

# SHORTWAVE BULLETIN

Issue no. 1871, March 12, 2017.

Deadline e-mail next issue: 0800 UTC, March 26, 2017.

Again time for some hours in front of the computer to compile another issue of SWB.

This time only a few contributors. Only one who has got a shortwave QSL. That can't be true - some of you guys must write reports now and then. Where are your QSL's?

There are a few items regarding MKVK. As usual in March they arranged a pirate meeting in Saxtorp.

As I live very close it only takes half an hour by car to visit them for a few hours. It is also nice to meet the four guys from Holland - real pirate guys.

Take a look at the picture to the right - isn't it an amazing that you can fit so much equipment on a table?

I will also point out another online SDR site which Jos from Holland maintains. Go to [www.swcholland.com](http://www.swcholland.com) and check out his installation of a KIWI receiver. Reception is pretty good much due to a huge antenna.

**Keep on ....**

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**R e d a k t i o n :**

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## SWB-info

**SWB on HCDX:**

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

**SWB member information:**

<http://www.hard-core-dx.com/swb/member.htm>

**Dateline Bogotá 1993-1998:**

<http://www.hard-core-dx.com/swb/Dateline.htm>

**SWB latest issue/archive:**

<http://www.hard-core-dx.com/swb/archive.htm>

## QSL, kommentarer, mm.

### MKVK-pirathelgsmöte i Saxtorp 11-12 mars

Liksom tidigare är arrangerar MKVK ett pirathelgsmöte i mars. Ett gäng äkta piratentusiasiter från Holland brukar närvara och så också denna gång. Jag åkte ner några timmar till stugan i Saxtorp på lördagseftermiddagen för att träffa grabbarna.

Alla är helt inställda på att det i stort sett bara skall lyssnas på piratradio. Gänget hade tidigare varit på besök i Ekeby och blivit guidade av Tommy Thuvesson som visat sitt skötebarn, [Radio- & Teletekniska museet](http://www.ekeby.nu/radiomuseum/) (<http://www.ekeby.nu/radiomuseum/>).

När jag kom vid 15-tiden så var man i full färd med att dra ut en lång antenn i skogen och med hjälp av flaggstången hissa upp en stor KAZ. Den sistnämnda drog in fina signaler men samtidigt också en alldeles för mycket brus från lysrör och all utrustning på bordet. Det är inte heller något positivt ur störningssynpunkt att alla lyssnar med hjälp av en bärbar dator. Det är ett under att det överhuvudtaget går att få in något med det virrvarr av trådar, power supplies, radioapparater och andra attiraljer bland mottagarna.



Från vänster: Dan Olsson, Lars Jeppesen, Moritz Saarman, Herman (R Zeewolf), Hans Kronkvist, Josef (Gronau), Jos (R Lowland), Per Eriksson, Ronnie (Radio Ronalisa), Göran Norstedt samt Alf Persson.

Det var riktigt trevligt att träffas och prata lite om allt möjligt några timmar. (Thomas)

**Lennart Weirell:** Ett QSL att rapportera, **SDXF World Radio Day 2017, via R Channel 292, Tyskland – 6070**  
e-mail 1 d.  
(tack för bilden på ditt QSL, alltid trevligt att visa upp.  
/TN)



Eftersom det inkommit bara ett enda bidrag avseende QSL anmälningar, så kommer lite övrig infgo redan här-

### Läsvärt - NDL:s krönika 1988-1998

**Det är nu snart 20 år sedan** Claes CON Olsson sammanställde en krönika om NDLs öden och äventyr under perioden 1988-1998. 10 år av flippar och floppar, uteblivna hörigheter och superkonds, men framför allt av en härlig kamratanda och trevligt sällskap.

Dokumentet är nu inscannat och finns att läsa här:  
<http://ndl-dx.se/1988-1998/NDL-kronika-1988-1998.pdf>

### Amalgamated DGPS. Decode The Entire DGPS Band From live audio, WAVE, and I/Q Recording Files. For Windows and Macintosh

Hvis det er beacon-jegere i gruppa (og det vet jeg at det er), så er dette kanskje et greit verktøy for å demodulere DGPS-signaler. Ikke prøvd selv.

[http://www.blackcatsystems.com/software/dgps\\_decoding\\_software\\_sdr.html](http://www.blackcatsystems.com/software/dgps_decoding_software_sdr.html)

(Bjarne Mjelde via DX-LISTENERS' CLUB)



Verification of reception report

To:

**Lennart Weirell**

We are pleased to verify your report of reception of a special program from SDXF, Sveriges DX-Förbund (The Swedish DX Federation) via Radio Channel 292 in Germany on 6070 kHz.

Date: February 13 2017 Time UTC: 1500 - 1600

Comment:

Nice reception via SDXF Remote Södra Möckleby Öland

Thank you and 73's

Gert Nilsson

SDXF QSL-manager

SDXF, PO Box 1097, SE-405 23 Göteborg

S W E D E N

## Log

(UTC)

3260	Mar9	-1206*	NBC Madang. In Pidgin/Tok Pisin; pop songs (Dr Hook - "Sharing the Night Together," etc.); 1200 PNG bird call and NBC news/weather in English (Australian Foreign Minister Julie Bishop gave an address at Lae School of Nursing, etc.); promo for NBC; suddenly off; poor, but at times semi-readable (Ron Howard, Calif., USA)
3310	Mar5	0141	Radio Mosoj Chaski, Cotapachi, Quechua, comments. (Méndez)
3325	Mar9	-1137*	NBC Bougainville. Pop Pacific Islands song; in Pidgin/Tok Pisin with info about "very important document," "record of employment," "Bougainville Board of Education"; 1126 PSA about the upcoming elections in June; back to DJ with pop Pacific Islands songs till suddenly off in mid-song, so they did not make it through to their normal 1200*; better than semi-readable. Only very light QRM from RRI Palangkaraya, which at 1113 played the distinctive patriotic song "Bagimu Negeri" (For You Our Country), but was far underneath NBC. Seeing as PNG will be holding national and local government elections this coming June, we can expect many more PSAs and more info about the elections (Ron Howard, Calif., USA)
3345.00	Mar10	0410	Channel Africa, Meyerton. English talk. (AP-DNK)
3480.00	28.2	2055	Voice of the People, via Goyang, South Korea Korean talk and music - jammed // 3912, 4450 and 4557. (AP-DNK)
3915.00	Mar1	2235	BBC, Kranji. EE interview about President Trump's speech to the Congress. (AP-DNK)
3960.016	Mar4	0910	<b>3ABU Tampere</b> audible until 0913 when the signal disappeared. Back at check1450 but now on 3960,097 kHz with weak signal and Finnish tangos just after 1500. Also noted on March 5 at 1515 but then spot on 3960. (TN)
3985.00	Mar1	2345	R Belarus via R 700, Kall-Krekel. German historical review, ID. (AP-DNK)
3990.00	Mar1	2315	Xinjiang PBS, Urumqi Uighur talk, local music. // 4980 and 6120. (AP-DNK)
3990.02	Feb28	*2252-	Gannan PBS, Tianshui, Hezon. Opening melody, 2255 Tibetan ann by man and woman, "The East is Red", music, 2300 news // 5979 (AP-DNK)

