

SHORTWAVE BULLETIN

Issue no. 1881, July 30 2017.

Deadline e-mail next issue: 0800 UTC, Aug 13, 2017.

A few days ago a reactivated station was found on 6250 kHz. It turned out to be R Malabo in Equatorial Guinea.

It is believed that the transmitter has been repaired by a Chinese team. Maybe that team also check old transmitters in some other African countries.

From Robert Wilkner we got some pictures from his verification in 1967 which can be seen at the end of this issue. Very nice.

Contrary to this positive report you can check the information provided by Lennart Weirell about the future for SW DX-ing.

But there are still many logs indicating that some of us are very active on the bands.

Within a few months autumn is here. The crops will be harvested down here in middle of August and so far it seems quite good.

Unfortunately we haven't seen any decent summer temperatures, only 17-19° in the water. Way too low...

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 Qvick: Tack för alla bulletiner som kommer!

Tydligt har jag inte bidragit med något på ett halvår, men nu kommer en liten rapport från Norrköping.

Lyssnar och rapporterar regelbundet på kortvågen, men det var länge sedan jag upplevde något upphetsande.

Det är knappast att vänta här i stan med medioker antenn och alla störningar.

De bästa av det drygt 40-tal QSL som kommit i år är väl Madagascars World Voice-17640 med tre kort på en vecka för två rapporter, Voice of Korea-7570 efter tre månader med kort och tidning, Radio Payam-e Doost-7480 via Gregoriopol med e-kort och d:o brev från sändarorten i Transdnjestrien och VOA S. Tomé-4960 med e-brev efter en månad.

I have a few logs/news:

RFA new frequencies for **Korean** 2100-2300z from Tinian MRA on **11960** kHz with good signal from the start and no jamming. In **Tibetan** a new frequency **15745** kHz from Dushanbe TJK 1100-1400z heard from sign-on, fair signals but no jamming, two other frequencies jammed by China.

Vi har fint väder, det blir en och annan promenad i skogen för min del.

Det var det hela! God fortsättning på sommaren!

Christer Brunström: Fredagen den 28 juli reste vi till Ängelholm där vi först åt lunch och sedan tittade på konst. Därefter gick resan vidare till Vejbystrand och f.d. Kronprinsessan Victorias Sanatorium där det finns ett litet intressant museum. Bl.a. finns den lilla (Sveriges minsta) radiostation som sände program till sanatoriets patienter under namnet Radio Victoria. All utrustning finns att bese på museet.

Vid hemkomsten hittades ett snyggt **QSL-kort** från **Voice of Vietnam 9730** kHz.

Lars Skoglund: **CNR 16, Dongfang, Hainan Island** 9700 svarade med kort, vykort och dekal. Tidigare uppgift om att CRI/CNR numera endast svarar med e-mail verkar inte stämma.

Lennart Weirell: I can report about a link to On the Shortwaves.com where Jerry Berg under Special Resources has been presenting "Active - Inactive SWBC Countries" based on NASWA Country List since 2015. I found it interesting, but since 2015 there had been very small changes, so I wanted to look a little longer back in time to find out what has happened. I took the EDXC Country List of 2014, applied the findings of the working group for Active - Inactive SWBC Countries and compared today with year 2000.

And now I could see the drastic drop of active countries on shortwave. I informed Jerry about my figures and he found it very interesting and asked about permission to publish it on his site.

You can now find my result on: <http://www.ontheshortwaves.com/resources.html>.

Look under "Active - Inactive SWBC Countries" and the last paragraph, there is a link. If you add that many stations now are reluctant to verify listeners reports, the future of DX-ing on the shortwaves is less than bright.

Robert Wilkner: Mosquito Coast DX News ~ DXSF ~ July 29 2017. Improved conditions for the last week, some rain, alas temperatures in the high 90F.

Dan Olsson. Hej! Sänder en hälsning ifrån ett blött och grått Kävlinge. Nu när jag har semester så har det blivit lite lyssnande under kvällarna så nu har jag lite att redovisa.

QSL: **6283 WREC** e-brev och kort, **6290 R Astoria** e-brev, **6300 MR President** e-brev och kort samt **6301 Marsh-music** e-brev och kort.

Log

(UTC)

1941	Jul13	2035	OID svensk pirat med känd svensk musik. (DO)
3215	Jul27	0225	WWCR, Nashville, TN English religious talk, ID, conversation, not // 4840 (AP-DNK)
3260	Jul26	1254	Noted NBC Madang - PNG, at 1254 and subsequent checking through to 1325, with no modulation/audio at all, but decent level open carrier (Ron Howard, oceanside at Pacific Grove, CA, USA)
3275	Jul17	1220	NBC Southern Highlands, with another day of just hearing an open carrier; still heard at last check of 1220. (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
3277	Jul16	-1240*	V28 ("The Parrot"). (AM). With Korean numbers; poor, but signal improving (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
3310	Jul29	1100	Radio Mosoj Chaski, Cochabamba, in Quechua, band was open late (Wilkner)
3320	Jul27	0235	R Sonder Grense, Meyerton Afrikaans interview (AP-DNK)
3325	Jul20	2220	RRI, Palangka Raya Bahasa talk - best in LSB - strong CWQRM in USB (AP-DNK)
3325	Jul23	1200	Must be NBC, best signal here in a long time, S9 fading to S6 with rock song; 1201 YL & OM converse for a while, not like news, unseems Indonesian, but not English either, so Pidgin. 1206 song, 1210 YL announcement maybe English; 1216 rock with heavy beat, 1224 a familiar tune at last. Initially it's the SSOB; ignoring Korean outliers on 2850 & 3480, virtually the OSOB except for JBA carrier on 3260, Madang. 3325 rates SINPO 25432. It's diminishing by 1224, and at 1230, S7 to S5; 1252 recheck, only a JBA carrier is left on 3325. Never any sign of RRI Palangkaraya co-channel, altho Atsunori Ishida says it has been active every day thru July 22 until 1700v*. RRI is much further from here and always likely to be weaker if at all. Both nominally 10 kW per WRTH. RRI should switch to a nearby clear frequency like 3355 (Glenn Hauser, OK)
3325	Jul26	1058	NBC Bougainville, 1058, July 26. A moment of nostalgia here, with playing of the song "Waltzing Matilda," by a heavily accented Australian singer. 1109 - Dire Straits with "Walk Of Life." No extended broadcast today , but instead was off the air before 1152. At which time I heard Pro 1 RRI Palangkaraya in the clear with almost fair reception; well above the norm for them, with time pips at 1200 and Jakarta news audio feed at 1201. (Ron Howard, oceanside at Pacific Grove, CA, USA)
3365			[non-log]. NBC Milne Bay. July 17, continues silent. (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
3375.1	Jul21	1000	Radio Municipal São Gabriel da Cachoeira with fading, seems to be back on regular schedule ? (Wilkner)
3915	Jul17	1910	Speedwing R med soulmusik som High Fashion och George Duke. (DO)
3930	Jul24	1910	Voice of the People, via Goyang, South Korea Korean talk and song, jammed (ex 4557) // 6600 jammed) (AP-DNK)
3955	Jul24	*1900-	R Taiwan International, via Woofferton French ID, programme summary, 1902 news (ex 9895) (AP-DNK)
3985	Jul17	1138	Echo of Hope - VOH. // 3985 // 5995 // 6250 // 6350, but found 9100 clearly off the air which is rare for them to be silent; leaving frequency clear for faint SOH (Taiwan) reception, which is normally heard far underneath VOH. At the same time, VOH on 4885, as usual, with program "Radio Broadcasting Guide," in Korean and not // to the other frequencies. Voice of Freedom, first day back on former 6135 (ex 5920), at 1144. Both 6135 and ex 5920 both heavily jammed, while former ex 5940 remains a clear frequency. I again wonder why they don't go back to clear 5940? (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
3985	Jul27	0240	SW Service, Kall-Krekel playing English oldies (AP-DNK)
3995	Jul27	0300	HCJB, Weenermoor. Russian ID, religious talk // 5920 (AP-DNK)
4010.22	Jul24	1905	Birinchi R, Krasnaya Rechka, talk (prolonged broadcast, // 4820 not heard) (AP-DNK)
4055	Ju25	0514	Radio Verdad, Chiquimula, religious songs and comments, English. (Méndez)
4055	Jul27	1005	R Verdad in Spanish with music box-like IS and a man with ID and talk then a woman with

brief talk at 1008 and back to the man – Poor and noisy – Not an easy catch for me in Ontario especially at this time of the year. (Coady-ON)

