

# SHORTWAVE BULLETIN

Issue no. 1837, Nov 22, 2015.

Deadline e-mail next issue: 0800 UTC, Dec 6, 2015.

This Sunday morning we woke up with a fantastic scenery seldom seen here. During the night about 25 cm snow covered the ground. In Copenhagen only 100 km south they reported 50 cm at various places. This was the first glimpse of the coming winter here. Normally the snow has gone within a few days.

A few days ago the new Perseus V5 software was out and of course I was curious to buy a license. 50 Euro was sent to Nico by PayPal and late that evening the license arrived.

A lot of improvements which you can read more about in this issue. Also some comments from the Perseus Yahoo group which may be of help for others.

Unfortunately very bad conditions the last weeks so all recordings have been thrown in the waste basket immediately. You can do other things than listening to just noise.

Thanks for your contributions.

Keep on ....

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## SWB-info

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

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

Dateline Bogotá 1993-1998: <http://www.hard-core-dx.com/swb/Dateline.htm>

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

## QSL, kommentarer, mm.

**Christer Brunström: Deutscher Wetterdienst, Sender Pinneberg 6040** svarade snabbt med trevligt QSL-kort. För närvarande pågår testsändningar kl. 12.00 UTC på 6040 kHz med 20 kW från sändarstationen i Pinneberg vid Hamburg. **Radio Slovakia International via Shortwave Service i Kall, Tyskland 9560 kHz** QSL-kort.

Jag vill också påminna om SDXF:s specialprogram den 28 november kl. 12.00 på 6060 kHz (ev. ändringar på [www.sdx.se](http://www.sdx.se))

**Stig Hartvig Nielsen. Säljes: TEN-TEC RX-340** mottagare och TEN-TEC 307 högtalare.

**NYTT PRIS:** Nu kan du köpa min TEN-TEC RX-340 professionella DX-mottagare med Digital Signal Processing - inkl. högtalare. Mottagaren täcker 50 kHz till 30 MHz i steg á 1 Hz. Har totalt 57 bandbredder från 0,1 kHz till 16 kHz. Utmärkt känslighet. Fint skick. Manual och original boxen följer med. TEN-TEC RX-340 uppnår 4,8 poäng av 5 på eham.net.

TEN-TEC 307 högtalare följer med. Super bra ljud. Får 5.0 poäng av 5 på eham.net. Nypris: 35.000 DKK. Pris sammanlagt **nu** endast 17.500 DKK (17.500 DKK = ungefär 21.900 SEK). Frakt tillkommer. <http://ham.brugtgrej.dk/annonce/128108>

Kontakta SHN på adressen: [hartvig \(at\) wmmr.dk](mailto:hartvig@wmmr.dk)

**Lennart Weirell:** Några QSL att rapportera: **R DARC** via ORS, Wien – 6070 k b (de tyska radioamatörerna), **Mustang R** – 6295 e-mail och **R Carrierwave** – 6325 e-mail.

## Article about DXing Taiwanese AM-stations

Those of you DXing to Far East, China and Taiwan might be interested in my blog post

[TreDXK@pedition: Targeting Taiwan - Real Hard-Core-DXing](http://tredxk.blogspot.fi/2015/11/targeting-taiwan-real-hard-core-dxing.html)

Article contains some recent audio clips I have heard this fall in Tampere DX-Club's listening cabin, southern Finland.

Any comments and corrections to the article are appreciated.

<http://tredxk.blogspot.fi/2015/11/targeting-taiwan-real-hard-core-dxing.html>

(Jouni Keskinen via RealDX)

## Sud Radio Andorra

Was für ein geniales Video über Sud Radio - Andorra! Edificio histórico de Sud Radio Andorra, que se encuentra en el Port d'Envalira, a 2450m de altura.

<https://youtu.be/zHiEselyZOW>

(73 Christoph Ratzer via A-DX)



2325	Nov17	2000	VL8T, Tennant Creek. Grandioses S7 Signal an meiner Pazifik Beverage aus Australien. Der Peak liegt wohl gegen 20 UT, da geht noch mehr ;-) (Christoph Ratzer)
2368.47			<b>[non-log]</b> . Radio Symban. Since mid-July they have been off the air, through Nov 8. Will they return again? (Ron Howard, San Francisco at Ocean Beach, CA, USA)
3276.9	Nov7	-1338*	Random Numbers station (spy station). YL with numbers in Korean; much better reception than my Nov 4 & 5 log. Thanks again to Hiroyuki Komatsubara for his help (Ron Howard, San Francisco at Ocean Beach, CA, USA)
3320.00	Nov10	2210	PBS, Pyongyang Korean talk // 6400 (AP-DNK)
3324.891	Nov18	1442	(Wolfy's recent measurement), RRI Palangkaraya. Went off the air between hearing an open carrier with some audio at 1432 & gone by 1443. Noted this due to an inquire to me from Victor Goonetilleke about their sign off time, as he recently had noticed they were off the air earlier than normal. Thanks Victor! Is this a permanent change? <b>Nov19:</b> Different sign off time today (yesterday off between 1432-1443); noted today 1450 to past 1525. So just a very erratic sign off time? (Ron Howard, Asilomar State Beach, CA, USA)
3904.981	Nov19	-1503*	(Wolfy's recent measurement), Pro 1 RRI Merauke, after playing "Pulau Ambon" (Island of Ambon)/"Love Ambon," just like yesterday. This was doing very nicely, as my local sunrise was at 1449 UT. (Ron Howard, Asilomar State Beach, CA, USA)
4009.92	Nov19	0050	Kyrgyz R 1, Krasnaya Rechka Kyrgyz ann, folksongs. // weak carrier on 4819.86 (AP-DNK)
4319-USB	Nov19		<b>[non-log]</b> AFN. A rare day with no QRM at all here. With my local sunrise at 1449 UT, I certainly would have expected to hear AFN if they were broadcasting today, during my 1449-1524 checking, but heard only a clear frequency. So seems AFN is still completely silent on SW, as they have been for a long time now (Ron Howard, Asilomar State Beach, CA, USA)
4749.943	Nov19		<b>[non-log]</b> . Pro 4 RRI Makassar (Wolfy's recent measurement). Nov 19 was a rare day indeed, as I was unable to hear any trace of them; 1347- 1525 only heard CNR1 (// 6125). Seemed RRI was off the air here today? (Ron Howard, Asilomar State Beach, CA, USA)
4750			<b>[non-log]</b> . Bangladesh Betar (HS), Nov 9 through Nov 11, not hearing any trace of them about 1200 and subsequent checking. Off the air or is it just poor conditions? (Ron Howard, San Francisco at Ocean Beach, CA, USA)
4750.00	Nov10	2230	Voice of China, Hailar Chinese conversation. (AP-DNK)
4755.54			<b>[non-log]</b> . PMA-The Cross Radio. Since May 10, the date Cyclone Dolphin hit them, has been silent through Nov 8 (Ron Howard, San Francisco at Ocean Beach, CA, USA)
4760	Nov21	1540	TWR Swaziland med portugisiska till 1545. 2-3 CB
4765	Nov22	0156	R. Progreso is on, not gone for good tho it was unheard 48 hours earlier. It was also off 18 minutes earlier tonight when Saul Chernos was trying to find it in Ontario for a MW // check. Supposed to start at 0130, or has that changed? (Glenn Hauser, OK)
4774.91	Nov7	2305	R Tarma, Tarma Spanish ann, Peruvian music. (AP-DNK)
4775	Nov19	2139	Radio Congonhas, Congonhas, Portuguese, comments, program "A Voz do Brasil". Also 2133-2145, Nov20, "A Voz do Brasil". (Méndez)
4800	Nov6	1140	AIR Hyderabad (presumed). The station I heard 1140-1404, playing non-stop filler Chinese music has <b>not</b> returned as of Nov 8; am only hearing presumed AIR Hyderabad in the clear (Ron Howard, San Francisco at Ocean Beach, CA, USA)
4800.00	Nov19	0025	AIR Hyderabad. Vernacular talk, 0030 man chanting without music, 0034 the man then talked, 0035 English ID: "This is All India Radio. The news read by ..." // 4895, 4920 (QRM Xizang) and 4970, 0040 Indian songs. (AP-DNK)
4800	Nov20	1258	CNR1. After hearing an UNID station here Nov 6, playing non-stop traditional Chinese music (assume CNR1 testing), today they are finally back on the air; // 6125, with their usual programming; totally blocking AIR Hyderabad, which had been in the clear recently with CNR1 off the air. Was great while it lasted! (Ron Howard, Asilomar State Beach, CA, USA)
4825	Nov19	2159	Radio Canção Nova, Cachoeira Paulista, Portuguese, religious comments. (Méndez)
4830			Mongolian Radio 2, heard their reactivation back on Nov 2, at 1054 and also reported by others. What has happened since then? Have been off the air much more than on. Nov 20, off the air. Is now a rare day to hear them! (Ron Howard, Asilomar State Beach, CA, USA)
4845	Nov19	2137	Radio Cultura Ondas Tropicais, Manaus, Brazilian songs. (Méndez)