4055	Mar5	-0601*	Radio Verdad, Chiquimula, English, religious songs and comments, identification, anthem and close. (Méndez)
4500.00	Mar1	*2337-	Xinjiang PBS, Urumqi Mongolian talk. // 6190 QRM CNR 2 (AP-DNK)
4765	Mar3	-0504*	Radio Progreso, La Habana, Cuban songs. (Méndez)
4774.91	Mar1	2305	R Tarma, Tarma with talk. QRM Airport communication. (AP-DNK)
4810	Feb25	1714	AIR, Bhopal, Hindi songs. (Méndez)
4835	Feb28	1452	AIR Gangtok. Subcontinent music/singing; 1500 switched to solo sitar instrumental; nicely above threshold level audio; would have been almost fair reception except for QRN (static). Rather late today signing on, as not there at 1214, nor at 1247 check, but clearly there at 1257 (Ron Howard, Calif., USA)
4850.00	Mar11	1545	Xinjiang PBS, Urumqi Kazakh ann, orchestra music. // 6015 (AP-DNK)
4863.21	0150	28.2	Harmonic of a Greek Pirate. Greek ann and frequent mentions of "Saloniki" and "Athinaï", typical Greek folksongs // 1620. I did not get an ID, but in the last SWN Carlos Goncalves heard R Fonokomation, Greece on 1620 kHz on 5.11.2016. (AP-DNK)
4870.241	Feb27	1448	Odd fq of AIR Delhi Kingsway, scheduled of AIR Voice of Kashmir, in Kashmiri language, S=9+15dB yesterday Febr 27 at 1448 UT on remote Delhi SDR unit, scheduled 1430-1530. Distorted audio, non-quality. (73 wolfie)
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Hi Wolfie, INDIA. 4870.27, AIR (Delhi-Kingsway), at 1357 UT, on Feb 27, with subcontinent music/singing; scheduled to be in Nepali; best in USB to get away from RRI Wamena on the low side. Could not tell about the audio quality, due to RRI QRM. (Ron Howard)			
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Many thanks Anker and Ron, just today Febr 28, around 1520 til 1531 UT checked the 4870.262 kHz exact measured channel in 3 remotes: New Delhi, Thailand, and at Doha Qatar. Listen to the recording, as always as I described "...Little audio distorted rough{!} quality ..." Start 20 seconds taken from Delhi remote SDR locally signal, and the rest of the short recording til end of transmission at 15:30:56 UTC, and TX switch off at 15:31:02 UTC, taken from Doha Qatar SDR remote unit. Figured on 4870.262 kHz this afternoon, S=9+20dB in Doha Qatar, 19 kHz wide signal broadband. 4870kHz 100kW Delhi Kingsway 0230-0330, 1330-1415 Nepali (Nepal), 1430-1530 UT Kashmiri language. ( regards de wolfie)			
4870.26	28.2	*0208-	R Sedayee Kashmir, via Kingsway, India Constant tone until sign on at 0230 with ID in Kashmiri: "Radio Sedayee Kashmiri", ann, short female song, talk by man in Kashmiri, 0232 another song. (AP-DNK)
4885.03	Mar10	0400	R Clube do Pará, Belém, PA Portuguese ann, Brazilian songs. (AP-DNK)
4894.9	Mar3	0209	Not even a carrier from R. Novo Tempo, gone again or just very sporadic? Propagation is OK, with the best and most reliable ZY on 60m next door, 4885.022, S9 R. Clube do Pará (Glenn Hauser, OK)
4894.925	Mar11	0224	Music at S6 vs CODAR, so R. Novo Tempo is back; had not been able to detect it for a few nights, on signature off-frequency (Glenn Hauser, OK)
4910	Mar4	0731	AIR, Jaipur, English, news. (Méndez)
4920	Mar4	1730	AIR, Chennai, English, news. (Méndez)
4930.00	Mar10	0350	VOA, Moepeng Hill English talk and music 25142 (AP-DNK)
4940.00	1.3	-2100*	VOA, Pinheira Hausa reports, VOA jingle, talk, music, English ID and "Yankee Doodle". (AP-DNK)
4949.8	Mar4	1942	Radio Nacional de Angola, Mulenvos, comments. (Méndez)
4960.00	Mar6	0455	VOA, Pinheira, English ID, talk about this Monday morning, African songs. (AP-DNK)
5005	Mar5	0546	Radio Nacional, Bata, songs, Spanish, comments. Very weak. (Méndez)
5005.0	Mar6	0539	RNGE, R. Bata (presumed), with announcers in SS; poor, but any day that I can make out what the language is, that is actually a good day for me (Ron Howard, Calif., USA)
5005.08	Mar6	1422	R. Madagasikara (tentative). Hovering around threshold level audio; seemed to be French, but not positive; via long path; my sunrise at 1430 UT; Antanarivo sunset at 1511 UT. No drifting noted today, consistent with Dave Valko's observations of March 2, of an UNID on "5009.95 from about 0245-0315+," as he also found a steady signal. Possibly was also Madagascar? (Ron Howard, Calif., USA)
5010	Feb25	1710	AIR, Thiruvananthapuram, Hindi songs, at 1730 id. "All India Radio", news, English. (Méndez)
5020	Mar6	1406	Wantok FM relay, via SIBC. Another day of extended broadcasting (now daily?); non-stop songs (Bette Midler - "From a Distance [God Is Watching Us]," etc.); with usual brief IDs ("This is Wantok FM 96.3. Good times, great music" and "Listen to the hottest sounds . . . with the hottest DJs, 96.3"); fair (Ron Howard, Calif., USA)
5024.9	Mar5	0118	Radio Quillabamba (presumed), comments, songs, extremely weak, barely audible and understandable, best on LSB. Radio Rebelde out at that time. (Méndez)

