

SHORTWAVE BULLETIN

Issue no. 1843, Feb 14 2015.

Deadline e-mail next issue: 0800 UTC, Feb 28, 2016.

Hello all,

It is amazing that we can show a very impressive log in each issue of SWB. Some of you are really active.

For me most of time is spent on mediumwave. My main interest from the start in 1962 has been the Tropical bands. Nowadays very few stations remain and it is not at all thrilling like in the old days to tune over those bands.

MW is much more exciting with lots of stations from different areas most of the day. Late in the afternoon and just before midnight it is possible to log Asian stations. During nighttime, depending on the conds, almost every night something from NA, CA or SA come through.

Interesting news comes from Svenn Martinsen that he on his website has published Geir Stokkeland (c) dx-history fro Arktis and Northern-Norway from the 80'ies. 397 pages in Norwegian! Indeed, very interesting reading.

Keep on

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SWB-info

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

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QSL, kommentarer, mm.

Vi har nåtts av ett par väldigt trista besked som rör två av våra medlemmar. Gunnar Wrangle var medlem in i det sista och Arne Härkönen fram till mitten av 90-talet.

Gunnar Wrangle, avled den 5 januari 2016 efter just ha fyllt 96 år. Han började med DX-ing redan 1934. Han var medlem i SWB redan på 70-talet

Hans radiointresse var mycket stort och han skulle alltid ha det bäst tillgängliga. Ekonomi var inget problem, då fadern grundade den stora juvelerarkedjan i Göteborg, Wrangles, som sedan Gunnar och hans bror drev.

Vila i frid Gunnar och tack för många trevliga telefonsamtal under årens lopp! /TN

AH Arne Härkönen in Memoriam

Vi har också nåtts av meddelandet att vår före detta medlem Arne Härkönen avled den 21.1.2016. Arne var en mycket framstående KV- och framför allt MVDX-are, intresset var främst riktat mot NA. Arne var medlem i ARC och SWB mellan åren 1963-1994 och åtminstone vid ett av våra konvent (i Laxå) var Arne med. Arne blev 87 år.

Vila i frid Arne! /TN

Anker Petersen: Here are my latest loggings from Skovlunde, where a meteorite from outer space landed last Saturday 6.2. Nobody were hurt.

Lars Jeppesen: Var ute med MKVK i Saxtorp i helgen 6-7/2-16. Antenner: 100 m lw, 400 m lw samt en ALA. Mottagare:SDR-IQ.

Robert Wilkner: Mosquito Coast DX News ...February 13th 2016

Logs from southern California and Florida. Rather poor band conditions this week. Devoted a few hours to band scans producing many of the "the usual suspects" ~ Casablanca a favorite film. ...rlw

Dan Olsson: Hej! Dags att sätta sig ner och skriva lite tips till SWB. Tipsen märkta 6-7/2 är hörda i Saxtorp och övriga via SDXF:s remote på Öland.

Annars her det varit en händelserik vecka då jag både i onsdags och i fredags blev hämtad av ambulansen efter njurstensanfall. Första gången var det på jobb och andra gången här hemma. Ha en sten på 8 mm som ska opereras bort på torsdag inne i Malmö. *(Krya på dig! /Thomas)*

SW lives

I was surprised to see the attached half-page ad in today's *New York Times*, first section, p. A7. Very nice. (Jerry Berg via DXPlorer)



2485	Feb2	1815	VL8K ABC, Katherine, Australia, English, talks, weak (Bernardini)
2582U	Feb7	0036	Listening for Bermuda Radio, ZBR, tnx to tips from DXLD yg members Stephen C Wood in MA who is hearing it nearly every evening at 0040, and Rich Ray near Chicago who reported it starting at 0036. At first I hear nothing, then 0037 barely audible talk, sounds like marine weather intonation, fades up a bit, but only S7, equivalent to noise level. 0039 a little better so I hear fragments such as ``through Sunday afternoon; gale warning, small craft warning, Monday evening and night``; British accent past 0042 but seems to have finished at 0043. EiBi shows ZBM as Bermuda Harbo[u]r, nominal 10-minute broadcasts at 0035, 0435, 0835, 1235, 1635. But it`s not the only marine station on 2582. Unlisted by him but in the Canadian Coast Guard page, 2582 is also used for shore-ship comms in Atlantic Canada and the North in summer (Glenn Hauser, OK)
2598u	Feb13	1015	VOK - Labrador wx "winds west ..seas.. 25 knots .." etc (Wilkner)
2749U	Feb7	0044	robotic YL in English with marine weather at S6. CCG website shows this is MCTS Sydney NS, VCO starting at 0040 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 forecast 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)
			----- Frequency 2749 is currently doing well here most mornings when tuned around 0745UT. English is heard at that time, but changes to French around 0750 / 0755. Frequency 2598 is also a good signal and only English is heard so far. There is a STANAG transmission on - or very close to - this frequency which makes copy difficult some days. I haven't IDed the locations of the transmitters at this time. Other interesting ones to watch propagationally are Gander volmet on 3485 which is often much better than // 6604. at 0730. I believe it may be New York from 0800 - a much weaker signal here. And CHU 3330 is also doing well and usually better than // 7850.at 0730 / 0800. (Noel R. Green via DXLD)
2850.00	Feb10	2015	KCBS, Pyongyang Korean talk, unknown heterodyne tone (AP-DNK)
3220.00	Feb10	2025	KCBS, Hamhung Korean ann, songs and talk (AP-DNK)
3250.00	Feb10	*2130-	Voice of Korea, Pyongyang IS, Japanese ann, National Anthem, military song, news, 2147 more military songs, orchestra music. (AP-DNK)
3259.996	Feb2	1050	Radio Madang, poor S=4-5 signal, Pidgin?,wandered up from x.992 kHz. (wb, wwdxc BC-DX TopNews Febr 2)
3260	Feb7	1200	NBC Madang. The syndicated (Florida, USA) Sunday program "Island Praise" presented by Stacy Rose, with her playing Caribbean gospel music (reggae, soca, calypso, hip hop gospel, etc.); off the air by 1229 check; clearly // 6020. (Ron Howard, Asilomar State Beach, CA, USA)
3274.993	Feb2	1053	NBC Southern Highlands logged. Poor and tiny at S=4-5 level in remote Tokyo SDR. (wb, wwdxc BC-DX TopNews Febr 2)
3289.9	Feb13	0930	Voice of Guyana, sadly listened to this ~ 0930 "cover most of your body as much as possible ...if you are pregnant ... so far cases...noted some vomiting and xxx ? Ministry of Pubic Health..." 0937 Minister mentioning "...The Lord Jesus" (Wilkner)
3310	Feb5	2317	R.Mosoj Chaski, Cochabamba, quíchua, texto; 45333. Melhor sinal em 06/2, pelas 2300. (Carlos Gonçalves)
3310	Feb12	0932	Radio Mosoj Chaski, Cochabamba re-check om and yl chat in Quechua , fair to good signal, best audio on the Drake R8. (Wilkner)
3310.00	Jan31	0135	R Mosoj Chaski, Cotapachi Quechua talk by two men (AP-DNK)
3325	Jan30	1700	Bougainville was yesterday (Jan 30) also AFTER 1700 UT on air. Palangka Raya s/off at 1659, and around 15 minutes later there was again a strong signal on and off, shure Bougainville testing. (Christoph Rutzer via A-DX).
3325	Feb2	1315	I am hearing one station S5-S7 with soft talk, 1316 music, presumed still RRI Palangkaraya and not NBC Bougainville. Ron Howard confirms the latter was again absent yesterday. So when are they going to come back and stay on? Maybe they are now looking for a new clear frequency; fat chance. Later: nope; Ron says both were on today with RRI dominating for him. Karel Honzik in Czechia also heard Buka day frequency testing on 6020.7 at 0700-0842* (by long path, direct??) (Glenn Hauser, OK)

3325	Feb2	1754	NBCBougainville with non stop mx almost all the time except for a short ID at 1754. Also heard in Salzburg at the same time. Christoph, thanks for the tip and for a strong and clear recording with the ID, indeed a remarkable difference in signal clarity. (TN)
3325	Feb8	1905	NBC Radio Bougainville, Papua. Gut zu hören bis ca. 1945 UT, danach durch den Sonnenaufgang rasch schwächer. (Christoph Ratzer via A-DX)
3325			[non-log]. Feb 8 (1228-1331), 9 (1232-1404) and 10 (1220-1530), did not hear NBC Bougainville on either 3325 nor 6020. (Ron Howard, Asilomar State Beach, CA, USA)
3325	Feb 3	1313	From 1313 to 1335; clearly two stations; RRI Palangkaraya with mostly music and IDs, while NBC Bougainville was mostly talking (1327 phone chatting in Pidgin); yet another day of RRI being much stronger; by 1335 both station talking, with the result being a mess, so tuned away; checked again at 1352 only to find that NBC had gone off the air sometime between 1335-1352. RRI clearly the only station here after 1352; went to their local Palangkaraya news at 1402. (Ron Howard California)
3325	Feb3	1800	RRI Palangkaraya with full ID. Also as late as 2000 heard by Christoph Ratzer down in Salzburg. No sign of NBC this evening. RRI also noted exceptionally strong on Feb 7 at 1415 with mx. (TN)
3325	Feb5	1352	music at S6-9, 1353 announcement, 1400 IS like I heard before from RRI, after mention of Palangkaraya, not Bougainville. (Glenn Hauser, OK)
3325	Feb10	1459	RRI on 3325 noted off the air Feb 8 during 1228-1331. Also off the air Feb 10 at 1234 and subsequent checking till 1345, when I found open carrier and by 1459 could tell it was RRI (not NBC) (Ron Howard, Asilomar State Beach, CA, USA)
3365	Feb11	2317	Radio Cultura, Araraquara, SP music mellow vocalist, om dj at 2319 back to music, unusually strong signal to 2340. (Wilkner)
3365.1	Feb5	2315	R.Cultura, Araraquara SP, canções; 35332. (Carlos Gonçalves)
3375.1	Feb12	0925	Radio Municipal São Gabriel da Cachoeira yl and om good signal in PT , noted daily but with less strength 2300+ (Wilkner)
3519U	Feb11	1220	new VC01 Chinese Military numbers station (ex: 5006-USB), 1220 and subsequent checking, Feb 11. Would never have found this except for the timely tip from Hiroyuki Komatsubara (Japan), who regularly monitors this station's activities. RE: My alert about New Year's Eve (Spring Festival) Gala on Feb 7 - This years results were rather dismal; only heard the following with the gala at 1322, carrying CCTV audio feed. 4940 // 6115 Voice of Strait; // 6185, CHBC (VOK QRM) (Ron Howard, Asilomar State Beach, CA)
3904.972	Feb2	1045	I guess RRI Merauke, noted fair S=7-8 signal, in remote unit near Tokyo. (wb, wwdxc BC-DX TopNews Febr 2) ----- Thanks very much to Wolfy, who measured Pro 1 RRI Merauke on 3904.972 . Not as close to exact as I thought, but certainly think is the highest frequency report so far. So an actual adjustment to their transmitter or just drifting higher? Time will tell which it is. Feb 2 doing well at 1410, ending the news with the usual patriotic song "Bagimu Negeri." Thanks again to Wolfy for his ongoing assistance! (Ron Howard)
3944.985	Feb3	1830	Must be Vanuatu with weak audio. Fade out at 1900. Also noted at 1845 on Feb 2 both here and by Christoph Ratzer in Salzburg and Thomas Lindenthal in Germany. (TN)
3944.984	Feb3	1405	Yes, VUT is on air again, after R Nikkei 2 left the channel, VBT Port Vila noted on remote SDR units in Doha Qatar and at Tokyo area in Japan again. S=6 signal in Japan. 3944.984 kHz was the exact accurate frequency. (wb, wwdxc BC-DX TopNews Febr 3)
3945	Feb5	2326	R.Nikkei (p), Nagara, texto; (Carlos Gonçalves)
3949.97	Jan31	0145	Xinjiang PBS, Urumqi Chinese conversation // 5060 and 5960 (AP-DNK)
3975	Feb6	1115	R Revival Sweden, SDXF Special transmission starting with a R Nord px from 1100 and then SDXF special px from 1200. Christer Brunström talked about stamps and Moritz Saarman played Swedish tunes. Decent signal here on 3975 but much stronger swignal on 6060. (TN)
3985.02	Feb10	2000	R Echo of Hope, via Gyeonggi-do, South Korea Korean news read by man and woman 45233. 4885 was off the air as scheduled. (AP-DNK)
3990.00	Jan31	0150	Xinjiang PBS, Urumqi Uighur talk and local music (QRM R 700 on 3985) // 4980, 6120 and 7205. (AP-DNK)
4009.86	Feb3	1410	Birinchi R, Krasnaya Rechka Kyrgyz talks with musical interludes. (No German or Dutch programmes, as reported!) (AP-DNK)
4026	Feb6	2142	LHH very strong. (LHU)
4055	Feb6	0134	R. Verdad with hymn at S9+10, no sign of any clone signals nearby. Another check Feb 6 at 0559, now closing announcements in Italian, Swedish, Japanese. I suspect some DX reporters were prevailed upon to provide them. Again no sign of any other TGAV broadcasts between 4000 and 4100 kHz, let alone right next to 4055. Yet another check Feb 6 at 1138: just 4055 at S9. I understand why people don't want to waste time looking for phantasms, but appreciate