4869.914	Nov14	1303	(Wolfy's recent measurement), RRI Wamena, with music program; the best heard in a while. (Ron Howard, Asilomar State Beach, CA, USA)
4875.11	Nov11	2220	R Dif. Roraima, Boa Vista, RR Portuguese talk (AP-DNK)
4885.00	Nov7	2315	R Clube do Pará, Belém, PA Portuguese talk (AP-DNK)
4885	Nov16	2145	Radio Clube do Pará, Pará, Portuguese, comments. Also 2150-2201, Nov19, Portuguese, comments. (Méndez)
4915	Nov16	2133	Radiodifusora Macapá, Macapá, Portuguese, comments, identification: "Radiodifusora". Also 2135-2144, Nov19, program "A Voz do Brasil". (Méndez)
4940	Nov7	1500	Voice of Strait, 1500-1530. They continue with their Sat. only English program "Focus on China"; started with pop song in English; only two news items (China/Taiwan summit in Singapore & the roll out of the new C919 aircraft that has been designed and manufactured in China); ID: "You are now listening to Focus on China, Voice of Strait Broadcast Station"; 1530 ID "This is the Voice of Taiwan Strait News Radio"; very readable; my audio at <a href="https://app.box.com/s/m21vz3z5khe293peb5oic9imkl3p6bx">https://app.box.com/s/m21vz3z5khe293peb5oic9imkl3p6bx</a> (Ron Howard, San Francisco at Ocean Beach, CA, USA)
4925.23	Nov11	2225	R Educação Rural, Tefé, AM Portuguese talk. QRM Xizang 4920 (AP-DNK)
4949.73	Nov21	0208	R. Nacional de Angola. Amazing reception; segments monitored: 0208-0315, 0333-0402 and 0439-0503; often with almost fair reception; many clear IDs: "Radio Nacional de Angola"; variety of music (one song with many mentions of "Africa," hi-life, etc.); ToH time pips. A very memorable reception for me! Extremely rare that I get audio above threshold level from them and to hear their clear IDs was a real DXing treat! <a href="https://app.box.com/s/v4rmm8x9yzmrgb1uaaummql2kujorite">https://app.box.com/s/v4rmm8x9yzmrgb1uaaummql2kujorite</a> contains my five minute audio (almost fair quality) (Ron Howard, Asilomar State Beach, CA, USA)
4950	Nov20	1825	Radio Nacional, Mulenvos, Portuguese, comments, vernacular songs, identification: "Boa noite, Radio Nacional de Angola". (Méndez)
4970.02	Nov7	1520	AIR Shillong, Hindi talk, 1530 English news, // 4800, 4895, 4920 (QRM Xizang), 5010 and 5040. Local TV-QRM all over! (AP-DNK)
4985.00	Nov7	2325	R Brasil Central, Goiânia, GO Portuguese talk (AP-DNK)
4985	Nov15	0525	Radio Brasil Central, Goiania, Brazilian songs. Also 2132-2140, Nov20, "A Voz do Brasil". (Méndez)
5005.00	Nov11	0511	JBA carrier, suspecting, RNGE, Bata (Glenn Hauser, OK)
5005	Nov21	-0437*	RNEG Bata (presumed), 0416-0437*, Nov 21. Another amazing African reception (see ANGOLA); almost fair; mostly all non-stop pop songs, with some in English (Usher with "OMG," etc.); one brief announcement possibly in Spanish(?); suddenly off with no announcements. <a href="https://app.box.com/s/rz95b9c2tosxtf5p7dt9ey0yldipfw01">https://app.box.com/s/rz95b9c2tosxtf5p7dt9ey0yldipfw01</a> contains my audio (poor/fair quality) (Ron Howard, Asilomar State Beach, CA, USA)
5005	Nov15	1815	Radio Nacional, Bata, Spanish, comments, pop music, identification: "La radio de Guinea Ecuatorial", "Mandamos cordiales saludos a todos los oyentes por la Radio Bata. Transmission cuts off abruptly at 1847. Also 1802-1848, Nov16, Spanish and Vernacular comments, Vernacular songs. Transmission cuts off abruptly at 1848. Also 1802-2131, Nov20, Vernacular and Spanish comments, identification: "Radio Nacional Guinea Ecuatorial", "Radio Bata", vernacular songs. (Méndez)
5020	Nov21	1900	Solomon Island Broadcasting Corp., Honiara. Die Stimme der Solomon Islands heute mit S9 Signal seit 1900 UT. Sehr, sehr schönes Signal. (Christoph Ratzer)
5035	Nov19	0644	Radio Aparecida, Aparecida, religious, "Santo Rosario". 24322. Also 2151-2156, Nov19, program "A Voz do Brasil". 24322. (Méndez)
5040.00	Nov19	0040	AIR Jeypore. Hindi ann, Indian songs. QRM from 5040, R Habana Cuba in English (AP-DNK)
5060	Nov22	0052	5060, 4980, 4850, 4500, JBA carriers, all matching the reactivated Xinjiang PBS, Urumqi winter freq's, each a different domestic language service (Glen Hauser, OK)
5905	Nov16	1205	Deutscher Wetterdienst, Sender Pinneberg med sjövädret på tyska. Ny frekvens ex 6040 kHz. 3-4 CB
5910	Nov20	0743	Alcaraván Radio, Puerto Lleras, Latin American songs. (Méndez)
5910.065A	Nov11	0515	ID for La Voz de tu Conciencia immediately followed by Alcaraván Radio, 1530. One is a subsidiary of the other? (Glenn Hauser, OK)
5915	Nov16	0402	ZNBC/Radio One. Mostly fair and readable; in vernacular; very detailed program schedule; many phone conversations. In past years I do not recall ever hearing so many "ZNBC Radio One" IDs. Very nice to hear them at this decent level, with clear IDs. <a href="https://app.box.com/s/4956jtzvdlpaeubiaeeqgh9wiext28e4">https://app.box.com/s/4956jtzvdlpaeubiaeeqgh9wiext28e4</a> contains my audio (fair/good quality) (Ron Howard, Asilomar State Beach, CA, USA)
5915.00	Nov11	- 2205*	ZNBC, R Zambia, Lusaka Vernacular talk, Afropop, deep fades. (AP-DNK)
5915	Nov21	1805	Zambian National Bc Corp med nyheter på engelska. Senarare lokala språk. 3 CB
5939.94	Nov7	2335	Voz Missionaria, Camboriú, SC Portuguese religious talk (AP-DNK)

