

SHORTWAVE BULLETIN

Issue no. 1847, April 10, 2015.

Deadline e-mail next issue: 0800 UTC, April 24, 2016.

Hello guys,
I'm very happy to greet a new member welcome to SWB. One of the "old" guys from UKVK, now active as a radioamateur and now also interested in DX-ing.

It seems a lot of the old DX-ers find the way back when they get retired which is good for us.

In this issue we have a very interesting contribution from Stefan Wikander regarding the noise generated from wind turbines.

I have one wind turbine only 1 km away but no problem with that. Stefan has already about 90, increasing to about 240 when the park is completed.

It seems that Siemens use a special type of current regulator causing the trouble.

It's a pity a lot of the new stuff are causing so much noise. Most DX-ers complain and have problems at home.

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>

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QSL, kommentarer, mm.

Lars Wallmark (LWT): Är intresserad av att bli medlem. Är aktiv radioamatör med call SM2HWG och SM2W samt EA7JZL. Eftersom jag är bosatt i syd-Spanien stora delar av året, blir det också en hel del radio från min QTH där.

Givetvis hoppas jag kunna bidra med ett och annat matnyttigt till din eminenta skrift.

Lars är redan med på sändlistan och vi hälsar honom välkommen i den tynande skaran av kortvågsllyssnare. Han har ett förflutet i det glada UKVK-gänget, hans signatur var LWT/teg/ och gänget där uppe i Umeå var väldigt aktiva.

Vi ser fram emot kommande presentation och bidrag från en som varit med väldigt länge både som DX-are och radioamatör.

Anker Petersen: Dear DX-friends, I have been working hard on editing the next Domestic Broadcasting Survey. Please have a look at www.dswci.org/dbs

Arnstein Bue: Takk for SWB. Jeg har sluttet definitivt med KB/KV-dx, så etter mange år ber jeg om å få bli tatt ut av SWB-lista. Kan du se hvor lenge jeg har vært med? Jeg mener å ha et komplett arkiv med SWB fra jeg ble medlem - trolig i 1978 eller 1979. Er noen interessert i år overta disse, eller skal jeg slenge dem i papirinnsamlingen? Du kan jo sjekke interessen på lista, eller i neste utgave?

Frågan när ABU blev medlem fick gå vidare till JOE som letat i arkeven och hittat att han debuterade i nr 786 den 6/5 1981 så han har nästan varit med i 35 år.

Alltså, ABU har en komplett samling av SWB sedan han blev medlem och fram till nu. Den som är intresserad höra av er till honom snarast. Om inget intresse finns så går samlingen iväg till pappersåtervinningen.

Christer Brunström: Voice of Turkey 17755 kHz svarade med QSL-kort och trevligt öglglasunderlägg med motiv från ett palats någonstans i Turkiet. **Madagascar World Voice 17640 kHz** snyggt QSL-kort som svar på en rapport på första dagens sändningar.



Från NORDX: QSL till Karl-Erik Stridh

Ullmar Qvick: Better too early than to late... so here comes my report for the end of March and beginning of April. Just checking the English transmission list for A16 and find it all right. The big news has been the World Christian Broadcasting outlet in Madagascar, heard here with mostly poor signals the first day on 17640 kHz. Now temporarily off the air due to technical trouble. Iran IRIB planning to Close down SW transmitters but they have asked for listeners' opinion and are still heard on 9665 kHz in English.

Recent **QSLs: SDXF from Sala 6060** e-mail card v/s Gert Nilsson also with nice letter; **IRIB Tehran 6040** card, letter, printed matter and "Certificate of Merit" after one month; **Atlantic 2000 6070** via Channel 292(G), e-mail card, letter and info sheet.

Yes, Thomas, that was the log! It is perhaps not so silly with inactive periods, then there will be some new experiences when they come back ... and I've talked with CB and we agree that there is still certainly plenty to listen to! 73 and nice weekend!

Robert Wilkner: Mosquito Cost DX News 9 April 2016. Worst two weeks in memory on the tropical bands. High levels of noise combined with poor signals. Hopefully this will improve in the next fortnight. Cheers to all DXers of goodwill. 73, Bob

Log

(UTC)

2380	Mar31	1010	Radio Educadora de Limeira , Limeira / SP , Brazil. OM Falando sobre uma doutora. https://www.youtube.com/watch?v=HbaG5YEwKnM&feature=youtu.be (Daniel Wyllyans Nova Xavantina MT Brazil via HCDX)
2598U	Apr8	0055	S4 YL voice in French, which per Canadian CG website http://www.ccg-gcc.gc.ca/Marine-Communications/RAMN-2015/Part-2-Atlantic-Facilities-Information is, starting at 0048, MCTS Placentia, VCP via St Lawrence site (in SE Nfld Island), with ``Technical marine synopsis, forecasts and wave height forecasts for marine areas: 231, 232, 233, 234, 235, 236, 237 and 238. Weather and Wave height forecasts for marine area 213.`` And nothing about it being bilingual like some other entries. Routine check of the CCG frequencies around sunset here, not really expecting to pull them thru increasing spring noise level, but also: 2749-USB, April 8 0056, also S4 signal but sounds slightly weaker, in English. This one is, starting at 0040, MCTS Sydney, Nova Scotia, VCO via Port Caledonia site, with ``Radiotelephony --- Technical marine synopsis and forecasts for marine areas: 209, 213, 214, 215, 216, 217, 218, 231 and 232. Wave height forecasts for marine areas: 209, 213, 214, 215 and 217. Notices to Shipping in areas Cape Breton Shore (covering Cabot Strait to Banquereau Bank), Gulf of St. Lawrence, Newfoundland South Coast, P.E.I. and Miramichi Bay. Notices to Shipping revising the position of every reported offshore exploration and exploitation vessel`` (Glenn Hauser, OK)
3260	Apr3	-1215*	NBC Madang, 1131-1200*, *1204-1215*. In Tok Pisin/Pidgin with what seemed like religious program (religious songs?); ID 1159; audio ended 1200* and then just dead air (open carrier). Was disappointed, as was hoping to hear a certain Sunday show. Fortunately I did not tune away, as at *1204 the audio came back on with Stacy Rose's distinctive voice with the intro to her "Island Praise" syndicated (Florida, USA) Sunday show of pop Caribbean gospel music (reggae, soca, calypso, hip hop gospel, etc.) till suddenly off at 1215*. Very pleased to hear her unique show again! BTW - Did not hear // NBC Bougainville (3325) at 1204, as they were not on the air then; they usually cut off their broadcast just before 1200 (April 2 closed down at 1157*). (Ron Howard, San Francisco at Ocean Beach, CA, USA)
3289.83	Apr8	0840	Voice of Guyana om in English with pop rock music, narrow filter needed; disturbed signal (Wilkner)
3289.98	Mar16	0936	V.O. Guyana extremely low audio w/mx. Seems to be having trouble w/their audio lvls or modulation lately. (Dave Valko Dunlo, PA, USA)
3310	Mar14	1007	R. Mosoj Chaski pleasant camposino mx, 1010 W anncr on in Quechua w/ment of Cochabamba and provincial. 1016 canned anmnt by alternating M and W ending w/singing "...el Corazon". Then another canned anmnt by same M and W alternating. Would have been quite readable if not for the static QRN. (Dave Valko Dunlo, PA, USA)
3310	Apr3	1025	Radio Mosoj Chaski, Cochabamba noted in Quechua om and yl, no music. I (Wilkner)
3320.00	Mar26	2140	PBS, Pyongyang Korean talk, martial music (AP-DNK)
3320.00	Mar25	2345	R Sonder Grense, Meyerton Afrikaans talk, music (AP-DNK)
3325	Apr4	1200	RRI Palangkaraya. Time pips; Jakarta news; clearly // RRI Makassar (4749.95), but RRI

			Merauke (3904.98) too weak to confirm (mostly just open carrier); news ended 1221 with UNID patriotic song (not the recently heard "Garuda Pancasila," nor the often heard "Bagimu Negeri") (Ron Howard, San Francisco at Ocean Beach, CA, USA)
3325	Apr4	-1216*	NBC Bougainville, 1020 & 1216*. Weak; underneath RRI Palangkaraya, which mostly dominated the whole time; NBC running a little bit longer than usual (Ron Howard, San Francisco at Ocean Beach, CA, USA)
3370	Apr8	0845	Harmonic, strong signal in unid language, has been noted before. (Wilkner)
3375.07	Apr4	0948	R. Municipal. Decent signal at 0948 w/ad block ending w/clear ID and ment of ondas tropicais freq at 0951 and into ZY Pop song. Not quite as good as in the 3rd week of March, but much clearer. (Dave Valko Dunlo, PA, USA)
3905	Apr2	1309	RRI Merauke from Perseus site in Edmonton from 1309 tune with nice S3+ to S4 signal and ARO QRM. Man ancr (Indo) and Indonesian ballads to 1317 then woman ancr and light inst music to 1319 fol by man ancr and more music incl a female vocal. Program continued in this vein for the 59 min I recorded the bcst with little degradation to past 1405 despite the gray line being well past Edmonton at this time. If it weren't for persistent LSB ARO adj-ch QRM, program would have been armchair quality, but still above normal. (Bruce Churchill via DXplorer)
3915.00	Mar30	2210	BBC, via Kranji. EE talk, screaming people from terrorist attack in Lahore. (AP-DNK)
3920	Apr7	1700	Presumed KCBS Pyongyang noticed on April 7, around 17:00 UTC - 0704201618196 3920 kHz - KCBS Pyongyang reactivation? Currently Korea is marked as off the air on 3920 kHz in Aoki database list. I have never heard it here, maybe, they decided to reactivate the transmitter on this frequency. It was like a test transmission. (Best regards, Eduard via DXLD)

A-12 entry in Aoki Nagoya datalist: 3920 KCBS Pyongyang 2000-1800 1234567 Korean 5kW ND Hyesan KRE 128 02 E 41 04 N KCBS. At 2120 UT April 8, only heard 3912 and 3985 on remote unit in Thailand SoEAsia. (73 wb df5sx)			