4747.20 Jul17 0020 Radio Huanta 2000, Huanta, Ayacucho, drifting under CODAR, om en español, fair signal at best, thanks David Sharp tip. (Wilkner)

4747.20 Jul30 2330 Radio Huanta 2000 Huanta Ayacucho nothing tonight and not heard last week (Wilkner)

4765 Jul24 1915 Tajik R 1, Yangiyul Tajik ann, folksongs (AP-DNK)

4774.9 Jul20 1033 Radio Tarma. Tarma chat under CODAR, difficult signal. (Wilkner)

4775 Ju24 0534 TWR, Mpangela Ranch, English, religious comments. 15321. (Méndez)

4810 Jul16 1113 Radio Logos. Unusually good signal, with religious songs. Rare for me to hear them at this level! My audio at <http://goo.gl/ZZncpr>. Also heard at the same time in Japan by DFS - <http://goo.gl/K5eUqR> (Ron Howard, San Francisco, at Ocean Beach, CA, USA)

4810 Jul29 1025 Radio Logos, Chazuta, Tarapoto with OA music, later with Priest to 1045 fade out, need lsb narrow for decent copy (Wilkner)

4810 Jul30 1003 **R. Logos** pleasant instru. mx, 1004 abt a 20 second SP ID/promo by M between songs starting w/"R. Logos...". Hammered by the UTE on 4812 and CODAR, and surprised I got the ID. (Valko)

4820 Jul16 1730 Xizang PBS, Lhasa, Tibet Chinese ann, Chinese orchestra music. Back after 2 months maintenance (AP-DNK)

4835 Jul26 1302 AIR Gangtok actually had some audio today 1302-1314. Slightly above threshold level audio; my local sunrise today was at 1309 UT, while sunset at Gangtok was 1257 UT, so very nice grayline reception. Not heard every day. The SWLer in me still misses ABC Alice Springs NT (Tony Delroy's "Nightlife" show, etc.), but the DXer in me is very happy to be able to hear Gangtok in the clear! (Ron Howard, oceanside at Pacific Grove, CA, USA)

4885 Jul24 1920 R Echo of Hope, via Sagang Hwaesong, South Korea Korean talk, choir singing (AP-DNK)

4885 Jul28 2352 R Clube do Para, Belem, M in extended Portuguese talk, fair with some QRN, this is one of the most reliable outlets left. (XM)

4885.04 Jul27 0250 R Clube do Pará, Belém, PA. Portuguese talk (AP-DNK)

4905 Jul16 1735 Xizang PBS, Lhasa, Tibet. Tibetan ann, Tibetan orchestra music with flute // 4920 (QRM AIR Chennai). Both back after 2 months maintenance (AP-DNK)

4920 Jul17 *0013- AIR Chennai I/S, 0015 Tamil ann, "Vande Mataram" hymn, ann, Tamil music (AP-DNK)

4920 Jul16 1230 PBS Xizang, **back on the air again** after being silent for several months. Heard 4920 in Tibetan, causing severe QRM for AIR Chennai at 1209; also heard // 6200, at the same time, which was in the clear before the sign on of Voice of Jinling (China), which happens about *1230, but fortunately VOJ is much stronger than Tibet, so very light Tibet QRM after 1230. Maybe the others are also back today? Needs confirmation!
Chinese : 4820, 5935, 6050, 7240, 7450 kHz. Tibetan : 4905, 6025, 6110, 6130, 7255, 7385 kHz.

Thanks to Ivo, for your confirmation today in DXLD yg, all confirmed at 1700 UT, July 16. (Ron Howard, San Francisco, at Ocean Beach, CA, USA)

4925.2 Jul29 1033 Radio Educação Rural, Tefé, AM this morning 1033 to 1045,yl in Portuguese, had been missing in previous band scans. 29 July -(Wilkner)

4930 Jul24 1925 VOA, Moepeng Hill English conversation about U.S. - Mexican relations (AP-DNK)

4955 Jul29 0003 R Cultural Amauta, Huanta, presumed, weak threshold signal coming in in waves. (XM)

4960 Jul20 0415 VOA, Pinheira English talk (AP-DNK)

4965 Jul24 1907 Voice of Hope, Lusaka, English, religious comments. // 6065. 15321. (Méndez)

4970 Jul25 1237 AIR Shillong. Start of the usual Tuesday "Heart to Heart" program; DJ in English playing EZL hit love songs ("Can't Help Falling in Love," Celine Dion - "The Power of Love," etc.) (Ron Howard, oceanside at Pacific Grove, CA, USA)

4989.983 Jul30 0942 R. Apintie?? Carrier here past 0942 t/in and sounded like bits of mx at times. This was where Apintie was noted last February. (Valko)

5005 Jul26 0507 Radio Nacional, Bata, carrier and some music detected, barely audible. (Méndez)

5005 Jul27 0513 R. Bata. Definite open carrier, but unable to pull in any audio, which is usually the case here during my summertime. (Ron Howard, oceanside at Pacific Grove, CA, USA)

5010 Jul17 *0018- AIR Thiruvananthapuram I/S, 0020 Malayalam ann, "Vande Mataram" hymn, Malayalam talk and song (AP-DNK)

5020 Jul29 1040 SIBC, weak audio and music, with Cuba powered down at bit (Wilkner)

5025 Jul20 0420 R Rebelde, Bauta Spanish talk, Cuban piano music CWQRM (AP-DNK)

5040 Jul27 0255 R Habana Cuba, Bauta Spanish talk about Cuba (5025 was Off) (AP-DNK)

5085 Jul20 0121 WTWW-2 is on, sounds like the Theater-Organ-in-the-Ozarx guy, Bob Heil, but now talking about Heathkit restorations; must be another ham show. Usual bigsig and the weak parasites Ted can't get rid of close to 5072 and 5098. (Glenn Hauser, OK)

