-accented woman with another ID and into a hymn and the woman with religious talk from 2103 – Fair to Good (Coady-ON)
11895.1	Jun28	2048	R. Boa Vontade, Pt.º Alegre RS, propag. relig. (Carlos Gonçalves)
11900	Jul12	2138	VOA at 2138 in Bambara with a man conducting a telephone interview of another man – Very Good (Coady-ON)
11935	Jun28	1914	R.Evangelizar, Curitiba PR, canções, QRM adjacente. Antiga R. B2. (Carlos Gonçalves)
12030	Jul6	1725	Radio Taiwan International, Tamsui with a test transmission in German. Good reception until they switched to DRM at 1740. The second test at 1800 on 9680 kHz suffered heavily from interference from CRI on 9685 kHz and Saudi Radio in Turkish on 9675 kHz. (CB)
12035	Jul4	-1059*	Voz da Mongólia, Khonkhor, prgrs. em mongol, mandarim/às 1000, em japonês/às 1030, em perda. (Carlos Gonçalves)
12095	Jul11	2059	BBC at 2059 // 11810 (Fair to Good) with program promos then time pips at 2100 and a program promo on a Bollywood actress then a woman with "BBC News" at 2201 – Very Good (Coady-ON)
13840			RNZI at 2236 with a woman hosting "Dateline Pacific" with correspondent reports - Poor to Fair (Coady-ON)

Wolf's log 0400-0450 UT July 15

- 5085.0 USA WTWW Lebanon TN, S=9+10dB signal in southern Germany, at 0405 UT on July 15, ROCK! pop mx program, 12 kHz wideband signal.
- 7119.998 SOM Radio Hargeysa, Somali morning sce at 0415 UT, S=7 signal in southern Germany.
- 7150.020 ERI Asmara radio lower poor S=6 level underneath jamming, the other 7174.989 kHz is at S=8-9 stronger at 0423 UT. and the accompanied Ethiopian security forces Broadband White Noise jamming signals on 7142 - 7157 kHz S=9 and 7169 - 7180 kHz S=9 too, at 0426 UT on July 15.
- 7205.0 SDN Omdurman S=8-9 strength level in southern Germany at 0430 UT, Arabic talk, and music pieces in between.
- 7305.0 ASC BBC London French sce to Africa, signal strength of S=9+5dB, WeAF speedy pop music kind, 0433 UT.
- 7350.0 F__ Radyoya Denge Kurdistan morning sce to all-Kurdistan in Central Asia/Near East, from TDF Issoudun bcst center in central France, S=9+30dB at 0436 UT, Kurdistan forces power singer against Turkey Osman

- empire struggle. 10.5 kHz wideband audio block visible on screen.
- 7445.0 BBC London English AF sce from SenTec Meyerton AFS-RSA site S=9+20dB powerful signal across all-Africa into southern Germany at 0440 UT, Cricket sports report, about detailed Australian team history and captians, like Alister Cook...
- 9420.005 GRC Voice of Greece, Hellenic Radiophonia Avlis, for the FIRST TIME since months, - using the 3rd AULTY Continental 250 kW transmitter this July 15 !! HEAVY BUZZ AUDIO annoying, 0445 UT on July 15, music program from the 30ties of the past century played. Either sideband, 20 or more terrible buzzy audio peak strings visible, 11 kHz wideband signal block.
- (wb df5sx, wwdxc BC-DX TopNews July 15)

Contributors to the log:

wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX	Manuel Méndez, Lugo, Spain
Glenn Hauser, Enid, OK, USA (also from WOR&DXLD)	AP-DNK, Anker Petersen, Skovlunde, Denmark
Ron Howard, oceanside at Pacific Grove, CA, USA	CB, Christer Brunström, Halmstad, Sweden
TK-FIN, Tarmo Kontro, Kotka, Finland	Coady-ON, Mark Coady, Selwyn, Ontario, Kenwood
Carlos Gonçalves, Lissabon, Portugal	Dan Sheedy, Moonlight Beach, CA
	Robert Wilkner, Pompano Beach, Florida, USA

Station news

AUSTRALIA 5055 about to activate.