4055	Apr9	0547	Thanks. Fair signal also here in Finland now on April 9 at 1600. Not necessarily Hyesan, could also be Wonsan or Kanggye, which are not on the air. (73, Mauno Ritola) Radio Verdad, Chiquimula, religious songs in English, comment, id in Spanish: "Transmite la estación cultural evangélica Radio Verdad, Chiquimula, Guatemala...". (Méndez)
4350	Apr4	1034	Found someone here playing C&W mx at 1034. Fairly strong but distorted and cutting out a lot. In fact it was cutting out longer and longer as time went by and was only audible for a split second abt once a min. by 1050. Didn't hear it at all after 1100. Any ideas who this would be?? Here's a link to a Youtube video of the reception. (please use 480p setting); https://youtu.be/7_O93axYOTc (Dave Valko Dunlo, PA, USA)
4747.5	Apr6	2320	Radio Huanta 2000 Huanta Ayacucho, one quick ID by om (Wilkner)
4747.6	Mar21	1028	R. Huanta Dos Mil feature w/long actuality from a meeting of some sort. M host in Quechua. 1033-1035 ad/promo block w/phone number, and ments of Huanta, and R. Huanta Dos Mil. Into feature w/W anncr mixe (Dave Valko Dunlo, PA, USA) d w/mx from 1035 to at least 1049. Faded really quickly between 1045-1050 and was barely audible at 1051. Nice signal on par w/Tarma. Just too bad this is right in the middle of the strongest CODAR. (Dave Valko Dunlo, PA, USA)
4750.00	30.3	-2145*	RRI Makassar (tentative) Talk in Bahasa Indonesia (tentative - not in Chinese!), abrupt s/off (AP-DNK)
4750.00	30.3	*2153-	Voice of China, Hailar Chinese talk // 4800. (AP-DNK)
4765	Apr9	0318	Radio Progreso, La Habana, English and Cuban songs. (Méndez)
4766.0	Mar28	1144	Strong open carrier. Jim Young (Calif.) informed me today "Have been listening to this O/C for hours this AM while working. Ever-so-often, I hear the tell-tale RTTY come on....very infrequently! Still at 1436." Thanks to Jim for solving the mystery! Afraid I did not have the patience to listen to this OC for hours (Ron Howard, Asilomar State Beach, CA, USA)
4774.91	Apr4	0956	R. Tarma. Signal on at 0956:35, deadair, then usual s/on routine, and into "Musica Folklorica Nacional" pgm. Good w/CODAR QRM. (Dave Valko Dunlo, PA, USA)
4785	Apr4	0953	R. Caiari usual morning pgm w/deep-voiced M hosting (rel.??). 1002 nice clear canned ID promo by M, then ad block. Nice singing ID jingle in promo at 1006, ZY Pop briefly, then live M DJ, and into mx. Good but fading w/CODAR QRM of course. (Dave Valko Dunlo, PA, USA)
4790	Apr5	1241	BBC Uzbek. Thanks to Hiroyuki Komatsubara (Japan), who today (April 4) provided this info: "-1305- 4790kHz, Noise Jamming + CNR-1 4970kHz AIR only add; -1330* Jamming off, BBC could not be confirmed." Seems China finally noticed they had been on the wrong frequency (CNR1 jamming on

4970) for about the past three months now. Hiroyuki was not sure just when this happened, but he just noticed it today for the first time. Well done Hiroyuki ! April 5 was able to confirm his observations; at tune in at 1241, found CNR1 jamming already on 4790 (// 6125); also with strong CODAR QRM; unable to hear BBC. On 4970 only heard AIR Shillong. (Ron Howard, San Francisco at Ocean Beach, CA, USA)

4805.01	Mar16	0934	R. Difusora Amazonas Came on sometime between 0934-0955. 0957 tlk by M sounding like nx w/ment of Amazonas and Manaus. Ad block 1000-1002, 1 w/website and 1 w/phone, and also an official ID, pgm promo, then M returned. Good. (Dave Valko Dunlo, PA, USA)
4810.00	Mar25	1750	Armenian Public R, Noratus, Gavar. Farsi talk, 1803 piano music and Armenian songs - best in LSB, 1815-1830 Fanfare, Arabic ID: "Yerevan, Huna idha'at Jumhuriyat al-Yermaniyah min Yerevan", frequency ann, ann, news, 1826 Armenian song. (AP-DNK)
4810.27	Mar23	0105	AIR Bhopal Hindi ann, Indian songs. CWQRM (AP-DNK)
4835	Mar16	0930	ABC Local Radio, Alice Springs 0930 usual fanfare and into nx by W. Later, 0957 "Smooth Operator" by Sade. 1001 song anmnt by M, ment of upcoming song, ment of ABC, feature presented by W at 1003. Fair and not much QRM from WWCR. (Dave Valko Dunlo, PA, USA)
4835.00	Mar30	2130	VL8A, Alice Springs, NT English conversation about Northern Territory. (AP-DNK)
4875.12	Mar16	0919	R. Difusora Roraima phone-in tlk pgm hosted by M DJ taking a lot of callers. 1005 full canned ID by M, the live M DJ w/"Bom dia Roraima". Very nice signal. (Dave Valko Dunlo, PA, USA)
4885	Mar30	*1157-	Echo of Hope - VOH. Briefly on and then a minute of dead air and then audio again; good signal, but today OTH radar; this station has not been jammed yet; most days with 1215 and 1315 ID of "V O H" (Ron Howard, Asilomar State Beach, CA, USA)
4885	Mar27	0607	Radio Clube do Pará, Belém, program "Eu e Você na Madrugada", comments and Brazilian songs, id. "Radio Clube do Pará...". (Méndez)
4885	Apr8	0840	Radio Clube do Pará, Belém, PA pops and covers for English rock songs (Wilkner)
4885.02	Mar16	1000	R. Clube do Para, complete ID by M, brief anmnt, time ticks, canned anmnt, then "Bom Dia" followed by "Bom dia Para, bom dia Belem". Good signal but CODAR QRM and static QRN. (Dave Valko Dunlo, PA, USA)
4940.00	30.3	-2100*	VOA, Pinheira. Hausa talk mentioning several African countries, ID, music. (AP-DNK)
4949.8	Apr9	1844	Radio Nacional, Mulenvos, African songs, comments, id "Radio Nacional de Angola transmitindo desde Luanda, ondas curtas, banda de 25 metros, 11955 kHz, banda de 60 metros, 4950 kHz, onda media...", news. (Méndez)
4965	Mar16	0919	R. Alvorada. Live M anncr at 0919 t/in w/ment of Manaus. Some singing, TC, and ment of programa. ZY Pops. 0933 full canned ID by M, and canned ad/promo block as usual. Much better at 0959 w/ad block and ment of Amazonas. ID of several "Alvorada"s w/ment of Amazonia, then intro and pgm "Journal Alvorada". One of the best signals hrd from them on a good ZY morning. (Dave Valko Dunlo, PA, USA)
4965	Apr3	0950	Radio Alvorada, Parintins yl introducing instrumental music (Wilkner)
4985.01	Mar16	0919	R. Brasil Central. Lively ZY Pops w/usual RTTY on each side. 0922 M anncr in PT, mx briefly, and more tlk, and back to mx at 0924. Canned ID by M at 0932, another anmnt or 2, then back to mx at 0934. Nothing on 11815. (Dave Valko Dunlo, PA, USA)
4990	Apr8	0905	Radio Apintie, Paramaribo om in Dutch fading in and out (Wilkner)
5050	Mar30	1300	Beibu Bay Radio. The Aoki database shows this as being in Thai 1300-1400, but my recent observations differ and I also confirmed again on March 30. Most of the 1300-1400 time period is in Chinese, with the exceptions of a brief segment (starts about 1320) that is in English and Chinese; starting with ID in English (seems to be "Hi everyone. This is Beibu Bay Radio, the Voice of Guangxi, China") and short talk about some current item of interest; segment in Thai 1330-1345 with announcer in Thai, some Thai pop music and a language lesson in Thai (also with Chinese); 1345 back to Chinese. This format seems fairly regular. (Ron Howard, Asilomar State Beach, CA, USA)
5066.3	Apr8	1848	Radio Tele Candip, Bunia, African songs. (Méndez)
5350	Apr7	1720	Nauen Media Broadcast Co via Nauen (Paszkievicz-WI)
5857.51	Mar27	1308	UNID, AM very poor signal with talk, voice sounds YL. No doubt it's HLL2, Seoul, which provides metric weather info in English, as logged by Ron Howard March 6 at 1217. Far enough from 5850 WRMI not to be a problem. Does not qualify as a broadcaster for WRTH listing. Aoki won't deal with split frequencies so puts it on 5858: "HLL Seoul Meteorological Radio 0000-2400 1234567 Korean/Japanese/English/Chinese 3 kW ND Seoul" (Glenn Hauser, OK)
5875	Apr7	1345	Strong digital scratch JAMMING AGAINST BBCWS from Thailand noted in broadband range 5869.8 to 5880 kHz, but BBC is ahead and can be text identified, but much annoying for the listener. (73 wb)
5910	Mar18	0256	R. Lead Africa (via Meyerton). Found w/M vcl at 0256 for abt 15 sec. then OC. Don't

			think it was Alcaravan going off as the signal never disappeared. Audio finally up at 0304 w/Afro Rap mx, then tlk by M in vern. starting at 0307 w/ments of Uganda and possibly "government". Would've been OK but just massive slop QRM from S9+50 WHRI on 5920. (Dave Valko Dunlo, PA, USA)
5914.9915	Apr7	1350	Myanma Radio Nay Pyi Taw noted at powerful S=9+25dB level, hot pop music with saxophone performance7. (73 wb)
5915	Apr4	1111	Myanmar Radio. In vernacular; reception in the clear before the *1158 sign on of CRI. (Ron Howard, San Francisco at Ocean Beach, CA, USA)
5935	Mar30	-1400*	Shiokaze. Shiokaze "JSR" ID before 1400*; then confirmed *1405, but Hiroshi indicates today's program was "Hometown of the Wind' Japanese broadcast of the Japanese government production." Had thought Shiokaze was running an extra half hour of their program, but perhaps not. Need to check with Hiroshi's website (in Japanese) to tell what is happening here, as he monitors daily (http://goo.gl/sGLLJr). Cut & paste Japanese into Google translator (Ron Howard, Asilomar State Beach, CA, USA)
5950	Apr8	1808	Voice of Tigray Revolution, Addis Ababa, East African songs. (Méndez)
5952.4	Apr3	1022	Pio XII, Siglo Veinte, fair signal with what seemed a radio play with children's voices (Wilkner)
5980	Apr4	-0104*	R Chaski, -0104:13.5* approx., new reset autocutoff time of R. Chaski, expected to recess ~6+ seconds later per day for the next months to come. (BTW, if one could axually hear the programming, it would be not only Red Radio Integridad, but also Radio Transmundial via RRI via Chaski, as reported by Claudio Galaz and Daniel Wyllyans) (Glenn Hauser, OK)
5984.9995	Apr7	1352	Even frequency likely from old empire bcast center at Yangoon Yegu site, S=9+25dB signal, male + female Burmese presenter talk. (73 wb)
5985	Apr4	*1130-	Myanmar Radio. Suddenly on; in vernacular; weak, but clear frequency. (Ron Howard, San Francisco at Ocean Beach, CA, USA)
5995	Mar25	0701	Radio Mali, Bamako, French, identification, news "Le journal". (Méndez)
6024.96	Mar30	1000	Red Patria Nueva, middle of ad/promo block at t/in, 1001 5 plus 1 long time ticks. Included some nice ID promos. Ended with the usual promo mentioning Bolivia at beginning of each sentence. Good signal but some slop QRM from 6030 Marti and jammer. (Dave Valko Dunlo, PA, USA)
6030	Apr9	1845	Radio Oromiya, Addis Ababa, East African songs and Vernacular comments. (Méndez)
6035.05	Apr5	-1215*	BBS. Mixing with slightly stronger PBS Yunnan (6035.00); 1212 & 1214 BBS briefly with indigenous instrumental music till suddenly off, leaving PBS in the clear (Ron Howard, San Francisco at Ocean Beach, CA, USA)
6035.053			[Non] odd frequency BTN BBS Thimpu, not on air at 1354 UT, nothing heard here on remote SDR unit in eastern Thailand location. (73 wb)
6050.026	Apr7	1320	Strong signal from RTM Kajang, proper strong station identification as 'Radio Malaysia' at 13.27:20 UT. Scheduled as RTM Asyik FM, S=9+35dB or -42dBm. Nothing heard from Kajang on 5965 or 7295 kHz today. RTM Sarawak FM, only S=8-9 at 1328 UT. RTM Wai FM, S=9 or -71dBm at 1330 UT. All heard on remote SDR unit in eastern Thailand. (wb)
6050.030	Apr4	1305	Very poor S4 signal with music, talk, presumed Asyik FM, which recently reactivated SW. A biday ago, Ron Howard had it on a slightly different but still plus offset: ``6050.05, Asyik FM via RTM, 1140, April 2. Seems they have straightened out their problems and are now back to normal transmissions; in vernacular and pop songs; singing jingle IDs`` (Glenn Hauser, OK)
6050.05	Apr2	1140	Asyik FM via RTM. Seems they have straightened out their problems and are now back to normal transmissions; in vernacular and pop songs; singing jingle IDs. So inactive RTM stations remain Radio Klasik (with new A16 schedule, is again a clear frequency for a much longer period of time without CRI) on 5965 and Traxx FM on 7295. While Sarawak FM (9835) and Wai FM (11665) are still on the air as usual (Ron Howard, San Francisco at Ocean Beach, CA, USA)
6065	Apr2	*0258-	AWR (Talata-Volonondry). Just breaking the noise level w/ Adventist World Radio IDs, trumpet IS, quick inspirational chat in (p) Malagasy & hymns..ACI from CFRX, oddly enough. (Dan Sheedy)
6105.35	Apr8	0011	JBA carrier, suffering from 6115 WWCR splash, lessened by LSB tuning. Probably R. Panamericana, and perhaps activated to cover a silly ballgame? (Glenn Hauser, OK)
6110	Apr8	1827	Radio Fana, Addis Ababa, East African songs. (Méndez)
6125a	Mar20	0931	UNID Station in Indonesian with popular vocals, announcements till off abruptly at 0942* 20/3. Measured frequency 6125.236 kHz. Possibly RRI Nabire in Papua reactivated. Not // CRI which has Indonesian at this time (Bryan Clark at Convention 2016, Moe-raki, North Otago, New Zealand, April NZ DX Times via DXLD)

