

# SHORTWAVE BULLETIN

Issue no. 1979, June 27, 2021

Deadline e-mail next issue: 0800 UTC, July 11, 2021

This issue will be a bit late due to other activities today.

A huge log and lots of other information in this issue.

Some notes regarding the log. I receive from some of you more than one log for next issue. A few stations are repeated also in the following mail. I will only use the latest of your log in SWB. Also please note that you don't have to mention language for those stations using their native language, like Portuguese or Spanish.

Also note that Glenn Hauser almost every day issues his logs. For those of you seeking additional information of the SW scene, see his note to the right where his files can be found.

As usual we can look back to the old days by watching the nice verifications presented by Ronny Forslund in the DX Nostalgia column. Enjoy!

Keep on ....

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## SWB-info

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

### GLENN HAUSER LOG ROUNDUPS

Please note and spread the word - for those not on a list where my almost-daily all-band but mainly SW log reports appear -- or for those who are but find this a more convenient archive, weekly merged roundups of all these reports in their original form are posted early every UT Thursday via:

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

The latest one direct:

[https://www.w4uvh.net/ghlogs\\_2021\\_0617\\_0623.txt](https://www.w4uvh.net/ghlogs_2021_0617_0623.txt)

[https://www.w4uvh.net/ghlogs\\_2021\\_0610\\_0616.txt](https://www.w4uvh.net/ghlogs_2021_0610_0616.txt)

[https://www.w4uvh.net/ghlogs\\_2021\\_0603\\_0609.txt](https://www.w4uvh.net/ghlogs_2021_0603_0609.txt)

(73, Glenn Hauser)

**Christer Brunström: Voice of Turkey 15450** sent a Ramadan QSL-card. **Radio Northern Star 5895 kHz** with eQSL and other information. **WRMI 15770 QSL**-card depicting mushrooms at WRMI Transmitter Site.

**Ullmar Qvick:** Tackar för midsommarhälsning och önskar dig god fortsättning! Här var vädret igår midsommarafon troligen mycket sämre än hos dig. Vi hade regnskurar flera gånger under dagen men faktiskt uppehåll på kvällen. Sen dess har det kommit mera regn. Det faktum att SMHI ligger här i Norrköping har tidigare medfört gynnsamt väder men nu tycks meteorologerna tappat greppet eller drabbats av känslor för rättvisa... så nu kompenseras deras tidigare gynnande av området med att vi har ovanligt regnit här numera!

Här lyssnar jag och rapporterar en hel del, och även om det inte är första klassens rariteter jag får tag i så är jag rätt nöjd. Har hittills i år sänt 83 rapporter och fått 59 QSL.

Jag ger här **QSL-listan** för de två senaste månaderna:

**Rado Igloo 6298 kHz** e-kort, **Radio Gaweylon via al-Dhabbiya UAE 15215 kHz**, två e-kort samt brev för två rapporter, **TRT Enirler 11815 kHz** kort och **Radio Recep Erdogan 11540 kHz** TRT-kort, **Radio Emma Toc 6070 kHz** via Channel 292 e-kort, e-brev och diverse mtrl, **CRI Urumqi 15590 kHz** e-kort och e-brev **W.L.L. via Moosbrunn 6070 kHz** e-kort och e-brev, **RFA via Dushanbe 9315 kHz**, **RFA via Kuwait 7565 kHz** och **RFA via Dushanbe 7545 kHz** alla med kort **Delta Radio Int... 6005 kHz** e-kort och e-brev, **Bogusman via Channel 292 5070 kHz** e-kort och e-brev, **From The Isle Of Music via Channel 292 6070 kHz** e-kort och e-brev, **TWR Guam via Erevan 13590 khz** e-kort och e-brev, **FRS Holland 4910 kHz** e-kort och mycket trevligt e-brev, **Radio Elektra via Channel 292 6070 kHz** e-kort och e-brev, **Bob's 60ies Splash via Channel 292 6070 kHz** e-kort och e-brev, **Radio Classic Sunday 3920 kHz** e-kort och e-brev, **Shortwaveradio 6160 kHz** kort och brev, **BVB via Tajikistan 11590 kHz** e-kort och e-brev, **BBC Ascension 6170 kHz** e-kort med info samt e-brev för BBC Antarctic Greetings. God fortsättning på sommaren!

**Carlos Gonçalves:** please find another week's time observation period, this time including items gathered at the SWest coast place.