			<p>Bill Bingham in South Africa checking and finding nothing. I would welcome anyone Truly finding another Verdad, to prove wrong my fear that the worldwide relay deal Dr Madrid says he has been paying for is nothing but a scam (Glenn Hauser, OK)</p>
4055	Feb11	1334	<p>R. Verdad has faded to a JBA carrier as to be expected past sunrise here and there: no ``injection`` of a strong signal somehow as Dr Madrid thinx is being done in various places. Ken Zichi suggests maybe this *could be* about carrier current, a very old, not new technology, wherein a transmitter (normally on MW) is fed into powerlines as antennas, nothing to do with computers. But that term has never been used in describing this experiment. ``Injecting`` a signal would seem to fit, however.</p> <p>With C.C., a radio within close range (before going thru various transformers), plugged into AC would get the noisy and lo-fi signal. There is also a very limited amount of radiation around the powerlines whether wanted or not. I suppose a SW frequency could be used as well.</p> <p>I myself was involved in C.C. college stations in the 60s – KFRH at Forsyth Residence Halls, Washington University, St Louis MO (IIRC on 570 between real stations KSD 550 and WRTH 590); it`s mentioned in the Wikipedia article about successor KWUR 90.3 FM. And later, at KNMD, 880, (New Mexico Dorms), UNM in Albuquerque. Searching for that is obscured by the calls now applying to a digital TV relay in Santa Fe of KNME. KNMD was the predecessor of KUNM now 89.9, an excellent public radio station; see Wikipedia about KUNM.</p> <p>Carrier current is similar to ``Rediffusion`` or ``wired broadcasting`` which was used in the early-to-mid XX century in places of limited extent such as Malta; in Russian cities in order to restrict and control what citizens could listen to; and probably still in North Korea. Some of this may have `injected` signals on MW radio frequencies rather than simply being a wired-loudspeaker network.</p> <p>Getting back to Guatemala, if this magical technology is really carrier-current injection, that could be done anywhere, modulated by any source off webcasts, but it would be extremely inefficient and of limited range (Glenn Hauser, OK)</p>
4055.00	Jan31	0155	R Verdad, Chiquimula Spanish ann, orchestra music, best in LSB (AP-DNK)
4083U	Feb5	0645	UNID. continuous talk by same guy, poor signal, sounds like a broadcast, and think I hear one keyword, ``sedaye`` which would mean Farsi or similar. Ideas? Could anystation be using SSB HF feeders anymore, emergency backup? (Glenn Hauser, OK)
4747,3	Feb6	2316	R.Huanta 2000, Huanta, texto, sinal que péssimas condições impedindo a identificação da língua utilizada; 13341, QRM de CODAR. (Carlos Gonçalves)
4747.5	Feb9	1030	Radio Huanta 2000 Huanta Ayacucho, noted with fair signal. (Wilkner)
4750	Feb7	-1707*	Bangladesh Betar, Khairpur, bengali, noticiário (?); Fecho abrupto. (Carlos Gonçalves)
4750	Feb10	1532	Bangladesh Betar (Home Service). News/sports/weather in English; scores from the South Asian Games; 1542 "News Commentary," "The cabinet approved the draft of a Memorandum of Understanding with Malaysia with a target of sending 15 lakh Bangladeshi workers there in three years under a G2G Plus process. The approval came at the regular weekly cabinet meeting held at Bangladesh Secretariat with prime minister Sheikh Hasina in the chair."; 1545*; fairly readable even with CNR1 QRM (Ron Howard, Asilomar State Beach, CA, USA)
4754,9	Feb6	2320	R.Imaculada Conceição, Cp.º Grande MS, texto, aparentemente, propag. relig.; (Carlos Gonçalves)
4754.9	Feb6	2324	Radio Imaculada Conceição, Campo Grande, MS om religious message in PT , first time in a while. (Wilkner)
4760	Feb3	1635	AIR Port Blair (pres), Andamane Isl. very weak (Bernardini)
4760.00	Jan31	*0208-	R Kashmir, Leh AIR IS, 0210 ann "Vande Mataram" hymn, vernacular ann, Kashmiri songs, 0215 and 0220 talk (news ?) in two local languages. 0230 fade out. Seldom reported heard! (AP-DNK)
4774,9	Feb4	2323	R.Tarma, Tarma, castelhana, anúncios comerciais e outros; (Carlos Gonçalves)
4775	Feb6	2334	R Tarma International nice touch in the end of id. (LHU)
4775	Feb6	2335	R Tarma med ID och härlig musik som man måste bara lyssna till. (DO)
4775.00	Feb6	-0357*	TWR, Mpangela Ranch Lomwe religious talk, 0355 orchestra music and closing ann. No other programme followed. (AP-DNK)
4800	Feb2	1535	AIR Hyderabad, India, news in English, fair, QRM China (Bernardini)
4800.00	Jan31	0205	AIR Hyderabad. Telegu ann, mx, QRM Voice of China 4800 underneath (AP-DNK)
4805	Feb4	2325	R.Dif. ^a do Amazonas, Manaus AM, noticiário; QRM de CODAR. (Carlos Gonçalves)
4805	Feb11	2310	Radio Difusora do Amazonas,Manaus with yl chat in Portuguese. Improved signal since returning. (Wilkner)
4810	Feb1	1714	Armenian National R., Yerevan, start BC, ids, web, good (Bernardini)
4810	Feb1	1716	AIR Bhopal, India, Indian songs, under Armenia (Bernardini)
4810	Feb35	1730	AIR, Bhopal, English, news. Interference from Armenia on the same frequency. (Méndez)

4810	Feb12	0920	Radio Logos, Chazuta, Tarapoto carrier and distortion... 1007 back with weaker signal, had not been noted for a few days by several dx friends. slow instrumental music, no flauta andina .. Nothing same time on 13 Feb + tnx Daniel Wyllyans. (Wilkner)
4819.85	Jan31	0230	Birinchi R, Krasnaya Rechka. Kyrgyz talk (Xizang 4820 faded out) // 4010. (AP-DNK)
4824.5	Feb11	2310	Unid. while looking for Perú La Voz de la Selva, Iquitos Spanish weak on 11 February and same time 6 and 9 February . Brasil strong on 4825 so not them (Wilkner)
4825	Feb6	0726	Radio Canção Nova, Cachoeira Paulista, religious comments. (Méndez)
4825	Feb4	2328	R.Canção Nova, Cachoeira Paulista SP, prgr. de propag. relig. (católica, entenda-se); 35342, modulação algo fraca. (Carlos Gonçalves)
4835	Jan30	1417	ABC Alice Springs NT; noted off the air; had hoped to be able to catch AIR Gangtok without ABC QRM, but no such luck, not even a carrier. Both 2325 // 2485 doing well. Jan 31 had 4835 back on the air (Ron Howard, Asilomar State Beach, CA, USA)
4835	Feb5	1903	VL8A, Alice Springs, Territ.º do Norte, inglês, entrevista, relatos informativos; (Carlos Gonçalves)
4835.00	Feb10	1925	VL8A, Alice Springs,English interview with a short musical interlude at 1935 (AP-DNK)
4845	Feb4	2330	R.Cultura do Amazonas, Manaus AM, noticiário obrigatório A Voz do Brasil; (Carlos Gonçalves)
4845	Feb6	2320	R Cult Ondas Manaus. (LHU)
4862	Feb6	2326	R.Alvorada (p), Londrina PR, música; (Carlos Gonçalves)
4865	Feb4	2332	R.Verdes Florestas, Cruz.º do Sul AC, propag. relig., canções; (Carlos Gonçalves)
4870.00	Jan31	0235	R Sedayee Kashmir, Kingsway Kashmiri ann, Indian songs (AP-DNK)
4875,1	Feb4	2336	R.Roraima, Boa Vista RR, noticiário obrigatório A Voz do Brasil; 45332. Sinal muito melhor em 07/2, pelas 2130. (Carlos Gonçalves)
4880	Feb1	1726	AIR Lucknow, India' talks, weak (Bernardini)
4885	Feb1	1729	Echo of Hope, Goyang, South Korea, talks in Korean, fair (Bernardini)
4885	Feb5	0740	Radio Clube do Pará, Belém, comments: "Estamos apresentando Acorda Pará, ..., Bom dia, e Carnaval", "4 horas 44 minutos", "Radio Clube do Pará, bom dia, bom dia". (Méndez)
4885	Feb10	1355	[non]., song, and 1400 Korean announcement; Echo of Hope from the SOUTH is the SSOB now at S9+10, better than Australia on 4835. No jamming audible (Glenn Hauser, OK)
4885	Feb13	0920	Radio Clube do Pará, Belém, PA with IS by om repeated "kiloherts and medium wave and shortwave fqys".... (Wilkner)
4885.03	Jan31	0240	R Dif. Acreana, Rio Branco, AC (presumed) Portuguese ann, Brazilian pop songs. The only South American station audible! (AP-DNK)

Both Brazilian stations on 4885 are inactive as per WRTH 2016. But ZYG362 Rádio Clube do Pará was recently heard elsewhere, and would match the offset. (73, Günter Lorenz)			