Nice finding Bryan. CHINA 6125 channel checked remotely at SDR unit in Brisbane Australia at 1010 UT on April 6, was a little too late to fetch RRI Nabire INS? Only CNR1 older 100 kW unit at Beijing covered on channel, exact measured on 6124.997 kHz, S=6 or -88dBm fair signal noted in Queensland, and observed also on 17 // CNR1 channels too, at this time slot, on 6030, 7230, 7305, 9500strong, 9645, 9830, 11710, 11720, 11760, 12045, 13610, 15370, 15380, 15480, 15550, 17550, and 17890 kHz. (73 wb df5sx)

6129.999	Apr7	1359	Lao National Radio, Vientiane site, nice S=9+20dB or -53dBm signal. Male program presenter. (73 wb)
6134.82	Mar16	0949	R. Santa Cruz, nice signal w/couple canned IDs and into LA ballad. Slight het from obvious Aparecida on 6135.21. (Dave Valko Dunlo, PA, USA)
6135.00	Apr7	0551	Open carrier, what's this? 0553 comes to life with undermodulated YL saying ``BBCHA-usa.com``, as scheduled 0530-0600; slight het on hi side, Aparecida? (Glenn Hauser, OK)
6135	Apr9	1900	UNID Jammer. On 6135 kHz there is a jammer before and after 19.00z. From what country and what station is being jammed? (UQ)
6135.2	Apr8	0840	Radio Aparecida, Aparecida, SP weak signal in with PT programming, nothing from Radio Santa Cruz same time (Wilkner)
6150	Mar28	0305	MWV/"Voz Alegre" [Madagascar site?]. Fair signal w/ SP programming, several "Voz Alegre" IDs, program promotional info..not heard 31 March-2 April, however..poor propagation, still testing or transmitter problems? (Dan Sheedy)
6160.03	Mar16	0951	R. Rio Mar. Surprised to find CKZN inaudible. Rio Mar not on by 0951, but was found later at 1007 w/soft PT rel. vcl songs. Caught the usual shouted ID by M at 1025:10, and back to mx. Lucky to ID as it was fading. (Dave Valko Dunlo, PA, USA)
6164.993	Apr7	1356	Thazin Radio, from Pyin U Lwin northern bcst center site, S=9+40dB signal heard in eastern Thailand remote unit. Strongest Myanma R station signal of all. Light male native mx singer performed. (73 wb)
6165	Mar29	0548	Can still detect another slightly offset carrier under RHC, presumed RNT. Also March 30 at 0546, fast SAH from understation (Glenn Hauser, OK)

			Yes, presumed Chad also there in the evening, in the clear from 1900 in Europe, and today signing off between 2159 and 2203. Modulation is very weak and I can only judge by the general impression from the talk that it is likely Chad. (73 thorsten Hallmann via DXLD)
6165	Apr8	0522	RHC again with that LAH caused by RNT a few Hz away, but much weaker and can't copy anything from it. (Also: no signal on 6115 now from Congo, or Japan) (Glenn Hauser, OK)
6170	Mar27	1303	RNZI with cricket news, on new A-16 frequency, ex-9700 which is vacant. Having just signed on, it's sufficient at S9+20, but in a sesquihour it's faded into the noise unlike 9700 would have. Bad for us and will only worsen into our growing summer dayside. North Korea was occupying 6170 until today, nice coördination (Glenn Hauser, OK)
6180	Apr9	0602	Radio Nacional da Amazonia, Brasilia, Brazilian songs, id. "Radio Nacional da Amazonia", comments. (Méndez)
6180	Apr9	0009	RNA. Back on 6180 (as close as i can tell on the E5) after lurking around 6181 a couple days ago..//11780 w/ what sounded like a radio-thon (a tele-thon without pictures, hi) w/ phone #s, occasional calls from contributors & zippy DJ chat, infrequent MPB songs & nice AM/SW/FM ID @ 0100 followed by "Nacional Informa" news. (Dan Sheedy, Encinitas, CA)
6180.03	Apr9	0031	check, RNA is finally back in whack, almost on-frequency, good modulation, no self-spur het (Glenn Hauser, OK)
6180.58	Apr8	0014	RNA is S9+40 and now on in our evenings, perhaps 24h. Includes weak lo het from 6180.70, apparently self-generated parasite spur 120 Hz (2 x 60) away from peak, which Wolfgang Büschel has also detected (Glenn Hauser, OK)
6180.88	Apr5	1023	R. Nacional da Amazonia Found on this off-freq at 1023 w/apparently "Reporter Brasil" pgm hosted by W and M in PT, which was parallel to 11780.1. Not very strong, but then again it was fading. 11780.1 was getting better. I guess this is a reactivation as I haven't hrd it in a long time. Here's a link to a Youtube video of the reception https://youtu.be/40GWq3x4Sq0 (Dave Valko Dunlo, PA, USA)
6184.986	Apr6	2345	Neighbour XEPPM México City at S=7 level in Florida. (73 wb)
7120	Apr8	1803	Radio Hargeisa, Hargeisa, Vernacular comments, East African songs. (Méndez)
7199.997 5	Apr7	1404	Myanma Radio from old empire bcst center at Yangon Yegu site, S=9+40dB or -36dBm signal, male Burmese presenter, and easy listening Karaoke like amateurish performance pop mx singer. (73 wb)
7200	Apr2	-1300*	CNR1 jamming. With the new A16 schedule, they are now signing off at 1300* (ex: 1400*), just after their time pips (RTI signs off just before 1300). This makes it possible

			to now check after 1300 for Myanmar Radio on 7200.09 (Ron Howard, San Francisco at Ocean Beach, CA, USA)
7205	Apr9	1912	Sudan Radio, All Atihab, Arabic comments. At 1922 eclipsed by Voice of Iran in Italian. (Méndez)
7200.104	Apr5	1314	Myanmar Radio. In vernacular with pop songs; this reception now possible at this time as CNR1 jamming had already signed off. Thanks to Wolfy for his March 23 measurement. (Ron Howard, San Francisco at Ocean Beach, CA, USA)
7324.95	Apr1	0900	Wantok Radio Light. NBC news in English; // NBC Bougainville (3325). Later at 0931 with promotional spot for "Ninety-Nine Ltd., is a company that introduces natural health products to keep the family healthy and strong. We also give free health education nation wide," which is the sponsor of "Focus On The Family" program that followed; CRI transmitter turned on at 0953 (not the usual 0957). So have all the CRI transmissions been re-programmed with this new xx53 time, instead of xx57? (Ron Howard, San Francisco at Ocean Beach, CA, USA)
7325.0	Mar30	-1253*	CRI again noted signing off early; then faint open carrier from presumed Wantok Radio Light (PNG) on 7324.95 (Ron Howard, Asilomar State Beach, CA, USA)
7345	Apr4	1112	Myanmar Radio. Weak under a strong CNR1. (Ron Howard, San Francisco at Ocean Beach, CA, USA)
7502	Mar28	*1300-	Xing Xing guanbo diantai 4 (Kuanyin). Tootly Chinese tune to open, nice "Xing Xing guangbo diantai.." ID followed by CH number groups. (Dan Sheedy)
7610	Mar27	1847	Red Beacon R. Tnx John Herkimer tip, found here at 1847 w/Metal and Hard Rock songs. Audio cutting out a lot at 1902, deadair, then anncr came on at 1904 mentioning the "...DJ is having an issue..." and said it was he'd like someone to set up a live stream and use his gear. Then back to Hard Rock mx. 1906 t/out. (Dave Valko Dunlo, PA, USA)
9275.03	Mar17	1834	WMLK preaching by M, but just not strong enough to be audible. Thought they were long gone. Tnx Ralph Perry tip. Obviously in the dead zone here. (Dave Valko Dunlo, PA, USA)
9480	Mar30	0359	African Pathways Radio tune with armchair-quality signal into Fallbrook. The carrier first appeared at about 0359:15 and at 0400 I heard trumpets playing an opening tune followed by a man announcer with "Welcome to African Pathways Radio" and an introduction of the co-hosts including Henry Huffard. Opening announcements went on with the broadcast's program schedule. Then a song was played from Guinea until 0407. Then I heard another song on a marimba introducing a new program "Pathway to Happy Homes" about marriage opened by an African man and woman. The program was narrated by another American couple. An e-mail address was given as Amifradio@gmail.com . The program was closed by 0412 by the African man and woman who opened the show. Then I heard John Reed, President of World Bible School talking about Bible courses. At 0415.5 another program started "Immersed in Life", narrated by a man and talking about children until 0424. This was followed by a very lively African vocal to 0429 and then a program "This Day in History" narrated by a man. (Bruce Churchill via DXPlorer)
9510	Apr9	0820	IRRS Milan via Bucharest. Good with musical pgm, only Sat. (UQ)
9514.98	Mar17	2345	R. Marumby Caught the usual singing jingle ID at t/in around 2345, then apparent continuation of nx pgm w/M and W in PT. Suddenly off in mid-sentence at 2351:07. Nice signal and other 31mb ZYs noted same time; 9819.276 Novo de Julho, 9724.898 RB2, 9664.937, Voz Missionaria, 9645.395 Bandeirantes, and 9629.937 Aparecida. (Dave Valko Dunlo, PA, USA)
9525	Mar28	1301	VOI. In English with ID and news; 1313 the 8 questions for the "Wonderful Indonesia-Quiz" (http://goo.gl/QWk6Xi); semi-readable. In the past had heard their Monday "Exotic Indonesia" program, but not on today. Wonder what the current EI schedule is? (Ron Howard, Asilomar State Beach, CA, USA)
9570	Mar27	1802	Madagascar World Voice med ryska till östra Europa hördes bra. 4 (CB)
9600	Mar31	0000	Madagascar World Voice was observed signing-on at 00:00 UT on 9600 kHz, as follows: "From the beautiful region of the Indian Ocean, this is Your New Life Station [I take that capitalisation from references on the KNLS website "What's Going On?" page] This transmission starts in one minute". After promised minute of the 'Chariots of Fire' IS (as used by KNLS) came their signature tune and introductory announcement: "From the top of the world and from the beautiful region of the Indian Ocean, this is Your New Life Station, broadcasting over the air and online". It seems that World Christian Broadcasting's new station identification varies according to language and target area - I've only observed the 18:00 transmission in Russian IDing on air as "MWV" and "Madagascar World Voice". The 18:00 UT broadcast in English to Africa (17640 kHz) IDs as "African Pathways Radio" whereas the 00:00 UT English to India is "Your New Life Station". It'll be interesting to know how the Arabic, Chinese and Spanish broadcasts identify. Later

today I'll be uploading examples of these various IDs to Interval Signals Online. (David Kernick, Interval Signals Online)