Some news from the north, in case you were wondering where it's all up to.....

Hi Craig, Just a note to advise that we hope to have 4KZ 5055 kHz on the air by late next week from Innisfail with 1 kW and inverted V antenna. The holdup has been due to constant rain preventing us putting the support pole in.

We have had a special QSL card printed and we do not require return postage.

Al Kirton, gm, NQ Radio

(via Craig Seager, July 4, ARDXC mailing list via DXLD)

CANADA. [dxld] Re: CKZN: Still Off the Air and Still Wanting Comments

Reply from Larry Wartman: *"Thanks for your comments on the CKZN shortwave service. CBC is currently undertaking an evaluation of the sustainability of this shortwave service and your comments will certainly be considered in the results."*

He copied Victoria King (victoria.king @ cbc.ca) on the message. This is what she says about herself on her LinkedIn page: "As operations manager for the CBC in Newfoundland and Labrador, I look after the technical operations and all CBC properties in the province. Problem solving, budget planning , project management, industrial relations are key skills for this position."

(Richard Langley via DXLD)

PAPUA NEW GUINEA Thanks to Timm Breyel (Malaysia) for posting to WRTH Facebook page an official announcement from NBC (June 29), titled "NBC increases coverage for the 2017 general election." NBC has reactivated three **medium wave** transmitters. They are at Vanimo (Sandaun Province), Lae (Morobe Province) and Kimbe (West New Britain Province), all done with the help of aid from the Australian government. "He [NBC Managing Director, Mr. Kora Nou] said people should have a clear radio service on the 'AM' band" and also "He said NBC is continuing to examine all its transmitters nationwide to see if it can also increase FM radio and TV coverage elsewhere in the country." Sad to say the announcement never once mentioned SW radio (Ron Howard, Calif., USA, July 3)

USA. WWV 25 MHz Signal Swapped to Circular Polarization, Reception Reports Invited

ARRL, July 11, 2017

The resurrected 25-MHz signal of time and frequency standard station WWV is now emanating from a circularly polarized turnstile antenna. WWV had used a vertically polarized antenna on 25 MHz in the 1970s. Silent since 1977, the 25-MHz signal returned to the air on an "experimental basis" in April 2014, and it's been transmitting ever since — initially on a broadband discone until August 2015, when it switched back to a vertical, which it used until the July 7 switch to circular polarization.

"[W]e are broadcasting with 2 kW from a circularly polarized turnstile antenna," WWV lead electrical engineer Matt Deutch, N0RGT, told ARRL this week. "It is just your standard plain-vanilla turnstile — two horizontal orthogonal dipoles with a quarter-wave phase-shifting coax linking them."

Deutch has explained that when the 25-MHz transmitter was shut down in 1977, the antenna's radiating element was "tossed in the bone yard, and a new longer section put on the tower to make it a 15 MHz stand-by antenna," Deutch

recounted. When WWV first reintroduced the 25-MHz broadcast some 37 years later in response to requests, it used a broadband monopole. But, it was later decided to use that antenna for WWV's 2.5-MHz stand-by transmitter and to rebuild the 25-MHz antenna. The old radiating section was retrieved and the antenna rebuilt, so that it looked like what was being used in 1977.

Deutch said it's hoped that the latest antenna change to circular polarization might be helpful to anyone studying propagation during next month's total solar eclipse, which will be visible across the US. "My effort right now is focused on getting the word out, just to make people are aware that [the 25-MHz signal] is available, if it can be useful to them."

Before the change, Deutch said WWV had received reports on the 25 MHz signal from across the Atlantic. The 25 MHz broadcast includes the same information transmitted on all other WWV frequencies and at the same level of accuracy.

Located in Fort Collins, Colorado, WWV is operated by the National Institute of Standards and Technology (NIST). WWV has invited listeners' comments and reports on its 25-MHz signal.