Dear Günter, I also saw the information about the two Brazilian stations on 4885 kHz in WRTH 2016, which is edited not later than November 2015.			
But from experienced DX-ers in Brazil and USA I have the information from December-January, that R Clube do Pará signs off at 2230 and first opens at 0700. Whereas R Dif. Acreana is on the air from 0900 till 0400. Best 73, (AP-DNK)			
4895	Feb2	1538	AIR Delhi, Kurseong, India, news in English, fair (Bernardini)
4896.0	Feb12	1354	S6 carrier definitely here, probably AIR Kurseong off-frequency from 4895, which we know is not unusual for AIR stations. Searching archive finds a previous report from *2013y*: ``4896.0 AIR Kurseong, 1324 + 1448, Feb 12. Again off frequency. (Ron Howard, Asilomar State Beach, CA via DXLD)

So perhaps they only do this on Feb 12s?! At this time this year, there were plenty of other JBA carriers on 60m matching correct AIR frequencies, as well as Tibet, Indonesia, China (Glenn Hauser, OK via DXLD)			
4910	Feb1	1732	AIR Jaipur, India, talks, fair signal but low mod. (Bernardini)
4910	Feb5	1733	AIR Jaipur, English, news, at 1734 Vernacular comments. (Méndez)
4910	Feb7	2148	VL8T, Tennant Creek, texto, canções; QRM de CODAR. (Carlos Gonçalves)
4915	Feb13	0926	Radio Daqui Goiânia, GO, with weak signal, some fade outs 0955 music 12 Feb, also noted 1020 with weaker signal on 13 Feb + tnx Daniel Wyllyans (Wilkner)
4920	Feb2	1540	AIR Delhi, Chennai, Índia, English news, fair over China (Bernardini)
4925.2	Feb6	2328	R.Educação Rural, Tefé AM, ID e anúncio das freqs., canções; (Carlos Gonçalves)
4930.00	Feb10	1945	VOA, Moepeng Hill English talk, screaming children, ID (AP-DNK)
4940	Feb2	1545	Voice of Strait, Gutian, China, songs, fair //6115 (off at 1600 on 3/2) (Bernardini)
4949,7	Feb4	1921	RNA-Canal "A", Mulenvos, noticiário, Jornal Desportivo; QRM adj. de sinal de ponto a ponto. (Carlos Gonçalves)
4949.74	Jan31	0255	R Nacional de Angola, Mulenvos Portuguese talk (AP-DNK)
4950.02	Feb3	-1600*	AIR R. Kashmir, Srinagar, talks, end bc at 1600 weak (Bernardini)

4955	Feb4	2339	R.Cultural Amauta, Huanta, quíchua, texto, canções índias; 35342. Sinal muito melhor em 06/2, pelas 2330. (Carlos Gonçalves)
4955	Feb6	2337	R Cultural Amauta. (LHU)
4970	Feb3	1540	AIR Shillong, India, talks, mx, "This is the Northern Service", EE nx, fair (Bernardini)
4970	Feb10	1356	AIR Shillong, randomly 1356-1547. Preempted regular programming for special live coverage from Jawaharlal Nehru Stadium in Shillong of the women's "football" (soccer) match between India and Sri Lanka; alternating coverage in English and Hindi; part of the 12th South Asian Games being held in both Shillong and also in Guwahati. The games end on Feb 16. http://goo.gl/X2bYJy . Look for more live coverage from Shillong. Found no AIR stations //. Shillong today did not switch over to the usual audio feed from Delhi (1512-1515 advertisements; 1515-1530 news in Hindi; 1530-1545 news in English), but instead continued with the live sports coverage. Shillong is the capital and hill station of Meghalaya, also known as "The Abode of Clouds", one of the smallest states in India. It is said that the rolling hills around the town reminded the European settlers of Scotland. Hence, they would also refer to it as the "Scotland of the East" (Ron Howard, Asilomar State Beach, California, USA)
4970	Feb10	1300	CNR1 jamming. As of Feb 10, continue to hear the jamming of AIR from just before 1300 till about 1331. Is here instead of being on 4790 against the BBC. Seems they are locked in here and may never note their error in frequency! (Ron Howard, Asilomar State Beach, CA, USA)
4970+	Feb11	1330	S8 carrier, same past 1333, so apparently AIR Shillong, slightly on hi side, rather than the CNR1 jamming which has been here for weeks by mistake instead of blocking BBC Uzbek on 4790 at 1300-1330 only, as reported by Ron Howard. If we could get it better than this, like Ron, we could be hearing Hindi/English coverage of the XII South Asian Games until Feb 16, pre-empting regular programming including Delhi news at 1530, as I quote him on WOR 1812 (Glenn Hauser, OK)
4980	Feb1	1740	PBS Xinjiang, Urumqi, China, music, talks, fair/good (Bernardini)
4990	Feb6	2330	R.Apintie (p), Paramaribo, texto, música; (Carlos Gonçalves)
5004.99	Feb4	0520	Very poor signal combating storm noise far from our area, with music, presumed R. Bata. I'm checking during this hour encouraged by Ron Howard re-hearing it in further California. By 0543 it's up to S7 with talk, can't tell if Spanish; 0556 still JBA. Very slightly on the lo side (Glenn Hauser, OK)
			----- Hi Glenn, Feb 7 on 5005, RNGE signed on between 0531-0541, with 0541 till 0601 pop African music and very brief announcements in Spanish; 0601 till tuned out at 0621 with non-musical segment; 0601-0614 alternating announcers in Spanish with what sounded like news; 0614-0621 monologue in Spanish; poor, but audio nicely above threshold level. Their sign on time varies a great deal; no consistency at all. (Ron Howard, California via DXLD)
5005	Feb9	*0522-	RNGE, R. Bata. Straight into pop music; very weak and unable to make out language; not a good day for them! (Ron Howard, Asilomar State Beach, CA, USA)
5010	Feb1	-1740*	AIR Thiruvananthapuram, Kerala, end nx in English, talks vn, good (Bernardini)
5010			AIR, Thiruvanthapuram, 1707-1733, Feb05, Hindi comments, Vernacular songs, at 1730 news, English. (Méndez)
5010	Feb1	2300	R. Taiwan & CNR Jammer, good, mixed (Bernardini)
5015	Feb6	2341	WRMI. (LHU)
5035	Feb5	2335	R.Aparecida, Aparecida SP, prgr. Com A Mãe Aparecida; 34332, QRM adj. de CUB 5040. (Carlos Gonçalves)
5040	Feb2	1548	AIR Jeypore, India, talks, fair (Bernardini)
5040	Feb5	1721	AIR, Jeypore, Hindi songs. (Méndez)
5050	Feb2	-1600*	Beibu Bay Radio, Nanning, China, talks Asian lang, slow songs, fair (Bernardini)
5066,4	Feb4	1915	R.Télé Candip, Bunia, dialecto local, música afric., texto; Melhor sinal em 05/2, pelas 1900. (Carlos Gonçalves)
5066,687	Feb6	1949	R Candip, Bunia very nice signal. (LHU)
5066.39	Feb1	1747	Radio Candip, Bunia, Congo Dem., nice Afro songs, weak/fair (Bernardini)
5109.73	Jan31	0300	WBCQ, Monticello, ME English frequency ann, conversation, song - best in USB (AP-DNK)
5460	Feb12	0037	Radio Bolivar , Bolivar - La Libertad , Peru - Onda Corta - Con musicas tradicionales Peruana https://www.youtube.com/watch?v=mJo1HtZelAA&feature=youtu.be (Daniel Wyllyans Nova Xavantina MT Brazil via HCDX)
5905	Feb11	1220	Deutsch Wetterdienst med väderrapport. (DO)
5910	Feb7	2217	Alcaraván R via La Voz de tu Conciencia, Lomalinda, castelhano, pequeno conto; QRM adjacente. (Carlos Gonçalves)
5910.05	Feb4	0547	Tropical music at S9+15, so Alcaraván Radio is back on its usual + offset; no QRM now.

BTW, the Tennesseans on 5830, 5890, 5935 are much weaker, S7 very poor, not always the case. I had thought HJDH inactive, as I have not been hearing it after ~0630 when I usually start bedtime monitoring. Maybe they sign off circa 0600 now? Also check for sibling on 6010, finding only a JBA carrier, maybe something other than Conciencia. I don't check again until 0744 when 5910 is definitely off.

I see in WRTH 2016 schedule as 23-10 UT for both 6010 and 5910, but 5910 has a single dagger by it, unexplained, unlike the double dagger meaning inactive next to the only other Colombian SW listed, HJOY, LV del Guaviare, 2000-0300 with 5 kW on 6035 --- which has been gone for years, so is there some reason to expect it back?

The April 2015 Domestic Broadcasting Survey from DSWCI has it on the ever-expanding roster of deleted stations, as not heard since May 2011 (Glenn Hauser, OK)

5910.25	Feb6	0735	Alcaraván Radio, Puerto Lleras, religious comment in Spanish by Martin Stendal, id. "Vd. está en sintonía del Sistema Alcaraván Radio, son las 2 de la mañana con 51 minutos", Latin American songs, id. "Desde Puerto Lleras, departamento del Meta, transmite Alcaraván Radio, 1530 AM y en onda corta 5910 kHz." (Méndez)
5914.993	Feb1	0630	Myanmar R, Naypyidaw, fair S=7. Noted in neighbour eastern Thailand unit. (wb, wwdxc BC-DX TopNews Febr 1st)
5915	Feb6	1748	ZNBC-Radio 1, Lusaka, dialecto local, texto, hinos relig., noticiário em inglês, às 1800, música, já c/ emissão novamente em língua africana; (Carlos Gonçalves)
5915	Feb6	2000	R Zambia med nyheter. (DO)
5915.00	Jan31	0305	ZNBC, R Zambia, Lusaka English talk (AP-DNK)
5939,9	Feb4	2340	R.Voz Missionária, Camboriú SC, propag. relig. quase ao estilo do D.Miranda, da SRDA; (Carlos Gonçalves)
5950	Feb2	1425	V of Tigray Rev., Ethiopia, talks, mx, weak/fair (Bernardini)
5950	Feb6	1746	Voz da Revolução do Tigrê, Geja Dera (ou Geja Jawe?), dialecto local, texto, música do chamado Corno de África; 34432, QRM adjacente. (Carlos Gonçalves)
5952,5	Feb4	2342	R.Pío XII, Siglo XX, quíchua, texto; QRM adjacente. (Carlos Gonçalves)
5952.36	Feb13	1025	Pio XII, Siglo Veinte in ssb to avoid co channel slop. om and yl in language , fair signal at best, been missing often 2300+ band scans (Wilkner)
5965	Feb6	0741	Radio Transmundial, Santa María, religious comments, id. "Transmundial.com.br". (Méndez)
5985	Feb2	1430	Myanma Radio, Phin Oo Lwin, Myanmar, talks, some mx, weak/fair (Bernardini)
5985.00	0035	5.2	Myanma R, Naypyidaw Bamar talk with musical interludes (AP-DNK)
5990	Feb1	1607	Shiokaze/Seabreeze (via Yamata). Clear of the NK jammer this morning with CH programming until 1630, then Korean. (Dan Sheedy)
5995	Feb5	0732	Radio Mali, Bamako, French, comments. Bad modulation. (Méndez)
5995	Feb4	2344	R.Mali, Kati, dialecto local, texto, música pop'; QRM adjacente. (Carlos Gonçalves)
6005	Feb7	0818	R MiAmigo. (LHU)
6006.627	Feb1	0634	Dac Lac spurious, S=5 -98dBm signal. Wobbling signal some +/-5 Hertz up and down. (wb, wwdxc BC-DX TopNews Febr 1st)
6010.1	Feb5	0733	La Voz de tu Conciencia, Puerto Lleras, religious comments in Spanish, Martin Stendal, mentioned "Rey de Reyes". Also noted on Feb6 id. at 0845 "La Voz de tu Conciencia". (Méndez)
6015	Feb1	0400	S9 signal, YL with Habari = news in presumed Swahili from ZBC (Glenn Hauser, OK)
6015.00	Jan31	0310	Zanzibar Broadcasting Corp., Dole Swahili talk. QRM 6020 Chinese (AP-DNK)
6020	Feb4	0746	I have an S7-S9 signal, no QRM at all, with lo-key talk possibly in English; 0748 music, 0753 talk, 0758 piano music, and singing past 0801. 0802 an announcement I think mentioning NBC, cut off the air abruptly at 0802:44*. I figure the reactivated NBC outlet here has finished with its day frequency at 7 pm local, and is moving to night frequency 3325, which I do not expect to propagate this early, and do not hear; and besides it's way past my bedtime. This was certainly not on 6020.7 where Karel Honzik recently reported it by long path to Czechia around this same time of day; maybe initially they did not have the frequency accurately tuned up.
			Yet I'm awake again at 1248, to find an S9 signal with music on 3325, maybe a second carrier? Not sure. But I decide this is Indonesia, q.v. (Glenn Hauser, OK)
6020	Feb4	1315	I finally check NBC's day frequency, and there it is, after midnight local time! With Indonesia on 3325, and only two frequencies available, it makes sense to stay/resume on 6020, altho designed for day propagation only. This is S9, and no sign of Vietnamese from Vietnam, or anything else on 6020. I hear some English words, constitution, people of Solomons, so in suspected Tok Pisin; lo-key studio announcer is interviewing various people on phone, with brief instrumental music interludes between, and abruptly faded out when someone else is ready to speak. 1320 seems to mention numbers, phone? 1323 music (different music on 3325 with Indonesia); 1324 back to tok in Pisin; 1326 music; 1330 phone talk; 1333 hear feminine voice on phone for first time; 1335 music and running-water ute