5025.0	Mar12	0106	R. Rebelde is off again, but a JBA carrier here. Presumed R. Quillabamba, not significantly off-frequency to either side now. From traces of modulation, with one radio into each ear, I try to match it to RebeldeFM on 1620, presumably the station playing music, and to 1180 main Rebelde in a beisbol game, but 5025 doesn't mesh with either (Glenn Hauser, OK)
5040	Mar4	1731	AIR, Jeypore, English, news. (Méndez)
5050.00	Mar1	2330	Beibu Bay R, Nanning Chinese talk // 9820. (AP-DNK)
5910	Mar5	0521	Alcaraván Radio, Puerto Lleras, Latin American songs, "boleros", id. at 0628: "1 hora con 33 minutos, 5910, Alcaraván Radio, 6010, La Voz de tu Conciencia, señal de Colombia para el mundo", Martin Stendal, religious comments. (Méndez)
5910.217v	Mar7	0650	Alcaraván Radio, finally caught a canned YL ID, then a song in EE. (Glenn Hauser, OK)
5915	Mar6	0458	R. One/ZNBC. Normal format of promo for the "Zambia Bureau of Standards"; music & call of fish eagle; "One Zambia, one nation"; news & sports (Vice President Inonge Wina has arrived at Kotoka International Airport [Accra, Ghana] for independence celebrations there, etc.); 0514 weather and another promo for the "Zambia Bureau of Standards"; 0515 into vernacular; somewhat readable, even with QRN (static) (Ron Howard, Calif., USA)
5950.00	Mar6	0420	Voice of the Tigray Revolution, Addis Ababa. Tigrinya talk mentioning China and BBC. (AP-DNK)
5952.42	Mar8	-0228*	Radio Pio Doce. Start of the normal sign off format (whistling "Colonel Bogey March," full ID and chimes); fair, with my local sunset at 0208 UT. (Ron Howard, Calif., USA)
5952.45	Mar5	0106	Radio Pio XII, Siglo XX, comments, Bolivian songs. (Méndez)
5985.00	Mar5	*2300-	Myanma R, Yegu. Opening with string music, female ann in Bamar, indigenous choir singing, ID, fq ann, 2303 religious talk by man, who was partly singing! (AP-DNK)
5985	Mar6	153	Myanmar Radio. Start of English; ID and news/weather (start of this weeks Women's Empowerment Forum at the Kempinski Hotel in Nay Pyi Taw, marking International Women's Day, etc.) (Ron Howard, Calif., USA)
5995.00	Mar2	2215	R Mali, Kati, Bamako Vernacular talk, low modulation. (AP-DNK)
5995	Mar5	0732	Radio Mali, Bamanko, French, comments. (Méndez)
6010	Mar5	0701	La Voz de tu Conciencia, Puerto Lleras, Latin American songs, Martin Stendal religious comment. (Méndez)
6015	Mar7	0637	KBS Hanminjok Bangsong 1. In Korean with no jamming; 0700 time pips and news; several "KBS" IDs. Very nice to catch this without the normal white noise jamming. My audio at <a href="http://goo.gl/zrUQFX">http://goo.gl/zrUQFX</a> While Voice of Freedom (clandestine), on 6135, was jammed as usual. (Ron Howard, Calif., USA)
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Hi Glenn, Very much appreciate the following feedback from "Amano," with excellent details of the ID I recorded for KBS Hanminjok Bangsong. (Ron Howard)			
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<i>"Hello! Ron-san . . . Regarding your audio KBS Hanminjok Bangsong, on 6015 kHz from California, that sounds good! and nice catch &amp; timing of not jammed! 0700 UTC time pips is 1600 KST(JST) time pips. (4 pm afternoon). KST is South Korean Standard Time, and it's same as Japanese Standard Time (JST). I was able to confirm that ID in your audio. The ID of Korean language is 'KBS Hanminjok Bangsong e nyuseu ip nida.' by male voice after the time pips. This Korean language mean 'This is KBS Hanminjok Bangsong's news.' "</i> (Ron Howard, Calif., USA)			
6030.00	Mar5	2305	Voice of China, Beijing Chinese talk by man and woman. // 4800. (AP-DNK)
6030.00	Mar6	0425	R Oromiya, Adama, via Geja Jewe, Oromo conversation. (AP-DNK)
6035	Feb28	-1205*	PBS Yunnan (Voice Shangri-la). No sign of Bhutan; EZL orchestra music till suddenly off; their normal format after 1200 (Ron Howard, Calif., USA)
6050	Mar3	0620	Very surprised to find Spanish here, and it's a heavily produced gospel huxter, sounds like Ministerio En Contacto, California. What could it be but HCJB? For many years they signed off at 0500*, but recently cut back to 0230v*. Revived or a mistake? I didn't think they were on the air at all at this hour, and MW 690 was recently turned off forever. Maybe FM 89.3 programming is available, running 24h. I keep listening for the tell-tale half-hour timesignal, and there it is right at 0630, and into song, so I'm confident it really is HCJB. Can't find any plain old program schedule at <a href="http://radiohcjb.org">http://radiohcjb.org</a> . No sign of ELWA Liberia which should be on 6050 after 0530 now in English, but I would never hear it in HCJB's absence, anyway (Glenn Hauser, OK)
6050	Mar5	0509	HCJB, Pichincha, SS, religious comments: "Todos necesitamos un salvador...", "Instituto Bíblico", "No olvides visitar nuestro sitio web", at 0530: "0 horas 30 minutos", religious songs, id at 0642: "HCJB", religious comments, at 0800: HCJB, son las 3 de la mañana" , "HCJB, 89.3 FM." (Méndez)
6050.00	Mar10	2310	Xizang PBS, Lhasa, Tibet. Chinese news about People's Congress read by man and woman. // 4820. (AP-DNK)



6090.00	Mar2	2225	China Business R (CNR 2), Golmud. Chinese talk, musical interlude // 6190 and 6155. (AP-DNK)
6090.00	Mar6	0430	Voice of Amhara State, Geja Jewe. Amharic interview. (AP-DNK)
6110.00	Mar6	0435	R Fana, Addis Ababa Amharic conversation, musical interlude. (AP-DNK)
6115	Feb25	1823	Radio Congo, Brazzaville, French, comments, African songs. (Méndez)
6134.8	Mar5	0115	Radio Santa Cruz, Santa Cruz de la Sierra, comments. Very weak. (Méndez)
6134.82	Mar8	0142	R. Santa Cruz8. Pop songs; 0200 usual sign off format with series of IDs; 0203 "Santa Cruz" song ending at 0205, then dead air (open carrier); fair, but with very noticeable Brazil het (Ron Howard, Calif., USA)
6145.00	Mar2	2230	Qinghai PBS, Xining Chinese talk. (AP-DNK)
6150.02	Mar2	1225	R Europa, Datteln English ann, pop songs from an album. (AP-DNK)
6170.00	Mar4	1030	Scandinavian Weekend R, Virrat (100 watts). English ID and ann, Finnish talk, pop music - very deep fades! (AP-DNK)
6185	Mar5	0540	Radio Educación, Ciudad de México, comments, songs. Very weak. (Méndez)
7120.00	Mar10	0415	R Hargeisa, Hargeisa, Somaliland Somali talk and song 25232 (AP-DNK)
7236.23	Feb28	1504	R. Ethiopia (presumed), on Feb 28, noted still drifting; 1504 on 7236.23v and by 1520 on 7236.34v; in vernacular; mostly monologue and some HOA music; poor (Ron Howard, Calif., USA)
7250.00	Mar10	0420	Eye R, Juba, South Sudan, via Issoudun, France (250 kW). English ID: "Eye Radio", a man declared a national holiday 11.3 with an invitation to the opposition to lay down their weapons and attend a Peace Conference in Juba; a woman said that the hungry people would get a meal first! 0435 Vernacular ID: "Eye Radio" and news. (AP-DNK)
7259.95	Mar6	0610	R. Vanuatu. In vernacular; series of ads; 0627 & 0629 clear "Radio Vanuatu" IDs; 0636 weather; pop songs. 24 hours later the signal was unusable (Ron Howard, Calif., USA)
7415	Mar8	1818	Firedragon (music jamming), // 9455 // 9860; all to block RFA; all fair (Ron Howard, Calif., USA)
7615			YHWH gone? I haven't run across Station YHWH lately, nor seen any other reports of it. My last log was Feb 20 at 21+ on 15530-. Last log on 7 MHz band was Feb 17 at 0243 on 7615. I did several scans of the 7 MHz band and also 5790-5792 tonight March 3 until 0230 and didn't find him. Most usual timespan was roughly 02-04++ UT. Is anyone hearing him now, or has heard him anywhere since the above catches? Searched HF Underground and found no logs there since Dec 31, 2016 (Glenn Hauser, OK, 0311 UT Mar 3)
9524.96	Mar9	1311	VOI. Very poor reception, but was able to make out the start of "Today in History," during their English segment; better reception after 1402, in Indonesian (Ron Howard, Calif., USA)
9635	Mar4	1710	Radio Mali, Bamako, French, comments. (Méndez)
9650	Mar4	0700	Radio Guinea, Conakry, African songs, French, id. "Radio Guinée". (Méndez)
9650	Mar6	0646	Radio Guinea, Conakry. In French; fair to good; series of nice IDs ("Radio Guinée"); 0659 seemed to be light QRM from the start of assume R. Sonder Grense (South Africa). 24 hours later had poor reception (Ron Howard, Calif., USA)
9818.9	Mar4	2037	Radio 9 de Julho, Sao Paulo, religious comments. (Méndez)
9925	Mar8	1735	R. Pilipinas, // 12120 // 15190. News in Filipino (good number of English words); 1757 business news; all signals started out fair, but went downhill. (Ron Howard, Calif., USA)
11735	Mar4	1914	Radio Transmundial, Santa María, religious comments. id. "Transmundial". (Méndez)
11735	Mar8	1800	Radio Transmundial (presumed), Santa María. Tuned in expecting to catch Zanzibar, with news in English, but instead heard only Portuguese; IDs for "Radio Nacional" and announcers chatting; almost fair; no trace of Zanzibar. Unusual propagation? (Ron Howard, Calif., USA)
11780	Mar4	1930	Radio Nacional da Amazonia, Brasilia, Brazilian songs, comments, at 2113: "Estamos apresentando "Musishow, na Nacional da Amazonia" . (Méndez)
11895	Mar4	2001	Radio Boa Vontade, Porto Alegre, religious comments. (Méndez)
11925	Mar4	2024	Radio Bandeirantes, Sao Paulo, soccer, comments. (Méndez)
11934.8	Mar4	2035	Radio RB2, Curitiba, religious songs and comments. // 9725. (Méndez)
12055.00	Mar3	0945	Kazakh Sce (CNR 17), Lingshi, Shanxi. Kazakh talk by man, musical interlude, talk by woman mentioning Kazakhstan. (AP-DNK)
15190	Mar4	1735	Radio Inconfidencia, Belo Horizonte, comments, songs, id. "Você esta sintonizando Radio Inconfidencia", at 1836: "15 horas 36 minutos, Xornada Esportiva, Campeonato Mineiro, pela Radio Inconfidencia". soccer comments. (Méndez)
15390.00	Mar3	0935	Uighur Sce (CNR 13), Lingshi, Shanxi. Uighur ann, nice local pop song. (AP-DNK)
15640	Mar8	0229	R. Pilipinas, // 17700 // 17820. Very readable English on all frequencies; PBS regional/provincial news; "From the news center of Radio Pilipinas. This is the PBS news"; spot about ASEAN; promo for PBS ("70 years of broadcasting"); 0234 start of "DFA Online" (Ron Howard, Calif., USA)