Right on the day we arrived, I couldn't feel more "happy" thanks to a silly mistake that never happened before... Both cables are black, the jack plugs are identical, but I do this lots of times, so there should be no problem, until last Weds., when I used the Toshiba laptop power supply cable to power the Perseus rx instead of using the rx own power supply unit.

The result was immediate and got me mad, really mad for I don't know whether the Perseus can still be repaired. In two days, Microtelecom in Italy did not reply to my mail, neither did their agent for other countries, Portugal included, SSB in Germany.

So I am considering the alternative of a certain ELAD FDM-S2 already quoted by Wimo in Germany.

The component that got "fried" is clearly visible next to the jack socket, but I don't know which is as this second hand Perseus didn't bring any schematic, and I fear there can be other damaged components rendering the Persus completely useless. Right now that I was about to install the Perseus software in a new Wins. 10 Toshiba.

Having said all that, no Perseus since the 23rd June as indicated in my attached files.

Good DX... and do take care when connecting identical cables!

*(Let's hope Nico soon fixes your Perseus. Sometimes he is a bit slow in responding. /TN)*

**Lennart Weirell:** Ett QSL att rapportera: **FRSH** - 3920 e-kort, e-tidn. 21 d.

Några roliga saker i förra SWB:

1. Annonser från Sydimport med TRIO 9R-59 S. Jag köpte också en som jag använde i många år.
2. QSL-et från Southern Sound. Jag lyckades också höra den på 3930 kHz (87-07-20) och fick den verifierad. Tror inte att många i Sverige har den.

## Log

(UTC)

2749u	Jun23	0040	VCO Sydney NS wx information (Wilkner)
3250	Jun14	1210	KCBS Pyongyang, 3250 // 3959; both equally fair; 3920 had been used in the past, but not today. (Ron Howard, Asilomar State Beach, Calif. (near Monterey), USA)
3310	Jun25	2201	R.Mosoj Chaski, Cochabamba. Quechua, tks. 25331 (CGS)
3310	Jun21	2325	Radio Mosoj Chaski, Cochabamba yl and om in Quechua, back and forth conversations. stronger than usual. Wilkner)
3320	Jun14	1155	3320 // 6160 (ex: 6400 silent), Pyongyang BS. both fair. (Ron Howard, Asilomar State Beach, Calif. USA)
3330u	Jun21	2350	CHU time, strong signal. (Wilkner)
3915	Jun25	2203	BBC, Kranji relay. WS in E to SEAs, nx. 35232 (CGS)
3945	Jun14	1156	Echo of Unification, 3945 // 5905, June 14; open carrier at 1156; fair at 1159, with IS. My audio is at <a href="http://bit.ly/3xrUb2t">http://bit.ly/3xrUb2t</a> . (Ron Howard, Asilomar State Beach, Calif. USA)
3955	Jun23	2110	Channel 292, Rohrdorf. Pops. 35343 (CGS)
3955	Jun18	0220	Channel 292, Rohrbach English pop songs (AP-DNK)
3985	Jun14	2113	R. Bielorusia via Shortwave Sce., Kall-Krekell. G, tks on BLR. 35342 (CG)
3995	Jun18	0230	HCJB, Weenermoor U.S. English conversations, hymn (AP-DNK)
4765	Jun12	0340	Radio Progreso, La Habana, Cuban songs (MGi)
4775	Jun18	0105	Radio Tarma, Tarma, Peruvian songs, Spanish, comments. (Méndez)
4800	Jun23	2115	Voice of China, Golmud Chinese ann, songs and periodic noise QRM // 6080 and 11710 (periodic noise QRM) (AP-DNK)
4820	Jun23	2110	Xizang PBS, Baiding, Tibet ann, Chinese songs by choir // 6050 and 7240 (AP-DNK)
4840	Jun18	0235	WWCR, Nashville, TN English religious talk (AP-DNK)
4875.1	Jun19	0000	Rdif Roraima, Boa Vista RR weak signal with ute interference, music bridge. (Wilkner)
4885	Jun13	0504	Radio Clube do Pará, Belém, Brazilian songs, program "Clube da Madrugada. (Méndez)
4885	Jun19	0000	Radio Clube do Pará, Belém, PA with enjoyable music, strong signal, enjoyable programme (Wilkner)
4885.06	Jun18	0240	R Clube do Pará, Belém, PA talk (AP-DNK)
4905	Jun23	2100	Xizang PBS, Baiding, Tibet Tibetan interview & pop songs // 4920, 6110, 6130, 7385 and 9580 (AP-DNK)
4930	Jun23	-	VOA, Africa Sce., via Moepeng Hill English ann, Afropop songs, 2100: "This is the Voice of America, Washington D.C. signing off", anthem (AP-DNK)
4940	Jun25	0435	Religious Station, religious comments and songs, Spanish. (Méndez)