5940	Nov19	2157	Voz Missionaria, Camboriú, 2157-2159, Nov19, "A Voz do Brasil". (Méndez)
5965	Nov15	0533	Radio Transmundial, Santa María, religious songs and comments. (Méndez)
5975.00	Nov8	2300	Voice of Vietnam, Son Tay Vietnamese programme. // Voice of Vietnam 5925 (Hum from another station) (AP-DNK)
5980	Nov8	0055	JBA carrier from R. Chaski; 0059 joined by a weaker one from BBC UAE, making the usual double-pitch het with BFO since they are a few Hz apart. Restoring a weaker single-pitch carrier from UAE only, R. Chaski cuts off at 0110:08*, which is 32.5 seconds later than last check Nov 3 at 0109:35.5, or an average of 6.5 seconds later per diem (noctem?). By the time it precesses to as much as 10 minutes ``late``, R. Chaski should be about to reset the slippery clocktimer closer to 0100*. 0138 recheck, no carrier as BBC runs only until 0130 (Glenn Hauser, OK)
5985.00	Nov17	2332	Myanma R, Naypyidaw Bamar talk. QRM 5990 CRI in Russian AP-DNK
5985.0	Nov20	1536	Myanmar Radio. In English; repeat of yesterdays NHK's program "Friends Around the World"; better reception than yesterday; schedule confirmed as Thursday & Friday (Ron Howard, Asilomar State Beach, CA, USA)
5985	Nov21	1530	Myanma Radio började sändningen på engelska. 2 CB
5995	Nov15	2223	Radio Mali, Bamako, Vernacular songs. Also noted on Nov16, 0635-0643with French, comments. (Méndez)
6000	Nov18	1346	RHC is still on now, and stronger than 5025 Rebelde which is anyway still audible 34 minutes after our sunrise today at 1312; two hours after Habana sunrise 1145. At 1358 Nov 18 on 17730, I'm ready to copy the new frequency announcement: going off 9850, 6000; continuing until 1500 on 17580, 9710; until 1600 on 15370 --- that's all, ignoring all their other frequencies including the big one I'm hearing! Why? At 1437 check I am also hearing: 9550 with CCI, 9640, 9710 strong splashing upon 9700 New Zealand, 9820, 11760; and at 1441, suptorted 17750. At 1455, the modulation is cutting out on 15370 as often happens (Glenn Hauser, OK)
6003.0	Nov22	0714	very poor talk and music. On this unique frequency, has to be Echo of Hope, from South to North Korea, 100 kW ND from Hwaesong, about an hour before sunset there, but on air per Aoki from 0555 to 2400, plus 250 kW of Juche jamming unheard now. BBC is finished with Ascension 6005 by 0700 (Glenn Hauser, OK)
6005	Nov19	0538	BBCWS in English again with that hum on the carrier. Suspect it's always there as heard Nov 11 at 0519. Which frequencies does same unit employ at other dayparts? I also noted in earlier report that 6005 and two other Ascension frequencies were not synchronized, to which Chris Greenway of BBCM replies: ``Hi Glenn, Ref. your note in the latest DXLD about the transmitters at Ascension not having their audio in sync. This is deliberate! It's to smooth out power consumption - i.e. avoiding a surge when there's an audio peak. The technique caused a problem a while back when a DXLDer spotted that two ASC transmitters on the same frequency (but different beams) had audio out of sync. I pointed this out to the relevant colleagues and it was fixed. Obviously, the technique should only be used when the transmitters in question are on different frequencies. The technique was introduced when Ascension went over to wind-generated electricity`` (Glenn Hauser, OK)
6010	Nov17	0707	Radio Inconfidencia, Belo Horizonte, Brazilian songs, comments: "Estamos apresentando Trem Caipira". // 15190. 13221. Also 2152-2156, 19-11, program "A Voz do Brasil". (Méndez)
6010	Nov16	0740	La Voz de tu Conciencia, Puerto Lleras, religious comments, Spanish. (Méndez)
6015	Nov9	0338	presumed Ungujan music, from ZBC, S9 but only fair with ACI from 6020 (Glenn Hauser, OK)
6025.00	Nov7	2350	Xizang PBS, Lhasa, Tibet Tibetan ann, local songs 35333 // 4905 (AP-DNK)
6040	Nov19	0643	Radio RB2, Curitiba, religious, "Santo Rosario". (Méndez)
6050	Nov18	0635	ELWA RADIO, Monrovia, religious comments, English. 34433. (Méndez)
6105.3	Nov18	2320	(Presumed) Radio Panamericana, La Paz very tentative, possibly relay of a sporting event? (Wilkner)
6115	Nov21	1822	Radio Congo med nyhetsprogram på franska. Stängde av sändaren kl. 1827. 3-4 CB
6115	Nov16	1745	Radio Congo, Brazaville, French, comments, Vernacular songs, at 1800: "Radio Congo, le journal", news. 24322. (Méndez)
6120	Nov15	0536	Super Radio Deus e Amor, Curitiba, religious comment. // 11765. (Méndez)
6034.95	Nov9	1345	BBS, running late; still on at 1345; usual format; clearly two stations, with the other being PBS Yunnan (China). Hiroyuki Komatsubara (Japan) reports BBS doing well here as late as 1430 (Ron Howard, San Francisco at Ocean Beach, CA)
6135	Nov19	0645	Radio Aparecida, Aparecida, religious, "Santo Rosario". 24322. (Méndez)
6165	Nov17	-1458*	Thazin Radio via Pyin Oo Lwin 13:52-14:58*. Per a tip from fellow DX'er Harold Sellers, out there in Vermon. British Columbia, tuned into the frequency of 6165 at 13:52 hearing a program of indigenous ballad music, with comments in Burmese by female

speaker. There was no interference and the quite stable with s4 to s5 level. This programming was played from this time frame to 14:28, then a pause, female speaker with what I thought was a ID, then very distinctive Flute/piccolo music played at 14:30. More ballad music with female singers followed. 14:35 hrs. the NEWSCAST in English was readied by a female announcer with several key references to land issues, recent election, co-operation between the delegates in Myanmar and a economical trade show. 14:42 Single TIME Note. This was followed with a English selection called 'You are my Lady' sung by Freddie Jackson 14:46 rest of the program was sort of up-beat hip-hop dance music with heavy of the drums and guitar, but rather low-keyed. I should added the signal was peaking about 14:42 hrs just prior to local sunrise with a nice s5 to s6 s-reading. 14:58 hrs Female speaker came on with closing comments and again the Flute/piccolo music played (their Interval Signal ?) and sign-off at 14:59 hrs. UTC. I must say one of the best mornings for this signal path into Central Alberta ! (Edward Kusalik via DXLD)