On 27 March around 1940 while briefly checking their Arabic broadcast on 11945 I heard them giving ID something like "Radio Feda" or "Radio Veda" or similar. Unfortunately I didn't record at that time. Maybe just a program name. Btw, are they producing all programs by themselves or is there also some brokered stuff? Well, I sent an inquiry to MWV about their Arabic ID. It is Radio Feda, meaning of Arabic word feda is redemption. The reply came from Tony, contact@radiofeda.com and it seems the website radiofeda.com is not yet up. (73, Jari Savolainen via DXLD)

9635	Mar25	0803	Radio Mali, Bamako, French and Vernacular comments. (Méndez)
9645	Mar25	0710	Radio Bandeirantes, Sao Paulo, comments, English and Brazilian songs. (Méndez)
9665	Apr1	1940	IRIB Tehran Iran EE closing 2020. Other frequencies not heard. About the Iranian New Year, Nevruz. Heard Daily 1920-2020, signals from weak to strong, variable. (UQ)
9730	Apr4	1117	Myanmar Radio. pop music; 1128 usual singing ID with frequencies; 1129* suddenly off. Did not hear Sound of Hope (Taiwan), which in the past was often noted here (Ron Howard, San Francisco at Ocean Beach, CA, USA)
9745			[Non] Voice of Han. As of April 3, has not been heard in over a year, so think we can safely say is permanently inactive; Aoki agrees and is no longer listing it, although per WRTH update - 10 April 2015 - "Voice of Kuanghua is inactive on 9745 kHz, but expected to return after antenna maintenance," but surely if so the work would have been completed within one year? (Ron Howard, San Francisco at Ocean Beach, CA, USA)
11615	Mar27	2100	Madagascar World Voice med kinesiska till västra Europa. Inledde med anropssignalen för KNLS. 4 (CB)
11670	Apr3	1915	All India Radio, not listed here, fair, // 7550 much stronger. Women, Children and family conversation. (UQ)
11730	Mar31	1825	R. Belarus w/ final German bcst noted today (3/31) from Perseus site in NJ from 1825 tune to past 1920. Signal started at S2 but gradually improved to S3 with hvy QSB. Signal peaked around 1900-1905. News by woman at 1901 to 1913. Inst music fol by another woman ann at 1913. Song by woman at 1916. Also hrd from Edmonton at (but w/ hvy coch QRM from Zanzibar on 11735) and Brisbane Perseus sites. At 2015 tuned the (final?) SS bcst from the Perseus site in Madrid. Man w/ frequencies at 2015 fol by a music selection. At 2020 the EE bcst was opened by a man ancr with a Radio Belarus ID fol by news to 2032. This was fol by frequency anmts given by man that did not mention end of broadcasting today and seemed to be only for the home service relay. Song by man about Belarus at 2035 fol by feature program at 2040 "Belarus in the World Community" narrated by a man. R. Belarus off suddenly at 2100 in the midst of a Belarusian folk melody. Monitored from Perseus site in Madrid with S5+ signal to 2100*. Scheduled to 2200 in EE. Not sure if we confirmed today as last day of broadcasting on SW, considering earlier anmt on frequencies in the EE svc... (Bruce Churchill via DXPlorer)
11730	Mar31	2100	R. Belarus off suddenly at 2100 in the midst of a Belarusian folk melody. Monitored from Perseus site in Madrid with S5+ signal to 2100*. Scheduled to 2200 in EE. Not sure if we confirmed today as last day of broadcasting on SW, considering earlier anmt on frequencies in the EE svc... (Bruce Churchill via DXPlorer)
11780	Mar23	0905	Radio Nacional da Amazonia, Brasilia, Brazilian songs, comments, id. "Radio Nacional da Amazonia". (Méndez)
11780.095	Apr6	2340	Checked at 2340 - 2348, R. Nacional da Amazonia in Europe and at Florida remote posts. S=6-7 in Europe, S=9+15dB in Florida USA remote unit, but also main string on \ 6180.047 kHz, not stable which wandered some 3 - 5 Hertz up and down and there are two accompanied spurious signals on plus/minus 120 Hertz either side. S=9+15dB in Florida at station ID given at 0000 UT April 7th. (73 wb)
11870	Apr9	0830	KNLS Alaska fair with strong polar flutter. (UQ)
11925.15	Apr2	0011	Radio Bandeirantes. Very happy to catch these guys, although at a very weak level with lots of announcements/ads, DJ chatting through some of the music, loud/yelling station promo @ :30 after TC, nice multiple-frequency ID @ 0100 followed by a Brazugese version of Sinatra's "My Way" ../9645a [also very weak, but clear after CNR1 jammer v. VOA on 9645 closes @ 0100 (Dan Sheedy)
12015	Apr1	1930	Voice of Korea, Pyongyang, German transmission with march Music. Good signal, 7570 kHz in parallel very weak. (UQ)
15235	Apr8	1700	Channel Africa, South Africa, good with news "Africa Digest". (UQ)
15515	Apr9	1618	ANTI Milano. Saturdays only in Oromo. B16 shows via Milan (Paszkievicz-WI)
15550	Apr8	1800	Abu Dhabi Media via Dhabayya (Paszkievicz-WI)
15730	Apr8	0550	Came across on the Radio Pakistan Islamabad signal, of their UTC morning sce to NE/ME to serve their national workers mainly in Arabia target. When heard at 0550 UT,

signal was strong and overmodulated, at S=9+30dB or -43dBm strong powerhouse. Signal was much BROADBAND at 15706 to 15754 kHz frequency range. At 0557 UT the final power amplifier broke down, and signal decreased to poor S=5 or -82dBm strength. But final powerful unit 'came back' at 0604 UT, heard in Greece and southern Italy too, at S=9+15 or -63dBm strength. At 0600 UT heard their time pips and international news read by lady presenter. (wb, wwdxc BC-DX TopNews April 8)

17640 Mar27 1800 Premiärsändningen från World Christian Broadcasting från Madagaskar på 17640 kHz 1800-1900 UTC i kväll hördes med dåliga signaler, men efter en halvtimme blev den tidvis helt uppfattbar. Mycket prat på engelska och afrikansk musik. Roligt med en ny station bland alla nedläggningar! (UQ)

17640 Mar27 1800 Madagascar World Voice med engelska till Västafrika. Något speciellt stationsnamn uppfattades inte. 2-3 (CB)

17640 Mar30 1857 sign-off announcement mentions only this 18 on 17640 and 04 broadcast on 9480, which we have found to be duplicates, as the other English broadcasts are not from ``African Pathways``; brief OC and off (Glenn Hauser, OK)

That's no surprise as the other broadcasts are aimed at India. It's very likely the daily English hour otherwise heard on KNLS aimed at an Asian audience (<http://knls.org/whats-going-on-ab.html>), while African Pathways is another branch of WCB (<http://www.africanpathways.org/>). (73 thorsten Hallmann via DXLD)

17640 Mar27 1802 World Christian Broadcasting Madagascar EE very weak but coming up after 25 minutes. Nice and varied pgm contents. First broadcast from new site. (UQ)

17640 Apr2 0530 Radio Thailand EE news, development and economy, stress on the Royal Family actions for the nation... Fair strength, excellent audio. C/d 0600. (UQ)

17640 Mar29 *1800- African Pathways Radio, Madagascar, 1800, s/on in EG at 1800 after fanfare with African Pathways Radio ID, a program annmnt appeared to follow, but it was difficult to understand due to heavy QRN from local storms, then into a rather lengthy musical selection which appeared to be some sort of local mx with drums, but again difficult to interpret due to the QRN, good signal but heavy QRN. (XM)

SW log of March 30 at 2130-2330 UT on March 30 here in Germany, Europe.

9420.006 GRC and 9934.964 GRC Greek foreign radio from Avlis in Greek language noted at 2115 UT on March 30. 9420 as usual S=9+25dB or -44dBm signal strength most probably on 323degr antenna towards WeEUR and North America. Only S=9+5dB or -66dBm at later 2306 UT on March 30. But 9935v kHz seemingly on reduced power at the 285degr antenna on S=8 or -78dBm strength. Latter as usual carried the faulty accompanied 197 Hertz spur BUZZ signals outlet, visible on screen like a garden fence, 13 x spur strings each 197 Hz distance apart each other visible (and buzz heard) either sideband.

9180.172 TWN SOH Chinese noted at 2240 on March 30, S=6 or -94dBm.

9200.162 TWN SOH Chinese also here at weaker S=4 or -102dBm.

9265.001 USA Probably WINB?, language English, but heavy West African accent and partly domestic language spoken in between. S=8 in southern Germany or -77dBm at 2255 UT on March 30.

9350.0 USA WWCR in English, sermon at 2257 UT, S=8 or -77dBm strength.

9370.0 CHN Jamming from CHN mainland, Chinese word jammer at 2300 UT.

9390 CHN Jamming from CHN mainland, 20 kHz wideband WHITE NOISE jamming heard in 22-23 UT hour, cl-d at 23 UT.

9405.0 PHL FEBC Chinese program, fluttery signal at 2304 UT March 30, S=9 or -72dBm here into western Europe.

9430.0 PHL FEBC Chinese at 2308 UT on S=9 or -73dBm level.

9474.974 USA WTWW English program, heard in Germany at 2313 UT on March 30, S=9+5dB or -68dBm strength on SDR unit.

9535.0 MDG new MWV Chinese at 2315 UT, but heavily hit by dark path jamming signal from CHN mainland propagate across Siberian Russia into Germany. 9535kHz 2300-2400 UT to zones 43,44 MWV 100kW at 55degr. Both jamming type noted, WHITE NOISE scratching signal of 20 kHz wideband + spoken jammer. Is real a SURVIVAL from exB-15 winter season outlet, against US IBB Kuwait Chinese px !