5125	Jul30	0944	UNID. 0944 for at least the next hour, a massive signal on this freq, from someone apparently testing w/repeating loop of test tones starting w/OC, then 500 hz and jumping up roughly 200 hz every 5 seconds to 4.9 khz before starting the loop again. Thought it might be a SP numbers stn, but only the loop of tones hrd. (Valko)
5805	Jul15	1950	Stove Farmer Radio hade Elvis Presley och Cliff Richard. (DO)
5939.86	Jul23	0821	Voz Missionaria Canned PT anmnts w/ment of Santa Catalina by M at 0821 t/in. 0822 nice canned info promo ID by M ending w/singing ID jingle, and more canned anmnts w/IDs and singing jingles, TC, then tlk by M pgm host. Good signal w/5935 WWCR QRM. Couldn't get // 31mb as the band was totally unusable. (Valko)
5950	Jul24	1818	Voice of Tigray Revolution, Addis Ababa, East African songs. (Méndez)
5952.4	Jul21	1010	Pio XII, Siglo Veinte 1010"cinch anos.."om rapid talk, 1045 y1 1048 mx bridge, brief then second yl talk, strong signal. (Wilkner)
5952.42	Jul25	-0230*	Radio Pio Doce. Start of whistling "Colonel Bogey March" with full ID and chimes; poor (Ron Howard, oceanside at Pacific Grove, CA, USA)
5965	Jul20	1318	Shiokaze/Sea Breeze (via Yamata). Shiokaze back to 49M (ex-7215) as of 18 July (per Aoki) with their usual Thursday EG program. Missed Shiokaze on the 22nd but noted pulse jamming after 1410 (CRI (Xian) is in KR 14-15, so commies vs. commies) & no jamming 23 July @ 1315, 1336 [Shiokaze in KR 1300-30, JP 1330-14 on Sundays per Aoki] (Dan Sheedy)
5985	Jul20	*2300-	Myanma R, Yegu National hymn, Bamar ann, prayer, 2312 Choir and Bell, ind1genous string music and song (AP-DNK)
5985	Jul21	1139	Myanmar Radio. Special coverage of Myanmar vs Brunei, in the U23 soccer games (under age 23), on July 21, at 1139 and still going at 1255; seemed to perhaps be a TV audio feed, as less than full spoken coverage. July 23, with coverage of the Myanmar vs Australia U23 soccer game; these matches being held in Yangon; heard at 1239; fair (Ron Howard, oceanside at Pacific Grove, CA, USA)
5995	Jul24	*0559-	Radio Mali, Bamako, French, id. "Nous émettons sur las frequences... Radiodifusion Television du Mali emettant de Bamako", Vernacular comments. Clear signal today. 25332. (Méndez)
6010.103	Jul24	0419	varying slightly, weak talk S9 but vs OK storm noise, and music splash from 6000 RHC, M&W alternating. Listening closely, I realize that the W is in English and the M in Spanish, so one is translating the other, presumably a sermon. Guess which is the originator? From La Voz de tu Conciencia. Meanwhile there is nothing circa 5910+ from the other HJDH, Alcaraván Radio, which I have not heard for some time beyond a sometimes JBA carrier (Glenn Hauser, OK)
6024.98	Jul23	0826	Red Patria Nueva Pgmming of various LA mx and canned anmnts w/TCs and IDs after every other song. 0826 nice simple ID by M "Escuchas Red Patria Nueva". Better than average and good this morning, but still getting slop QRM from 6030. Armchair copy on ZY web rx. (Valko)
6030	Jul24	1902	Radio Oromiya, Addis Ababa, East African songs. (Méndez)
6035	Jul26	1206	BBS. PBS Yunnan (China) cut off at 1206*, leaving weak, but in the clear BBS; announcer in vernacular with usual short breaks at 1213 and 1216 for the unique indigenous instrumental music; 1224 into indigenous music and singing. Found off the air at 1246 check, so did not go through to 1400 today. My local sunrise today was at 1309 UT, while sunset at Thimphu was 1253 UT. This is encouraging to find them running past PBS Yunnan going off the air (Ron Howard, oceanside at Pacific Grove, CA, USA)
6065	Jul24	1905	Voice of Hope, Lusaka, EE, rel. songs and comments, id. "This is The Voice of Hope", "This is The Voice of Hope Radio on short wave, 4965 kHz and 6065 kHz". (Méndez)
6070	Jul20	1040	CFRX Toronto, " in 1954 a tremendous ...finally this summer" good signal. Wilkner)
6090	Jul20	2200	China Business R - CNR-2, Golmud Chinese ann, jingle, news read by man and woman // 6190 and 7315 (AP-DNK)
6090	Jul25	1845	Voice of Amhara State, Addis Ababa, Vernacular, comments. (Méndez)
6090	Jul27	0305	Voice of Amhara State, Addis Ababa Amharic ann, Ethiopian folkmusic (AP-DNK)
6110	Jul24	1757	Radio Fana, Addis Ababa, East African songs. (Méndez)
6110.02	Jul27	0310	R Fana, Addis Ababa Amharic talk, folksong - splashes from 6105 (AP-DNK)
6115	Jul25	-1829*	Radio Congo, Brazzaville, French, comments. Clear signal today. (Méndez)
6130	Jul16	2335	Xizang PBS, Lhasa, Tibet Tibetan talk // 4905 (AP-DNK)
6130	Jul16	2335	R Nationale Lao, Vientiane, indigenous orchestra with flute QRM Xizang (AP-DNK)
6135	Jul28	2348	R Santa Cruz, W in extended SP talk, mention of Santa Cruz, brief fluta excerpt, possible anuncio by M, poor to fair. (XM)
6150	Jul23	0955	R Europa 24, Datteln German ann, English pop song (AP-DNK)
6190	Jul21	2055	CNR2 Geermu good when opening. (UQ)
6250	Jul27	0001	R. Malabo (pres.) While testing a new USB cable to power the Perseus SDR with an

XTPower power bank charger, was shocked to find a strong signal here at 0001 w/African Pop mx. Nonstop mx past 0045. M in song at 0034 mentioned Malabo clearly several times. Very glad to have it reactivated (if it is indeed Malabo) and hope it stays on. So far Brandon Jordan in TN noted it first. Youtube video of my reception at 0017 can be found at <https://youtu.be/VVCIRjhneuY> (Valko)

6250 Jul29 0605 RNRGE, Malabo poor with M&W in Spanish. Wolfgang Bueschel and Patrick Robich think the reactivation is thanks to an Afrika-tour by Chinese techs from BEFF transmitter factory (Glenn Hauser, OK)

6250 Jul27 0502 Radio Malabo. Thanks to alert from Brandon Jordan; not a music loop, but actual programming in Spanish; started poor and improved up to almost fair, but heavy QRN (static); news and comments; both IDs given together - "**Radio Nacional, Radio Malabo**"; 0556 commercial announcement by child for "Banco Nacional." My audio at <http://goo.gl/m3xfRN> (Ron Howard, oceanside at Pacific Grove, CA, USA)

6250 Jul27 2045 Radio Nacional, Malabo noted (no ID heard). At this time non-stop music followed by a newscast at 2100. 1-2 (CB)

6250 Jul27 1857 Radio Malabo. African songs, at 1900 id. "Radio Malabo", Spanish and Vernacular comments, at 2005 general interest advertisements in Spanish, "Por una Guinea mejor...". "Estimados oyentes, les informamos que en estos momentos Radio Malabo está transmitiendo además de en frecuencia modulada, en onda corta en la banda de 48 metros, frecuencia de 6250 kilociclos por segundo, para Guinea Ecuatorial y para todo el mundo, les rogamos reporten como están recibiendo a nuestra emisora". 25322 to 35433. (Méndez)

6250 Jul28 2345 R Nacional, Malabo, surprised to find this coming in so early, great Hi Life mx, M ancr in SP with African accent, sometimes talking over the mx, good signal but some QRN, this is SW the way I like to remember it. (Wilkner + XM)

6250 Jul26 2100 R Nacional i Malabo med härlig musik ifrån Västafrika. Har lyssnat flera kvällar och bara njutit av musiken. (DO)

6250 Jul30 2345 R Nacional, Malabo carrier 2345, 2350 sign on, with weaker signal that last night, no signal at 0004 29/30 July (Wilkner)

6250 Jul30 0005 check, no signal from RNRGE, Malabo, so apparently done with the all-night testing. We should still be able to hear them from sign-on which used to be 0530, but will they stay on later than the old sign-off of 1830? (Glenn Hauser, OK)

6250 Jul30 0445 Radio Malabo, checked past night and today between 0445-0640, July 30, seems to be out of air, nothing heard on this frequency, no audio, no carrier. First days on air strong signal, last days signal more weak and today nothing. (Méndez)

6250.01 Jul27 1955 R Nacional de Guinea Ecuatorial, Malabo Reactivated - last heard May 2011! Vernacular talk, Afropop (AP-DNK)

6257 Jul23 2000 R November spelade Bolero med Fancy. (DO)

6267 Jul14 1915 R Mustang med gammal musik som ELO och Human League. (DO)

6270 Jul24 2105 Transam med med ID. (DO)

6287 Jul14 2115 R Titanic spelade Chat Atkins och Status Quo. (DO)

6290 Jul20 1910 R Astoria med polkamusik på dragspel. (DO)

6303 Jul16 1530 DeKat med The Rolling Stoens och ZZ Top. (DO)

6725 Jul14 1718 R Pioneer med popmusik. (DO)

7118U Jul19 1134 VC01 (Chinese Military numbers station), with "ham jam," which is a ham in CW jamming the Chinese numbers station. My audio at <http://goo.gl/At9G2L>. Feedback from Lou (VK5EEE) in Australia: "A pity when hams don't do this with their call signs to be legal. Sending a test VVV is perfectly legal so long as ID is given at required minimum periods. It can encourage additional 'ham jammers' to test their equipment, but a solitary VVV without callsign is likely to end up being solitary and ineffective. CW QRM especially Contest QRM sends our Indonesian pirates off the 40m band, so it can be effective!" (Ron Howard, San Francisco, at Ocean Beach, CA, USA)

7120 Radio Hargeisa, Hargeisa, 1820-1833, Jul24, Vernacular comments. (Méndez)

7120 Jul27 0335 R Hargeisa, Hargeisa Somali talk, QRM Russian HAMs (AP-DNK)

7150 Jul27 0320 Voice of the Broad Masses of Eritrea, Asmara, Tigrinya talk, folkmusic (AP-DNK)

7175 Jul25 -1831* Voice of Broad Masses, Asmara, Vernacular comments, East African songs. (Méndez)

7176.90 Jul27 0330 Voice of the Broad Masses of Eritrea, Asmara Afar talk - only heard in AM, not in LSB nor USB ! Jammed (AP-DNK)