## log in eastern Thailand on Febr 27

- 5914.988 MRMS Myanmar Radio in Burmese or dialects - acc Aoki Nagoya table list, from southerly Naypyidaw capital MW bcasting center site. S=9+20dB signal noted in eastern Thailand remote SDR unit. 19.4 kHz wide broadband audio signal, out at 0045 UT on Febr 27.
- 5930 BBC London in Dari language via ORS Moosbrunn Austria relay site, to Afghanistan and eastern Iran. S=9+15dB signal even behind area in eastern Thailand remote SDR receiver. 10 kHz wideband signal of the 300 kW SW unit, at 0043 UT on Febr 27. (wb df5sx, wwdxc BC-DX TopNews Febr 27)
- 5925 Vietnamese service via Xuan Mai site, S=9+5dB signal to Eastern Thailand remote SDR unit, at 0044 UT on Febr 27.
- 5975 VoVTN domestic sce from Hanoi Me Tri site, around 0041 UT on Febr 27 at S=9+5dB level.
- 5985.0 MRMS Myanmar Radio, from Yegu - Yangoon site, much strong S=9+25dB signal, Burmese songs, lady singer, mx at 0036 UT on Febr 27.
- 6020.0 Noted again on Uwe's SDR unit in eastern Thailand: Two symmetric spurious audio signals some plus/minus 13.390 ... x.790 kHz frequency away distance ... of fundamental Daclac / Dak Lak - 'Buon Me Thuot' site transmitter installation in Vietnam. Observed on both domestic Vietnamese 4th domestic program service on 6020 kHz, and VoVTN 1st sce on 7210 kHz program outlets at 0040-0100 UT on Febr 27. Nearby spurious accompanied from Daclac Vietnam 6020 kHz 4th domestic progr transmission, 13.39 kHz distance apart on 6006.613 and 6033.387 kHz. S=9+20dB or -56dBm signal in eastern Thailand remote SDR post. Xylophone music heard at 0038 UT on Febr 27.
- 6050.025 RTM Asyik/Salam FM, via K-L Kajang broadcast center. Like local area proper powerful signal of S=9+30dB, noted on remote SDR in eastern Thailand, at 0020 UT on Febr 27, 9.8 kHz wide broadband audio signal.
- 6129.968 Lao National Radio from Vientiane, at 0025 UT on Febr 27, S=9+25dB like local station heard in eastern Thailand remote SDR unit. Noted with nice local music features, and woman announcer.
- 6149.986 IBB VoA Burmese service via Band Dung, Udorn Thani relay site in north-eastern Thailand. Talk in Burmese about Pres Trump and White House, at 0028 UT on Febr 27, S=9+25dB signal in Thailand SDR unit.
- 6164.992 MRMS Myanmar probably minority broadcast in Burmese or domestic language, at 0030 UT on Febr 27, S=9+20dB signal via northerly Pyin Oo Lwin TX site. Pop mx selection, and station ID heard at 00:29:51 UT by female.
- 7210.0 VoVTN 1st program at 0052 UT on Febr 27, from Dac Lac - 'Buon Ma Thuot' TX site, S=9+25dB powerful signal level in neighbouring Eastern Thailand SDR unit post, rough voice little distorted. But as always the Dak Lak (Daclac) station produced two wider spurious signals of 4 kHz wide bandwidth each, 13.79 kHz distance apart on 7196.211 and 7223.789 kHz. Latter on S=9+5dB signal level in Thailand rx installation.  
(wb df5sx, wwdxc BC-DX TopNews Febr 27)

### 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) TN, Thomas Nilsson, Ängelhol, Sweden	Ron Howard, San Francisco at Ocean Beach, CA, USA (AP-DNK), Anker Petersen, Skovlunde, Denmark Manuel Méndez, Lugo, Spain
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## Station news

**ARGENTINA.** 15.475.95 **LRA36 Radio Nacional Arcángel San Gabriel**, Base Esperanza, Antartida Argentina en el aire. Gracias Alejandro por tus comentarios y puedo agregar, que esta semana, las transmisiones han sido todas en horario, de lunes a viernes de 18.00 a 21.00UT 73 y buen fin de semana al foro. CE3BBC, Hugo López C. Santiago de Chile

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En estos momentos, 10 de marzo 20.43 UTC esta en el aire con señales S7 a S9, AM pero con solo la banda lateral inferior 73 Alejandro LU8YD

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Hoy, lunes 6 de marzo, la recepción es bastante aceptable, audible y con identificación de locutoras, lo que hace presumir que seguirán a cargo de las emisiones, las esposas del personal de la base.

Mencionan en el espacio "Esperanza al mundo", que esta tarde hay bastante sol. También su correo electrónico "[ira36@hotmail.com](mailto:ira36@hotmail.com)" El viernes pasado, 3 de marzo, no hubo emisión, por lo que esperamos que esta semana no haya interrupción y se mantenga la programación.

Ojalá algún lejano radioescucha pueda sintonizar y compartir en esta lista su experiencia de recibir la Antártida.  
CE3BBC, Hugo López C. Santiago de Chile  
(via condiglist)

**CENTRAL AFRICAN REPUBLIC. WATER FOR GOOD, 2016 Annual Report**

Every spring we look back on where we've been, what we've accomplished together, and take a peek into the future of fighting water poverty in the Central African Republic! Check out our 2016 annual report to see the impact of your support! View the report online here. <https://indd.adobe.com/view/f66c91c2-8c84-407b-8da2-a44034be9a8d> (WFG March 1, 2017, via gh, DXLD)

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5-page pdf. Any mention of their SW station on 3390 and/or 6030 kHz?? Or is it pps, scrolling horizontally. Much of the print is too fine, and if you zoom in you can't scroll. Does claim SW radio [WTFK??] reaches 1 million listeners for expenditure of \$45,620, almost exactly the same amount as for Latrines. HQ in Winona Lake, Indiana, USA.

WRTH 2017 now shows: Radio Maingo (Rlg.), Bangui, but SW site Boali, 6030, 1 kW. D.Pgr. in French, Sango, Bayaka and Fulfulde: Mon-Sat 0600-1100, daily 1400-1700 on 6030 kHz.

Also, Radio Ndeke Luka, FM station, UNDP program is carried on Boali 6030 at 1700-1900.