(wb, wwdxc BC-DX TopNews March 30)

And maybe a log of special interest from Longwave:

279 Ashgabat on 279 KHz on 2 April hrd from Perseus site in E. Finland from 2339 tune. Weak modulation but otherwise clear signal. Increasing noise lvl after 0015. Recognized program format and language from previous shortwave logs in 2005 on 4930 KHz and 5015 KHz and visit to Ashgabat in Oct 2006. Woman ann in Turkmen with occasional music in background to 0000. Program of inst music on a solo stringed instrument at 0000 w/ man ancr. At 0033 after a man ancr, the music switched to more elaborate instrumentals with multiple instruments and akin to Turkish folk music. The same man ancr was hrd in this segment that went to 0059. A woman ancr was hrd at 0059 and some inst music to 0100 fol by 5 time pips, a man ancr and the Turkmenistan National anthem by a choir to 0102.5. Man and woman ancres w/ dramatic tone and martial music mixed -

many mentions of "Turmenbashi" and "Ashgabat" to tune out at 0109. This segment used to be hrd on 5015 shortwave in this time frame. Stringed instrument sound was most likely the "Dutar", the most popular stringed instrument in Turkmenistan and similar to the Kazakh "Dombra" which I heard many times in trips to Kazakhstan in the mid-2000's. These are 2-3 string instruments with long narrow necks and in somewhat different form factors and names, popular throughout Central Asia. (Bruce Churchill via DXPlorer)

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, San Francisco at Ocean Beach, CA, USA AP-DNK, Anker Petersen, Skovlunde, Denmark Robert Wilkner, Pompano Beach, USA UQ Ullmar Qvick, Norrköping, Sweden Sheryl Paszkiewicz, Manitowoc, WI Dave Valko Dunlo, PA, USA Eduard via DXLD Mauno Ritola, Joensuu, Finland	Manuel Méndez, Lugo, Spain Dan Sheedy Encinitas, CA Thorsten Hallmann, Germany, via A-DX XM - Cedar Key - Florida Daniel Wyllyans, Brazil Bruce Churchill via DXPlorer CB, Christer Brunström, Halmstad, Sweden Jari Savolainen via DXLD David Kernick, Interval Signals Online Bryan Clark at Convention 2016, Moeraki, North Otago, New Zealand
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Station news

ALBANIA. Mail från Drita Cico, **Radio Tirana**, till hennes trogna monitors, bland dem Glenn Hauser.

De har tydligen fått en present för sin insats, något värmande!

Lenincitaten på väggen till radiostationen i Kashar (MV 1359 kHz lyder: "Radion är en tidning utan papper, en mötesplats för miljontals människor." Även Lenin kunde ha rätt ibland.

PS - Thank you very much, indeed, Noel, Wolfy & Glenn, for your great support on Radio Tirana Ch. 3 Short Wave - Frequency Management, we are doing since from 2005-at present.

We make an excellent team, thanks to RTSH & all of you, known as synonyms of Short Waves in long distance radio listening.

("Radio eshte gazete pa leter, meting i miliona njerezve" - LeninParrulle mbi muret e R/Stacionit te Kasharit, 1358/1359KHz, ne transmetim 1952-Qershor 2000.)

With respect,

Drita CicoRTSH-Pergjegjese e Qendres se Kontrollit (1981-at present)

(Ullmar Qvick via NORDX)

ARMENIA / AZERBAIJAN. The station calls itself as "The Voice of Justice", and "Voice Talishistana" or "Public Radio of Azerbaijan" re-aired and seen for the first time on April 2 from 08.00 to 14.00 in the broadband frequency 9669 to 9681 kHz, but the best signal is now 9674 kHz azerskom language. News on the hour starting with information from Armenia, weather forecast in Stepanakert (Nagorno-Karabakh), in Shuschy etc.

(Rumen Pankov, Sofia, Bulgaria).

BELARUS. Just finished writing a report about the visit of a unique object - the radio center "Pine" in the Mogilev region of Belarus. Unfortunately, on the night of April 1, the transmitters 279 kHz (**Belarusian Radio**) and 1170 kHz (Radio Belarus) must be stopped.

Me and my colleague on hobbies, journalist Dmitry Suslov was able to agree on a tour on the radio center before closing it, which was done on the last Sunday, March 27, 2016.

I bring to your attention a report in two parts on my blog. If photos are not loaded - check to see if you have blocked access to the domain and its subdomains vk.com. Physically, all pictures are on these servers must be loaded, even for those who do not have a profile on the site. Contact me if you have problems.

Of course, the last off the long and medium wave radio center in Belarus - this sad event. Note worthy is his report, which I hope will be many interesting from the point of view of the history of radio.

References:

<http://leryfm.livejournal.com/133473.html> Part 1

<http://leryfm.livejournal.com/133840.html> Part 2

PS - local time off the transmitters:

1170 - March 31, 21.00 in Minsk;

279 - 01 April 0000 in Minsk ..

(Eugene, Minsk, Belarus / "deneb-radio-dx" & "open_dx")

In connection with the refusal of the National State TV and Radio of the Republic of Belarus RUE "Concern RRT" services and the lack of other customers with 01.04.2016g. stops air broadcasting of sound programs "First National Channel of the Belarusian Radio" and "Radio Belarus" in the range of low, medium and high frequencies:

- Transmitting radio shop in the village Kolodishchi:

"First National Channel of the Belarusian Radio" transmitter power of 250 kW at a frequency of 7.255 MHz;

"The radio station Belarus' by the transmitter power of 250 kW at a frequency of 11.930 MHz;

"The radio station Belarus' by the transmitter power of 150 kW at a frequency of 11.730 MHz;

"First National Channel of the Belarusian Radio" transmitter power of 150 kW at a frequency of 6,080 MHz;

- Osipovichiskim transmitting radio shop (in the locality Pine)

"First National Channel of the Belarusian Radio" transmitter power of 500 kW at a frequency of 279 kHz;

"The radio station Belarus' by the transmitter power of 800 kW at a frequency of 1170 kHz.

(RUP "Concern RRT», <http://www.brtpc.by/news/1026/>)

(RUS-DX # 866 via Antaly Klepov)

BIAFRA Radio Biafra back on air — IPOB

The Indigenous People of Biafra, IPOB, has announced the resurgence of **Radio Biafra** after the Federal Government blocked the airwaves last year.

According to a statement by the pro-Biafra spokesman, Emma Powerful yesterday, the station operates on short waves and its satellites covers all the Southeast geopolitical zone, Lagos, Akwa Ibom, Rivers, Delta, Bayelsa, Cross River, London, adding that its programmes could be reached through apps and phones.

The statement said, "Right now, we are back on shortwave after Nigerian government spent millions of dollars taxpayers money trying to stop Radio Biafra. All Biafrans and friends of Biafra can now go to 11600 kHz at 25-meter band to cherish the gospel of truth, Broadcasting time is 8pm London time, 9pm Biafra land time. We are unstoppable because Chukwuka Okike Abiama, Almighty God, is on our side."

It stated that Akwa-Ibom is now on chx 102.1 fm covering Ikot Ekpene, Uruan, Oron, Uyo, insiriatai, ibiono, nundo, abak, idioro, Akwa-Ibom dakka, Yamal-402 DTH Platform: Frequency 11045MHz Pol: Vertical Symbol Rate: 40MSym, DVB-S, QPSK, 2/3 FEC, Service ID: 5.

(JOSE MIGUEL ROMERO ROMERO via DXLD)



NEW ZEALAND. 6170, April 1 at 1307, no signal from **RNZI**! It's still on 9700 instead, fine with me, but a mistake? I already confirmed that 6170 had taken over 1259+ as of March 27. Is really on 9700.013 and gets some splash from 9710 RHC unless tuned to 9700.013-LSB.

No, it's not a mistake, but RNZI is limping along on only one transmitter, shared with DRM, as explained now at <http://www.radionz.co.nz/international/listen> `` Due to a transmitter fault the AM transmission is now from 2150 to 1650 UTC``, viz., rather contradictorily:

2151-0458 15720-AM Daily

0459-0658 11725-AM Daily

0659-0758 9890-DRM Mon-Fri

0759-1650 9700-AM Daily [but 1059-1258 toward PNG, worse for us]

1651-1835 7330-DRM Sun-Fri

1836-1950 11690-DRM Sun-Fri

1951-2150 15720-AM Daily

Does this mean they will be off the air weekends during the DRM hours, instead of on some AM frequency? Maybe will have other transmitter back on by then?

1307, item on PNG economy finishes `RNZI Regional News`, and right into `Dateline Pacific` starting with fresh water shortage due to El Niño-induced lack of rainfall in FSM, especially Yap and Chuuk (ex-Truk), state of emergency declared; pink-eye widespread in Fiji. (Glenn Hauser, OK, DX LISTENING DIGEST)

IRAN. VIKTIGT! Brev från IRIB Teheran om framtiden!

Christer Brunström has got his spiritual antennas working and hinted in a phone chat with me that Iran may plan to discontinue its radio broadcasts to continue only via the web. Here today came the answer:

Dear Ullmar,

Warm greetings from IRIB English Radio Broadcast

IRIB English radio has recently planned to broadcast its programs via Internet and satellite and based on this plan, the shortwave broadcast of our radio will be unfortunately discontinued. As a radio hobbyist and an audience of IRIB English Radio based in Tehran, Iran, what do you think about this idea? Do you think we should take this measure and act as we

have planned or you still prefer to follow our programs via shortwave radio? Please let us know and help us to make the best decision.

Best Regards

Keep in touch

Arezou Radd, IRIB English Radio

Jag vill kommentera till er i NORDX:

Intresserad av den senaste tidens utveckling i Iran har jag lyssnat åtskilliga gånger på sändningarna, skrivit rapporter som givit mig ett "Certificate of Merit" och senast igår var jag med igen på deras brevlåda.

Jag kommer att skriva:

För förslaget står kostnaderna för analoga radiosändningar. Det är enda fördelen.

Nackdelarna är:

Ni kommer att tappa en stor del av era lyssnare.

Andra radiostationer som övergått till enbart internet har noterat denna förlust, och en del har som konsekvens slutat helt med utlandsradio.

Chansen att vinna nya lyssnare som hittar era sändningar på måfå, genom kortvågsradio, skulle försvinna.

Radiolyssning är mer chansartad men mera spännande än lyssning på internet.

Har du som läser detta några synpunkter? Den positiva förändring, en mycket stor sådan, i programinnehållet och det faktum att Iran behöver vår påverkan och kontakt med oss, tycker jag talar för att många bör skriva och försvara radions existens här. Det är sympatiskt att jag fått detta mail. Det har inte skett vid andra nedläggningar av sändningar jag rapporterat. (Ullmar Qvick via NORDX)

GERMANY. From the Isle of Music imminent on 7490. Effective immediately, we have added Channel 292, 6070 KHz in Germany, to our radio family on Tuesdays 1900-2000 UTC. This should be easier for our friends in the Europe, Africa and the Middle East.

From the Isle of Music can now be heard Tuesdays from 1900-2000 UTC on Channel 292, 6070 KHz, a station in Germany, in addition to Tuesdays 0000 UTC (8-9pm EDT Mondays in the Americas) on WBCQ 7490, a station in the US.