<http://www.arrl.org/news/wwv-25-mhz-signal-swapped-to-circular-polarization>

(Mike Terry via DXLD)

Other radio news

International Lighthouse Lightship Weekend - ILLW - 20 August 2017

3rd Full Weekend in August since 1998

00.01UTC 19 August to 2400UTC 20 August 2017 (48 hours)

For some reason or other August seems to have become the international weekend for lighthouses. Countries all over the world have become involved in one for or another of lighthouse activity. Some years ago the United States Congress declared August 7th as their National Lighthouse Day and during that first week in August amateur radio operators in America set up portable stations at lighthouses and endeavour to make contact with each other. This event is known as the US National Lighthouse Week.

In Britain the Association of Lighthouse Keepers, [ALK](#), conducts International Lighthouse Heritage Weekend on the 3rd full weekend in August. Their objective is to encourage Lighthouse managers, keepers and owners to open their lighthouse or lightstation and related visitors centres to the public with a view to raising the profile of lighthouses, lightvessels and other navigational aids, and preserving our maritime heritage.

LV12, PA6FUN 2016

However, the major event which takes place in August is the International Lighthouse Lightship Weekend, [ILLW](#), which came into being in 1998 as the Scottish Northern Lights Award run by the Ayr Amateur Radio Group. The history of this event can be found elsewhere on this site. The ILLW takes place on the 3rd full weekend in August each year and attracts over 500 lighthouse entries located in over 40 countries. It is one of the most popular international amateur radio events in existence probably because there are very few rules and it is not the usual contest type event. It is also free and there are no prizes for contacting large numbers of other stations. There is little doubt that the month of August has become "Lighthouse Month" due largely to the popularity and growth of the ILLW.

<https://illw.net/>

(Mike Terry via DXLD)

Newly released report on Radio Atlantico del Sur

Psywar.org July 1

"Last week the Ministry of Defence released a further batch of documents to the British National Archives relating to the Falkland Islands Conflict (Operation Corporate). One document in this batch covers the role of psychological operations. Although much has already been written on this subject, the document provides new details regarding the planning of psychological operations and the difficulties experienced. Lessons learned are outlined in the paper reproduced below."

A lot of the paper is about Radio Atlantico del Sur. Station manager was Neil Ffrench Blake

<https://www.psywar.org/content/falklandsLessons>

As I've posted before Neil published a fascinating e-book based on his work in psychological warfare, after Atlantico del Sur he went on to run for several years Voice of Khmer for opposition groups to the Vietnamese installed government of Cambodia covertly financed by the CIA.

https://www.amazon.co.uk/Pol-Pot-Conspiracy-Neil-ffrench-Blake-ebook/dp/B012BR3PJW/ref=sr_1_1?s=digital-text&ie=UTF8&qid=1499087234&sr=1-1

(Mike Barraclough via DXLD)

Video tour of the E-4B NAOC Doomsday Plane



This is a pretty interesting video of the inside of the flying Pentagon or Doomsday Plane. There is a lot of radio equipment on board including a radio antenna that can fly out of the back of the plane.

Look at the video here: <http://swling.com/blog/2017/07/video-tour-of-the-e-4b-naoc-doomsday-plane/>
(from swling.com)

THE MARCONI LEGACY

Southgate June 24, 2017, <http://www.southgatearc.org/news/2017/june/the-marconi-legacy.htm>

Known as the 'father' of radio is Guglielmo Marconi. He died in July, 80 years ago.

In the late 19th century Marconi was among a few keen people experimenting with waves that had been shown by German physicist Heinrich Rudolf Hertz.

In honour of Hertz providing conclusive proof of the existence of electromagnetic waves, in 1960 'Hertz' replaced the older 'cycles per second' in the International System of Units.

Marconi read reports of Hertz in popular scientific journals, and had a vision that any two points on earth could communicate – an idea readily dismissed at the time.

He remained convinced, having sent signals in late 1894 at his parent's home. At 21-years of age in 1896, Marconi left for England with a system that could send Morse code signals across a room, which he called 'wireless telegraphy'.