			QRM; 1356 woman singing, music past 1400, song maybe mentions ``my country``, anthem? 1401 definite ID by YL as ``NBC National Radio``, back to more music with autotune. At 1402, 6020 is S9+20; 1405 mentions Papua New Guinea, another song; 1410 NBC promo, mostly music. 1415, half a sesquihour after sunrise here, beginning to fade down, to only S9 by 1420; JBA carrier by 1443. If they are still testing the new 10 kW transmitter, can't be sure which frequency if either will be on air at any particular time the next days. I wonder what kind of antenna, not NVIS? (Glenn Hauser, OK)
6020	Feb6	1143	I find myself awake, so check for NBC: there it is with bouncy music at S9, 1150 heavy beat, no CCI, 1156 announcement sounds Tok Pisin, 1158 more music past 1200, to 1201.5 brief announcement, 1202 more music, 1205 announcement (and back to sleep for me). 1357 still S9 but sounds a bit louder with music, 1401 NBC ID, 1402 back to music. Walt Salmaniw in BC was still hearing it at 1632, mostly music, announcements in English. Earlier at first wakeup 1133 I checked for other carriers, and found JBA ones on 2325, 2485, 2850, 3240, 3320, 3325 and at 1147, 4835, i.e. Australia, North Korea and Indonesia. Except for odd one out, 3240, nothing listed, so that could be an harmonic from MW 1620, 1080, 810 or 540. (Glenn Hauser, OK)
6020	Feb6	1656	Tent. R Free Asia with a strong, silent carrier here until 1700 when they signed on with Mandarin service. A jammer started up in the background at 1658. Unfortunately no sign of NBC in the background. (TN)
6020	Feb7	1200	NBC Bougainville from 1200. Clear ID at 1302. A lot of pop mx. Decent strength but with quite muddy speech. (TN)
6020	Feb7	1349	S9 open carrier --- at least I can't make out any modulation, but presumably NBC. By 1407 it's S7 to S9 and maybe a trace of modulation. However, Ron Howard in CA says it was off the air by 1327, after carrying the `Island Praise` show from Voice of PNG, 90.7 FM at 1200-1258 Sundays. He also says they did not switch to 3325; so maybe they just left the carrier on 6020 (Glenn Hauser, OK)
6020	Feb7	1200	NBC Bougainville, 1200-1258. Stacy Rose with her "Island Praise" Caribbean gospel music show (Richie Stephens "In The Name of God," etc.); email, Facebook and Twitter info; many "Island Praise" IDs; "I'm Stacy Rose. Turn up your radio. You are listening to 'Island Praise' right here on the Voice of PNG, 90.7 FM "; "Island Praise, stay connected"; language lesson where she asked many people if they knew the word "Tandede" (stay right where you are); // 3260. Before 1200 pulsating noise jamming (N. Korea). Off the air by 1327; did not switch to 3325. First heard Stacy's "Island Praise" show back in July 2013 via NBC Madang. (Ron Howard, Asilomar State Beach, CA, USA)
6024,96	Feb8	2230	Tent. Red Patria Nueva (no ID) disturbed a little stronger Xisang on 6025,0 and totally wiped out by CRI on 6020. (TN)
6025	Jan31	0052	two very weak carriers beating, one of which is on the lo side circa 6024.95. Only two listed in Aoki at this time, and which I find to be quite a reasonable explanation: PBS Xizang, Lhasa, Tibet on one of its multiple frequencies, and Bolivia, the off-frequency one, Radio Patria Nueva, which Aoki still denominates by its old name, Radio Illimani. Is that still used on air? WRTH 2016 shows ``Rede Illimani --- Radio Patria Nueva``. Rede would be Portuguese, not Spanish! (Glenn Hauser, OK)
			----- <i>Red Patria Nueva (Radio Illimani), La Paz, Bolivia, YL CX sobre las tradiciones y costumbres, después el OM CX hablando que Bolivia es liderada de forma, Continental. Día 25 Enero 2016 en 1044. (Daniel Wyllyans, Nova Xavantina MT, Brazil, DXLD)</i>
6025	Feb2	1602	PBS Xizang, Tibet, China, English news, good //6130 (Bernardini)
6030	Feb2	1607	Radio Oromiya, Ethiopia, reports like economics, fair/good over China (Bernardini)
6030	Feb5	1718	Radio Oromiya, Addis Ababa, Vernacular comments. (Méndez)
6035	Feb2	1435	Myanma Radio, Naypyidaw, talks, some mx, weak/fair (Bernardini)
6035.05	Jan30	0059	BBS. Just after missing sign on, heard the usual chanting/singing; weak (Ron Howard, Asilomar State Beach, CA, USA)
6040,4	Feb7	2201	R. B2, Curitiba PR, retransm. da R.Aparecida c/ o prgr. Com A Mãe Aparecida; QRM adjacente. (Carlos Gonçalves)
6060.00	Feb9	1320	Sichuan PBS-2, Chengdu talk in a local minority dialect, not Mandarin or Tibetan, music. // 7225 (AP-DNK)
6070.00	Jan31	1035	Atlantic 2000, via Rohrbach German ann, "Funkwetterbericht" with sun activity. The // 9485 via Göhren only had a weak carrier and no audio! (AP-DNK)
6080	Feb5	2336	R.Marumby, Curitiba PR, texto; 23431, QRM na mesma frequência. Inaudível em // 9515, nos dias 4-5-6-7/2, à noite. (Carlos Gonçalves)
6089,854	Feb6	1720	OID should be R Nigeria Kaduna. (LHU)
6090	Feb5	1715	Voice of Amhara, Addis Ababa, East African songs. (Méndez)
6110	Feb6	1804	R.Fana, Geja Dera (ou Geja Jawe?), dialecto local, canções; QRM do IRN, em russo. (Carlos Gonçalves)

6115	Feb2	1442	Voice of Strait, Gutian-Xincheng, China, songs, music, talks, weak/fair (Bernardini)
6115	Feb5	1725	Radio Congo, Brazzaville, French, comments, "Les congolaises", Vernacular songs, at 1803: "Radio Congo, le journal, bonsoir", news, French. (Méndez)
6115	Feb6	1755	R.Congo, Brazzaville, français, necrologia, noticiário das 1800; QRM adjacente. O fecho da emissão ocorreu por volta das 1830. (Carlos Gonçalves)
6120	Feb3	1650	RFA (Tinian)/CNR1 (jammer). Running 50/50 this morning w/ RFA's Mandarin slightly better..sked 16-17. (Dan Sheedy)
6130.0005	Feb1		Lao National Radio in - acc Aoki Nagoya userlist Hmong language program, from Vientiane, SoEaAS type mx. S=8 -76dBm signal. Heard on remote Perseus unit in Thailand. (wb, wwdxc BC-DX TopNews Febr 1st)
6134.810	Feb12	0123	R. Santa Cruz with music, poor, but no ZY het from Aparecida 6135+. As usual, the final digit of a precise frequency readout is not necessarily exact (Glenn Hauser, OK)
6134.85	Feb10	0100	Radio Santa Cruz "Radio Santa Cruz .." ID by om at tune in, nice ! :-) (Wilkner)
6135.2	Feb5	0730	Radio Aparecida, Aparecida, religious comments and songs. (Méndez)
6160	Feb11	0403	Slightly below 6160, but unable to measure exactly; heard both CKZU & CKZN on Feb 11; both with the news at 0403; same programming from both Vancouver and Newfoundland, producing an interesting strong echo effect; echo ended at 0404 with each station giving their local weather ("BC weather," etc.). My audio at https://goo.gl/jPuFdO (Ron Howard, Asilomar State Beach, CA)
6160	Feb11	2320	CKZN St. John's "Christie drops out of race....port authority staff .. Marco Rubio etc... " 2323 good signal (Wilkner)
6165.00	Feb10	0015	Thazin R, Pyin U Lwin Chin ann, English pop song, 0028 Kachin ann, indigenous songs - the first lasted 20 minutes! (AP-DNK)
6170.00	Feb6	1425	Scandinavian Weekend R, Virrat Finnish ann, English song: "Don't Worry - Be Happy" Strong until *1430 Voice of Korea QRM in Russian (AP-DNK)
6185	Jan21	0550	Radio Educación, Ciudad de México, music, comments. Very weak. (Méndez)
6200.00	0055	5.2	Xizang PBS, Lhasa, Tibet Tibetan talk // 4905 (AP-DNK)
6209,9	Feb6	1707	Ronnie w 4 watts played Kizz and Bruce. (LHU)
6210	Feb6	1705	R Ronnie seplade Kiss och Bruce Springstein. DO
6240	Feb6	1605	Carrierwave med Golden Earing. DO
6240,004	Feb6	1609	R Carrierwave very strong. (LHU)
6259,870	Feb6	1608	R Black Arrow w greetings to Per. (LHU)
6261,961	Feb6	1502	Telstar R. (LHU)
6265	Feb7	0835	NORA med bluesmusik. ((DO))
6265,095	Feb7	0811	R Nora strong. (LHU)
6267	Feb13	1800	Sallandseboer med 50-talsmusik. (DO)
6285	Feb13	1015	Misti spelade James Last och Hot Butter. (DO)
6290	Feb6	1540	MRF med Samantha Fox och Al Bano & Romina Power. (DO)
6291,991	Feb6	1703	R Montferland w good signal. (LHU)
6292	Feb6	1700	R Montferland spelade Wet, Wet, Wet för oss lyssnare. (DO)
6295	Feb13	1510	NMD stark med pop och hälsningar till oss på chatten. (DO)
6304,842	Feb6	1616	R Marabu strong. (LHU)
6317	Feb13	1725	Rock Radio Network blev dagens ända nya pirat för mig. De spelade Asia och Barclay James Harvest. (DO)
6325	Feb6	1610	Little Feat Radio hördes bra med popmusik. (DO)
6325	Feb13	1515	Kilohertz med tysk popmusik. (DO)
6325,034	Feb6	1619	Little Feet R w greetings to me. (LHU)
6399	Feb7	0830	Good Ship Venus spelade syntmusik. (DO)
6399,047	Feb7	0824	R GSV. (LHU)
6910	Feb6	1622	Baltic Sea R on LSB. (LHU)
7030	Jan31	1354	Voice of Jammu Kashmir Freedom Movement (presumed). Indigenous music; unable to make out the language as the signal was weak and also with heavy ham (CW) QRM. Thanks for all the work put into IDing this during the month by Mauno Ritola (Finland) and Sei-ichi Hasegawa (Japan). Greatly appreciated! (Ron Howard, Asilomar State Beach, CA, USA)
7030	Feb9	1400	Radio Sada-e Hurriyet Jammu Kashmir under CW-QRM schwach zu hören. s/off 1413 UTC. (Patrick Robic via A-DX)
7030AM	Feb11	1319	[non]., very poor signal S5, with talk, and music so sure sounds like a broadcast station; however some of the talk could have been a very weak phone LSB ham (XE?) riding in on that carrier; but at 1325 I can hear the modulation on USB setting. Presumably V. of Jammu & Kashmir Freedom Movement, as IDed last month by Japanese DXers and Mauno Ritola; tnx to S. Hasegawa, Jan 15 & 28 between *1310v and 1430*v. Ron Howard had it Jan 31 at 1354, but Feb 1 only until 1347*. In Communication of the British DX Club, Tony Rogers reported it Jan 29 from 1430 to 1445* clearly mentioning ``7.230 MHz`` [in