We are now able to send e-Qsls for reception reports for both options, we can be sent to tilfordproductions@gmail.com. Please be patient with us about response time as our resources are very limited.

Our April 4 (in the Americas) / April 5 (for the rest of the world) program will include Cuban Jazz trombonist Eduardo Sandoval, one of the most exciting trombonists in Cuba since Juan Pablo Torres. We will also begin a beautiful new concert music album, Danzas Para Piano de Ignacio Cervantes, and we'll have some Cuban rock from Tesis de Menta along with some of Pello el Afrokan's Mozambiques.

Two listening options on shortwave:

WBCQ, 7490 KHz, Tuesdays 0000 UTC (8pm EDT Mondays)

Channel 292, 6070 KHz, Tuesdays 1900 UTC (2100 CEST)

See our Facebook page for more information.

(William "Bill" Tilford, Owner/Producer, Tilford Productions, LLC, 5713 N. St. Louis Av, Chicago IL 60659-4405
email: bill@tilfordproductions.com phone: 773.267.6548, website: <http://www.tilfordproductions.com> March 31, DXLD, Glenn Hauser)

Other radio news

Masset DXpedition 26 March - 3 April



I have just returned from a very enjoyable DXpedition to my Haida Gwaii cottage near Masset, BC. Below is a selection of what was to be heard on SW during the time there. Conditions were not spectacular by any means, but with a virtually zero noise floor, it was a joy to listen to distant stations, at armchair copy, but at signal strengths of only S5 or S6. In the city, these are unreadable to me! As always, to expedite them to you, I have simply copied from my B-Log program. Errors or omissions, please advise me!

Our beach, looking North-East. Alaska is visible, but to the left of the picture. Ketchikan is about 70 miles due north from us.

The complete SW & MW logs can be found here:

<https://groups.yahoo.com/neo/groups/DXplorer>

(73, Walt Salmaniw, Victoria, BC)

Remote Partner Studios, 25 March 2016

Thomas, I thought the following info might be of interest for SWB.

For the past two years, I have been focussing on logging local language programs of major organizations (mainly religious broadcasters) and then sending my reception reports **directly to the local studio located within the target area.**

I first thought of this project after hearing local addresses being announced at the end of a few of the English language local programs by religious broadcasters in Africa, for example AWR-Ghana.

Thanks to the internet, these organizations are able to distribute the work of local language broadcast content creation. Sometimes, all that is needed is a speaker of the language with a computer and internet access to set up a "studio". Many, though, are much more than that.

Over the past two years, I have now sent direct reports to 76 different studios and have received **direct** QSL replies from half of them. Usually the ones that replied were thrilled to hear from a distant listener, this being an unusual event. Many replied by email although and a good proportion also send nice snail-mail packages or air letters. Many of the studios simply refused to reply, and it is easy to speculate there are many possible reasons. Some simply do not understand what a distant listener wants, others are not interested, still others may be too lazy to respond . . . but a number are also concerned about security, especially those located in locations hostile to their message. This fear factor was encountered for Christian local studios located in Vietnam, Turkey and Nepal, for instance.

Finding direct addresses to the local studio always required detective work. Many of the Adventist World Radio local studio addresses can be found in the online Adventist directories, under "Media Centers" or similar; often they are part of the local or regional Conference and a report sent their was forwarded to the studio operator. This is, for example, how I located an address for the newly-on-shortwave AWR Cuba. For others, as mentioned earlier, they often will announce contact information at the end of a broadcast. And even after finding a good address to use, often the local studios forward one's report on to the headquarters, which I was trying to avoid. So at times, an educational effort must be made.

All in all, this has been fun. I probably logged another 10 or so local studios for which I've been unable to find an address to use. So, the number of studios found is approaching the neighborhood of about 100, which would be great. The best of all, still, was the Gaweylon Tibetan Radio package, which was one of the first I received, and was memorable for all the enclosures but also for them saying mine was the first report they'd ever received from beyond the local area. The QSL package from FEBC Cambodia "The Voice of Love" was also wonderful.

Happy I embarked on this project, it's kept me busy!

Recently Trans World Radio Europe indicated they were leaving SWBC for their European local languages, meaning that remote studios in Bulgaria (Plovdiv), Ukraine (Kiev) and others would no longer be available targets.

Cheers, Ralph Perry

Remote Partner Studios, 25 March 2016

QSLs Direct from Studios (38)

Adventist World Radio (14)

AWR Cameroun, Bertoua Studio
AWR Beirut, Al-Waad Radio, Arabic Studio
AWR Turkey, Izmir Studio
AWR Hong Kong, Voice of Hope China
AWR Myanmar
AWR Russia, Radio Golosnadezhdi
AWR Taiwan, Mandarin Studio
AWR Nigeria, Elisha Remo Studio
AWR Cuba, Habana Studio
AWR Bulgaria, Plovdiv Studio
AWR Vietnam, Ho Chi Minh City Studio
AWR Sri Lanka, Colombo Studio
AWR Italia, R.Voce della Speranza, Firenze
AWR India

Reach Beyond Australia (RBA) & Other HCJB (8)

Logged but No QSLs Direct from Studios Received Yet (38)

Adventist World Radio (16)

AWR Ivory Coast, Studio Abidjan
AWR-Bangla Dhaka Ashar Bani
AWR Korea
AWR Ghana
AWR Pakistan
AWR Senegal
AWR Tanzania
AWR Nairobi
AWR France
AWR Jogjakarta
AWR Cambodia
AWR Malaysia, Studio Sarawak
AWR Indonesia, Studio Medan
AWR Bandung
AWR Addis Ababa
AWR Tibetan

HCJB Japan
HCJB Brazil
HCJB Germany
RBA, Indonesia Studio – Radio Dian Mandiri,
Bali
RBA, Message of Hope Nepal
RBA, Back to the Bible India
RBA, Voice of Salvation Ministries, Nepal
HCJB Russia, Revelation Studio, Voronezh

Trans World Radio (6)

TWR Korea
TWR India
TWR Ukraine
TWR Polska
TWR Japan – "BJapan Radio"
TWR Hong Kong

FEBC / FEBA (6)

FEBA, Gaweylon Tibetan Radio, India
FEBC Indonesia, YASKI
FEBC Radio Intl., Lu Mien Radio, Bangkok
FEBC Cambodia, The Voice of Love
FEBC Taiwan
FEBC Hong Kong, Voice of Friendship

Bible Voice Broadcasting Network (3)

African Radio Ministries
Ethiopian Outreach Ministry
Voice of Maranatha Ministries

Other Misc. (1)

Namahira Ministries

FEBA / FEBC (7)

FEBC Viet
FEBC Thai
FEBC Hmong R
FEBA Pakistan / PCRM
Radio Teos / FEBC Russia
FEBA S. Africa to W/C Africa
FEBC Myanmar

Reach Beyond Australia (RBA) (8)

Watchmen Ministries via Reach Beyond Australia – Burmese studio
Watchmen Ministries via Reach Beyond Australia– Hindi studio
Russian Radio Bible Institute – FEBC Russia RRBI
Golgotha Mission India via HCJB Australia
Genesis Media Training Assoc India – R GMTA
Kingdom Gospel Min's– India (Watchmen Hindi)

Bible Voice Broadcasting Network (5)

BVBCN – Vo.of Truth-Urdu / Global R. Outreach
BVBCN - Radiyoo Sagalee Dhugua
BVBCN - Voice of Light / Dimtse Berhan
BVBCN - Bisrat Wengel
BVBCN - New Creation / MERF

Trans World Radio (2)

YTWR Trans World Radio Indonesia
TWR Russia – TransMirovoe Radio

(Ralph, thanks a lot for this interesting contribution! /Thomas)

April, April – DCF77 wird natürlich nicht abgeschaltet! 2016-03-29

Die Uhrenfabrik Junghans hatte bis gestern offenbar mit den Folgen eines verfrühten Aprilscherzes der Zeitschrift "Amateurfunk" zu kämpfen.

Schramberg (er). "April, April – DCF77 wird natürlich nicht abgeschaltet!", heißt es jetzt. Das Magazin berichtete in der aktuellen Ausgabe dass der Zeitzeichensender DCF77 in Mainflingen bei Frankfurt am Main, der die funkgesteuerten Uhren mit der geltenden Uhrzeit versorgt, aufgrund zu hoher Kosten abgeschaltet werde. Diese Meldung hat einigen Lesern und Funkuhrträgern einen gehörigen Schrecken eingejagt. Dies führte laut Junghans zu verunsicherten und teils auch verärgerten Anrufen in der Geißhalde. Mittlerweile hat das Magazin eine Richtigstellung auf seiner Homepage veröffentlicht: Keiner der Sender wird abgeschaltet, grins! Viele haben es bemerkt, manche aber auch nicht: Wir hoffen mit Ihnen, so die Amateurfunker, dass uns der Zeitzeichensender DCF77 auf 77,5 kHz noch lange erhalten bleiben möge. Bei ihrer Entschuldigung schränken die Amateurfunker ein, dass die vermeintliche Abschaltung wegen hoher Kosten ganz so undenkbar jedoch nicht wäre.

<http://www.schwarzwaelder-bote.de/inhalt.schramberg-april-april-die-funkuhren-stottern-nicht.13e8460b-a229-402c-8ebd-d0e205b94a95.html>

(73 Christoph Ratzer via A-DX)

PRESS RELEASE FROM THE DANISH SHORTWAVE CLUB INTERNATIONAL (DSWCI)

www.dswci.org

NEW SURVEY AVAILABLE : The DOMESTIC BROADCASTING SURVEY 18 (DBS-18), April 2016

edited by DSWCI Chairman, Anker Petersen. ISSN 1399-8218

The 59 years old DSWCI, which counts experienced DX-ers in 33 countries all over the world as members, will in April issue the 18th Edition of its annual *Domestic Broadcasting Survey*. This survey is divided into three parts:

Part 1: The 44th edition of the Tropical Bands Survey covering all **ACTIVE** broadcasting stations on 2300 - 5700 kHz, including clandestines.

Part 2: Domestic stations on international shortwave bands above 5700 kHz broadcasting to a domestic audience.

Part 3: Deleted frequencies between 2 and 30 MHz which have not been reported heard during the past five years, but may reappear.

This new Survey is based upon monitoring by our members, many official sources and DX-bulletins. A16 schedules are included when available. About 65 domestic shortwave stations frequencies have left the bands. In order to make the DBS reliable, our own monitors around the world have checked throughout the period April 2015 – March 2016, if each of the 500 station frequencies is on the air. **ACTIVE** stations are marked with an A ("Regular"), B ("Irregular") or C ("Spodic") in the list. D means "Likely inactive".

A unique feature is the right column called "Last log". It shows the last month and year before DBS deadline on March 31, 2016 when the particular station was reported logged by a DX-er somewhere in the world. This is another way of indicating the current audibility of the station. **To avoid inactive stations in this DBS, most frequencies which have not been heard during the past year, have been deleted** and are moved to Part 3. No other frequency list has this feature!

Other useful features for easy identification (ID) are the parallel frequencies and reference to Station ID slogans.

Four sample extracts from the DBS-18 are shown on the next page. Reviews can be found on www.dswci.org

All buyers of DBS-18 will get a username and password to the monthly updates on the tropical bands published as "**Tropical Bands Monitor**" on our website. The similar, historical data from 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 and 2015 are available to anybody at www.dswci.org/tbm.