These are NEVER reported by DXers, and we can only wonder if they really exist. 6030 of course is a very bad frequency at night in North America with Cuban jamming and Radio Martí. Otherwise, propagation from CAR should be barely possible at \*0600. One would think Eurafrikan DXers would be able to pick it up also in evening (Glenn Hauser, OK, DX LISTENING DIGEST)

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Hmmm, the entry for Radio Ndeke Luka for these time is very old and probably very wooden. So, guessing from the sporadic messages of the station's owner I would expect them to sign-off earlier, 1700 at best, and on 6030 only. I do not believe it would be easy to catch them in Europe then even if they were active as Radio Oromiya is there also. Radio Oromiya does sign-off often between 1700 and 1730 and returns later at 1930, but never heard anything in this timeslot. (Thorsten Hallmann via DXLD)

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Seems, that Ndeke Luka relay has been retimed to two hours earlier: 1500-1700. I did hear the station once some years ago via IBB Addis RMS, when Oromiya was off. I have tried to ask for update on the situation now, but no success. (Best regards, Mauno Ritola)

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This station is still on. **Radio Maingo** now is what it is called. I will try and attach our latest video clip of this. Radio Maingo.mov <https://drive.google.com/file/d/0B0hFmDhS2AB1SUUVYWmxhZ3lCOTA/view>  
They usually run from 7 am to noon and then from 2 pm to 5 pm. We are working on our night time frequency now. Jim Hocking Founder cell 574.527 8920 | <http://www.waterforgood.org> (via Mauno Ritola, Finland, DXLD)

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Clip is 1:24, made up mostly of stills, music track only, English captions. UT+1, so UT would be 0600-1100, 1300-1600. Nighttime frequency had been 3390 (gh, DXLD)

**DJIBOUTI.** Horn of Africa government broadcaster **Radiodiffusion Television de Djibouti** has restored the online live streaming of Radio Djibouti 1 (RD1) and Radio Djibouti 2 (RD2). Streaming was first introduced in late 2007 but ceased after a few months. Both services are broadcast on various FM frequencies domestically, and in the case of RD1 also irregularly on 4780 kHz shortwave. These and three Tele Djibouti TV streams can be accessed from the organisation's website at <http://www.rtd.dj>. (David Kernick, Interval Signals Online via DXLD)

**ECUADOR.** 6050, here's why I was hearing HCJB in Spanish circa 0630 March 3: Horst Rosiak, the German who runs HCJB in Quito, notified his mailing list, including EuroGermans and Rudolf Grimm in Brasil that a new transmitter had been activated on Mount Pichincha, testing 24 hours a day. He said the thin air at high altitude, 4 kilometers, was causing the thermal control to cut it off the air for 5 minutes at a time, but I didn't hear any breaks during my monitoring. Also says German-language broadcasts may be resumed when audible in Europe. What's the power, antenna? (Glenn Hauser, OK, DX LISTENING DIGEST)

**THAILAND.** The BBC stopped broadcasting from Thailand ... Details: <http://www.themalaymailonline.com/world/article/bbc-thai-transmission-towers-fall-silent-as-junta-talks-falter> (Pavel Ivanov, Belgorod, Russia / "deneb-radio-dx" & "open\_dx").

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Renewal of BBC World radio broadcast contract a matter of the country's policy : NBTC --- March 10, 2017 18:53 By The Nation <http://www.nationmultimedia.com/news/breakingnews/30308613>

The National Broadcasting and Telecommunications Commission (NBTC) said the use of Nakhon Sawan's short-wave radio-relay station to broadcast content from the BBC World Service in Southeast Asia was a matter of the country's policy that involved agreements based on related international laws which needed to be settled first.

The NBTC is willing to provide the service for the BBC once Thailand's Foreign Affairs Ministry and the company reached an agreement to renew the contract, said NBTC secretary general Thakorn Tanthasit on Friday.

The BBC's short-wave relay station stopped transmitting at the start of the year after the contract with the government expired.

The news outlet said in a statement released on Thursday that the agency could not reach an agreement with authorities to resume broadcasting because of its financial limitations so it had to shut down the station. But it said people could still listen to its programme via relay stations elsewhere.

The Foreign Affair Ministry earlier said the two parties had been in negotiations for renewing the contract.

The BBC, it said, had submitted the draft agreement in late December, but this was too close to the deadline on December 31.

It said as such, the contract renewal could not be done in time as it would have to ask the Cabinet for approval.

The BBC last month contacted the ministry to brief it, according to BBC Thai.

Thakorn said the ministry had submitted an official letter to it inquiring as to whether the contract between the ministry and the BBC had to also be approved by the NBTC. The organisation responded by referring to the country's policy regarding the matter (The Nation, via Artie Bigley, DXLD)

So might still reopen? Perhaps even speculating about disrespecting the king cannot be alluded to within the Thai press (gh, DXLD)

**ZIMBABWE.** After several years of online silence, four Zimbabwe Broadcasting Corporation (ZBC) domestic radio services are again available on live web streams. However, some of the links on the mother site at [zbc.co.zw](http://zbc.co.zw) don't work, so here are the URLs to each microsite:

Radio Zimbabwe: <http://www.radiozim.co.zw>

Power FM: <http://www.powerfm.co.zw>

National FM: <http://www.nationalfm.co.zw>

S-FM: <http://www.sfm.co.zw>

All four sites have embedded players which were streaming well when checked at 16:00 UT today, however the latter two sites (National FM and S-FM) initially triggered health warnings on my Chrome and Firefox browsers. (David Kernick, Interval Signals Online via DXLD)

## ***Other radio news***

### **DX Programs, World of Radio skeds updated**

NOW UPDATED FOR DST IN NORTH AMERICA AS OF MARCH 12: DX/SWL/MEDIA PROGRAMS

<http://www.worldofradio.com/dxpgms.html>

WORLD OF RADIO SCHEDULE: <http://www.worldofradio.com/radioskd.html>

(73, Glenn Hauser via DXLD)

### **Post office in Africa.**

**I remembered how I sent out** the report of the reception in Sierra Leone.

And it so happened that during this period they had a war there or another coup.

It was insulting that the letter was covered. It's not that there will be no answer, but one dollar will disappear, who invested for an answer. It's been about a year and I suddenly get my letter back!

The envelope is in full safety and the dollar is in place. On the envelope are a bunch of stamps from various African countries. The inscription that it is impossible to deliver and please return it to the sender.

That's how the African post works!