7205 Jul24 1904 Sudan Radio, Al Aitahab, Arabic, comments. (Méndez)

7255 Jul24 1817 Voice of Nigeria, Ikorodu, English, news, comments. (Méndez)

7295 Jul18 1022 reactivated Radio Sakha, via Yakutsk. EZL music; 1051 usual "Radio Sakha" ID; recently noticed they no longer run a series of commercial announcements after the ID as they did in the past; best reception in LSB to get away from moderate QRM from 7300. Several times stronger than // 7345, which was much weaker than usual; 1100 IS (Jew's harp - khomus) and 4+1 time pips. (Ron Howard, San Francisco, at Ocean Beach, CA, USA)

7345	Jul18	*1101-	At *1101, CRI (7345) signed on and blocked the weak R. Sakha reception; certainly after 1101, no question that 7295 is the best frequency for me to hear them on. I last heard them here on Feb 26, so very nice to again hear this former frequency active again! (Ron Howard, San Francisco, at Ocean Beach, CA, USA)
7375	Jul27	0001	RRI // 9730 with "Radio Newsreel" opening with a man with program highlights and another man with news – Very Good (Coady-ON)
7425	Jul27	1247	RNZI obviously still on the Pacific rather than PNG antenna as nominally switched to only at 11-13 UT; consequently a good signal here when we normally must strain to hear it or give up. RNZI still claims, "Bougainville/Papua New Guinea and Timor Transmission 1100-1300 UTC. From 1100-1300 UTC our programme is directed to the North Western Pacific and Asia", at http://www.radionz.co.nz/international/listen . Dan Slevin is reviewing several films in "At the Movies", including "Baby Driver", with a bad ending; "Paris Can Wait", directed by 80-year-old Eleanor Coppola. Includes lots of brief clips. 1254 wraps up with music from Baby Driver, Dave Brubeck jazz from 1961y. 1255 YL with other music fill; 1257 Adrian Sainsbury announces QSY to 6170, one tweet of the Bellbird, off at 1258* and 6170 on at *1259, S9+10 to S9, a bit weaker than 7425 had been, S9+20 to S9+10. RNZI sked shows nothing but "RNZ News" for the full hour at midnight Friday", so we have to go to the detailed RNZ National schedule at http://www.radionz.co.nz/national/schedules for "Ramere 28 Hongoingoi 2017" which is Maori for Friday 28 July 2017 (kudos to them for coming up with their own original names while yet accepting the CE calendar imposed by the Aryan invaders), showing the "All Night Programme" including "12:30 At the Movies with Simon Morris (RNZ)". Not the name I heard, twice. Or was that the monicker of a filmmaker? Richard Langley noted the same on 7425 yesterday July 26: "Fair signal indoors with just whip antenna on the Eton/Grundig Field BT this morning at 1058 here in NB. NO BEAM CHANGE AT 1100 UT (and no announcement about it nor IS)!" (Glenn Hauser, OK)
9100	Jul18	1308	VoHope. This frequency is apparently unjammed--unlike //5995/6350 (both mostly crunched by the 'juce jammer') former VoH frequency 4885 now has "Radio Broadcasting Guide" looping every hour [thanks to Chris Kadlec, Amano-san, & Ron Howard all via the radio.chobi site for the info]. (Dan Sheedy)
9395	Jul27	0100	RAE (via WRMI) with IS and multilingual IDs then a woman with program ID of "RAE Argentina to the World" at 0101 then small talk about the weather and program highlights – Fair (Coady-ON)
9460	Jul23	2035	Voice of Turkey at 2035 in Turkish with a beautiful female ballad and into a male ballad at 2038 – Fair to Good. (Coady-ON)
9475-	Jul20	0237	WTWW-1 is still on late, and with usual now suptorted modulation; guess Ted forgot to QSY by 0200 to still vacant 5830 since he's more attentive to running WTWW-2, 5085 where he is now playing rock music. It sure helps to work for absentee owners who don't know or care what's really going on at the station (Glenn Hauser, OK)
9490	Jul18	1315	CRI (Kunming-Anning). Fair signal in Bengali, several mentions of Bangladesh in the chat & for some reason, a clear "Radio Pakistan he", "Morning Music" @ 1320..CRI web contact info @ 1324, 1339, 1357 (+ IS)..music sounded "lounge-y jazz-ish" & nothing like what i've heard in the past on Radio Pakistan, still it's enjoyable while watching the waves at Moonlight Beach. (Dan Sheedy)
9525.95	Jul21	1040	VOI. In English with music program; 1056 in stilted Chinese; 1213 in Japanese (Ron Howard, oceanside at Pacific Grove, CA, USA)
9535	Jul18	1343	CRI (Kunming-Anning). At least i can hear Bahasa Indonesia clearly via CRI 1330-1527 daily since VOI-9525a is usually extremely marginal in the mornings here. (Dan Sheedy)
9610	Jul23	2040	RRI at 2039 // 11850 with a woman with "This Week in our Shows" then a man with ID at 2040 and into a woman with "The Cooking Show" - Fair to Good. (Coady-ON)
9635	Jul24	-1759*	Radio Mali, Bamako, African songs, tuning music, close. (Méndez)
9650	Jul25	2055	Radio Guinée with talk in local language. 2-3 (CB)
9650	Jul24	1800	Radio Guinea, Conakry, French, id. "Radio Guinée, FM quatre vingt dix..., Radio Guinée, 24 heures sur 24...", "Radio Guinée, emettant de Conakry". French, news, comments. (Méndez)
9674.9	Jul25	2058	Radio Canção Nova, Cachoeira Paulista, rel. cmts, id. "Radio Canção Nova". (Méndez)
9665.65	Jul15	2150	Voz Missionária with sertaneja music. 2 (CB)
11580	Jul26	1315	RAE (via WRMI) at 1315 in French with a female ballad and a man with talk followed by lively female folk vocals and multilingual IDs at 1324 – Very Good. Coady-ON
11580	Jul25	2350	Radio Ukraine International (via WRMI) at 2350 with a woman talking about the diary of Ukranian artist Maria Bashkirtseff found in a French museum – Very Good. Coady-ON
11580	Jul23	2300	AWR at 2300 with "Wavescan" with Jeff White with the lead story the Turks and Caicos Islands that may join Canada in the future – Very Good. (Coady-ON)
11580	Jul27	0042	Radio Slovakia International (via WRMI) // 5850 with a "Slovakia Today" feature "Culture