In the WIA journal Amateur Radio magazine for July tells of the early days of Marconi through to his death on July 20, 1937.

It includes reference to vision of the Italian funeral procession for this scientific hero, and known influences in Australia of both Hertz and Marconi. Jim Linton VK3PC.

(Mike Terry, dxldy via DXLD)

BBC Monitoring at Caversham



Caz Graham visits BBC Monitoring - the Berkshire mansion that eavesdrops on the world.

The episode is now indefinitely available for download by non-UK persons at the show's podcast downloads page.

See: <http://www.bbc.co.uk/programmes/b006qgft/episodes/downloads> for more information. I've downloaded it to add to my queue but I haven't gotten to listening to it yet. Drafting the sermon for Sunday needs to be finished first.

(Stephen Michael Kellat, KC8BFI, Ashtabula, Ohio via DXLD)

Its a fascinating programme. So many important world historical events were identified and monitored at Caversham mainly using good old shortwave radio.

(Mike Terry via DXLD)

"The Storied History of the Ham Radio Call Sign"

A great article here: <https://www.eham.net/articles/38849>

(Mike Terry via DXLD)

Eddy Startz on The Happy Station



Recently published article in Dutch, which google translates to English well, on Eddie Startz along with audio from 1937 and 1938 and 1955 video.

<https://beeldengeluid.atavist.com/happystation>

(Mike Barraclough via DXLD)

Photo tour of Dan Robinson's receiver collection

A tour of my radio collection. As most readers of *SWLing Post* probably know by now, I have had a lifelong love affair with radios (as many of us have had). My collection of receivers has changed through the years, with some exceptions being radios that have stayed with me for decades and which Tom was able to photograph during his visit to my home in Potomac, MD.

Take a look at this fantastic receiver collection here:

<http://swling.com/blog/2017/07/photo-tour-of-dan-robinsons-receiver-collection/>

(Dan Robinson via swling.com)

'OBSERVE' AUGUST 21 ECLIPSE WITH YOUR AM RADIO

Southgate July 4, 2017

Writing in *Sky and Telescope*, meteorologist Joe Rao describes the effect of a solar eclipse on radio propagation

Solar eclipses are more than remarkable visual astronomical phenomena; they're pretty interesting from a radio viewpoint too. Should overcast skies prevail over your location on eclipse day, you can still make some interesting observations using an AM radio.

Dramatic changes can take place in radio reception when day changes into night and vice versa. Perhaps you've had the experience of driving in your car at night, listening to some program on the AM dial, when the announcer will identify the station as WBBM in Chicago.

This might seem odd if you are listening from Albany, New York, more than 700 miles (1,100 km) from the Windy City. Yet, cases like this happen every night.

A total solar eclipse produces a broad, round area of darkness and greatly reduced sunlight that travels across Earth's surface in a relatively narrow path during the daytime. Its effect on sunlight's local intensity is remarkably similar to what happens at sunrise and sunset. Distant radio stations along and near to the path of totality might briefly experience enhanced propagation, thus making long-distance reception possible during a solar eclipse unlike any other time.

Listening to distant radio signals is a most interesting hobby and is referred to by amateur radio enthusiasts as "DX'ing." As already pointed out, radio signals in the commercial 540–1700 kHz AM radio band can be heard for hundreds — sometimes even thousands — of miles under the cover of darkness. This is especially true of the so-called "clear channel" (Class A) radio stations. "Clear channels" are frequencies set apart by international agreement for use primarily by high-powered stations designed to cover wide areas with line-of sight "groundwave" service and, at night, "skywave" service, particularly for remote rural areas.