4940 Jun17 0355 Religious station, talk low mod (MGi)

4940 Jun27 0740 "La Montana Colombia" 1KW non directional on 4940 from Medellin, Colombia at 0740UTC in Alaska. Using the Sangean AT909X2, on its lowest bandwidth setting (1.8khz) and set "tone" to news to pull something out... hearing music and a man talking. Very poor very weak very fadey signal. Using two tunable, phased HF loops. (Paul B Walker via HCDX)

4940 Jun25 0005 La Montana Colombia, Maicao, relig pgm in SP, poor (XM)

4949.7 Jun15 2104 RNA-Canal "A", Mulenvos. Tks. 25341 (CG)

4955 Jun23 2340 Radio Cultural Amauta Huanta, some audio at times, in Spanish. (Wilkner)

4960 Jun23 2050 VOA, Pinheira Hausa conversation, Afropop song (AP-DNK)

4960 Jun23 0433 VOA, via Pinhiera Hausa talk English ID (MGi)

5010 Jun18 0245 WRMI, Okeechobee, FL English talk (AP-DNK)

5025 Jun18 0250 R Rebelde, Bauta Spanish ann, Cuban songs (AP-DNK)

5040 Jun18 0255 R Habana Cuba, Bauta Spanish ID, talk about Cuba (AP-DNK)

5085 Jun18 0300 WTWW, Lebanon, TN English conversation, song (AP-DNK)

5825 Jun20 0012 R. Triunfal Evangelica (P), Chile, Talagante; male in Spanish talks seems to an audience. Very poor, fady (LOB).

5850 Jun20 0030 Radio Slovakia International (via WRMI Okeechobee, FL) at 0030 // 7780 (Very Good also via WRMI Okeechobee, FL) with "Slovakia Today" with Jonathan McCormick with "The Saturday Front Page" review of the week's top news stories then a review of the top feature reports of the previous week from 0034 - Very Good (Coady-ON)

5895 Jun24 2155 R.Northern Star, Erdal. Pops. 25331 (CGS)

5895 Jun24 2020 Radio Northern Star, Bergen, pop songs. (Méndez)

5915 Jun25 2209 ZNBC-R. 1, Lusaka. Vn, Afr. songs, tks. 35332 (CGS)

5915 Jun25 0401 Zambia NBC, Radio 1, Lusaka, Vernacular, comments. (Méndez)

5920 Jun23 1235 HCJB, Weenermoor German religious talk about Paulus, hymns // 3995 (AP-DNK)

5920 Jun27 1300 Voice of Freedom. Program "Aneun geos-i him-ida" (Knowing Is Power); some faint jamming. This frequency is certainly the best one for VOF to use, whereas ex: 6045 always seems to have super jamming from N. Korea. My audio is at <https://bit.ly/35X1Ie4> . (Ron Howard, Asilomar State Beach, CA, USA)

5930 Jun19 1445 World Music R, Bramming Danish ann, Spanish pop songs, Spanish ID CWQRM in LSB // 927 (AP-DNK)

5939.8 Jun23 0355 Voz Missionaria, Camboriú, religious poor signal (MGi)

5970 Jun13 2124 R. 208 (p), Hvidovre. Mx. 15341 (CG)

5970 Jun23 1240 R 208, Hvidovre English pop songs, ID: "Radio 208, Copenhagen" // 1440 (AP-DNK)

5980 Jun15 - 1435\* Shiokaze/Sea Breeze, on June 15, caught them with ID and off -1435\*; fair/good, with no jamming, but light QRM from OTH radar. (Ron Howard, Asilomar State Beach, Calif. USA)

5995 Jun14 0552 Radio Mali, Bamako, open earlier than other days, French, "La Radio Nationale de Mali", "ORTM, la culture malienne...", at 0559 interval signal, id. "Vous écoutez l'Oficce de Radio-dufsion Television de Mali emettant de Bamako...", "Radio Mali", French, "La musique Malienne", African songs. (Méndez)