			in Slovakia” about a folk festival – Very Good (Coady-ON)
11600	Jul27	2058	Denge Kurdistan in Kurdish with a lively choral anthem then a woman with ID and talk over folk instrumentals and off at 2100 – Good (Coady-ON)
11610	Jul27	2100	World Christian Broadcasting (KNLS) in Mandarin with IS and opening music with a man with opening announcements with website and into western pop music at 2102 – Very Good (Coady-ON)
11710	Jul27	1050	Voice of Korea with a man with the usual fare on the “Great Leader” and various items how workers and soldiers revere him – Fair (Coady-ON)
11715	Jul22	1435	tudio 52, Dutch pirate, via Bulgaria relay. Dr Tim reports this father-and-son station hopes to be on later once a month from Nauen, 6070 kHz, but temporary use of the Bulgarian facilities. Dutch music, talk in Dutch and English, abrupt c/d 1500. So look for this one Saturdays in August..12-15z. (UQ)
11735	Jul23	2035	Rádio Trans Mundial with religious talk. 2 (CB)
11735	Jul25	1800	Zanzibar Broadcasting Corp. with news in English. Good audio quality. 3-4 (CB)
11735	Jul24	1803	Zanzibar Broadcasting Corporation, Dole, English, news, “The main points again, the end of this bulletin”, 1811 vernacular comments. (Méndez)
11764.63	Jul15	2155	Super Rádio Deus é Amor with Christian songs. 2-3 (CB)
11790	Jul27	2043	AWR in Yoruba with a choral African hymn and a man with religious talk from 2046 – Good (Coady-ON)
11815.033	Jul23	0529	poor signal with music, Rádio Brasil Central, but really stands out with hardly anything else propagating on 25m. I look for other ZYs and find only 11934.938 also with music, Rádio Evangelizar. On 31m, only 9819, 9675, 9665, 9630, not measured precisely (Glenn Hauser, OK)
11855.07	Jul15	2145	Rádio Aparecida with a Christian message. (CB)
11860	Jul23	2030	Radio Sana’a (Republic of Yemen Radio) at 2030 in Arabic with Middle Eastern male vocals – Weak. (Coady-ON)
11880	Jul26	2347	RHC with “The Arts Roundup” with a woman talking about Cuban movie posters as art – Very Good. (Coady-ON)
11900	Jul23	2014	VOA at 2014 in French with male presenting jazz music – Fair. (Coady-ON)
11905	Jul27	0012	SLBC in Hindi with OC to 0114 and brief subcontinental instrumentals and a woman with ID and brief talk at 0115 and into subcontinental vocals – Fair to Good (Coady-ON)
11915	Jul23	2026	BSKSA at 2025 in Arabic with a man with possible news headlines with mentions of various Middle Eastern countries before items then another man with brief talk mentioning “Saudi” at 2026 and into Islamic Call to Prayer – Very Good. (Coady-ON)
11945	Jul27	1044	Radio Veritas at in Mandarin with a man with religious talk with mentions of “Jesus” - Fair to Good (Coady-ON)
11985	Jul27	2047	NHK World Radio Japan in JJ with a man and woman with talk – Good (Coady-ON)
12060	Jul23	2020	Radio Algerienne in Arabic with Islamic Call to Prayer – Very Good. (Coady-ON)
13635	Jul23	1214	Voice of Turkey at 1214 in Turkish with male folk vocals – Fair. (Coady-ON)
13680	Jul23	1432	Voice of Hope at 1432 with Christian pop vocals and a man with inspirational talk – Fair in peaks with fading. (Coady-ON)
13740	Jul23	1436	CRI at 1436 with a man and two women with banter about air travel in China and Asia – Fair to Good with frequent transmitter breaks. (Coady-ON)
15085	Jul27	2018	bandscan hits JBA carrier here. Listening further, BA talk occasionally perceptible on slight fadeups with the inimitable intonations of Josiah, of the anti-Christ pirate Station YHWH; so now he is back to earlier broadcasts in the daytime on higher bands than 7585 circa 0200-0500. I had noticed a JBA carrier on 15085 a week or two ago but not logged it. Of course, no legit station is ever using it now, not even Iran. Still past 2033, with brief slight fadeups of his talk. Not that we care to hear what he says in his well-worn diatribes, which are from just another wacky religionist, but with a slightly different angle than most of them (Glenn Hauser, OK)
15110	Jul26	1335	VOA in Mandarin with a woman calmly interviewing a man – Fair at first over excited talk from CNR1 jammer and starting to fade out by 1339. Coady-ON
15140	Jul27	2050	Radio Sultanate of Oman in Arabic with lively Middle Eastern pop vocals and a man with talk at 2051 with mentions of “Oman” followed by promos and possible ads to 2056 and Middle Eastern pop female vocals – Good (Coady-ON)
15255	Jul23	1448	RFE/RL at 1448 in Turkmen with a man with talk then a woman with brief talk at 1449 followed by folk vocals music bridge and back to the man and woman with talk and a telephone interview – Good. (Coady-ON)
15350	Jul23	1443	Athmeeya Yatra Radio at 1443 ending their Haryanvi program with male vocals and a woman with brief talk and into Bhojpuri program at 1445 with a man with ID and talk – Fair to Good. (Coady-ON)
15380	Jul23	1219	BSKSA at 1219 in Arabic with a woman interviewing a man with many mentions of “Arabie” and “Saudi” – Fair. (Coady-ON)

15476 Jul26 1959 LRA 36 Radio Nacional Arcángel San Gabriel, Base Esperanza, carrier and some comments detected only on USB. Very weak, barely audible. Not detected for more than a week. (Méndez)

15570 Jul23 1720 Vatican Radio at 1720 in French with a man and woman with talk about the Church in Africa to brief African choral singing at 1726 and off and back on at 1728 with IS and African choral singing at 1730 and a man with "This is the African service of Vatican Radio" and into English program with a man with Church news – Fair to Good. (Coady-ON)

15575 Jul23 1329 KBS World Radio at 1329 with female pop vocals and a woman talking about the music at 1331 and introducing another song – Poor to Fair. (Coady-ON)

15700 Jul17 0500 Radio Pakistan, Islamabad in Urdu language 0500-0700, to ME, Iran, Turkey & No/We Africa, noted in Eastern Thailand at 0500 UT til sudden OFF air at 0548 UT on July 17. Noisy S=5-6 signal, Pakistani music and typical drums singer. Listen to the noisy tiny signal, taken at Uwe's remote SDR installation place. Access via the box recording file via URL <<https://app.box.com/s/beerm2s4523ci5ok6j2qhg5ft6kcyik>> (wb df5sx, wwdxc BC-DX TopNews)

17630 Jul23 1441 CRI at 1441 // 13740 with a man and two women with banter – Weak. (Coady-ON)

25000 Jul29 2300 **WWV** Despite not having any luck on checks on previous numerous days 1400-1900, have been hearing this the last 2 days in the 2300-0100 time period. According to the NIST website, is 2 kw experimental reactivation on this freq. Usual format aired plus they've been giving this announcement at 16 min. past the hour: "Beginning the 7th of July 2017 at 2042 UTC, the 25 megaHertz broadcast is on a turnstile antenna with circular polarization and will remain in this configuration until after the eclipse on the 21st of August 2017. Signal reports are requested and appreciated. Listener reception reports may be e-mailed to www@nist.gov, or mailed to Radio Station WWV, 2000 East County Road 58, Ft. Collins, CO 80524". Audible on the (20-200 degrees) Delta loop but not the Wellbrook ALA1530S. Seems to be peaking here just after 2300 and is always very fady, many times fading out completely, but also peaking fairly well at times. (Valko)

Report from Wolfgang Büschel:

INDONESIA 3325 even fq. Heard strong supposedly RRI Palangka Raya with a listener-in phone Quiz with the listenership at 1430-1450 UT, now local music - listen to enclosed recording of 14.51-14.53 UT on July 29. S=9+5dB or -69dBm signal. Nice signal observed on remote SDR unit at Uwe's place in eastern Thailand.

 > *Never any sign of RRI Palangkaraya co-channel, altho Atsunori Ishida says it has been active every day thru July 22 until 1700v*. RRI is much further from here and always likely to be weaker if at all. Both nominally 10 kW per WRTH. RRI should switch to a nearby clear frequency like 3355 ... Glenn*

Others in eastern Thailand remote post:

KOREA Rep of (KOR)

3909.965 Vothe People in Korean, jammed by KRE at 1420 UT, S=9+10dB.

3479.987 Vothe People in Korean, heavily jammed by various audio sounds. S=9+15dB at 1442 UT on July 29.

Jamming whistle on 3480.056 kHz and 3478.953 kHz, also some 5 / 7 / 9 kHz whistle strings, a n d separate bubbler 6 x 100 Hertz apart distance peaks varied around 3485.250 kHz center too.

KOREA D.P.R. - Kim Jong Un P5-call land.

2850.003 KCBS Pyongyang Korean, S=9+5dB at 1430 UT, and \ 1425 UT

3219.918 S=8-9 signal strength, both light singer music program.

3250even KRE Pyongyang BS, S=8-9 fluttery at 1434 UT, talk program and \ 3319.996 at S=7-8 signal level at 1435 UT.

(wb df5sx, wwdxc BC-DX TopNews July 29)

Contributors to the log:

wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX Glenn Hauser, Enid, OK, USA (also from WOR&DXLD) Ron Howard, oceanside at Pacific Grove, CA, USA UQ, Ullmar Qvick, Norrköping, Sweden XM Cedar Key, FL DO. Dan Olsson, Kävlinge, Sweden	Manuel Méndez, Lugo, Spain AP-DNK, Anker Petersen, Skovlunde, Denmark CB, Christer Brunström, Halmstad, Sweden Coady-ON, Mark Coady, Selwyn, Ontario, Kenwood Dan Sheedy, Moonlight Beach, CA Robert Wilkner, Pompano Beach, Florida, USA Dave Valko, Dunlo, PA, USA
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Station news

AUSTRALIA. Sporadic on/off feeble signals, too weak to identify if any audio present. Noted within Australia on 5055kHz. First noted at 0930UT for some seconds then off, then noted again around 0956UT 24th July, 2017 for less then off again.