(Pavel Ivanov, Belgorod, Russia / "deneb-radio-dx") RUS-DX # 914

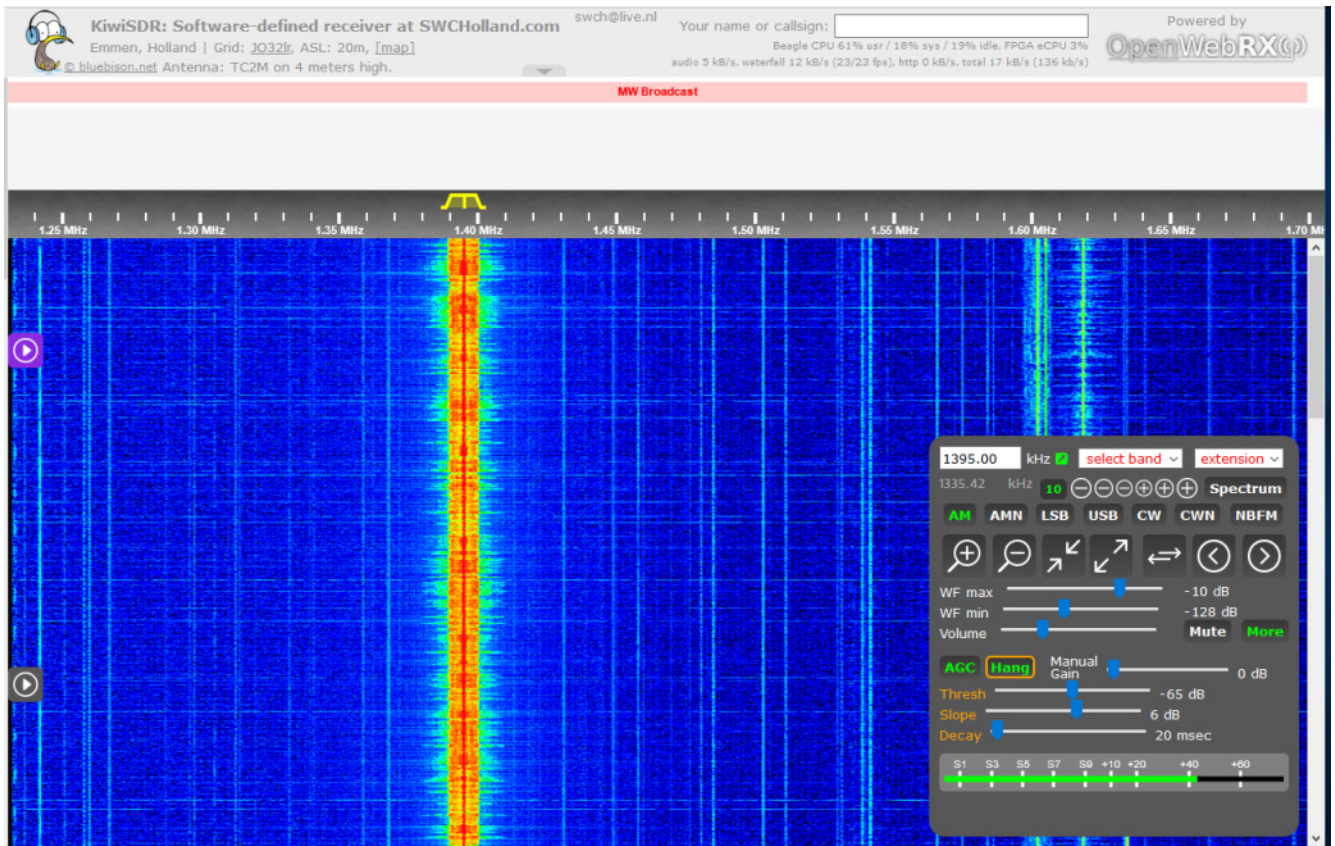
### **SWL Winterfest Special**

**Each Winter, over 100 shortwave listeners** and DXers get together at the Winter SWL Fest in Plymouth Meeting, Pennsylvania to talk with other SWL's and to listen to lectures about various aspects of radio listening. The 2017 Fest takes place this coming weekend, and WRMI will be broadcasting live from this meeting for three hours from 0300-0600 UTC on Saturday, March 4 (that's late Friday night in the Americas) on 6855 kHz. This will be a broadcast of The Shortwave Shindig hosted by David Goren, with lots of shortwave-related fun and recordings. via WRMI Facebook 73 Christoph Ratzler A--DX)



## KIWI SDR online

Go to this link: <http://www.swcholland.com/> and look for SDR Receiver.



**Welcome!** Here are some tips:

- Please [email us](#) if your browser is having problems with the SDR.
- Windows: Firefox & Chrome work; IE is still completely broken.
- Mac & Linux: Safari, Firefox, Chrome & Opera should work fine.
- Open and close the panels by using the circled arrows at the top right corner.
- You can click and/or drag almost anywhere on the page to change settings.
- Enter a numeric frequency in the box marked "kHz" at right.
- Or use the "select band" menu to jump to a pre-defined band.
- Use the zoom icons to control the waterfall span.
- Tune by clicking on the waterfall, spectrum or the cyan/red-colored station labels.
- Ctrl-shift or alt-shift click in the waterfall to lookup frequency in online databases.
- Control or option/alt click to page spectrum down and up in frequency.
- Adjust the "WF min" slider for best waterfall colors.
- For more information see the [Quick Start](#) page and [Design review document](#).

**Contacts:** [KiwiSDR](#), [OpenWebRX](#) | [Chat](#)

See [SWCHolland.com](#) for reports / [TC2M Antenna connected](#) / [Enter your name or callsign](#).

Config: v1.61, 4 SDR channels, 12 GPS channels | Uptime: 1 day 7:26:15  
GPS: acquire yes, track 0, good 0, fixes 0  
Audio: network 10209 sps (9604 avg), output 48005 sps, Qlen 7  
RX0: (Ångelholm, Sweden) [1395.00 kHz am z6](#) 0:09:14  
RX1:  
RX2:



At the pirate weekend meeting in Saxtorp Jos showed me his website: [www.swcholland.com](http://www.swcholland.com). There is a lot of pirate information. But the most interesting thing is his Online KIWI SDR.

Give it a try. He is using a special non-directional TC2M antenna, about 9 m height.

This site is a strong contender to the Twente site, much depending on the big antenna.

(Thomas Nilsson)

## StationList For FM DX

StationList for Winradio and Perseus is not only a software for MW and SW with those facilities:

- Connects to Winradio (incl.Excalibur) and Perseus and shows stations for the currently tuned frequency
- The station display window will track when you tune around
- Right-Click an entry will tune the receiver to that frequency
- Powerful built-in user definable filters allows narrowing down the number of stations only to the region of interest

This software can also be used without any connection to Winradio or Perseus. In such cases you have to select the frequency manually in the database.

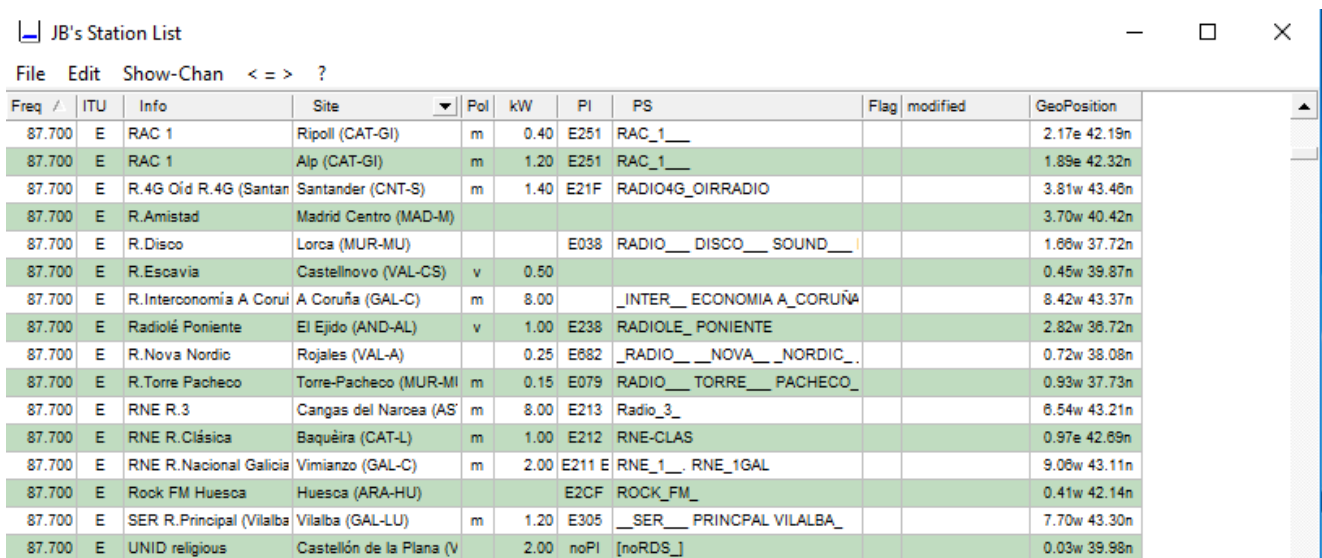
StationList is very useful also for FM DX-ers. If you go to this link [http://zeiterfassung.3sdesign.de/station\\_list.htm](http://zeiterfassung.3sdesign.de/station_list.htm) and look halfway down there is a chapter "StationList for FM DXing". There's a nice animation in "Example-3:" That shows that SL is now much more than just a simple station list.