Read the full story at <http://www.skyandtelescope.com/2017-total-solar-eclipse/how-to-hear-the-solar-eclipse/>

Joe Rao Weather, <https://twitter.com/JoeRaoWeather>, <https://www.facebook.com/JoeRaoWeather/>

(Mike Terry, July 4, dxldyg via DX LISTENING DIGEST)

HOW TO REALLY ANALYZE RADIO RECEPTION DURING A SOLAR ECLIPSE

From the Topband list: *...there are many reports about solar eclipses effects on propagation dating from 1912 on. One of the best is "Radio and the 1999 UK Total Solar Eclipse" by Dr. Ruth Bamford. It can be downloaded from <https://arxiv.org/abs/1703.01491>*

It includes a number of plots of amplitude vs time at 1440 kHz [Luxembourg, presumably] Bill Liles, NQ6Z

The actual paper is at: <https://arxiv.org/ftp/arxiv/papers/1703/1703.01491.pdf> If that link doesn't work, go to the download page, and "PDF" link is at the top right. Looks like I have a little reading ahead of me. best wishes, (Nick Hall-Patch, Victoria, BC, Canada, IRCA via DXLD)

DX MAPS (NEW VERSION)

Part of an email from Gabriel at DX Maps...

=====
If your smartphone is iPhone, the new version works fine if you configure it properly as explained in the FAQ page at <https://www.dxmaps.com/spots/faq.html>

You can configure the behavior of mouse wheel in the options as explained in the user manual at <https://www.dxmaps.com/spots/manual.html>

Please read those pages when you have the time and you will find a lot of useful information in order to get the most of the new version, that by the way 88% of users are already using (empirical data from the server usage statistics).

I personally use the new version all the time and I don't see it is less stable at all than the old version.

Old version is still available at the same URL that always <https://www.dxmaps.com/spots/mapo.php> and will continue being available for some time, but as it takes about 40% of the resources of the server, and so affecting negatively to the performance of the new version, it will be disabled sometime in the future. I am maintaining it just to give the chance to that remaining 12% of users to get used and learn how to use the new version.

(73, Gabriel – EA6VQ via Mike Bugaj, WTFDA gg via DXLD)

Steps to lower noise floor and revitalize AM radio

Southgate

July 12, 2017

RadioWorld report that background noise interference is degrading the quality of broadcast reception, two-way communications, mobile cellphone services and every other form of wireless communications used today at an alarming rate.

The FCC and the ITU agree that the DC to 60 GHz+ wide-spectrum background noise floor is increasing as more and more unregulated electronic devices are used by more consumers in more ways every day.

While it is true that large numbers of these devices have been in use for some time, the question becomes: What can we do to lower the noise floor now that the floodgates of unregulated devices have been open for so long? Is this an impossible task? I believe the answer is an emphatic "no."

On June 15, 2016, the FCC Office of Engineering and Technology Technical Advisory Council opened a noise floor technical inquiry in the form of ET Docket No. 16-191 to seek answers to the following basic questions:

1. Is there a noise problem?
2. Where does the problem exist? Spectrally? Spatially? Temporally?
3. Is there quantitative evidence of the overall increase in the total integrated noise floor across various segments of the radio frequency spectrum?
4. How should a noise study be performed?

The most prominent responses were from the American Radio Relay League, the Society of Broadcast Engineers, the NAB, the National Public Safety Telecommunications Council, the National Electrical Manufacturers Association, the State of California Governor's Office of Emergency Services Public Safety Communications, Verizon and AT&T. Unfortunately, most were anecdotal, not accompanied with measured quantitative data. This is largely because the responders did not have the instrumentation resources nor the budget to provide the quantitative evidence being sought.

Despite the scarcity of quantitative data submissions, one clear outcome of this TAC technical inquiry is an unmistakable consensus among the responders: A noise floor study is not only needed but overdue.

Read the full RadioWorld article:

<http://www.radioworld.com/columns-and-views/0004/steps-to-lower-noise-floor-and-revitalize-am-radio/339995>

[Steps to lower noise floor and revitalize AM radio | Southgate Amateur Radio News](#)

(Mike Terry via DXLD)

WGEO HEARD WITHOUT RADIOS

I even had a couple of experiences where I heard shortwave without a radio! Another aunt and uncle of mine lived in Schenectady, New York near Albany. They had a nice ranch house located on Duanesburg Road, that was quite near to a vast meadow with big antenna towers on it. A vast patchy forest went on for acres and acres behind their house with lots of fine gravel and rock dust.