I could speculate that this is 4KZ testing, but I really have no idea who/where/what etc. I didn't have time to get an exact freq, but it was on the lower side of 5055kHz. Noted on a couple of Aussie SDR radios rxers. (Ian via DXLD)

EQUATORIAL GUINEA. Radio Malabo David Kernick's is a very clear recording of the ID and frequency announcement about tests, "Radio Nacional de la Republica de Guinea Ecuatorial", Avenida 3 de Agosto, Malábo, naming different continents it desires to hear from. WRTH address adds number 90 after Agosto, and also Apartado 195. (Glenn Hauser via DXLD)

R Nacional are back on shortwave. Heard between 18.30-23.00 UTC on 6250. (DO, Dan Olsson)

GERMANY. New licensed station from Germany started 1 of August. The name of the station are Bits & Bleps Shortwaveradio. Schedule are Monday-Saturday. On 3975 12.00-14.00, 16.00-18.00 and 20.00-22.00. On 6160 10.00-12.00, 14.00-16.00 and 18.00-20.00. All times are UTC. Address to the station are 3975@shortwaveradio.de or 6160@shortwaveradio.de. (M Barraclough via Facebook via DO, Dan Olsson)

Note: The station is run by Shortwave Radio Enthusiasts on non political and non commercial base. Transmitting location is in Lower Saxony / Germany in accordance with a licence issued by the German BNetzA (Zuteilungsnummer # 01958434 & #01958435) See info at <http://shortwaveradio.de/>

Domaininhaber ist Christian Senne DO1INT - sicher einigen bekannt durch die Publikationsreihe über Amateurfunk in der DDR sowie über den "Freiheitssender 904"... (siehe auch radiohistory.de). (73 tom df5jl via A-DX)

MALI. R Mali are heard on 5995. (Facebook via DO, Dan Olsson)

Dear Glenn, I thought this may be of interest to you. Last night (25th July) I was scanning through the bands at my QTH and I noticed **Radio Mali** operating with significantly better modulation at 2214 UT. Instead of the station being a carrier with very faint modulation, it was instead alive with much better modulation. I have a video which I will paste into this email, towards the end it has an ID. I hope you are interested in this and if you wish to share amongst fellow SWL'ers.

Equipment: Perseus SDR & Wellbrook ALA1530LN
Location: Armagh City, Northern Ireland
Time & Date : 25th July, 2214 UTC
Link : <https://youtu.be/3dDDCbJFS1A>

Kind Regards, (Jordan Heyburn, Sent from Outlook, 1006 UT July 26, DX LISTENING DIGEST)

5995, Radiodiffusion Télévision du Mali - Bamako. Noted at Mount Evelyn via the long path at 0655 UT with unusual African instrumental sounds, then news in French at 0700. Occasional phoned-in news reports. At 0720, Malian stringed music behind studio announcements, then more commentaries. A Malian song at 0725. This station appears to have taken some corrective measures at the transmitter as it seems to be producing much better modulation and audio now. Perhaps the problem that has plagued this outlet for years may now be fixed? I couldn't hear them at all last week, so definitely something has changed! Not a strong signal but quite good considering it was long path propagation. July 26. 73 and good DX everyone, Rob Wagner VK3BVW (via Mike Terry, BDXC-UK yg via DXLD)

Radio Mali has not been off shortwave, just not audible because of its poor modulation. But yes, modulation does seem to have improved as reported. Daytime frequency 9635 (same transmitter as 5995) seemed better when checked on Canary Islands remote receiver this morning. 73s (Alan Pennington, ibid.)

NEW ZEALAND. 9630 kHz has replaced 9700 kHz at 0459-0658 UTC from July 28.

The full RNZI schedule is here: <<http://www.radionz.co.nz/international/listen>>

I've to check it here in Germany tomorrow morning.

I guess Aparecida Brazil is very tiny and poor here in Europe at present, and no adjacent QRM problem. see also: Brazil, 9630.008. Only few Brazilians propagate today towards Germany / western Europe this Friday July 28. At 0501 UT heard ZYE954 Radio Aparecida, Aparecida SP <www.a12.com/radio-aparecida> (wb df5sx, wwdxc BC-DX TopNews July 28)

PUERTO RICO. 5125.00, July 30 at 0006, extremely strong S9+15 to S9+30 open carrier, something new. I'm checking since this news emerged via Roger on the DXLD yg: <http://bit.ly/2eNEhME> about ionospheric heating experiments from the Arecibo, Puerto Rico, radio telescope, on behalf of the same guy who brought us HAARP last winter from Gakona, Alaska.

^^Arecibo ionosphere HF radio modification campaign!

[Excerpts:] 23 July: If you are reading this, then another radio event of possible interest is the upcoming Arecibo ionosphere HF heating campaign during 24 to 31 July 2017. The new Arecibo ionosphere HF heater nominally transmits 600 kilowatts net power (100 to 200 megawatts effective radiated power) and has a unique Cassegrain dual-array antenna design that increases gain of three crossed dipoles for each band using the signature 1000 ft spherical dish reflector.

During the upcoming campaign, the Arecibo HF transmitter is limited to two frequencies, 5.125 and 8.175 MHz. Campaign HF transmissions will start at approximately 1600 hours UTC and be active approximately 24 hours per day, with some occasional downtime for maintenance and other activities lasting one or more hours. Generally, the 8.175 MHz transmissions will occur in the daytime when foF2 is expected to exceed that value, between approximately 1830 and 2230 hours UTC. Otherwise the HF transmissions will occur at 5.125 MHz. These transmissions will be in the vertical direction so this is an excellent opportunity to observe NVIS from a powerful transmitter in Puerto Rico.

24 July: Did you copy Arecibo during the 24-31 July 2017 HF campaign? Get your QSL card! This morning I received the following information by email from Ángel Vásquez, Head of Telescope Operations and Spectrum Manager at Arecibo:

I'm Ángel WP3R, president and trustee of KP4AO, the Arecibo Amateur Radio Club. KP4AO has QSL cards that have been made because of our Special Event Runs and the MoonBounce we did. My personal QSL manager, W3HMK does the QSL'ing also for KP4AO. I can give him a call and have him send SWL QSL's to the interested parties. All that is needed is a SASE to W3HMK. His Address can be found on QRZ.com or WM7D.net.

25 July 2017: I originally reported the Arecibo high-power HF operations to be transmitted at either 5.125 or 8.175 MHz, depending on local foF2. Note that these are just estimates and the actual transmitted frequency may be adjusted slightly from those values for various reasons. Arecibo is currently transmitting 5095 kHz at 0000 hours 25 July 2017 (UTC).^^

So here's what I hear: first at 0007, I compare the 5125 signal to nearby 5 MHz transmitters:

5129.8, WBCQ, JBA carrier --- will get blown away by this thing

5085, WTWW not on yet [see separate log later]

5050, WWRB, S9+15

5040, RHC Creole, S9 to S9+25

5025, Rebelde, S7-S9, undermodulated

[see also USA: 6993]

Assuming 5125 will continue to be unmodulated, I tune around elsewhere, but at 0031 I notice that different ascending tones are now being transmitted in steps. This is not unlike some proof-of-performance runs by AM broadcast stations, but why would they be doing this? The huge ERP carrier alone is all that's needed to heat the ionosphere. And if they can transmit these tones, they could also easily include some kind of ID! So I am not positive all this is really Arecibo. If not, quite a spoiler!

The tone sequences start over from low to high about every two minutes, at 0034, 0036, 0038. The higher-pitched ones being pure tones, produce what amount to distinct carriers on corresponding frequencies apart from 5125.00, in fact landing far beyond poor WBCQ circa 5130.

At 0040 I start to follow the sequence with the NRD-545 on 0.1 kHz step tuning. Each lasts just a few seconds. I suppose the same thing is happening on the lower side but not listening there. 5133.2, 5133.6, 5134.0, 5134.4, 5134.8 --- so these are 400 Hz apart.