The software is easy to install. Before installation read the instructions carefully. Use the File Explorer, go to Local disk (C:) Create a new folder, for example StationList. Then unzip the downloaded file to this folder.

Open the software by double click on StationList.exe in the folder. Then go to "import" and choose "fetch data from FMLIST.org. When the file is completely downloaded it will show up as a database. Then choose "Save database as".

Use a simple name like "FM-List". This database will be in use until you choose another one.

Here is short extract of the content in FM list.



Freq /	ITU	Info	Site	Pol	kW	PI	PS	Flag	modified	GeoPosition
87.700	E	RAC 1	Ripoll (CAT-GI)	m	0.40	E251	RAC_1___			2.17e 42.19n
87.700	E	RAC 1	Alp (CAT-GI)	m	1.20	E251	RAC_1___			1.89e 42.32n
87.700	E	R.4G Old R.4G (Santar	Santander (CNT-S)	m	1.40	E21F	RADIO4G_OIRRADIO			3.81w 43.46n
87.700	E	R.Amistad	Madrid Centro (MAD-M)							3.70w 40.42n
87.700	E	R.Disco	Lorca (MUR-MU)			E038	RADIO__DISCO__SOUND__			1.66w 37.72n
87.700	E	R.Escavia	Castellnovo (VAL-CS)	v	0.50					0.45w 39.87n
87.700	E	R.Interconomía A Coru	A Coruña (GAL-C)	m	8.00		_INTER__ECONOMIA_A_CORUÑA			8.42w 43.37n
87.700	E	Radiolé Poniente	El Ejido (AND-AL)	v	1.00	E238	RADIOLE_PONIENTE			2.82w 36.72n
87.700	E	R.Nova Nordio	Rojales (VAL-A)		0.25	E682	_RADIO__NOVA__NORDIC__			0.72w 38.08n
87.700	E	R.Torre Pacheco	Torre-Pacheco (MUR-MI)	m	0.15	E079	RADIO__TORRE__PACHECO__			0.93w 37.73n
87.700	E	RNE R.3	Cangas del Narcea (AS)	m	8.00	E213	Radio_3_			6.54w 43.21n
87.700	E	RNE R.Clásica	Baquèira (CAT-L)	m	1.00	E212	RNE-CLAS			0.97e 42.69n
87.700	E	RNE R.Nacional Galicia	Vimianzo (GAL-C)	m	2.00	E211	RNE_1__RNE_1GAL			9.06w 43.11n
87.700	E	Rock FM Huesca	Huesca (ARA-HU)			E2CF	ROCK_FM__			0.41w 42.14n
87.700	E	SER R.Principal (Vilalba	Vilalba (GAL-LU)	m	1.20	E305	_SER__PRINCIPAL_VILALBA__			7.70w 43.30n
87.700	E	UNID religious	Castellón de la Plana (V		2.00	noPI	[noRDS_]			0.03w 39.98n

Jürgen Bartels have some interesting examples on his website including one animation in example 3. Take a look. (Thomas Nilsson)

## "Shocked at What I Hear on HF"

(I thought this might be of interest - Mike)

e.Ham, Bryan Beam (W4HLD) on February 16, 2017

View comments about this article! <http://www.eham.net/articles/38315#comments>

Recently I decided to get back on HF. I put up a dipole and turned on the rig. I scanned 40 meters and the first QSO I heard was full of profanity and the topics being discussed should not be via ham radio. I was first ashamed and then angry that ham radio has come to this.

I was last on HF about three years ago. I had noticed some of this activity on 75/80 meters. Evidently it's spread.

Some will say, spin the dial or turn off the radio. I get it and don't disagree. Maybe I'm being too pessimistic but I'm afraid as the years go on this type of behavior will become more and more common.

I've been a proud ham for over 40 years. I hope I continue to be proud of our hobby. I want to be comfortable to introduce ham radio to my grandchildren and not be worried about what they may hear.

The reason for this post is to ask those that may use profanity on the air and discuss vulgar subjects to not do so. Please be respectful of the audience and the great (clean) hobby. Don't lower yourself. Anyone who earned their ham radio license should have enough pride in themselves to not stoop to this level.

Bryan, W4HLD, <http://www.eham.net/articles/38315>

(Mike Terry via DXLD)



**Statron linear power supply for Perseus 5 V, 4,5 A**  
<http://www.statron.de/details/65>

<b>Type</b>	2253.3
<b>Data</b>	5V / 4,5A
<b>Description</b>	Fixed voltage, stabilised
<b>Weight</b>	1,3kg
<b>Size</b>	110x80x150
<b>Special</b>	Linear supply short curcuit proof



Price 75 Euro + freight charges & VAT  
 (I payed a total of 118,40 Euro to Ängelholm, Sweden)



Sometimes back in 2009-2010 I bought two types of Stontronics linear power supplies for Perseus. One with two 7805 in parallell delivering 5 V at 1,5 A and one smaller equipped with one 7805 delivering 5V 1 A. As the smaller one became very hot after a while I have used the 1,5 A supply since then. Some weeks ago the power supply started to produce hum and a lot of spurious noise was noted on the fundamental frequency of 0 kHz. When I think back there have been a small amount of noise the last year or so. When I switched to the smaller power supply only very little noise could be detected on the fundamental (I think more or less like normal).

Some month ago there were a few questions in the Perseus\_SDR group what linear power supply to use. Mauno Ritola was one of those who had a power

supply giving under voltage. He had found a heavy duty German linear power supply on the web and was asking if that one could be recommended.

Another suitable power supply used by among others Bjarne Mjelde is the **Bel Power Solutions 5VDC 3A** which powers his three Perseus and is quite reasonably priced (roughly USD 50 including shipping from Mouser). Bjarne has a comparison on his website (<http://arcticdx.blogspot.se/2016/09/powering-your-perseus-or-any-5vdc-sdr.html> ) between different ways of powering the Perseus.

The only drawback with the Bel power supply is that it is open in the bottom.

As we have both a cat and a dog I was reluctant to buy a supply which is open on the bottom side and thus exposed for curious pets.

I asked Mauno Ritola which supply he had chosen and also if he was satisfied. He had bought the one from Statron. One reason also for him - the supply was in a box.

So I ordered the 2253.3 from Statron in Germany. It took some 10 days with transport before I could pick it up here.

The supply is quite small and heavy and equipped with a huge heatzink on the back side. The output is very clean and absolutely no traces of any spurious signals can be found.

I have only one Perseus connected and almost no heat is generated - the unit is merely lukewarm.

All in all - I'm very satisfied.



**DC power plug with solder terminals 5,5x2,5x9 mm**

**Adapter kit with DC-jack**



For security reasons cut off the existing DC-jack and replace it with a DC power plug which must be soldered carefully. Use the red cable for +5 V which shall be soldered to tip. The black cable is soldered to the sleeve.

When done, check with an ohm-meter that there is no short curcuit and that the tip is connected to + 5V (red cable) and the sleeve is connected to the black cable.



(Thomas Nilsson)

## TITUS II SDR Receiver.

**Touchscreen Android tablet receiver**, fits analog and digital radio transmission formats including AM, FM, shortwave, HD Radio, DAB+ and Digital Radio Mondiale.