6165.00	Nov8	2315	Voice of Shenzhou, Beijing Amoy talk by man and woman. splash from CRI 6175 in Spanish (AP-DNK)
6200	Nov19	1600	// 7255 , Xizang PBS via Lhasa. The "Holy Tibet" program in English; "This is Holy Tibet, presented to you by China Tibet Broadcasting. Find out the history and reality on the roof of the world and keep in touch with the developments and changes in Tibet. This is Holy Tibet"; news items (Chinese President Xi Jinping and Mexican President Enrique Pena Nieto held talks in Turkey, etc.); segment "Eyes on Tibet"; played Tibetan music; mostly poor, but in a few weeks will have better reception. "Holy Tibet" scheduled 1600-1700 (Ron Howard, Asilomar State Beach, CA, USA)
6990	Nov21	1421	Radio Comintern (?) med oannonserad musik från Sovjetperioden. Stängde utan annonseringar kl. 1500. 3-4 CB
7120.0-	Nov9	0333	LSB S5 carrier presumed R. Hargeisa just after sign-on, and I find no modulation if tuned in the USB mode on the NRD-545, but just barely modulated when tuned in LSB mode, altho that also picks up CW QRham. Is this station habitually on LSB only? Recheck at 0355, now there is a Spanish ham on 7120-LSB, still a JBA carrier too (Glenn Hauser, OK)
7200.00	Nov10	0920	Myanmar Radio. Long interview and breaks for pop songs; phone ringing and chatting; brief QRM from CNR1 testing their transmitter at 0941 & 0945, before the full-time jamming at 1000, to block RTI (Ron Howard, San Francisco at Ocean Beach, CA, USA)
7205.00	Nov17	2345	Xinjiang PBS, Urumqi Uighur conversation QRM 7205 CRI in Mongolian // 3990 (QRM 3990 Gannan PBS), 4980 and 6120 AP-DNK
7220.074	Nov15	1510	Voice of Vietnam, Son Tay in Vietnamese, some S=9+10dB signal here in Europe. (wb)
7236.236	Nov15	1515	also unstable frequency noted of Ethiopia, Voice of Democratic Alliance on odd 7236.236 kHz hopping 10 to 20 Hertz around. (wb)
7240	Nov15	1445	Persian heard around 1445-1500 UT tune-in. BSKSA Riyadh is 1500-1757 UT scheduled in B-15 season, but heard an UNID in Persian language before, and at 1500-1503 UT UT heard Muslim HQ prayer in Arabic instead, followed by Persian program from 1504 UT. Underneath 7240 kHz Chinese program of CNR Lhasa Tibet, PBS Xizang. (wb)
7400	Nov19	*1300-	Shiokaze/Sea Breeze via Yamata (Japan). Heard in English on Thursday; schedule *1300-1400*. Aoki now indeed reflects CRI has dropped 1300-1357 from their schedule here (Ron Howard, Asilomar State Beach, CA, USA)
7470	Nov11	1243	Firedragon (music jamming) and CNR1jamming (// 6125); strong FD, with weaker CNR1; against Radio Free Asia (Ron Howard, San Francisco at Ocean Beach, CA, USA)
7502.0	Nov16	-1324*	AM+USB+LSB, but strongest in USB, StarStar Broadcasting Station (V13), 1305-1324*. Giving numbers in Chinese; assume their fourth program - "XingXing guangbo dantai 4"; fair; believed to be operated by Taiwanese Intelligence agency. Must be *1300 and also *1200 (Ron Howard, Asilomar State Beach, CA, USA)
9515	Nov19	2156	Radio Marumby, Curitiba, "A Voz do Brasil". (Méndez)
9565	Nov19	0647	Super Radio Deus e Amor, Curitiba, religious comments, Portuguese. (Méndez)
9590	Nov20	1453	[and non]. nondescript songs on poor signal, and 1455 announcement in unknown language, more music, so <b>I m dreaming of Myanmar</b> , but dashed at 1500 by accurate time-signal, CRI theme and off the air. Uplinked later in EiBi & Aoki, 9590 listings show <b>Thazin Radio is over at 1330</b> ; Taiwan in Russian scheduled at 14-15, and CRI in Chinese at 15-16, so something`s out of sync. HFCC would never include Taiwan or Myanmar, but does allege CRI via Kashgar in Chinese starting, not ending at 1500. No break in transmission noted during my monitoring. Probably all-CRI as they typically air musical preludes (Glenn Hauser, OK)

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Hi Glenn, Recently Thazin Radio (Myanmar) on 9590, has been heard here on the coast