Next run at 0043 I catch starting at 5126.1, then 5126.5, 5126.7, 5126.9, 5127.1, 5127.3, 5127.5, 5127.7, 5127.9, 5128.1, 5128.3, 5128.5, 5128.7, 5128.9 (and now traces of WBCQ at different pitches underneath), 5129.1, 5129.3, 5129.5, 5129.7, 5129.9 where it stops, so these were 200 Hz apart; and back down to start up again:

5125.9, 5126.1, 5126.3, 5126.5, 5126.7, also at 200 Hz --- and I tune up above to find some much higher ones going at same time far beyond the WBCQ frequency:

5135.9, 5137.4, 5138.3, 5132.2, 5143.1, 5143.8, 5144.6 where it stops. I may have missed some digits trying to keep up with them, as these were mostly, but not all, 900 Hz apart. More of same I do not track.

At 0100* carrier goes off, back on circa *0102 with dead air; 0104 more tone test but this time steady at high pitch. 0108 dead air; 0110 high tones.

At 0114 yet another variation: the carrier cuts off and on between tones, something it was not doing earlier. There was never anything on 5095 or other frequencies between. And so it went.

0330 recheck, nothing on 5125 or 5095, but a big S9+20 OC on 5100, where we have heard such before. Could that be Arecibo all along? (Glenn Hauser, OK, DX LISTENING DIGEST)

Other radio news

Do You Want To DX In The Arctic?

You can! And you don't even need to pay an airline ticket!

<https://kongcdr.blogspot.no/>

(Saturday, July 29, 2017, Bjarne Mjelde via <http://arcticdx.blogspot.se/>)



EDXC Conference 2017

Hello friends, the big DX event of this year is approaching and we have one month to go. The EDXC Conference joined with the annual summer meeting of the Finnish DX Association will be held on 18-20 August in Tampere, Finland. The meeting is also jubilee for EDXC 50th anniversary, for the 50th anniversary of the local club Tampereen DX-Kuuntelijat and for the centennial of Finland!

The meeting information can be found at the web pages: <http://www.sdxl.fi>.

Right now we are having slightly over 100 participants. It is still possible to book for the meeting, we have some hotel rooms and meeting packages available. All inquiries are welcome to e-mail rv at sdxl dot org. Don't miss this meeting, unfortunately it can be the last big DX meeting in Europe!

Welcome to Finland!

(Risto Vähäkainu, FDXA, Hard-Core-DX mailing list)

[dxld] Why the Navy Sees Morse Code as the Future of Communication

Engineering.com, July 18, 2017

A signal lamp aboard the USS Stout beam message in Morse to the USS Monterey. (Image courtesy of the U.S. Navy.) For centuries, mariners around the globe have used lamps and shutters to beam messages via Morse code from ship to ship. But today, Morse code isn't being learned by every sailor, even though lamp light communication is still being used.

So, how we reconcile these two facts? Well, if you're the U.S. Navy you update your lamp light communication systems to encode the modern form of Morse code: texting.

In a test recent carried out aboard the USS Stout, the U.S. Navy used a new mechanism it calls the Flashing Light to Text Converter (FLTC) system. During the test, sailors aboard the Stout fired off text messages and the FLTC converted them to their Morse code lamp light signals which were interpreted by the USS Monterey, moored at a dock in Norfolk, Virginia.

Full article here:

<http://www.engineering.com/DesignerEdge/DesignerEdgeArticles/ArticleID/15283/Why-the-Navy-Sees-Morse-Code-as-the-Future-of-Communication.aspx>

(Mike Terry via DXLD)

Radio broadcasting in Russian

A brief overview of all known events in the form of a scientific article - in any case, the publication is clearly within the framework of the protection of some scientific work - The place and role of Western radio stations in the information space of the USSR and the new Russia (on the example of radio stations: Voice of America, BBC and Radio Liberty)

Scientific research: Broadcasting. Releases: Issue number 4. 2016g. Authors of materials: Kolchina Anna Sergeevna
Link for citing: Kolchina AS The place and role of Western radio stations in the information space of the USSR and new Russia (on the example of radio stations: Voice of America, BBC and Radio Liberty) // Mediascope. 2016. Vol. 4. Access mode: <http://www.mediascope.ru/2241> © Kolchina Anna Sergeevna

(<https://vk.com/dxing>)

Extracts from the "List of coastal radio stations and the timetable for their work on the waterways of the United Deep Sea System of the European part of the Russian Federation" for 2016, relating to HF communication and some output data ...

You can buy the brochure for funny money here: <http://www.morkniga.ru/p200047.html>
(<https://vk.com/dxing>)

List of coastal radio stations and timetables for their work on waterways of the United Deep Sea System of the European part of the Russian Federation. Publisher: МОРКНИГА
Place of publication: Moscow Year: 2016 Format: A5 (148x210 mm) Pages: 38
(<http://www.morkniga.ru/p200047.html>)

(RUS-DX # 934, Anatoly Klepov)

Crypto Museum

Welcome at the Crypto Museum website. At present we are a virtual museum in The Netherlands, that can only be visited on the internet 24 hours a day. We do have a permanent collection however, and regularly organize exhibitions and events in co-operation with other museums. <http://www.cryptomuseum.com/index.htm>

Intercept receivers

This section deals with receivers that have been used (or are being used) to intercept and monitor radio traffic. Please note that there are overlaps with other sections, as some of these receivers are also used for radio direction finding, or for finding the nature and source of an interference.

In this section you can find a very interesting story about the old RCA AR-88. See this link

<http://www.cryptomuseum.com/df/ar88/>

If you are interested to see the various models used, go to this website: Radio Boulevard, Western Historic Radio Museum

: <http://www.radioblvd.com/ar88.htm>

RCA's Amazing AR-88 Receivers

Includes: AR-88D, AR-88F, AR-88LF, CR-88, CR-88A, CR-88B, CR-91, CR-91A, SC-88, R-320/FRC, DR-89, RDM and OA-58A/FRC

(From <http://swling.com/blog/>)



History of CB radio Southgate, July 22, 2017

The website of radio amateur RF-Man has an interesting article on the history of CB radio that covers UK usage from the mid-1960s and the early development of CB in the USA

The UK Citizen's Band Association was formed in 1976 to campaign for a legal CB service in the UK. The President was James M. Bryant G4CLF one of the many radio amateurs who actively campaigned for legalisation.

Read CB History at <http://ukspec.tripod.com/rf/cb/>

Read the article about CB Radio written by James Bryant G4CLF in the March 2, 1978 issue of New Scientist magazine <http://tinyurl.com/CBradioNewScientist>

The RF-Man site also covers the history of UK amateur radio call signs, see <http://ukspec.tripod.com/rf/ukcalls.html>
<http://www.southgatearc.org>

(Mike Terry via DXLD)

DEEP CONCERN OVER RADIO SPECTRUM

From Southgate Amateur Radio News 17 July 2017.

At Friedrichshafen, IARU Region 1 President Don Beattie G3BJ said "I am deeply concerned about our ability to maintain a usable radio spectrum in some parts of suburban Europe"

Don Beattie G3BJ, gave an opening address at the Friedrichshafen Ham Radio 2017 event in which he covered the spectrum challenges of today.

"It is of little value having radio spectrum allocated to the amateur service if it is made unusable by the presence of multiple sources of interference – be it electrical interference or intruders in the amateur bands. And so IARU is deeply involved in the work of the international standards organisations, arguing for common sense in the setting of emission standards for electrical and electronic devices.

"Areas which are of current concern are solar photo-voltaic generators, wind generators, digital devices, VDSL+ and Wireless Power Transfer. Some would say that even with the work we are involved in on standards, much of the radio spectrum is becoming unusable in the suburban environment, and I have sympathy with this view."

<http://www.southgatearc.org/news/2017/july/deep-concern-over-radio-spectrum.htm#.WXE5FFGQwY1>

(with link to full text of G3BJ's address)

(via Shortwave Radiogram July 22 via roger, dxldyg via DXLD)

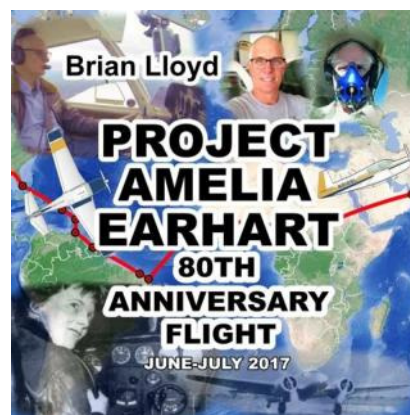
Historic flight over the Pacific Ocean Southgate, July 23, 2017

The commemorative around the world flight marking the 80 years since the disappearance of aviator Amelia Earhart has finally left New Zealand (July 23) and is headed for Pago Pago American Samoa.