English?] at sign-off, so maybe they are mis-punching the frequency, temporarily? WRTH 2016 pp. 510-511 says this comes out of a R. Pakistan, Islamabad transmitter, address in Muzaffarabad, but it was then on 3995 at 1300-1430 daily in Kashmiri/Urdu, irregular and times variable. (Glenn Hauser, OK)

7120.00	Feb6	1540	R Hargeisa, Hargeisa Somali talk occasional HAM QRM (AP-DNK)
7120AM	Feb11	1324	also bears a JBA carrier, presumably R. Hargeisa, Somaliland via long-path supposedly in English at this time (Glenn Hauser, OK)
7210.000	Feb1	0646	VoVTN 1st program from Dac Lac, female annc program. S=9+15dB or -60dBm, and accompanied by two spurious signals on 7196.242 and 7223.758 kHz, some 13.758 kHz distance apart away. Wobbling signal wanders some +/-5 Hertz up and down. (wb, wwdxc BC-DX TopNews Febr 1st)
7230.0	Feb1	0651	AIR Kurseong, poor signal, pop mx at S=5-6 tiny level. Kurseong Mehta Club Building, Kurseong-734203, Darjeeling Dist., West Bengal, India <kurseong -at- air.org.in> 1x50 txer(wb, wwdxc BC-DX TopNews Febr 1st)
7233.46	Feb1	0404	S9+20 but undermodulated talk, to music, to talk, surely usual way-off-frequency 100 kW ND Addis Ababa-Gedja transmitter which varies a lot, on both sides of 7235, as we discussed a bimonth ago in DXLD 15-49. Per Aoki with day 1 = Sunday: at 0400 on days 2/4/6 = M/W/F like today, it's V. of Eritrea; on days 1/3/5 = Sun/Tue/Thu it's V. of Peace and Democracy, both in Tigrinya, and nothing on Saturdays. EiBi day numbers are the other system, day 1 = Monday, and frequency as 7236.2, but result in a match to Aoki: VOE on M/W/F; VOPAD on Sun/Tue/Thu. Just the opposite in WRTH 2016! Which uses letters, not numbers designating days of week: VOPAD on M/W/F; VOE on T/T/S and nothing on Sundays. All agree that VOE is for one semihour, while VOPAD is for one fullhour. Perhaps someone can catch an ID and clear up this confusion once and for all: WRTH shows VOE says: ``Dimtsi Ertrai``; VOPAD: ``Yeh Radio Demtsi Selaman Demokratia Ertrai``. Apparently there is no agreement between them on how to spell/transliterate Dimtsi/Demtsi. Or note which days it goes off at 0430 vs 0500. At many other times in evenings, it's plain old R. Ethiopia programming on same transmitter, including English at 16-17, which I've not seen reported in ages; beware of CRI Kshgar also in English 16-17 on 7235.0 (Glenn Hauser, OK) ----- I believe at least in the evenings it is only VOPAD, no more VOE - and it's only MWF 1800-1830v, nothing after 1800 on the other days (but I don't check regularly). No idea about the mornings, wrong time for me. The transmitter is on air at the time scheduled for english, but no chance - it's VERY undermodulated, if at all. VOPAD seems to have a higher level at times. (73, thorsten hallmann)
7236.425	Feb8	1410	JBA carrier presumed the variable Addis Ababa-Gedja transmitter, which I last logged on the other side of 7235; by long path, or short-path grayline? Aoki shows during this hour it should be R. Ethiopia in Arabic (Glenn Hauser, OK)
7255	Feb12	0603	VON. Assume in scheduled Hausa; good reception via strong signal. My audio at https://goo.gl/MVS8GR (Ron Howard, Asilomar State Beach, CA, USA)
7290.00	Feb7	1550	Voice of China, Beijing. CC Show with much laughter. // 7275 and 7365 (AP-DNK)
7315.018	Feb1	0654	AIR Shillong program from Mawgrong, from Meghalaya, only usual all AIR interval string instrumental signal played, S=8-9. Shillong NE Service, Pomdngiem, Opposite GPO, Shillong-793001, Meghalaya, India <shillong -at- air.org.in> 1x50 txer(wb, wwdxc BC-DX TopNews Febr 1st)
7324,945	Febn7	1400	Tent Wantok Radio Light, stronger than the carrier on 7325,0 but audio just at threshold level. (TN)
7390.002	Feb1	0658	AIR Port Blair, proper S=9 signal. Subcontinental string instrument played, followed by female singer Port Blair Haddo Post, Dilanipur, Port Blair-744102, Andaman & Nicobar isl., India <portblair -at- air.org.in> <airportblair -at- rediffmail.com> 1x10 txer (wb, wwdxc BC-DX TopNews Febr 1st)
7495	Feb5	1550	Deewa Radio (Iranawila). In Pashto //9355, 9370 (both Udon Thani) w/ news reports, mention of "al-Shabaab", VOA editorial ("..VOAnews.com/editorial..") & "Voice of America-Deewa Radio" @ TOH. (Dan Sheedy)
7504.92	Feb11	0440	WRNO. Surprised to hear a program in Chinese; brief program ID at 0450 in English ("Thank you for joining us for 'Praise for Today'[?]. We look forward to sharing with you again next week "); WRNO ID with contact info. It will be recalled that back in DXLD 10-24, I reported hearing Arabic via WRNO, just before they signed off; so now before signing off they have Chinese. Needs more monitoring to find out just what is going on here. Daily or weekly? https://goo.gl/m5P9M8 contains my audio, with program ID at 1:00 (Ron Howard, Asilomar State Beach, CA, USA)

9380.00	Feb7	*1318-	AIR Aligarh, National Channel AIR IS, "Vande Mataram" hymn, Indian string music, vernacular ann. (AP-DNK)
9565	Feb4	1929	SRDA, Curitiba PR, propag. relig.; espalhamento de portadora adj. c/ ruído, em 9575 MRC. (Carlos Gonçalves)
9595	Feb7	2212	R.Nikkei , texto, música; QRM adjacente. (Carlos Gonçalves)
9630	Feb4	1922	R.Aparecida, Aparecida SP, prgr. de canções e, às 1930, o Jornal dos Jornais; (Carlos Gonçalves)
9635	Feb5	*0801-	Radio Mali, Bamako, tuning music, French, id. "Radio Mali, emittant du Bamako", French, comments. Bad modulation. (Méndez)
9635	Feb5	1330	R.Mali, Kati dialecto local, texto; ou seja, quase invariavelmente, temos uma portadora forte, porém, c/ um nível de modulação ou de fonte de áudio muito reduzida. (Carlos Gonçalves)
9635,8	Feb7	1122	R.Voz do Vietname, Son Tay, vietnamita, texto; (Carlos Gonçalves)
9665	Feb4	1932	R.Voz Missionária, Camboriú SC, propag. relig., anúncio de n.º de telef., chamadas de ouvintes; (Carlos Gonçalves)
9689.995	Feb2	1000	RFA Tibetan via Al Dhabbaya, S=9+20dB in Doha Qatar remote SDR unit. Endless talk by male and female about Iran political and economical matter after US-Israeli forced embargo? at 1013 UT on Febr 2. (wb, wwdxc BC-DX TopNews Febr 2)
9724,9	Feb6	2305	R. B2, Curitiba PR, retransm. da R.Aparecida c/ o prgr. Com A Mãe Aparecida; (Carlos Gonçalves)
9725	Feb5	0756	Radio RB2, Curitiba, religious comments and songs. // 6135, 9630. (Méndez)
9744.9935	Feb2	1020	Radio Bahrain in usb mode [H3E SSB-FC full carrier), from Abu Hayan site. Arabic singer program. Heard on rather low tiny level in signal skip zone at remote Doha Qatar unit. [(wb, wwdxc BC-DX TopNews Febr 2)
9744.9935	Feb2	1020	Radio Bahrain in usb mode [H3E SSB-FC full carrier), from Abu Hayan site. Arabic singer program. Heard on rather low tiny level in signal skip zone at remote Doha Qatar unit, - at this time of the day. (wb, wwdxc BC-DX TopNews Febr 2)
9745	Jan30	1419	(carrier + USB), Radio Bahrain. Seemed to be the Maghrib (evening) call-to-prayer; for several days have had decent reception; nice selection of music (classical guitar, ME type singing, etc.) (Ron Howard, Asilomar State Beach, CA, USA)
9819,4	Feb4	1935	R. 9 de Julho, São Paulo SP, missa; (Carlos Gonçalves)
9835	Feb7	1120	Sarawak FM via RTM, Kajang, noticiário, prgr. falado; (Carlos Gonçalves)
9835	Feb1	1558	Sarawak FM (via RTM-Kajang). Jingles for Sarawak FM ("Sarawak FM, lagulagu rock and roll..") & one for Wai FM just to keep listeners on their toes. (Dan Sheedy)
11625	Feb5	*1558-	VR (Talata-Volonondry). OC, IS, opening Swahili program w/ ID/drums & inspirational chat. (Dan Sheedy)
11660	Feb3	*1628-	TWR (Manzini). Fair w/ ID/IS loop & starting Oromo program w/ inspirational chat, occ. music. (Dan Sheedy)
11665	Feb3	-1604*	Sarawak FM (via RTM-Kajang). 2 pips, TC for "dua belas malam", Negara Ku, singing "Sarawak FM" jingle, ML pop song & off mid-verse..slight ACI from 11670. (CNR1/VOA mash-up). (Dan Sheedy)
11710.84v	Feb11	0455	RAE. In Chinese; 0458 multi-language IDs and IS; 0500 a double audio feed till 0502* (Ron Howard, Asilomar State Beach, CA)
11735	Jan25	1905	Zanzibar Bo. Co., Dole, Swahili, comments, vernacular songs. (Méndez)
11735	Feb6	1520	Zanzibar BC, Dole, suaíli, música e canções locais de cunho árabe; (Carlos Gonçalves)
11764,7	Feb4	1937	SRDA, Curitiba PR, propag. relig., testemunhos; (Carlos Gonçalves)
11855	Feb4	1923	R.Aparecida, Aparecida SP, canções, noticiário O Jornal dos Jornais, às 1930; (Carlos Gonçalves)
11875	Feb5	*1630-	Bible Voice (Nauen). "Bible Voice Radio.." ID into hymns & inspirational chat in (p) Nuer, closing Nuer program @ 1700 w/ instrumental hymn bridge, fanfare & EG ID @ TOH to start (p) Dinka program. (Dan Sheedy)
11894,9	Feb4	1941	R.Boa Vontade, Pt.º Alegre RS, propag. relig.; QRM adjacente. (Carlos Gonçalves)
11934,9	Feb4	1942	R. B2, Curitiba PR, anúncios de programação, chamadas de ouvintes, canções, conversa; QRM adjacente. (Carlos Gonçalves)
14170U	Jan29	2310	J79WTA. Op Walter from Switzerland with a small pile-up during a "holiday-style" DX-visit to DOMINICA. (Dan Sheedy)
15140	Feb3	1424	Wonderful reception of R. Sultanate of Oman by Ralph Perry today (Feb 3) on 15140 at 1424, with something very unique - a shoutout given to Ralph after DJ "Marcus" played Ralph's music request. Very special and a lot of fun for Ralph!! His audio - https://goo.gl/v1JqEK . Thanks to Ralph for sharing his enjoyable reception. (Ron Howard)
15180	Feb3	1640	VOA (Santa Maria di Galeria). Primarily EG to S. Sudan, a little fluttery but quite readable w/ discussion of human rights abuses. 1654-1700* 5 Feb. Un-fluttery & good this morning //13865 (Wooferton) w/ feature on Sudanese refugee lawyer in OZ. (Dan Sheedy)