with decent signal and in the clear after CRI goes off at 1300, till Thazin goes off at 1329\*. My Nov 17 audio <https://app.box.com/s/9xg7bgcsavw0pewq4jlipluywo24tegr> with sign off segment. Note at about 01:19 on the recording there is the distinctive, indigenous instrumental theme music they always play before going off. From tune in at 1307, till 1328, they played non-stop pop songs. Ron Howard, California  
 9525.98 Nov9 1318 VOI. Unable to confirm if scheduled "Exotic Indonesia" program; VOI-Jakarta and Pro 2 RRI Bukittinggi, West Sumatra due to weak signal; "Today in History" (this date 1953, Cambodia, which had been a French protectorate for 90 years, gained independence); at times the audio cutting off and on (Ron Howard, San Francisco at Ocean Beach, CA)  
 9630 Nov19 0645 Radio Aparecida, Aparecida, religious, "Santo Rosario". (Méndez)  
 9635 Nov16 0940 Radio Mali, Bamako, Vernacular and French comments. (Méndez)  
 9665 Nov19 2156 Voz Missionaria, Camboriú, "A Voz do Brasil". (Méndez)  
 9722.97 Nov20 2355 Rádio RB2's downward drift has now surpassed (or rather, subpassed), 9723 with Aparecida mentions, very poor. Based on the rate of drift, one might project when it may reach 9722, 9721, 9720, etc., etc. (Glenn Hauser, OK)  
 9725 Nov19 0646 Radio RB2, Curitiba, religious, "Santo Rosario". (Méndez)  
 9760 Nov16 0711 tune-in, immediate ID in American English, "No matter where you are, this is RN2", and into a song, fair signal. I.e. JOZ7, Radio Nikkei 2, which is nominally in Japanese, per Aoki at 23-08, 50 kW, 50 degrees from Chiba-Nagara, suitable for North America. By this time after 4 pm JST, JOZ6, 6115 is also audiblizing, same power and beam (Glenn Hauser, OK)  
 9820 Nov19 0646 Radio 9 de Julho, Sao Paulo, religious, "Santo Rosario". (Méndez)  
 11735 Nov20 0930 Radio Transmundial, Santa María, Portuguese, religious comments and songs, identification: "Transmundial". (Méndez)  
 11765 Nov19 2155 Super Radio Deus e Amor, Curitiba, "A Voz do Brasil". (Méndez)  
 11780 Nov19 2155 Radio Nacional da Amazonia, Brasilia, "A Voz do Brasil". (Méndez)  
 11815 Nov19 0720 Radio Brasil Central, Goiania, Brazilian songs. (Méndez)  
 11935 Nov19 0647 Radio RB2, Curitiba, religious, "Santo Rosario". (Méndez)  
 12034.88 Nov14 0950 Voice of Mongolia, Ulan Bator.. Derzeit sendet man aus Ulan Bator das mongolische Musikprogramm zum Sonntag. (Christoph Ratzer )  
 -----  
 Bis zum 24.8. war die U-B MNG Vormittags-Aussendung für 12085 kHz registriert. Während der Brisbane Konferenz wurde der Konflikt mit Gleichkanal RA Shepparton am 25.8. beseitigt, Ulanbataar wechselte auf 12035 kHz. (vy73 wb via A-DX)  
 13800 Nov20 1530 R. Dabanga. Distinctive singing "Radio Dabanga" jingle; weak. No trace of Puntland Radio One (Ron Howard, Asilomar State Beach, CA, USA)  
 15190 Nov19 2153 Radio Inconfidencial, Belo Horizonte, program "A Voz do Brasil". (Méndez)

### 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) Christoph Ratzer, Salzburg, Austria (also from A-DX) Ron Howard, San Francisco at Ocean Beach, CA, USA (AP-DNK), Anker Petersen, Skovlunde, Denmark	Manuel Méndez, Logs in Playa Blanca, Lanzarote, Canary Islands Edward Kusalik, USA via DXLD CB, Christer Brunström, Halmstad, Sweden
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### remote Perseus in Thailand, log 0140 - 0311 UT Nov 22:

5914.991 MMR Myanmar Radio, Naypyidaw, proper S=9+10dB signal, 0150 UT wandered down from 5914.994 to 5914.988 kHz.  
 5924.996 VTN VoVietnam 2nd px, Hanoi Xuanmai, Vietnamese S=7 in Thailand, at 0259 UT.  
 6019.997 VTN VoVietnam 4th px, Dac Lac, hill tribe mx singer, 0139 UT  
 6029.992 MMR Thazin Radio, Pyin U Lwin, strongest MMR signal S=9+15dB QSY from 6030 to 9590 kHz at 0130 UT?  
 6049.990 MLA RTM Asyik FM, K-L Kajang site, S=7-8 signal, 0305 UT, nothing heard on 5965 kHz from Kajang.  
 6130.000 LAO Surprisingly even fq ! Lao National Radio, Vientiane S=9+5dB, female music presenter. 0155 UT on Nov 22.  
 6164.998 VTN VoVietnam 4th px, Hanoi Xuanmai, Dao at 0140 UT Nov 22 threshold level in eastern Thailand remote SDR unit  
 7200.093 MMR Myanmar R, Rangoon Yegu site, older distorted audio progr TX unit, S=9, 0211 UT on Nov 22, S=8 at 0254 UT. and \ accompanied +/-14.8 kHz spurious signals, as already monitored in past decade ! 7185-7189 kHz.  
 7210.000 VTN VoVietnam 1, Dac Lac, S=9 at 0207 UT  
 9589.995 MMR Myanmar R, Pyin U Lwin S=7, rather in skip? zone at 0215 UT  
 9635.794 VTN VoVTN 1st px from Son Tay, Vietnamese, 0248 UT, S=7  
 9730.000 MMR Myanmar R, Pyin U Lwin S=7, rather in skip? zone at 0240 UT in English language segment. FRERE JACQUES folk song.  
 9835.000 MLA RTM Sarawak FM, in Malay, pop singer, at 0311 UT Nov 22.  
 (wb df5sx)

## CHASQUI DX PFA – NOVIEMBRE 2015

CQ, CQ, CQ... Aquí Pedro F. Arrunátegui para compartir algo con los que disfrutan y aman el DX latinoamericano, todas las horas son UTC, desde la tierra de los incas, les informo mediante este Quipus lo siguiente:

- 4774.90 PERÚ, R. Tarma, Junín; 3/11 1010-1035 44444** mx cumbia peruana ID 4.40 Radio Tarma la primerísima”
- 4865.00 BRASIL, R. Verdes Florestas, Acre; 6/11 2335-0005 44444** saludos y mensajes mx varias ID “Radio Verde Florestas”
- 4885.00 BRASIL, R. Clube do Pará, Belém, PA; 6/11 0010-0140 33333** news ID no dan px Gornal du Para al final.
- 4985.00 PERÚ, R. Voz Cristiana, Chilca, Huancayo; 15/11 1130-1150 44444** mxf con motivos religiosos ID "A través de Radio Voz Cristiana, hay que estar preparados" mx ID "Esta usted en sintonía de radio "Radio Voz Cristiana"
- 5939.86 BRASIL, R. Voz Missionaria, Camboriú, SC; 8/11 0006-0025 33333** mx religiosa advs ID “Por Voz Missionaria mensajes y www Missionaria” mx px Musical Missionaria ID “ Musical Voz Missionaria, en todos los idiomas”.
- 6050.00 ECUADOR, R. HCJB, Quito; 9/11 0020-0045 44444** px news Ecuador Noticias ID “HCJB forma parte de una cadena de emisoras” ID en quechua y dialecto. (Escuchar grabación adjunta) mxf
- 6080.00 BRASIL, R. Marumby, Curitiba, PR; 8/11 0028-0115 33333** Escucho oración diciendo aquí en Curitiba px Todo Oración, programas musical evangélico, dan dirección de la iglesia en Curitiba. No da n ID.
- 6134.86 BOLIVIA, R. Santa Cruz, Santa Cruz; 8/11 0125-0140 33333** mx romántica LA ID “Radio Santa Cruz, en la chacra y en la oficina” mx nuevo slogan ID “Santa Cruz, la Radio Romántica”
- 6173.85 PERÚ, R. Tawantinsuyo, Cusco; 9/11 0050-0100 44444** px news Noticiero ABC ID El noticiero ABC con su actualidad por Radio Tawantinsuyo” advs en quechua.