There was no shortage of quartz and granite and the silt at your feet would often sparkle. My cousins would sometimes tease me about the ghosts in the woods. As a little kid, I would, of course, believe them. "Sometimes you can even hear the ghosts talk, if you listen carefully enough." Believe it or not, they were correct!

A nearby broadcast facility was the source of the phantom sounds. It was The Voice of America's powerful shortwave station originally designed and used by General Electric. GE had built the plant in 1923 and continued to broadcast with it through World War II.

When the war ended, GE rented the facility to The VOA. I understand the broadcasts were sometimes as powerful as 100 kilowatts. Wow. The mysterious voices could be heard on misty and damp foggy days. When the combination of moisture and conductivity of the rocks became just so - you really could hear The Voice of America! It was an eerie muffled kind of sound but you could hear voices change and sentences end. It was enough to scare a little child very, very well. I know! It was beyond creepy! The power of a hundred thousand watts of RF!

I will always remember that Grundig Majestic 2120 radio with great fondness and warm memories. It was very much like the first time you ever sat down and played a fine piano or cruised on a beautifully constructed sailboat. Almost 60 years later, I still find myself with big smiles when I recall its big sound and performance. I would guess it cost a dear penny but it was worth it. What a radio! [from a much longer article]

(Karl Zuk N2KZ, Katonah, NY USA. Early Radio Adventures by Karl Zuk, July BDXC-UK Communication via DXLD)

RE: POLLUTION OF THE RF SPECTRUM

I've just been transferring my DX audio recordings from reel to reel onto the computer, most of them were recorded in the 70s and 80s. Back then the only real noise that I encountered was the buzz from the TV's line output transformer and car ignition noise plus of course power line noise. At the time I thought my location was noisy but compared with today it was deathly quiet.

These days, there is something wiping out the entire spectrum that is there 24/7. Sadly it's not coming from me. Here is a sample <https://www.youtube.com/watch?v=nqsSrKTZbYg> and ideas will be appreciated (Paul, NZ, mwdx yg via DXLD)

Paul - have you checked the ARRL's page of noise source sound files? <http://www.arrl.org/sounds-of-rfi>

The one that seems closest is a grow light or possibly a light dimmer but it would seem that either of these should be off at some point. Grow light QRN has exploded in the past few years and will probably become even more of a problem as the laws change regarding this. (Steve 73 WEB - "The VE7SL Radio Notebook": <http://qsl.net/ve7sl/> VE7SL BLOG - "Homebrewing and Operating Adventures From 2200m to Nanowaves": <http://ve7sl.blogspot.ca/> ibid.)

(DX LISTENING DIGEST 17-28)

AIRPORT-FRIENDLY 3.5 INCH FSL -- "HEATHKIT-LIKE" CONSTRUCTION ARTICLE

For those looking for a new hobby challenge, the "Heathkit-like" full construction article for the 3.5" (89mm) Baby FSL antenna (23 pages long) has been completed, and is posted at <http://www.mediafire.com/file/pnfm8909c77zjoy/3.5inch-FF-FSL.doc>

This design is actually a more compact version of the 2012-year 5" FSL antenna (which also had a full construction article), which was tested and found to be competitive with a 4 foot (1.22m) air core box loop. By replacing the 660/46 Litz wire with the newer, more sensitive 1162/46 type and augmenting the ferrite sleeve with slightly longer rods, this compact "airport-friendly" design matches the high gain performance of the larger 2012 model. Protected by a matched-size plastic tote packed in hand-carry luggage, it was designed to be compact and rugged, and fully up to the challenge of frequent air travel. Already these "airport-friendly" FSL antennas have successfully passed through TSA screening 7 times here on the west coast, and have provided high-gain DXing excitement for both Craig Barnes and me during our April Hawaii DXpeditions. The article includes FSL operating tips (useful for any FSL antenna) and recommendations for travel DXing. Good luck to all who accept the challenge! (Gary DeBock (in Puyallup, WA, USA), July 8, IRCA via DXLD)

Holy smokes, Gary, you went above and beyond the 'call of duty' on this one. My only minor, maybe even irrelevant suggestion, would be to PDF it for distribution. This way there is no risk of formatting issues, caused by different word processing software used for reading. Regards, (Vince, Ottawa, ON, Ferme, ibid.)