15190 Jan31 2306 R. Inconfidencia (M for 'maybe'). Brazuguese discussion w/ ads/promos @ BOH on the 29th & futbol play-by-play on the 31st w/ a fine "goooooooooooooooooal" @ 2318..never much above the noise level, but consistently "almost readable". (Dan Sheedy)

15190,1 Feb5 1930 R.Inconfidência, Belo Horizonte MG, informações várias, anúncios de programação, tudo no progr. A Hora do Fazendeiro; (Carlos Gonçalves)

15545 Feb1 1554 R. Tamazuj (Santa Maria di Galeria). Clear/loud with the (p) Sudanese tone jammer still on 15550. (Dan Sheedy)

Checked the local 1 pm reception in 49 / 41 / 31 mb in eastern Thailand SDR remote unit today:

5914.994 MMR noted rather tiny S=5-6 at 0600 UT, local noon decrease

5975.0 VTN VoVietnam Son Tay site, also S=5-6

6020.0 VTN VoVietnam Dac Lac site, and as usual two symmetrical spurious signals 'seen' as peaks as 6006.624 and 6033.376 kHz.

6130.0 LAO Lao National Radio, Vientiane site, tiny at 0610 UT.

7210.0 VTN VoVietnam 1st progr service from Dac Lac site, and as usual two symmetrical spurious signals 'seen' as peaks as 7196.240 and 7223.760 kHz.

7230.0 IND Probably AIR Kurseong at S=6-7 signal 0615 UT Febr 14.

7274.978 CHN UNID - Probably PBS Xinjiang from Urumqi, tiny S=3-4.

7295 nothing of RTM Traxx FM Kajang Malaysia - anymore !

7390.002 IND AIR Port Blair, S=7 signal at 0618 UT. S=9+5dB at 0915

9459.991 MMR Myanmar RS, Pyin U Lwin, northern bcst center, modern hip hop pop mx, at 0619 UT, S=8

9589.997 MMR Myanmar RS, Pyin U Lwin, northern bcst center, little less S=7-8

9720.003 CHN CNR2 Baoji, weak and tiny

9730.0 MMR Strongest Burmese MMRS station, probably from old British Empire bcst center Rangoon Yegu, S=9 at 0627 UT

9835.0 MLA RTM Sarawak FM still on service, heard Asian pop mx, at S=8 0630 UT Febr 14.

(wb, wwdxc BC-DX TopNews Febr 14)

Contributors to the log:

wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX	Manuel Méndez, Lugo, Spain
Glenn Hauser, Enid, OK, USA (also from WOR&DXLD)	TN, Thomas Nilsson, Ängelholm, Sweden
Christoph Ratzer, Salzburg, Austria (also from A-DX)	Daniel Wyllyans Nova Xavantina MT Brazil via HCDX
Ron Howard, San Francisco at Ocean Beach, CA, USA	Dan Sheedy Encinitas, CA
AP-DNK, Anker Petersen, Skovlunde, Denmark	Carlos Gonçalves, Lissabon, Portugal
Robert Wilkner, Popano Beach, USA	Noel R. Green England via DXLD
Giampiero Bernadini, Milan, Italy	Patrick Robic via A-DX
Günter Lorenz, Germany	Thorsten Hallmann via DXLD
DO, Dan Olsson, Furulund, Sweden	LHU, Lars Jeppesen, Saxtorp, Sweden

Station news

GUATEMALA. 4055, Feb 4 at 0528, **R. Truth** has preacher in English as usual during the final hour of the broadcast day, and still no sign of any clone signals around it. Ditto Feb 4 at 1250, one S7-9 station in Spanish, very poor S6 by 1310. On Feb 3 got this from Dr. Madrid:

``Dear Glenn Houser and Víctor Gutiérrez: Our test transmissions for Radio Verdad are on the same frequency 4055 kHz. However, in some countries the frequency may vary a Little (one or two points). If a country is close to Guatemala, the frequency may vary a little bit, in order not to bother our master signal. We are not using any transmitters, but only computers, which inject the signal into many short wave antennas. They are attempting to maintain the same frequency 4055, as far as it is possible.

It is a completely new technology on trial. A group of European, US and one Mexican Engineers are working on it. It is a scientific experiment in order to rescue short wave. I myself do not fully comprehend the system. The whole transmission system is being controlled by satellite, and also the power injected into all short wave antennas in the whole world.

I have paid different amounts of money for the United States, Canada, Europe, Africa, Russia, China, Japan, Mexico, South America and the Caribbean Islas. I hope everything comes out all right, as it is a scientific experiment.

The schedule is the same as regular Radio Verdad, beginning by 1000 UT up to 0605 UT. This set of tests will last only this weeks. This week transmissions are being sent from Guatemala City, but, depending on the results, we'll start permanent transmissions from Chiquimula. I will appreciate any reports about the quality and strength of the signal. May God be with you, Dr. Édgar Amílcar Madrid, Radio Verdad & Radio Verdad TV`

Can anyone explain how this could possibly work? If I were he, before handing over any money, would insist/demand that the purveyors explain exactly how this is supposed to be accomplished. It makes no sense to me, and I am almost certain this is a scam and a fraud, and have told Dr Madrid so. If anyone is so inclined, a thorough search for 4055v signals on SDRs around the world might disprove this, or prove, if R. Verdad is heard at a time of day when it could not possibly propagate from Guatemala. So far he says he has got good reports from Panamá and Indonesia, no details (Glenn Hauser, OK, WORLD OF RADIO 1811, DX LISTENING DIGEST)

Doesn't this sound that cheaters are injecting Dr Madrid's money to their own pockets. (Jari via DXLD)

This is EXACTLY what I have been thinking. How can you 'inject' a radio signal using a computer and not a transmitter?

Are they trying to 'explain' some sort of 'carrier current' transmitter being experimented in some areas but think saying 'computer' makes it sound 'modern' and 'up to date'?

I've heard some carrier current stations, (for example, there was a student run station at the University of Michigan in the 1970s when I was there that was fed through the University owned and operated power grid. ...

If it isn't that, then I agree with Jari, it is being used as a way to inject money into someone's pockets through fraud. If it IS a carrier current scheme, it may not be fraud, but I also can't imagine it being terribly useful either!

(Kenneth V Zichi via DXLD)

PAPUA NEW GUINEA. I'm officially informed that DRM SW test transmissions from **NBC Bougainville** have occurred during the current testing phase to test linearity of the new 10kW transmitter.

I suspect Bryan Clark in NZ heard one such transmission on February 4th on 6020kHz earlier in local evening. Further DRM testing will occur.

Please don't ask when, as there is no schedule. But you have been alerted to keep an ear out :-)

These DRM transmissions are the first such DRM transmissions to have occurred from PNG.

(Ian Baxter, [AUS via DXLD)

PAPUA NEW GUINEA. NBC Radio Bougainville. Hallo a-dxer, OM Timm Breyel in Malaysia hat NBC Radio Bougainville auf 3325 kHz gehört und den Empfang von NBC bestätigt bekommen. <http://shortwavedxer.blogspot.de/> Wie schon hier berichtet wurde, wird die Tagfrequenz 6020 kHz und die Abend-/Morgenfrequenz 3325 kHz benutzt. Der Sender befindet sich immer noch im Testbetrieb und es wird auch (noch) nicht 24 Stunden gesendet. Offizielle Übergabe ist zum Monatsende geplant.

Momentan ist Programmbeginn um 1900 UT (+/-), da könnte auch was in Europa ankommen.

Es besteht übrigens kein Konflikt mit RRI Palangkaraya, wie zunächst befürchtet. Sendebeginn RRI ist erst um 2155 UT.

(Viele Grüsse, Uwe Volk via A-DX)

PAPUA NEW GUINEA. David Ricquish writes on the WRTH Facebook group: February 3 2016. **NBC Madang** [called Radio Madang by locals] is on **3260 SW** with 4kw [reduced from 19kW says the local technician] and 90.7 FM with 250w. Daily schedule: 1900-2300 UTC NBC Madang; 2300-0700 UTC relay NBC National from Port Moresby; 0700-1200 UTC NBC Madang; and 1200-0200 UTC relay NBC National from Port Moresby. The AM transmitter on 864 is no longer operational. Radio Wantok Light shares the NBC FM tower for 105.9 FM with 600w which covers a greater area. Contact is Makalai Bell, Director Provincial Radio, NBC Madang. Email is rma-dang@nbc.com.pg. This information is correct as at February 3 2016 NZ date.

(Mike Terry via DXLD)

Hi Mike,

Thanks for sharing the interesting post from David re NBC Madang. However a couple of points.

1. I should think that SW TX power reduced from 10kW down to 4kW, not 19kW (typo?)

2. The FM frequency of 90.7 should be for NBC Karai Radio in Madang & not NBC Madang. Happy to be proved wrong on this, but 90.7MHz is a standard Karai service freq throughout PNG.

That said there are frequency reassignments occurring within PNG for the NBC FM frequencies at the moment.

(Ian Baxter via DXLD)

PHILIPPINES. Radio Veritas Asia: 0030-0055 15280 Hindi is now discontinued. Only on the Web and 11825 in the evening however, continues. They are winding down operations slowly. By the end of the year much of S. Asian broadcasts will be gone from Short Wave, only on the web, but I have not checked the web. For me Radio is on the air. Web is something else. I just don't have the time or inclination!! WRTH Facebook group, Victor Goonetilleke. (Mike Terry via DXLD)

URUGUAY. 6125 Radio Difusión Nacional (ex SODRE) current status.