6030 Jun19 1545 CFVP Calgary, Alberta, reactivated: JBA at 1545 June 19 via remotes in Edmonton. "Best" but still barely readable, with laughter, Calgary mentions, via VE6ARS "southern Alberta" SDR, S2-S3, 1550 UT June 19. Tnx to these tips:  
David Fogarty: "It is back on the air as of 7 am [PDT? MDT?]. Two engineers from Bell Media, Dale and Gerry, who are also hams, VA6AD and V6QCT respectively, rebuilt the transmitter (partially with ham radio parts) and repaired the connection to the antenna with a temporary matching network. I am hearing it somewhat faintly here in Walla Walla, Washington but hope reception will improve as the day goes on. The temporary matching network means that not all the 100 watts are going into antenna. Sent from my iPad"  
Harold Sellers: "The engineer working on CFVP 6030 kHz, Calgary (Funny 1060 simulcast) tells me the station is back on the air as of 9:00 local time. There might be some brief interruptions as they continue to work. Harold Sellers" He is also QSL manager.  
Radio Martí is currently scheduled on 6030 at 0000-0400(Mon 0500) & 1000-1200; plus heavy Cuban jamming, which extends past 0400/0500, maybe all night; but CFVP does not consider QSY (Glenn Hauser, OK, WOR)

6030 Jun19 1908 CFVP (Calgary) "Funny 1060" at 1908 with comedy show, 1910 ID mentioning 1060 AM. And at 1930 with mention of BellMedia (owner) and "1060 AM". - Poor-fair. (Harold Sellers, Vernon, British Columbia via DXPlorer)

6040 Jun29 1200 6040 // 5935, Shiokaze/Sea Breeze, via Yamata (Japan). This from Hiroshi - June 16 (Wednesday) now reporting that 1300-1400 UT, will henceforth be in English on Wednesday (ex: Thursday), as it was today.  
FYI - - - - - From Hiroshi:

"United Nations symposium live broadcast. On Tuesday, June 29, the United Nations Symposium on the Abduction Issue will be held online, co-sponsored by the Governments of Japan, the United States, Australia and the EU. Japan, the United States, the Australian Government and the EU will hold an online symposium as a side event of the United Nations with the participation of representatives of UN member states under the theme of "international cooperation to resolve the abduction issue as a global issue". It will be held. At this symposium, we will listen to the complaints of the "live voice" of victims' families in Japan and other countries, and invite North Korean experts from each country to discuss ways to resolve the abduction issue. I will do it. The symposium will be broadcast live on the United Nations Web TV (English) and the official video channel of the YouTube Abduction Issue Countermeasures Headquarters (Japanese), so please watch it.

- United Nations Web TV <http://webtv.un.org/>

- YouTube Abduction Issue Countermeasures Headquarters Official Video Channel

<https://www.youtube.com/c/rachitaichannel> This pattern will be broadcast live on the day of the shortwave broadcast.

June 29 (Tuesday), 1200-134, 11890 kHz Japanese and 11995 kHz. Korean.

<http://www.rachi.go.jp/en/archives/2021/0519announcesympo.html> ."

(Ron Howard, Asilomar State Beach, Calif. USA)

6045 Jun14 1100 Voice of Freedom; covered by the usual super jamming from N. Korea; super jamming also back on 6135 (nothing there to be jammed!); while VOF's ex: 5920 had no jamming, but strong OTH radar. We can only hope they will soon return to 5920, where they normally have good reception free of jamming and not often OTHR. Observed frequencies on June 14 (Monday) for this week for VOP and VOF: Voice of the People: 3480 // 3910 // 3930 // 4450 // 6520 // 6600, at 1055 UT; another week with no change of frequencies.

Echo of Hope - VOF: 3985 // 4890 // 5995 // 6255 // 6350 // 9105, from 1122 to 1151 UT, the weekday English language lesson (on weekends this time period has the reading in English of a "Harry Potter" story, with explanations in Korean); reception on 4890 // 9105, is normally good. My audio is at <http://bit.ly/2SDGsXC> .

VOH continues with a four hour program loop; same program repeated every four hours.