The company is considering adding a DRM+ decoder.

see picture:

<http://www.radioworld.com/Portals/0/Titus%20II-1-front%20with%20screen.jpg>

In a recent edition of the DX Times I included a piece on the Titus II SDR and its unveiling. I recently received an email from Radio NZ's Adrian

Sainsbury. In it he included a link to an article on the Titus II. I include the article below. It has been heavily edited. The original article can be found at:

<http://www.radioworld.com/headlines/0045/pantronx-seeks-complete-sdr-solution/336753>



Unveiled at an international broadcasting meeting in Miami in August, the Titus II SDR is not yet shipping. But it is described as capable of receiving and playing analog and digital radio transmission formats including AM, FM, shortwave, HD Radio, DAB+ and Digital Radio Mondiale. The company is considering adding a DRM+ decoder.

The initial market is among worldwide broadcasters, particularly those serving countries where listeners may lack internet; a secondary market is individual listeners, hobbyists and others. PantronX will not supply all decoders for all formats but add them preloaded as needed.

Looking much like a 1990s' boombox except that the central section is entirely occupied by a touchscreen Android tablet, the Titus II's software-controlled capabilities, ability to receive new transmission formats through software upgrades and proposed price tag of about 90 euros wowed HFCC delegates.

(via NZ DX Times magazine March 2017; via wwdxc BC-DX TopNews March 4)

## Afternoon Asian Reception on the Low Bands [1 Attachment]

"Afternoon Asian Reception on the Low Bands" is a presentation Bob Hill made at the 1997 Reynoldsburg DX Weekend. It's a great way to remember Bob and appreciate his knowledge and skill as a DXer.

[https://groups.yahoo.com/neo/groups/DXplorer/attachments/1354357249;\\_ylc=X3oDMTJxZWNwbXV2BF9TAzk3MzU5NzE0BGdycElkAzIxNDU1MDYyZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNhdHRhY2htZW50BHNsawN2aWV3T25XZWIEc3RpbWUDMTQ4ODM3NTY3MQ--](https://groups.yahoo.com/neo/groups/DXplorer/attachments/1354357249;_ylc=X3oDMTJxZWNwbXV2BF9TAzk3MzU5NzE0BGdycElkAzIxNDU1MDYyZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNhdHRhY2htZW50BHNsawN2aWV3T25XZWIEc3RpbWUDMTQ4ODM3NTY3MQ--)

(John Herkimer via DXplorer)

## HAARP Goes Classical During New Experimental Campaign

ARRL. February 23, 2017

The just-concluded run of ionospheric investigations conducted from Alaska's High Frequency Active Auroral Research Program (**HAARP**) observatory — quite likely the most powerful HF transmission facility in the world — revived the latent short-wave listener (SWL) lurking within most radio amateurs. Operating under Part 5 Experimental license W12XFX, HAARP this month even aired some classical music as it conducted its first scientific research campaign since being taken over 18 months ago from the military by the University of Alaska Fairbanks (UAF) Geophysical Institute. UAF Space Physics Group Assistant Research Professor Chris Fallen, KL3WX, focused on two experiments — one called "airglow" that literally aimed to light up the ionosphere, and another to demonstrate the so-called "Luxembourg Effect," first noticed on a 1930s Radio Luxembourg broadcast. Public engagement was part of his plan, and Fallen this week said the **Twitter** and e-mail feedback from his transmissions had been "fantastic," and that his science campaign had become "quite an event."

"Thank you for making a difference and advancing Amateur Radio as well," Doug Howard, VE6CID, tweeted. Another Twitter follower enthused, "You're running the coolest DX station in the world." Fallen said he also received "a lot of great waterfalls," as well as video and audio recordings from hams and SWLs.

Fallen started and stopped each experiment block with DTMF tones, transmitted in AM on or about 2.8 and 3.3 MHz, each channel fed with audio tones of different frequencies or, in the case of music, as a separate stereo channel. If the "Luxembourg Effect" is present, skywave-signal listeners would hear both channels combined on a single frequency; Fallen said the effect is easier to detect with tones. In addition to tones, he transmitted "a 'dance track,' a Pachelbel Canon arrangement, and a variation of 'Row, Row, Row Your Boat.'" Jeff Dumps, KL4IU, composed some of the music, and he arranged and performed all of it.

The CW "airglow" artificial aurora experiment followed the Luxembourg Effect transmissions. All week, Fallen despaired that the "ratty" ionosphere and cloud cover were diminishing his hopes for success with the artificial aurora experiments. But on the last night, he tweeted, "Seeing artificial airglow with the spectrometer. Film at 11."



Fallen is now evaluating the results of his HAARP efforts. He said one listener posted "a most excellent" YouTube clip. He was not specific; several have been posted that document this week's experiments, including **this one** from Stephen Oleson, VE6SLP. Laurence Howell, KL7L, in Wasilla, Alaska, posted an **audio file**.

"The miracle of crowd sourcing!" Fallen said. "If only the Luxembourg Effect was more pronounced, but it is in the 3,300 kHz recording."

Fallen has been working under a \$60,000 National Science Foundation **grant**. "During campaigns, significant expenditures for fuel and personnel are required," the grant abstract said. "Large start-up costs make HAARP experiments largely inaccessible to individual researchers unless multiple experiments and funding sources can be bundled together during a campaign of up to two-week duration." According to the abstract, public participation would maximize "the broader impacts of the investigations."

"HAARP again...perhaps sometime this summer!" Fallen tweeted on February 23. He has posted additional information on his "Gakona HAARPool 2017" **blog** ( <https://sites.google.com/alaska.edu/gakonahaarpool/tune-in>)

They will qsl - picture here [Chris Fallen \(@ctfallen\)](#) on Twitter  
(Mike Terry via DXLD)

## TRÄFFPUNKT SKÅNE

Träffpunkt Skåne arrangerades 20 juni - 1 juli 1962 av Malmö Kortvågsklubb och DX Club Lundensis.



*De va då de.  
Med åren lite "kantstött".*

*Helt säker är jag inte, men jag vill minnas  
att jag hade medlemsnummer 533 i  
MKVK, så det kan vara frågan om ett  
medlemsmärke.*



(Torsten Söderström i Svensk DX-Historia)

i MKVK's historieskrivning kan man läsa om detta evenemang:

*1962 arrangerades också ett stort evenemang på sommaren. Den 28:e juni till den 1:a juli var det dags för Träffpunkt Skåne, med DX-parlamentet. Kvällen innan allt började ankom deltagare och ett specialprogram för Radio Syd som sedan sändes från MKVK Night Club förbereddes.*

*På fredagen besöktes Radio Syd på sin båt, polishuset och Köpenhamn, där Tuborg ärades med en visit. Under gamman bildades så Tuborg DX-Club den 28:e juni 1962. Det gick senare vilt till och under kvällen i Köpenhamn blev en finsk DX-are biten av strippa i armen.*

*På lördagen besöktes Hörby, man åt lunch på Bialitt och spetskaksbageriet i Billinge besöktes.*

*På kvällen inleddes parlamentet och landskampspokalen överlämnades, med champagne, till vinnarna. Prisutdelning skedde också för SM:s etapp I, program från Polen och Amman avlyssnades, Arne Skoog berättade historier, film visades, vimplar tryckta för evenemanget auktionerades ut, tårta äts i kapp med händerna på ryggen och stationsrepresentanterna Rita Sidorowin (Polskie Radio) och Hans Weber (Radie Prag) talade om sina stationer.*

*Söndagen blev mattare med avslutning av parlamentet och ett anförande av Ronald Green om SBC. Arrangemanget hade 150 deltagare och arrangerades i samarbete med DX-Club Lundensis. Nattaktiviteterna ägde rum på Vårboskolan i Arlöv.*

För den som vill läsa mer om vad som hänt under åren i MKVK så finns hela sammanställningen här:

[http://www.mkvk.se/MKVK\\_historia.pdf](http://www.mkvk.se/MKVK_historia.pdf)

(Thomas Nilsson)