The 18 pages A-4 size DBS-18 is available by e-mail as pdf-format (about 350 kB).

A limited number is also available printed on paper for the last time, because the DSWCI is dissolved at the end of 2016!

Both are sold by the treasurer until December 01, 2016: **DSWCI, c/o Bent Nielsen, Egekrogen 14, DK 3500 Vaerloese, DENMARK**

E-Mail edition: DKK 30,00 or USD 5.00 or EUR 4,00 or GBP 3,00 or IRC 1.

Printed edition: DKK 60,00 or USD 10.00 or EUR 8,00 or GBP 7,00 or IRC 2.

Payment by cash notes are accepted and welcome, whereas checks and postal money orders are not accepted.

DSWCI's Bank is Danske Bank, 2-12 Holmens Kanal, DK-1092 Copenhagen K.

BIC/SWIFT : DABADKKK. IBAN: DK 44 3000 4001 528459. Remember to pay all cost!

Danish buyers please use: Reg. 3001- konto 4001528459.

If you have **EURO** as national currency, you are advised to pay to our representative in Germany, Andreas Schmid.

Andreas Schmid, Lerchenweg 4, D-97717 Euerdorf, Germany. E-mail: schmidandy@aol.com

Targobank, Düsseldorf, BLZ: 30020900. BIC: CMCIDEDD. IBAN: DE07 3002 0900 5200 087693.

If you want to pay via **PAYPAL**, you have to contact Andreas Schmid, before you send your payment. Payment via PayPal only in US\$ currency and only for persons, living outside the European Union (EU).

Best 73's, Anker Petersen and Bent Nielsen

Samples from Domestic Broadcasting Survey 18:

B	3900	10	CHN	Hulun Buir PBS,Hailar, Nei Menggu	2130-0700 (Tu-0210) 0900-1440 C		MAR16
A	3905	10	INS	RRI Merauke	Pro 1: 2000-2200 0700-1500v Bahasa Indonesia, ID: "Pro Satu Radio Republik Indonesia Merauke"		MAR16
A	3912	50	CLA	Voice of the People,via Goyang, South Korea	0530-2330 Korean to KRE // 3480(ID) 4450 6518 6600		MAR16
A	3915	100SNG	BBC,	via Kranji	2200-2300 E		MAR16
A	3925	50	J	R Nikkei, Nagara, Chiba, Tokyo	HS 1: 2155-1500 Japanese // 6055 9595, ID: "Nikkei Radio - sha Tampa-hoso" (Nikkei R Corp. SW Brc.)		MAR16
C	3925	10	J	R Nikkei, Nemuro	HS 1: 2300-0750 Japanese		PPPPP
B	3945	10	J	R Nikkei, Nagara, Chiba, Tokyo	HS 2: Su-Th 2300-1400(Fr-Sa -0900) Japanese // 6115 9760, ck 3925 (ID)		MAR16
B	3945	6	VUT	R Vanuatu, Emten Lagoon	0400-2200 Bislama/E/F, (= 7260)		MAR16

Madagascar World Voice: What's in a name?

Madagascar World Voice was observed signing-on at 00:00 UT on 31 March 2016 on 9600 kHz, as follows: "From the beautiful region of the Indian Ocean, this is Your New Life Station [I take that capitalisation from references on the KNLS website "What's Going On?" page] This transmission starts in one minute". After promised minute of the 'Chariots of Fire' IS (as used by KNLS) came their signature tune and introductory announcement: "From the top of the world and from the beautiful region of the Indian Ocean, this is Your New Life Station, broadcasting over the air and online". It seems that World Christian Broadcasting's new station identification varies according to language and target area - I've only observed the 18:00 transmission in Russian IDing on air as "MWV" and "Madagascar World Voice". The 18:00 UT broadcast in English to Africa (17640 kHz) IDs as "African Pathways Radio" whereas the 00:00 UT English to India is "Your New Life Station". It'll be interesting to know how the Arabic, Chinese and Spanish broadcasts identify.Later today I'll be uploading examples of these various IDs to Interval Signals Online.
(David Kernick, Interval Signals Online via DXLD)

Perseus Software Drivers Update

I've recently updated the Perseus drivers for the Microsoft Windows OSs.

These new drivers support both the 32 bit and the 64 bit OSs version of Windows Vista, Windows 7, Windows 8/8.1 and Windows 10. (Please note that Windows XP is not supported by this distribution).

The new drivers are signed as Microsoft requires, therefore their installation on Microsoft 64 bit OSs should be quite straightforward and does not require anymore tools like Zadig.

Please note that I've tested this distribution only on a couple of W10 64 bits operating systems and no installation tests on 32 bit systems has been done yet.

There should not be any issue with them (afterall it's just a signed distribution of the Microsoft WinUsb drivers) but I discourage to install them unless you really know what you're doing and you would like to give me an help with your tests. Of course any feedback would be really appreciated.

The new driver distribution is available here: <http://microtelecom.it/perseus/PerseusDriversUpdate2016a1.zip>

There's an installation guide with pictures created during the installation on a W10 system but I guess that installations on other platforms should not be really different.

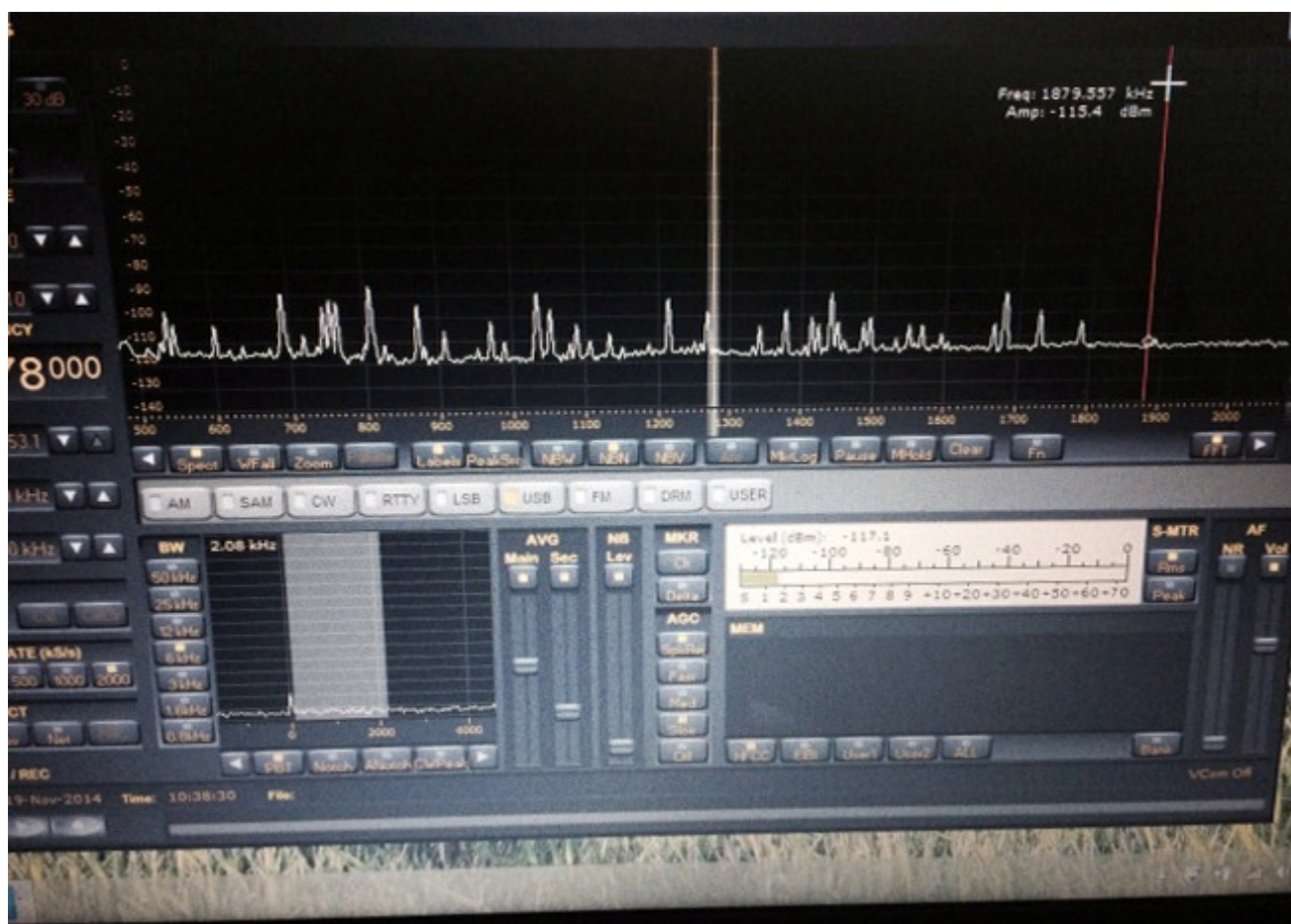
(Best 73s, Nico / IV3NWW)

DX-ing med 90 vindkraftverk på 50 km avstånd

Sommaren och hösten 2014 beslutade jag mig för att testa att DX-a i vår stuga som ligger på ett berg ca 7 km från Hammarstrand. Ingen el finns närmare än ca 5 km så de blev batterier som gäller.

Testade under sensommaren och det verkade lovande. Satte upp en 430 meter lång Beverage i riktningen 310 grader.

Såhär såg bandet ut på dagtid med två 10 db preampar påslagen. Preamparna måste till för att få upp antennbruset över Perseus eget brus på dagtid. Peakarna är radiostationer.



Hela mellanvägen är helt slät med ett antennbrus med två 10 db preampar på -115 db. Syns upp till höger på Perseus.

Tidigare erfarenhet från mitt QTH i Pålgård ca 7 km bort var att så fort det blir dimma eller snöar så stör koronauraddningar från 220 kV och 400 kV ledningar. Det gör det också i stugan men inte så starkt som i mitt tidigare QTH som låg närmare ledningarna. 220 kV ligger ca 5 km från stugan och 400 kV ca 7 km från stugan. Det försämrar dynamiken med ca 10 - 15 db på dagtid när det snöar eller är dimma.

Efter nyår 2015 upptäckte jag ett oljud runt 500 kHz som jag först inte kunde lokalisera. Även högre upp på mellanvägen fanns områden med ökat brus.