CXA6, the low powered transmitter from RNU, Radiodifusión Nacional del Uruguay, on 6125, devoted to relay MW 1050 CX26 Radio Uruguay, is currently off the air, while work of reallocation of the different transmitters (MW) inside the building. It is expected that it will be resuming around midyear, this 2016.

In a visit to the transmitter site located near Santiago Vázquez, we learned this, and, for the first time we could take some pictures of it.

A photo of the corresponding aerial (halfwave dipole) is shown.



In one of them we appear: From L to R: Horacio Nigro, CX3BZ; Francisco "Pancho" Escobar, CX7AF, site technician, Gabriel Gómez, CX7BI, also DXer for many years here in Montevideo, Uruguay.

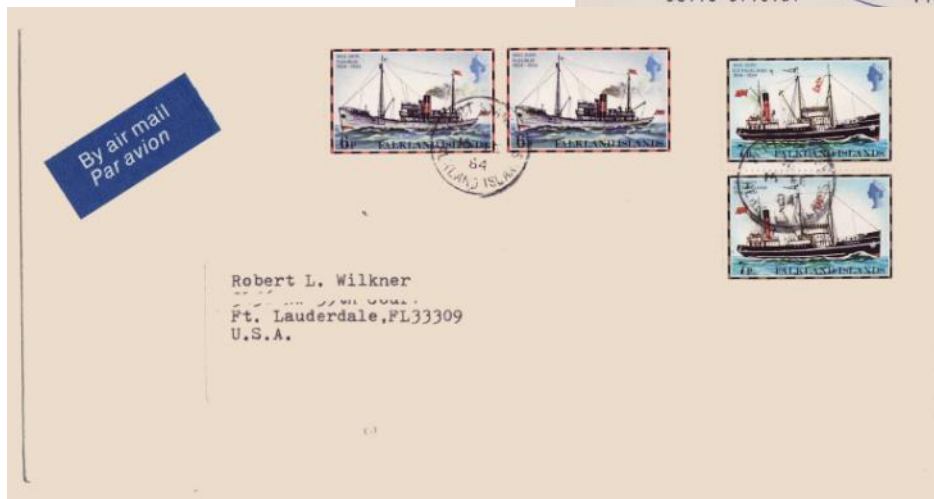
More photos and story about this visit will appear in my blog soon.

(Horacio Nigro, CX3BZ, "[La Galena del Sur](#)", Montevideo, Uruguay)

Other radio news

Falklands Islands War

During the 1982 South Atlantic War was able to verify 24145u utility. Don Jensen discovered the official in charge of Argentine Broadcasting. Cable and Wireless also kindly verified. Remember eating breakfast at a DXSF get together, long ago, when someone pointed out "much of the fun of receiving QSLs my be contained in the stamps on the letters. Fond memories of QSLing in the 1980s. Best 73, Bob (Robert Wilkner)





CABLE AND WIRELESS LIMITED

Incorporated in England

P.O. Box 179 Port Stanley Falkland Islands

Telephone 389

FLK/LOC 169/MGR

Mr RL Wilkner

Fort Lauderdale

U.S.A.

14 February 1984

Dear Sir

Thank you for your letter of 4 February 1984, concerning events of the 1982 invasion and occupation.

I confirm that indeed Argentine military forces "took-over" Cable and Wireless PLC; initially we were allowed to run telegraph telex services under censorship, latterly we were not allowed to run any services. Your supposition was indeed correct, as from the 2 April to 14 June 1982, the branch was to all intents under Argentine Military control, in fact was used almost exclusively for telephone traffic to the Argentine mainland.

Thank you for your good wishes for 1984, and for your interest in the events of 1982 in the Islands.

Yours faithfully

Manager

Geir Stokkeland (c) dx-historie fra Arktis og Nord-Norge fra 80-tallet

<http://www.stellamaris.no/geirmasterpubl.pdf>

Jeg utgir i dag på mine egne nettsider en av våre store dxere Geir Stokkeland (c) sin dx-historie fra Arktis og Nord-Norge fra 80-tallet fra hans egen logg, artikler og korrespondanse. Dette i forståelse med ham. Stoffet er på **397 sider** og spenner over radiolytting på:

- Jan Mayen 1981-1982
- Bjørnøya (Bear Island) 1982-1983
- Finnmark/NW Norway/Faroes/Bjørnøya (Bear Island) 1983-1984
- Hopen Island 1984-1985
- Finnmark/ Bjørnøya (Bear Island)/NW Norway 1985-1986
- Hopen Island 1986-1987
- Svalbard/NW Norway/Mobile Northern Norway inc. Senja 1987-1988
- Local Radio, Radio VLR, Vestnes-Molde 1988-



Bildet er fra Geir på luften på egen radiostasjon 105,3 FM høsten 1992.

Andre kilder: MV-EKO, DX-News, QSO, Sporen, Bygdebladet mm.



Svenn Martinsen via DX-LISTENERS' CLUB.

Anbefales, veldig interessant lesning ! /Arvid Husdal via **DX-LISTENERS' CLUB** Facebook

Manmade interference.

Hello All,

There are many new kinds of manmade interference. Some of them can to some extent be managed by our software.

I have made a new page here: <http://www.sm5bsz.com/lir/crankshaw/crankshaw.htm>

It has two recordings made by Paul Crankshaw in Scotland. There is a daytime recording with few AM stations where the interference more or less dominates. There is also a night time recording with a lot of strong AM stations.

The page has video clips where I try the different blankers in HSDR, perseus.exe and Linrad.

In the daytime recording the vectorial blanker of perseus.exe is outstanding. In the night time recording it works less well, something I think Nico could improve - although I do not quite understand what the processing is....

The wideband blankers of perseus.exe and HSDR are useless while the dumb wideband blanker in Linrad gives some relief.

Narrowband blankers do work, but there is not (yet?) any narrowband blanker in Linrad. In Linrad one can use the AGC as a blanker by setting a long attack time and short release and hold times.

I think the interference is some kind of switchpower. It is frequency modulated with a triangular wave and on-off keyed.

It shows some similarity with this interference: <http://www.sm5bsz.com/linuxdsp/usage/bengan/bengan.htm>

I am still interested in wideband recordings with interference problems in them. Files I can make available for future SDR development here: http://www.sm5bsz.com/rf_library.htm

(Regards, Leif Asbrink via Perseus_SDR)

Amateur Radio Roundtable, Heard Island DXpedition ready to go

This week's guest on W5KUB.com's Amateur Radio Roundtable (Feb 9) will be Dr. Robert Schmieder, KK6EK, from Walnut Creek, California. Bob is the founder and Expedition Leader of Cordell Expeditions, a nonprofit research group started in 1977. The group is responsible for the creation of the Cordell Bank National Marine Sanctuary and for numerous research expeditions to remote oceanic sites. Bob is a research physicist, by profession, with about 100 publications and four patents.

During our webcast, Bob will provide details and an update on the progress of the Heard Island DXpedition. They depart on March 1st for the 45 day event. The DXpedition will be operating for 21 days but the entire trip takes 45 days to complete. We hope to have live updates from this group during our Tuesday night shows in March.

To learn more about the Expedition, go to their website, Heard Island: The 2016 Cordell Expedition and/or subscribe to their newsletter.

Next week (Feb 16) Riley will be back with us. Riley Hollingsworth, K4ZDH is the former FCC Special Counsel for Enforcement in Amateur Radio, and will answer your questions. Send your questions to askriley@w5kub.com for discussion in the program. The phone lines will be available for questions. Joe Eisenberg, K0NEB will be back showing some new kits.

If you missed last week's show on FlexRadio Systems you can watch it here.

W5KUB.com webcasting was proud to be featured on radio station KTKK in Salt Lake City, Utah on Saturday, Feb 6. The program's host was Pat Daniels, K7LNP, and the name of his show is The Fringe Radio Show. You can hear the archives here.

We are proud to announce a new sponsor of our webcast, CQ Amateur Radio Magazine, a magazine for active hams, with a focus on the practical. The magazine is available in both print and digital editions.

Amateur Radio Roundtable, is a live weekly amateur radio and shortwave program, held every Tuesday night at 8 PM CST (0200 UTC Wednesday). The show can viewed at W5KUB.com or heard on shortwave radio station, WBCQ on 5110 KHz.

To watch Amateur Radio Roundtable on Tuesday evenings, go to W5KUB.com. If you are listening on 5110 KHz, we would like to hear from you. Please send an email to tom@w5kub.com and tell us your location and signal report.

We need help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com. Forward this message to a Friend will allow you to share this message with your friends.

Join us for fun and interesting discussions!

(Tom Medlin, W5KUB, DX LISTENING DIGEST)

Kiwi-SDR

Moin, es gibt wohl eine neue WEB-SDR-Entwicklung: KiwiSDR Das ist ein Add-On-Board "Cape" zu einem Linux-Einplatinencomputer "Beaglebone Black". <http://beagleboard.org/BLACK>

Die Hardware arbeitet mit der Software "openwebrx" zusammen: <http://sdr.hu/openwebrx>
Dort findet man auch eine Liste mit anderen RX, wobei die Hardware teilweise auch auf simplen RTL-Sticks mit Upconverter basiert: <http://sdr.hu/>

Hier eine Blogseite, die weitere interessante Links enthält, u.A. auch den Schaltplan einer Aktivantenne: <http://www.jks.com/KiwiSDR/>

Denke, daß man das Projekt im Auge behalten sollte...
(vy73, Christof Proft via A-DX)

Re: perseus vs cloud IQ

*Can anyone point out some pros and cons between these two radios and why you would choose one over the other?? i have listened to some comparison recordings and it's very difficult tell them apart. I'm on the fence between these two sdr's, but I tend to be leaning towards the Perseus because i had one for a short time a few years ago, loved it, but had to sell it due to a divorce. The Cloud IQ is a newer design, a bit cheaper, but is it better in any other aspect?
(Thanks, John Ferrow via Perseus_SDR)*

I hadn't intended to take part in this thread, but I noticed a couple of posts from people who have obviously not used the CloudIQ. Perhaps people who use both on a daily basis may give less biased opinions.

It's mostly about software, and what you intend to do with it. Automated recording sessions? Need detailed waterfall/spectrum? Receiving digital modes? Hassle-free installation? Remote operation? Web operation? The native softwares from both Perseus and CloudIQ have their pros and cons (but to be fair I don't understand what's so dreadful about Spectravue), but there are alternatives, like Jaguar Lite for Perseus and SDR-Radio + HDSDR (and others, I believe) for CloudIQ.

Since the CloudIQ is quite new, here are some of my impressions: The CloudIQ is 5-6 dB more sensitive than the Perseus, but unless you live in a very quiet RF environment, and hunt very weak signals, it won't matter much. The CloudIQ is extremely easy to set up with no USB driver problems (ethernet connection), it can be set up as a web server (without a local PC), and is accessible via web for anyone if you would want to share the radio. The manufacturer RF Space has a long history of making excellent hardware, and providing excellent service for the user.

I have four Perseus, three of which are my main receivers used in combination with Jaguar, + one CloudIQ and one on loan. What my main receivers will be in the future depends on how the software develops. It may well be the CloudIQ.