I have one of the revisions as PDF in my downloads area on DXER.ca and will have the final version there soon as well (Colin Newell - CoffeeCrew.com - VA7WWV - Victoria - BC, ibid.)

Thanks, Colin and Vince, Your comments and assistance are very much appreciated, especially Colin's formatting and posting on DXer.CA.

Vince, one of the reasons why this 23-page article was drafted was in order to provide a chance for dedicated Heathkit enthusiasts (like me) to feel like they are back in action. I has almost as much fun writing the article up as the builders will enjoy when putting the "kit" together (Gary DeBock, ibid.)

(DX LISTENING DIGEST 17-28)

Old QSL cards from Radio Clube de Mozambique



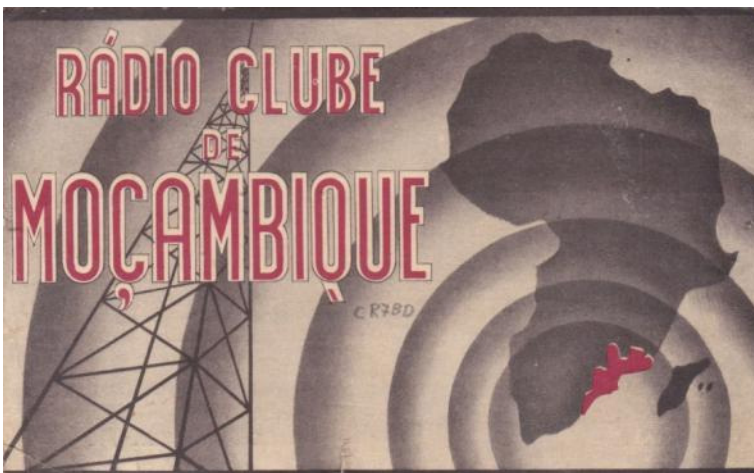
Maybe time for a few old QSL cards again - those are from Mozambique. The QSL card from 1950 was used for many years after.

Fritz-Thore Norbergh received this QSL for a report from Dec 1948 on 9640 kHz.

Mr. Fritz Thore Norbergh Angermanland SWEDEN	EMISSORES: TRANSMITTERS: 1 de 10 K.W. of 1 " 600 Watts 2 " <i>78 Kw</i>	RADIO CLUB DE MOÇAMBIQUE, Caixa Postal N.º 594, Lourenço Marques.
	INDICATIVOS E FREQUENCIAS USADAS CALL SIGNS AND FREQUENCIES, IN USE	OBSERVAÇÕES: REMARKS:
	CR7AA 6.13 Meg/s. CR7AB 3.49 CR7BD 4.92 CR7BE 9.58 CR7B 9.64 CR7B 4.85 CR7BK 740 kc/s. CR7BI	We have pleasure to verify your report on reception on 9.64 meg/s. on 6/12/48.

[Signature]

Bertrand (firm) Ltd. - Lisboa



Fritz-Thore Norbergh received this QSL for a report from Feb 1950 on 15190 kHz.

This QSL was used for many coming years

RADIO CLUBE DE MOÇAMBIQUE "The Station for Happy Listening" Caixa Postal, 594 Lourenço Marques	
We have pleasure to confirm your report on 14th February 1950 on frequency 15.19 M/cs. Call Sign _____ Transmitter power 7.5 Kws.	Fritz-Thore Norbergh, Esq. Lerbackeget - Ostansjö
Remarks. Other frequencies in use 3,5 mcs 4,9 mcs, 9,7 mcs, 11,8 mcs 7 mcs, 4,81 mcs.	Nyliden. Sweden.
	26 MAJ 1950

John Ekwall - thanks a lot for scanning those old QSL's. /TN