Full report here:

[Historic flight over the Pacific Ocean | Southgate Amateur Radio News](#)

(Mike Terry via DXLD)



21 August Eclipse Offers Longwave Radio Opportunities Longwave Radio Club

The total eclipse of the sun on 21 August offers coast-to-coast opportunities for radio experimenters to examine diurnal propagation variations on a shortened time scale...and perhaps anomalous variations that aren't analogous to the normal day/night changes. Effects can be expected from VLF through HF (probably even at ELF), so nearly every longwave enthusiast in the US and Canada should be able to observe and document signal variations during the eclipse with their current equipment.

This will be discussed further in the August issue of The LOWDOWN.

Meanwhile, to get a sense of the potential range of experiments possible, LWCA member Rick Ferranti W6NIR suggests these Web sites as an introduction: Whitham D Reeve and HamSci.org. Rick notes that the latter is a little vague on some of the organized activities, and more can be gleaned from an addition HamSci paper on the subject.

HamSci's own effort is strictly in the HF amateur bands and employs tools like the Reverse Beacon Network and WSPRnet, the latter of which will also be useful to monitors tuned to the WSPR segments of 2200 and 630 meters. But as previously noted, all longwave buffs can get in on the action. HiFER and LowFER signals, NDBs, Navy stations monitored on SID receivers, and whistler/natural radio receivers will also all provide unique opportunities to observe the transient effects on our ionosphere of the moon's shadow.

(Mike Terry via DXLD)

Unusual radio stations

Broadcast for pets began in Heilbronn. On the air of the radio station in a non-stop mode, music is played, specially selected for animals. Compositions, according to the idea of the creators of the new radio, should soothe the dogs and cheer them up.

One of the authors of the unusual project was local radio presenter Stefan Stock, who thought about the comfort of dogs after he started a four-legged pet named Laila. As the host said, the radio station will help the owners of animals to keep their belongings intact: an animal, soothed by special music, will not gnaw and destroy anything in the house while the owner, for example, at work. In addition, the dog will not be lonely.

The radio station was called Hallo Hasso, or "Hello, Hasso", as this name is one of the most popular nicknames of dogs in Germany.

In the country there are other "canine" entertainment, writes Der Westen. So, the first television channel for the four-legged friends of DogTV has recently started working, and in Berlin it is possible to visit the excursion for animals and their owners together with the dog.

Eg.ru (http://onair.ru/main/enews/view_msg/NMID_66260/)

In Los Angeles, the 34-year-old owner of the independent recording studio Adrian Martinez gave life to an unusual Internet radio station called DogCatRadio. It is designed for dogs, cats, hamsters, parrots and other pets. As the owner conceived, this radio wave should brighten up the gray routine of pets during the absence of their owners. Between the songs with the mention of animals, the hosts give lectures for the owners of our smaller brothers. And, quite logically, the broadcasts on DogCatRadio are accompanied by meowing and barking.

(<http://www.uznayvse.ru/nauka-i-tehnologii/samyie-kreativnyie-radiostantsii-mira-34851-2.html>)

American radio "Bird Songs" broadcasts twittering birds around the clock, recorded 20 years ago by Quentin Howard in his own Wiltshire County garden. Now Howard is already the general director of several foreign radio stations. "I was extremely surprised when I found out that the" fuss "I wrote attracted half a million listeners," the resourceful Quentin marvels. Fans of this radio claim that singing birds helps them relax and even created a community of fans on Facebook.

([Http://www.uznayvse.ru/nauka-i-tehnologii/samyie-kreativnyie-radiostantsii-mira-34851-2.html](http://www.uznayvse.ru/nauka-i-tehnologii/samyie-kreativnyie-radiostantsii-mira-34851-2.html))

(RUS-DX # 935 Anatoly Klepov)

Buch: Kurzwellen-Rundfunk der Vergangenheit

Eine schöne Empfehlung: Hobbyfreund Klaus Puth bietet sein umfangreiches Buch "Kurzwellen-Rundfunk der Vergangenheit", 96 Seiten mit der Vorstellung von sehr vielen Kurzwellendiensten nun als PDF zum kostenlosen Download an:

http://radiolegenden.puth.org/Radio-Legenden_unlocked.pdf

Muß man gelesen haben.

(73 Christoph Ratzer via A-DX)



Not SWL DX, but still interesting

As fewer and fewer stations are evident on SW, I've looked elsewhere for my radio kicks. Last night, I downloaded a SSTV image from the ISS on 145.8 MHz NFM as it passed overhead at 06:49 UTC. It's a rather easy process. I simply recorded the digital signal, then played it through MMSSTV software which worked perfectly. To know when the ISS is within range, this website proved very useful: <https://www.issfanclub.com/#>

And here's my image, using an old Kenwood R2000 with the VHF option and a simple outdoor discone antenna, although it was also heard well with a simple rubber duck antenna and hand held Yupiteru scanner:



(73, Walt Salmaniw, Victoria, BC via DXLD)

The station all talk about is the reactivated R Malabo. Robert Wilkner has shared some pictures from the old days when this station was a regular guest on the same frequency.

Robert Wilkner says: Enclosed an old QSL for 6250. Malabo (formerly Santa Isabel) is the capital of Equatorial Guinea and the province of Bioko Norte. Thanks a lot for those nice QSL & pictures. /TN

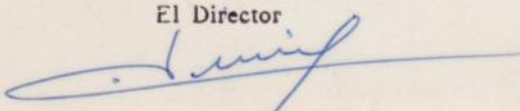


La Emisora de Radiodifusión de Santa Isabel

E A J 205

Con Q. T. H. en la ciudad de Santa Isabel, capital de Guinea Ecuatorial en la Isla de Fernando Poo, Apartado de Correos n.º 195; acusa recibo de su carta en la que nos daba control de nuestras emisiones, oídas por Vd, con fecha 30 ENERO 1967 a las 22.15 horas G. M. T. Efectivamente las señales que Vd indica, procedían de esta Estación.

Esta Emisora de Santa Isabel, le agradece mucho su información y le invita a oír sus emisiones con regularidad. Le adjuntamos un horario de las mismas, y aprovechamos la ocasión para suscribirnos de Vd. afectísimo, seguro servidor que estrecha su mano.

El Director


304 NE 8TH COURT
Sr. Pompano, Florida
Ciudad U. S. A. 33060
 Nación

NOMBRE DE LA EMISORA.— (Q. R. A.) Emisora de Radiodifusión de Santa Isabel
E. A. J. 205.
SEÑAS.— (Q. T. H.) Apartado de Correos n.º 195. Santa Isabel, Fernando Poo.
DIRECTOR.— ~~Don Santiago Comedante Casarás~~ LUIS JIEMENZ MARHUENDA
FRECUENCIAS.—6.250 Kc.-48'00 m.
POTENCIAS.—5 000 watios.
COMIENZA SUS EMISIONES.— Con la marcha «*Los Voluntarios*».
TERMINA SUS EMISIONES.— (Q. R. T.) Con el «*Himno Nacional Español*»
LLAMADA.—(C. Q.) *Desde la Isla de Fernando Poo, transmite la Emisora E. A. J.*
205 Radio Santa Isabel.
EMISIONES.—(horas G. M. T.) de 7 a 23.
EMISION DE NOTICIAS EN ESPAÑOL.—(Horas G. M. T.) 7,30; 13,30; 19,45; 21,00
y 22 50
EMISIONES EN OTROS IDIOMAS.—(Horas G. M. T.) Música y Boletines de noticias.
En lengua pamue.- Todos los días laborables de 16,30 a 18,00.
En lengua bubí.- Todos los días laborables de 18,00 a 19,00.
En lengua Annobonesa.- Todos los días laborables de 16 a 16,30,
En lengua inglesa.- Todos los días laborables de 19,00 a 19,45.
CORREO.— Esta Emisora de Radiodifusión de Santa Isabel, agradece todos los controles
de audición que se le envíen de sus emisiones (Q. S. L.) y los contesta.

Santa Isabel, 1966.