La recepción la he efectuado del 26/10 al 15/11 en compañía de mis sabuesos Icom IC R72 + ELAD FDM-S1 + Splitter ASA 4 x 2 + Mizuho KX-3 + MFJ-1025 y una antena de hilo largo de 12 metros + antena auxiliar + una Mini Whip + una antena loop. **NOTA:** Para un mejor escucha de las grabaciones que adjunto, sugiero escuchar con los audífonos. /Muchos 218's , PFA

## Station news

**ALBANIA Radio Tirana** Shijak replaced 7425 by **7470** kHz #16519 request in their North America see in English language at 0230-0258 UT Tues - Suns, but NOT on UT Mondays.  
vy73 wb df5sx, wwdxc

**BRAZIL.** Apparently, **Radio Bandeirantes** of Sao Paulo, has ended its shortwave transmissions, since it is no longer heard on 9645 and 6090 kHz; transmission on 11925 kHz had been suppressed for several months. Affected by a financial crisis, the Sao Paulo station began a wave of layoffs in its workforce in August, not even sparing established names from the sports department.

The cuts, which have reached other parts of the Bandeirantes Group, seem to have come now to shortwave transmissions. We hope, however, that the traditional broadcaster of journalism and sport, can overcome this crisis and re-operate on shortwave soon. (Lenildo da Silva, No Mundo do Dexismo, via Daniel Wyllians, HCDX 26 Sep / Glenn Hauser, DXLD) (via **Tore Vik**)

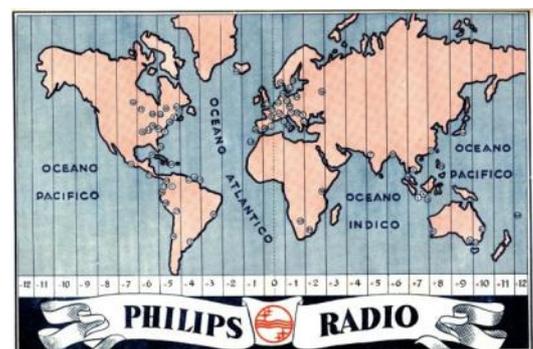
## Other radio news

**Planisferio de Philips Radio, 1939**  
[lagalenadelsur.wordpress.com](http://lagalenadelsur.wordpress.com)

En 1939, comenzó en Europa la Segunda Guerra Mundial. Holanda fue invadida por las tropas alemanas e...

<https://lagalenadelsur.wordpress.com/2015/11/20/planisferio-de-philips-radio-1939/>

(Facebook Svensk DX-historia, Henrik Klemetz)



## WRC-15 sagt JA zu 60-m-Amateurfunkband

Wie die ARRL berichtet, hat die Vollversammlung der World Radio Conference 2015 in Genf (WRC-2015) einer Zuweisung im 60-m-Band für den Amateurfunkdienst zugestimmt. Damit dürfen Funkamateure ein 15 kHz breites Spektrum zwischen 5351,5 bis 5366,5 kHz auf sekundärer Basis nutzen. Achtung: Die maximale effektive Strahlungsleistung ist in der Region 1 auf 15 Watt EIRP begrenzt.

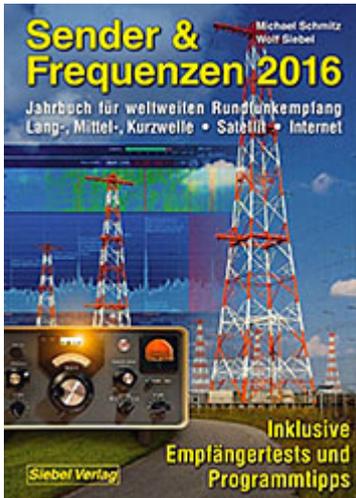
Jetzt muss dieser Beschluss allerdings noch in nationales Recht umgesetzt werden.

Das 60-m-Band bietet ideale Bedingungen für die Kommunikation über kurze bis mittlere Distanzen via NVIS (Near Vertical Incidence Skywave, also Steilstrahlung).

(73 Tom DF5JL via A-DX)

## Sender & Frequenzen 2016

Nicht wie alle Jahre:



Das neue Sender & Frequenzen Jahrbuch 2016 ist ausnahmsweise bereits jetzt bei Amazon vorbestellbar. Diesmal sogar als „No. 1 Bestseller in Hochfrequenztechnik“.

Wer den Betrieb unserer Liste unterstützen möchte kann das Buch gerne durch den einfachen Klick auf das (von mir gestaltete) Buchcover auf meiner Webseite <http://ratzer.at> vorbestellen.

Ihr bezahlt natürlich bei Amazon den gleichen Preis für die Bestellung wie wenn ihr direkt zu Amazon geht. A-DX erhält durch das Partnerprogramm eine kleine Gutschrift auf jeden über diesen Link bestellten Artikel. Mit diesen kleinen Beträgen wird ein Teil des A-DX und NET-RADIO Serverbetriebs gedeckt.

Freuen wir uns bald auf das neue Jahrbuch, für das es 2016 sogar wieder den beliebten Nachtrag mit aktuellen Frequenzen geben wird.

Ende der Werbedurchsage.

<http://ratzer.at> <http://remotedx.wordpress.com>

(73 Christoph Ratzer via A-DX)

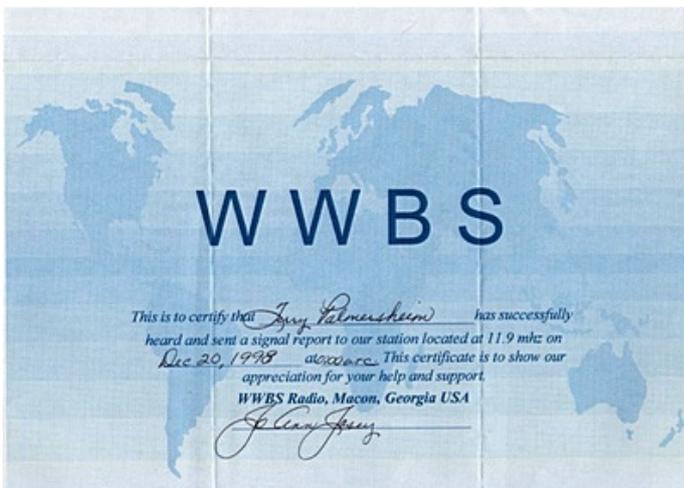
## Russian troll army targeting one of our own

While reading some articles on FB tonight, I focussed on an article about a young journalist employed by YLE in Finland, and how she was targeted by despicable trolls who have done everything to discredit her and YLE. What caught my eye, was that one of our own, Mika Makelainen, has also been targeted. Hits close to home. A sickening turn of events.

<http://kioski.yle.fi/omat/my-year-as-a-pro-russia-troll-magnet>

(Walt Salmaniw, Victoria, BC via DXLD)

## Whatever happened to .... WWBS?



QSL from 1998 Terry Palmersheim

<http://www.antique-corner.com/SWLQSL/wwbs.htm>

It's interesting to look back and reflect on the disappearing shortwave broadcasters from our past. Down in Macon, Georgia, USA there was once a private short-wave radio station with the callsign WWBS.