(Bjarne Mjelde, arcticdx.blogspot.com via Perseus_SDR)

Perseus Datenbanken aktualisiert - neue Adresse

The Perseus Databases were updated with the following frequency lists:

MWList/TBL 20160205
EMWG/ELWG 20160205 (last edition from Herman Boel)
KOJE/KOH/KOMEX 20160131
Eibi 20160120



<http://www.radio-portal.org/sdr.html> - SDR-Special

Due to a kind offer from Günter Lorenz a new location for my files could already be found:

<http://www.myradiobase.de/perseus/DJ6JZ/>

Please bookmark this address for later reference.

(vy 73, Willi, DJ6JZ via Perseus_SDR)

Perseus buttons: Snap and FFT

Snap is "snap to grid". If you click on the waterfall, the cursor snaps to the nearest grid kHz/Hz raster of your selection. F.i. with 1kHz snap, click on 11.1746 MHz and Perseus automatically selects 11.1750 Mhz

FFT is more complex. It is a setting to get optimal FFT resolution depending on circumstances.

- "Time" has a fast time response, but more frequency domain line "blur". If you want to read CW this is best.

- "Freq" has a sharper freq. line resolution, but more "tailing" in the time domain. This mode will tend to connect the dots and dahs in CW.

- "Mix" combines both to get a good average, somewhere in the middle.

(73! Paul Via Perseus_SDR)

Snap has 4 positions, off, 100 Hz, 500 Hz and 1 kHz.

With this function you can select the frequency the tuning "jumps" on when you double click on the waterfall. At off it does nothing of course and at 100 Hz, it "jumps" to the nearest 100 Hz. In other words, it provides a fixed tuning grid of 100 Hz, 500 Hz or 1 KHz.

Time, Mix and Freq effect the way signals are displayed on the waterfall screen. For reading Morse Code off screen, I use Time.

(Roelof Bakker Via Perseus_SDR)

Schweden: Parlament begräbt Digitalradio DAB+

Hallo allerseits, SatellitFax brachte heute diese Meldung:

"Das schwedische Parlament hat sich einstimmig gegen das digital-terrestrische Radio DAB+ entschieden. Die Migrationsphase zwischen 2017 und 2022 wurde von allen acht Parteien im Parlament abgelehnt. Bereits im Juni 2015 hatte sich die Regierung gegen DAB+ ausgesprochen. In Zukunft soll UKW weiter die Grundversorgung mit Radio übernehmen, ergänzt um mobiles Internetradio über 3G und 4G.

Das staatliche Sveriges Radio sieht sich nach dem Parlamentsbeschluss gezwungen, seine digital-terrestrischen DAB-Sendernetze abzuschalten. Von der Regierung verlangt man jedoch, die mobile Internetradioverbreitung im Jahr 2018 erneut kritisch unter die Lupe zu nehmen. Die kommerziellen Radiogruppen Bauer und Modern Times Group halten noch zwei nationale Lizenzen für DAB-Multiplexe, haben aber bereits angekündigt ohne Sveriges Radio alleine nicht in den Ausbau von DAB+ zu investieren.

Mit der Entscheidung isoliert sich Schweden jedoch von der übrigen Entwicklung des digitalen Radios in Europa. Das Nachbarland Norwegen schaltet 2017 nicht DAB+, sondern UKW ab. Erste Privatradios haben bereits ihre UKW-Frequenzen verlassen und senden nur noch digital-terrestrisch."

(Gruß, Wolfgang Thiele via A-DX)

Dab in Europe

In Norway now over 20 channels (NRK and commercial channels) broadcast in the digital terrestrial network, compared to five channels in FM. The advent of new channels, according to NRK meant listening to the radio has increased and reached new radio listening groups.

Switzerland has decided to switch from FM to DAB + in 2020-2024.

While the UK and Denmark has extended its digital radio network. In Britain, a powerful additional expansion occurred in the past year. The decision is a new frequency layer for commercial radio with more channels in 2016. The government in the UK has not yet decided on a plan for the transition from FM to digital radio.

The Danish network is also expanded. In Denmark, made in the autumn of 2015 a survey to give politicians and radio

industry basis for further decisions.

In addition to these four countries there are three countries where digital radio is now being expanded rapidly. It is Germany, the Netherlands and Poland. Another dozen countries, including France, transmits digital radio at different levels and at different stages of development of the digital terrestrial network. In some countries, these are outright attempts, others have been longer.

The standard used is DAB + (or the earlier version of DAB). It is also the standard that the EBU (European Broadcasting Union) has recommended. In some cases, EBU means, also the additional DRM technology is used. See link to the EBU Recommendation R138 below.

More about the expansion of digital radio in Europe, see www.worlddab.org
(From www.sverigesradio.se.)

Colombia DX Blog update

My Colombia DX Travel Blog now has a complete medium wave bandscan with station recordings for the Cali area. Cali is the third largest city in Colombia. There is also a section of some "DX" (non-local) MW stations I heard



in Cali. The regular travel blog has also been updated with photos from Cali.

I had some great (and quiet) conditions a few days ago while staying in rural areas near Armenia, in the coffee region. I haven't begun to go through those recordings yet.

<http://www.pateplumaradio.com/blog/colombiadx/index.html>

Humpty Dumpty was pushed.

Radio & Latin American website: <http://www.pateplumaradio.com/>
(Don Moore --- donmooredx@yahoo.com via DXPlorer)

This photo of Don Moore, webmaster of the Patepluma website, was taken at a DX get-together in Madison, Wisconsin, USA in August, 1999.
<http://donmoore.tripod.com/gp/dhmphoto.htm>

US Ham Radio licenses at all-time high

Southgate, February 9, 2016

The Ironton Tribune reports amateur radio licenses are at an all time high, with over 700,000 licenses in the United States

Many hams have a ham radio license so they can help their communities during emergencies. Weather related emergencies such as tornados, hurricanes, flooding, lightning, can see power failures and loss of communication. Hams have and DC operated gear, some have generators. The repeaters hams use have backup generators. When all other communications including phones and cell phones fail, ham radio can communicate.



During an emergency hams are needed at the scene, shelters, fire stations, local red cross stations, law enforcement, 911/EMA, and many others. Several of the local National Weather forecasters are hams.

Each year SOARA – ARES has 20 or more hams helping provide communications for the Memorial Day Parade. Also communications in the Christmas Parade. We can provide communications for runs like 5K run and other activities in our communities needing communications. Ham radio is very much needed for many things in our communities, we need more hams to help.

Many astronauts are ham radio operators. Amateur Radio is used as a back up for the Space Station communicating with Houston, Cape Canaveral, and other needed locations. Their normal communications have failed more than once and they used ham radio. Part of their training is an optional Amateur Radio licensing class. Once licensed and in space, these astronauts can use Amateur Radio to communicate with people here on Earth. Hams with the proper equipment may be able to schedule a contact with the space station when it is passing over your location.

Read the full story at <http://www.irontontribune.com/2016/02/08/ham-radio-licenses-at-all-time-high/>

What is Amateur Radio? <http://www.essexham.co.uk/what-is-amateur-radio>

Find a UK amateur radio training course near you <https://thersgb.org/services/coursefinder>

[Ham Radio licenses at all-time high | Southgate Amateur Radio News](#)

(Mike Terry via DXLD)

Lista på grejor som är till salu efter SM4EXP Lars Lundström Borlänge/Stockholm

Här kommer en lista som ni kan lägga upp på hemsidorna för ARC och short-wave bulletin och länka till i SWB och MV-Eko.

Nåra grejor är sålda men det skall finnas 2 st ANTENNFÖRDELARE till salu.

Lite länkar till Lars Lundströms Hemsida (TROR ATT EN DEL KÄNDE HONOM!)

<http://privat.bahnhof.se/wb850982//index.html>

<http://privat.bahnhof.se/wb850982//>

Han höll visst på med en del Mellanvåg också..... Kolla noga på hemsidan.

Den som sköter försäljningen heter: Bengt-Åke Eriksson, SA0AGA, Skogsslingan 1, 127 41 SKÄRHOLMEN
Telefon: 08-7105600, 070-6998497
E-post: sa0aga@ssa.se eller sa0aga@gmail.com

(73 de DAN Andersson i Delsbo)

Fabrikat	Inv	Typ nr	Benämning	Antal	Man	Lag	Radio Loppis Grön
Kenwood	1	TS-2000	Tranceiver HF/50/144/432/ATU 100W	1	X	S	
Icom	6	IC-735	Tranceiver HF 100W	1	X	S	
SKANDI	9	R5001	Mill-Spec Communications Receiver 10 kHz to 29,999.9 kHz. F1, A1, A2, A2H, A3, A3H and upper sideband A3A and A3J signals	1	X	S	
WinRadio	12	G313e	Receiver SDR	1		S	
WinRadio	13	CSSO	* option Client Server	1		S	
WinRadio	14	DRM	* option DRM system for medium and short waves. Lic code	1		S	
Signalink	16	SL1+	PSK Modem	2		S	2X
Heatkit	18		mikrofon	1		S	X
BHI	22	NES 10-2	Högtalare noise eliminating	1		S	
Bencher	26	ST-2	Single Paddle, Chrome Base	1		S	
Sveby	27	SEAB-57	Krafttaggregat 13.8V 30A	1		S	
ProPower	31	PS1320	Krafttaggregat 13.8V 20A	1		S	
AlfaElect	34	AL370S	Krafttaggregat 3-15V 7A	1		S	X
Biltema	35		Laddare 5 -12 V 1A	1		S	X
USB 2	36		Fyra portar USB HUB	1		S	X
Wavecom	37	W4010	Multimode Radioteletype decoder	1	X	S	
SCS	38	PTC-II	DSP MULTIMODE PACTOR-CONTROLLER	1		S	X
Tono	39	5000E	Terminal send/receive of Morse Code (CW), BAUDOT Code (RTTY), ASCII Code (RTTY) and new ARQ/FEC.	1	X	S	
Rode& Sch	41	NV4/50 Z/1	Ant amplifier 1,6 - 30MHz	2		N	
CDE	42	H-IV/CD-45-11	Rotor Direction Control Ham Radio Vintage:	1		S	X
Hams4Hams	43	PA3FRO	18 m Glasfibermast för 80m 1/4 wave vertical antenna	1		S	X
Remoterig	45	1216H	WEB Switch remoterig	1		N	
	46		Radio, Kablar, Antennmaterial			S	X
Heat	47	SW550B	Black Box Switch	1		S	X
	48	SP 19	Audio switch RCA Ansl	1		S	X
Claes Olsson	49	32-7857	Audio switch RCA ansl	1		S	X
	50		Väska med Audio spelare samt kopplingsdelar f Audio	1		S	X
SiemTelef	51	E88CC	Lågbrusiga Audio rör	12+4		S	

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 Salmon
Director - Propietario

18934 - Impresión Perse - 57208 - Sucre - Bolivia - Teléfono: 07 95 14 31 - FAX: 07 95 14 31

Al señor don _____

KENNETH OLOFSSON
SWEDEN - SUECIA

PI 639, Elleholm
S-290 71 MÖRRUM

Finally two really nice Bolivian QSL cards from Kenneth Olofsson's huge collection.

To the left from Radio Emisora 2 de Febrero on 5505 kHz from 1999.

and below from

Radio La Plata on 9715 kHz from 1999

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 OLOPSSON

Ciudad MÖRRUM País SUECIA

De fecha 13 de enero de 1999

Características recepcion 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

Director
Guido Donoso Bleichner

Thanks to John Ekwall for scanning. /TN