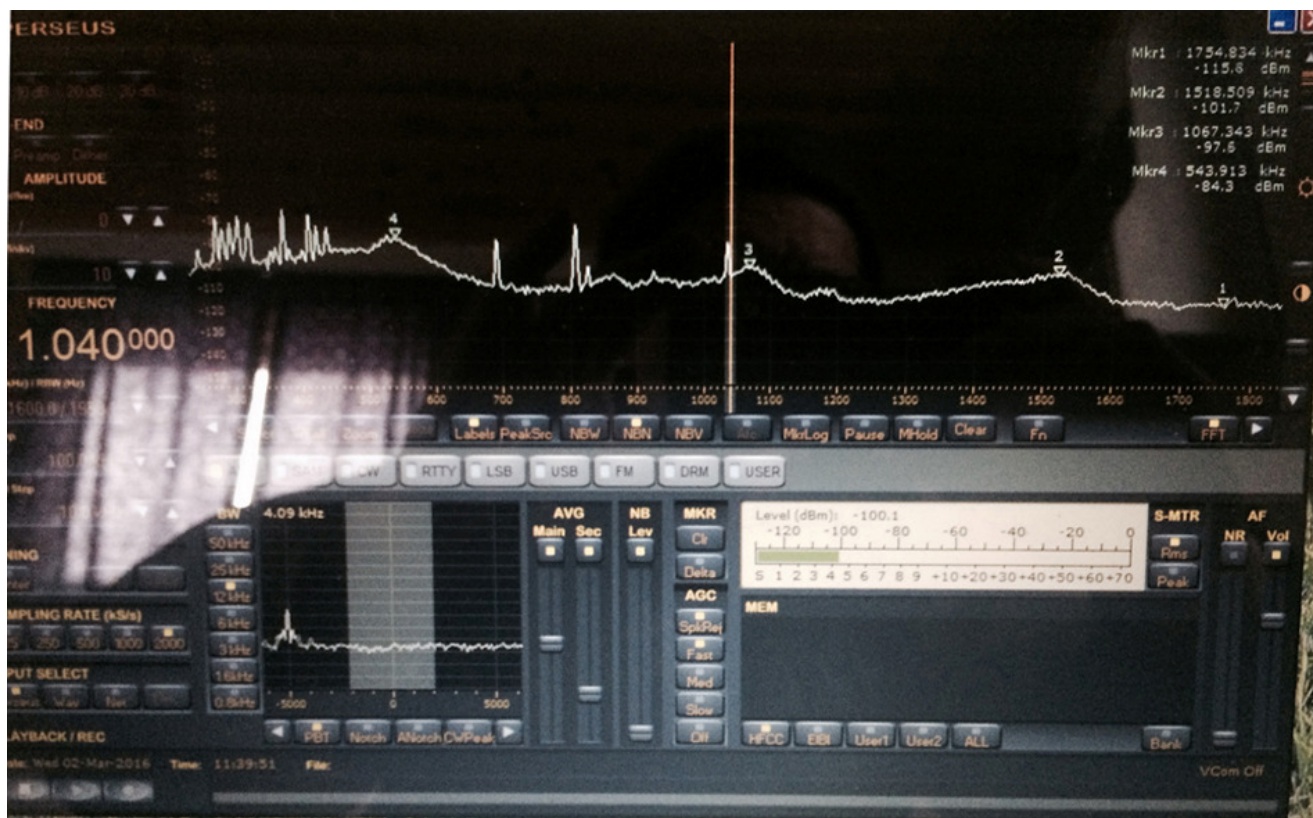
Började att pejla med en superKAZ antenn. Den visade att oljudet kom från ca 330 grader. I den riktningen finns bara skog tills man kommer till fjällen 20 mil bort.

Det enda som hade hänt i den riktningen var att man höll på att bygga en jättestor vindkraftpark ca 50 km bort. Det skall bli 240 jättestora snurror. Efter lite forskning så visade det sig att de just hade startat flera verk.

Kunde sedan verifiera att det verkligen var därifrån störningen kom. Blä visade vattenfallsdiagram på Perseus ett mönster med 5 kHz intervall. De är switchfrekvensen som man har i dessa vindkraftverk för att man skall få ut 50 Hz.

Nu är det c:a 90 sådana stora vindkraftverk i gång.

Såhär ser mellanvägen ut idag i stugan 50 km från vindkraftparken. Det är samma antenn som 2014, två 10 db preampar som 2014 och AM 4 kHz bandbredd.



Markörerna uppe till höger visar störtoppar. Markör 1 ligger på ett område som inte påverkas av vindkraften och har som på bilden från 2014 -115 dbm.

Under 650 kHz hörs inget DX och stora delar av mellanvägen är rejält försämrad.

Över 1,7 MHz märker jag ingen störning.

Nu skall man veta att en Beverage i framriktningen är mycket känsligare än en longwire eller en superKAZ som jag också har. På super KAZ antennen i samma riktning som Beveragen med två 10 db preampar är störnivån ca 10 db lägre än på Beveragen.

Skall under sommaren testa en antenn i 295-300 grader och se om det blir lite bättre.

Nu tror jag inte att alla vindkraftverk stör som dessa och skulle antennen vara riktad åt annat håll skulle knappt något störa.

Här är mätningar från Nya Zeeland och det är samma märken på vindkraftverken på båda ställena.

Se <http://www.zl6qh.com/rf-noise-measurements-quartz-hill-2009-v3.pdf>

Den är gjord på 80 meter. På kortvägen hör jag inget från vindkraften. Skulle jag komma närmare så skulle jag säkert också höra det.

(Stefan Wikander)

Copy of the conclusion from the report above from Quartz Hill:

"The measurements conducted on 10 May and 15 August 2009 confirm that it will not be possible to operate an amateur radio HF station in the vicinity of Quartz Hill due to the high level of radiated noise interference from the wind turbine infrastructure. At 3.73 MHz, the measured level of radiated noise is approximately 50 dB greater than

that sought for weak signal HF amateur radio communications. Our analysis of the measurement data suggests that an amateur radio station would need to be separated from the nearest turbines by a distance of at least several kilometres, and possibly up to more than 10 km, in order to reduce the interference to the desired level."

Modern Wind Turbines Generate Dangerously "Dirty" Electricity

Another interesting aspect of Wind turbines, see http://www.cellphonetaskforce.org/?page_id=220
(Stefan Wikander)

Mother Angelica, founder of EWTN, dies on Easter Sunday

AOL, By Ivana Hrynkiw, March 27, 2016

Mother Angelica has passed away today at the age of 92, according to the Eternal Word Television Network.

EWTN, the world's largest Catholic satellite network, was founded by Mother Angelica out of a garage next to the monastery she started in Irondale.

Mother Angelica also hosted a long-running talk show. Her show is still seen on reruns internationally.

She even received a video message from Pope Francis last month, when he asked the nun to pray for him.

Her health has declined over the year, but she wanted to remain alive as long as possible, she said.

She once told her fellow nuns, "We don't understand the awesomeness of living even one more day... I told my sisters the other day, 'When I get really bad give me all the medicine I can take, all the tubes you can stuff down me.'

'Why'd you want that?'

'I want to live.'

'Why?'

"Because I will have suffered one more day for the love of God... I will exercise you in virtue. But most of all I will know God better. You cannot measure the value of one new thought about God in your own life."

Her greatest talent, a gift of gab that built an international media empire that broadcasts to 80 million homes, eluded her in the last few years. Mother Angelica has had health problems most of her life, from an accident that left her in leg braces to 2001 stroke that caused her to wear an eye patch. She suffered another stroke in 2001, which left her mostly unable to speak. She also had health problems like Bell's palsy, heart disease, and asthma.

On most days, pilgrims arrive from all over the world to visit the grounds of the shrine that Mother Angelica built at an estimated cost of more than \$30 million, paid for by donations, on 300 acres outside Hanceville. It has a stone castle with 40-foot-tall turrets for a visitors' center, with nine suits of armor, 600-year-old wood plank tables, medieval manuscripts, and a gift shop inside.

She also built a worldwide shortwave radio station, WEWN, on top of a mountain in Shelby County in 1992.

The nuns in Hanceville have provided Mother Angelica with constant care.

Birmingham Bishop Robert Baker said about her passing: "Mother Angelica brought the truth and the love and the life of the Gospel of Jesus to so many people, not only to our Catholic household of faith, but to many thousands of people who are not Catholic, in that beautiful way she had of touching lives, bringing so many people into the Catholic Faith."

Michael Warsaw, EWTN Chairman and CEO, released a statement: "This is a sorrow-filled day for the entire EWTN Family. Mother has always, and will always, personify EWTN, the Network which she founded... Everything she did was an act of faith."

EWTN asked for prayers during this time.

(AL.com reporter Greg Garrison co-wrote this report).

(Mike Terry via DXLD)



Några QSL från Kenneth Olofssons fina samling från SA skannade av John Ekwall.

Radio El Mundo 6015 kHz från 1987
Radio Santa Cruz 6135 kHz från 1985
R Emisora 2 de Febrero 5505 kHz från 1986
Radio La Plata 9715 kHz från 1999

(Tack JOE för skanning, alltid kul att kolla in fina QSL. /TN)



Radio "El Mundo"
SINTONIA NACIONAL

Q S L

Certificado de Sintonía

Parque Industrial - PI 7 -
Casilla 1984 - Tel. 39775 -
Telex 4296
Santa Cruz Bolivia

RADIO "EL MUNDO" - Santa Cruz - Bolivia

A Sr. KENNETH OLOFSSON

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en ONDA CORTA 6.015 Khz, 10 Kilovatios, banda de 49 metros y 1.050 Khz Onda Media, de fecha 6 de Agosto de 1.987

a las 22:25 a 22:45 hora boliviana

[Handwritten signature]
FIRMA Y SELLO OFICIAL
RADIO EL MUNDO
Santa Cruz Bolivia

radio
santa
CRUZ



CP 30
CP 32

**emisora
del
instituto
radiofónico
de fe y alegría**

Mario Flores esq. Güendá N° 20
Teléfonos: 2-3960 - 2-1814
Casilla de Correo # 672
Santa Cruz
- BOLIVIA -

EMISORA: "RADIO SANTA CRUZ"

CONFIRMO QUE HA SINTONIZADO NUESTRA EMISORA EN LA FRECUENCIA DE 6135 KHZ. EN LA BANDA DE 49 MTS. EN FECHA 08 DE ABRIL DE 1.985. DESDE LAS 19:05 HASTA LAS 20:40... HORA BOLIVIANA

[Handwritten signature]
MUY ATENTAMENTE;
JOSE ROS IZQUIERDO
Gerente

AGRADECEMOS EL ENVIO DE RECEPCION DE NUESTRA EMISORA ESPERAMOS SIGA EN LA SINTONIA DE ...

"RADIO SANTA CRUZ"
SANTA CRUZ, 24 DE MAYO DE 1.985

C - P 21
9715 Kcs. OC.

RADIO LA PLATA SRL.
(ASBORA)
Casilla correo 276
Sucre - Bolivia

C. P. 54
1250 Kcs. OM.

Confirmamos su report de sintonía de nuestra emisora, enviada por KENNETH OLOFSSON
Ciudad MÖTRUN País SUECIA
De fecha 13 de enero de 1999

Características recepccion buena en calidad sonido

Agradecemos su informe, y le anunciamos que estamos para servirle, en Sucre y Bolivia, a través de la emisora decana en el Sur del País.

Sucre, 18 de febrero de 1.999

[Handwritten signature]
Director
Guido Donoso Bleichner

RURRENABAQUE-SAN BUENAVENTURA
Rio Beni

Muy distinguido amigo KENNETH:
Mil gracias por su carta del 12 de presente mes de Sept. así con su linda postal, reciba usted, su esposa Ingrid, Susanne, Christel y Eva Marie, mi saludo muy cordial y de amistad Internacional.

Todo el personal de Radio Emisora "2 de Febrero" así como de mi familia les saludan fraternalmente a ustedes allá en la linda SUECIA.



Roger Arze Salomon
Director - Propietario

Al señor don
KENNETH OLOFSSON
SWEDEN - SUECIA

PI 639, Elleholm
S-290 71 MÖRRUM