Its programming largely consisted of religious content, and it maintained a schedule of weekend operation for approximately 2 hours on both Saturday and Sunday evenings (local Georgia time). Mostly the station schedule was 0000 to 0200 UTC, although sometimes it was noted opening up at 2300 UTC.

WWBS began transmissions in December 1998 and continued till February 2003. The station was owned, built and operated by amateur radio operator Charles C. Josey K4LNL and his wife Jo Ann Josey K4LHO. Charles was an enthusiastic and extremely proficient constructor of ham radio equipment, and his residence was filled with old home brew transmitters, receivers and auxiliary equipment.

You can still see some of the well-made home brew equipment Josey built by going to the following website:

<http://www.jamminpower.com/eBay/TMC/K4LNL.html>

So, I guess it was logical that Charles would also build and maintain the 50kW transmitter that broadcasts programs from WWBS. I believe the signal transmitted was upper sideband and carrier (no LSB), although I can't confirm this fact.

In just over four years of operation, WWBS transmitted mainly on 11900 kHz, but was also known to swap to other nearby outlets of 11905, 11910 and 11915 kHz. The large 4-element rotatable yagi antenna on the roof of a building in downtown Macon was also designed and constructed by Josey, who is reported as saying it was 140 feet high (42 metres). In a recent Facebook forum, Charles Pennington reports that the antenna is delta fed with 450 ohm balanced line for broad bandwidth. It's SWR was measured good from around 9 MHz to 13 MHz enabling it to cover both the 31 and 25 metre bands.

The transmitter operated from 300 Poplar Street, Macon, GA. (Coordinates: 32 49 56 N Latitude 083 37 34 W Longitude). Pop the address into Google Maps and you can still see the antenna (and its shadow) sitting high on top of this old building, which is labeled on the map as "Christ Chapel The Warehouse"!

Today, the huge yagi antenna still remains, as can be seen from these closeup photos below, taken last year by Mike Doughney N3MCU (and used with his permission - thanks Mike!) Click on each image for a closer view.

The station appears to have been a regular verifier of reception reports with a large QSL Certificate, although it seems that for some listeners, a reply could take many months to arrive! The verification signer was usually Jo Ann, however, Charles was also known to sign the odd QSL, too. The station address was given as Radio Station WWBS, P. O. Box 18174, Macon, GA 31209. However, in response to one listener, Charles suggested that mail to this address was unreliable and that a better address for reception reports was 965 Hickory Ridge Drive, Macon, GA 31024 USA. This may have been the home address of the Josey family.

So why did WWBS suddenly disappear from the shortwave bands? Well, Charles died on February 28, 2003. And as he was the owner/operator of the station, WWBS died along with him. We don't know what happened to the transmitter and studio equipment. I believe it was later sold, but the antenna still remains. I would be interested if readers have any further information.

Never heard WWBS before? Well, over at IntervalSignals.net, there is a recording of the opening announcement. Check it out: [http://www.intervalsignals.net/Files/usa-z-wwbs\\_ga\\_270200.m3u](http://www.intervalsignals.net/Files/usa-z-wwbs_ga_270200.m3u)

73 and have a great weekend everyone!

Rob Wagner VK3BVW <http://medxr.blogspot.com.au/2015/11/whatever-happened-towwbs.html>  
(Mike Terry via DXLD)

## 17 Nov 2015. NEW PERSEUS V5 ALPHA RELEASE

**This is a alpha-release of the V5 Perseus software.** Click on the image above to expand it.

V5 software main features:

- Resizable application window up to a HDMI screen resolution of 2560x1400 pixels
- New, faster Digital Signal Processing engine
- Much faster spectrum/waterfall screen refresh rate up to 120 lines/second
- Much improved waterfall quality
- Dynamic spectrum averaging for a more comfortable spectral view
- Revised tuning options with better man-machine interface
- Full support for XP/W7/W8.1/W10 Microsoft Operating Systems
- Future support for split spectrum/waterfall display operations.

The V5 archive includes the client and the server Perseus software along with a demonstrative version which does not require any registration.

The demonstrative V5 software is completely free but have some limitations:

- The tuning range in real-time mode is limited to the frequency between 13.6 MHz and 14.2 MHz.
- Software settings are not saved among different sessions
- Network mode is disabled
- Zoom function is disabled

The license file for the full V5 Perseus software is available at the price of 59 Euro. To order it please run the Perseus application and follow the instructions (please note that V5 software licences are locked to the receiver serial number) Licenses are free for Perseus units sold by Microtelecom s.r.l. after October 1, 2015.

Download the Perseus V5 Software (17 November 2015 - 5 MB .zip file). Save the the archive on your hard-disk, unzip it and run. Minimum system requirements and basic release notes are listed in the README.TXT file contained in the distribution archive.

### *PERSEUS V5 Quick tuning guide*

As some of the tuning methods of this software release have been changed from previous versions and new ones have been added, please refer to this quick guide to learn all of the ways you can tune a signal with the new Perseus V5 software edition.

(Nico from Microtelecom web page)

## SOME COMMENTS

Thomas Nilsson: I asked Nico in a mail what the button "**Snap**" means:

*The "Snap" button selects how the tuning frequency is set when you double click on the spectrum display in AM/SAM and all other modes besides CW. I.e. if you select 500 Hz the tuning frequency after a mouse double click will be multiple of that value.*

*(Best regards, Nico)*

### Copies of a few mails in Perseus\_SDR which can be of interest also for others:

A couple of things I couldn't filter out from the info given so far:

1. If a user owns more than one Perseus (I have four), will he be required to pay one full license per Perseus, or is it possible to look at options like a) one license per user, b) one license per x number of Perseus, or c) discounted license fees for the second, third etc. Perseus.
2. I understood from Lasse that the license follows the receiver, not the PC. If the Perseus hardware is moved from one PC to another, how will I be able to run V5 on that particular PC? And what if I have four Perseus that over time will "move around" to different PCs?

(Bjarne Mjelde, arcticdx.blogspot.com)

-----  
Yes.

Of course I'm deeply grateful to those like you who demonstrated their trust towards it and there's no need to pay a full V5 license price in the case you own more than one unit, some discount over the single license full price is possible.

Every license has a different name which matches the Perseus s/n it refers to.

The V5 software detects the serial number of the unit(s) which is(are) actually connected to the system, loads the proper license file(s) and enable a software session for that unit(s).

(73s, Nico / IV3NWV)

-----  
Thanks Nico. One follow-up: Does it mean that the hw needs to be connected to the PC for V5 to run (unlike pre-V5 versions)? I noticed that the V5Demo wouldn't run if I disconnected the receiver.

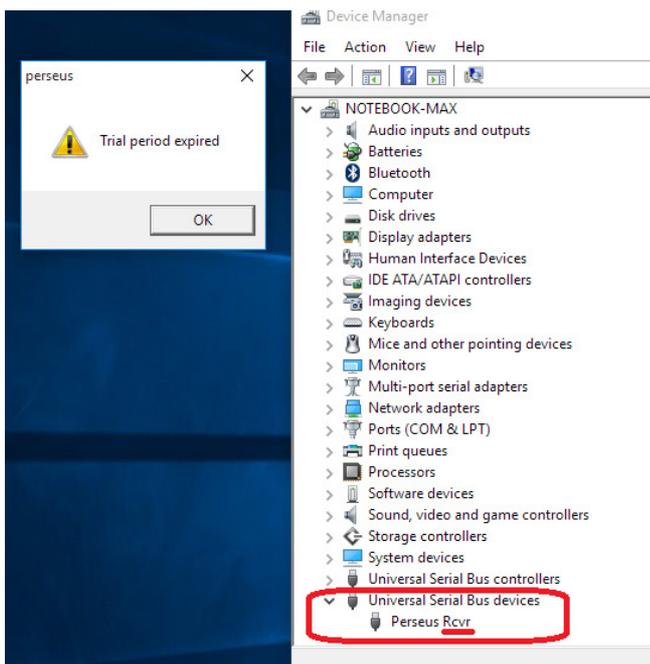
(Bjarne Mjelde, arcticdx.blogspot.com)

-----  
No, it was just a stupid mistake I've made recompiling the demo. I've corrected it few hours later the initial publication two days ago thanks to a feedback and if you download the archive again you should be able to run the demo also in play-back mode.

(73s, Nico / IV3NWV)

## Solving driver installation problem with Perseus

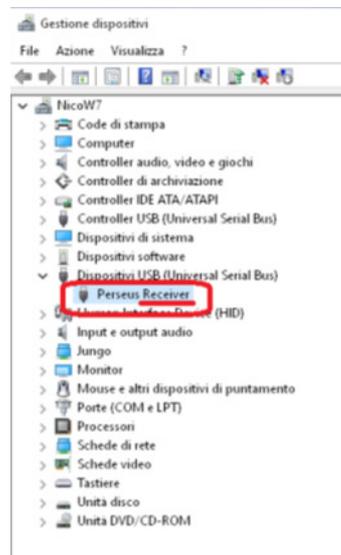
A fellow named Max had problem with his Perseus driver installation which looked like this in the Device Manager. Here is the answer from Nico in Perseus\_SDR:



Hello Max, thanks for the pictures, they let me understand where your problem is. Look at the differences.

This is the picture of your control panel:

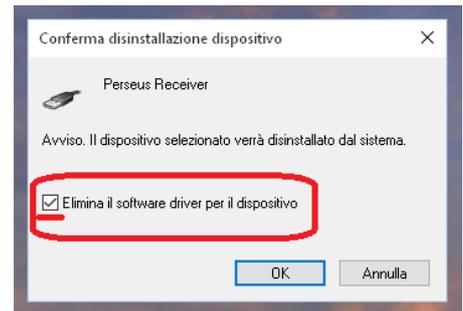
As you can see the receiver is listed with a different name.



The .cfg file I distribute with Zadig contain the name "Perseus Receiver" which is not the name reported by your screenshot. This means that your W10 system is using (making the association with) some other previous driver and NOT the driver which zadig should have installed.

**To solve:**

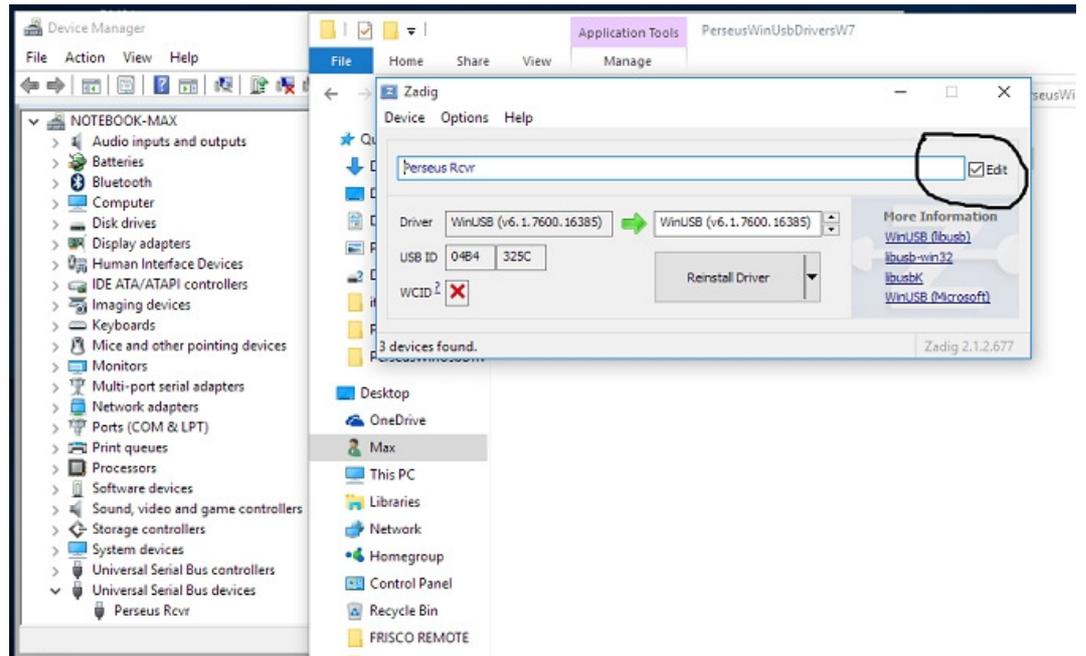
- 1) Uninstall the driver you have installed right clicking the Perseus rcvr icon and checking the box "Elimina il software driver per il dispositivo" (which in English should sound "Delete the software driver for this device") as indicated in this picture:
  - 2) disconnect your receiver from the system
  - 3) reboot W10
  - 4) Redo the Perseus driver installation as explained in the driver distribution.
- (73s, Nico via Perseus\_SDR)



-----  
Hello Nico,  
The problem is solved and it was indeed the name of the device but your procedure, that I followed already, didn't work for some reasons.

To solve the issue I manually edited the device name using the edit function in Zadig, which I did for all the USB ports because the old name was reappearing changing the port.

The other solution, for Experts, can be going through the Windows Registry. Thank you for your support.  
(73 de Max, N5NHJ (I8NHJ))



**Klingenfuss publication 2016**

Read our new paper with a few sample screenshots at <[www.klingenfuss.org/websdr.pdf](http://www.klingenfuss.org/websdr.pdf)>

The new 2016 catalogue plus full A4 size sample pages of all printed new publications, et al, can be downloaded from our website. Simply click the PDF or GIF symbol!

New product: 2016 Frequency Database for the Perseus Software-Defined Receiver now comprises 14'282 entries, with BOTH broadcast AND! professional utility radio stations on HF now showing the call sign as well! See our website for details.

New product: more than 11'500 Digital Data Decoder Screenshots on USB Stick. See our website for details. For latest screenshots of PLATH and WAVECOM Digital Data Decoders see our hotfrequencies webpage updated daily.

Klingenfuss Radio Monitoring, Klingenfuss Publications Germany  
E-Mail <[info -at- klingenfuss.org](mailto:info-at-klingenfuss.org)> Internet <<http://www.klingenfuss.org>>  
(WORLDWIDE DX CLUB Top News #1228 Nov 19th, 2015)