Here is a picture of a morning visitor to the beach, near where I SWL - <http://bit.ly/3xqZ23T>

(Ron Howard, Asilomar State Beach, Calif. (near Monterey), USA)

6050 Jun20 - HCJB, Pichincha, Spanish, comments, Ecuadorian songs, anthem and close. Strong QRM from 0500\* Algeria on the same frequency. (Méndez)

6070 Jun18 2138 Channel 292, Rohrdorf. Songs. Poorer on // 3955. 35342 (CG)

6070 Jun22 2010 Channel 292 with the regular Tuesday transmission of Uncle Bill's Melting Pot, a most enjertaining music programme hosted by Bill Tilford. 3 (CB)

6070 Jun25 0350 CFRX, Toronto, English, news, comments. (Méndez)

6070 Jun12 0350 CFRX, Toronto, news talk female (MGi)

6090 Jun24 1755 Voice of Amhara State, Addis Ababa, Vernacular, comments. (Méndez)

6110 Jun24 1745 Radio Fana, Addis Ababa, Vernacular, comments, East African songs. (Méndez)

6159.9v Jun26 0010 0010-0100 I monitor the Area 51/61 WBCQ webcast for `Allan And Angela Weiner World Wide` - AAAXWW; but tuned in 10 minutes late. Allan is in a big rant for the whole hour, seems like bordering on paranoia, but I'm sure he would not see it that way. I take more notes than I should have, but some of them may be illegible as I try to transcribe them, may be paraphrased rather than verbatim quotes: Unnamed forces are trying to take down this SW station, out of jealousy, ignorance, hatred. They will be punished! As of July 1 there will be \*more\* Overcomer on WBCQ frequencies. We are under attack right now. We know who the perpetrators are and they will not succeed, and will be punished severely for what they have done. I'm sick of being treated like crap. Stealing is a broad term; can apply to trust, faith, confidence, privacy, not necessarily tangible things. 0019 false stop to rant. It's getting harder and harder to run these beloved stations against Satanic forces. My peace, love and understanding generation failed. 538 people should be charged with treason.

[538: that is the name of a well-regarded political podcast known for election prediction accuracy; but 538 is also the number of Electors in the College: 100 senators + 435 reps + 3 miscellaneous --- gh]

Money laundering; Satan is always grabbing at your soul. These beautiful radio stations are under attack, trying to destroy them.

WBCQ does not make any money; staff are paid, but Angela works for nothing except access to Allan. No one makes money in SW -- ask Jeff White or WWCR. WBCQ should be charging \$200 an hour for airtime. 0029, time for a tutorial against Socialism which is what Democrats and the Left are bringing on.

0030, interrupted by a phone call from Tim [not Tron!], who is allowed to go on and on for a dekamminute; 0040 finally blows him off after he starts quoting Aryan Resistance` Tom Metzger

in Iowa. Datestamp as 25 June YOOL 2021. 0041 starts to read from 1966 World Book Encyclopaedia-- remember those? about evils of Communism. But interrupted by a call from cosmikdebris = Larry Will, objecting to previous caller's white supremacism which Allan did not contradict. It's all Free Speech!

Until 0049, as prompted, Allan denounces KKK, Nazis, etc., but defends putting them on air. 0053 back to WBE on Communism. 0057 e-mail from Patrick denouncing Biden as being controlled by the CCP = Chinese Communist Party; prayer and off. Here's John Carver's summary:

``Tonight's AAWWW --- Tonight's show started a few seconds early on both 6160 and 7490. Storming here, so neither one has a great signal. Allan and Angela in the studio in Maine sharing a microphone as one is broken. Allan is in a bad mood this evening. Allan is upset about everything around him. Then a small rant about communism and socialism. Keeps repeating that the station is under attack as is free speech. Phone call at 0029 breaks the rant briefly as it was turning political but it continues with the phone call.

At 0041 Allan starts to read from the World Book Encyclopedia about communism but is interrupted by a phone call from Larry Will complaining about the previous caller. Allan responds with the usual free speech talk but does thank Larry for calling to rebut a call that he didn't agree with. Back to reading from the encyclopedia at 0052.

Reading of emails at 0056 and closing prayer at 0059. Program is off the air at 0100. John, Mid-North Indiana`` (Glenn Hauser, OK, WOR)

6170 Jun21 2130 BBC Ascension good signals until 2200 cd with special BBC greetings to staff of Antarctic Bases from relatives and scientists, including David Attenborough, 95.(UQ)

6174 Jun22 2325 Lúcio Otávio Bobrowiec, Brasil posted to the WOR iog: ``Hi all, On 6174 kHz Radio Tawantinsuyo of Peru back after months. Female talks. 73 Lucio Brasil``  
Lúcio, Tnx for tip! That's 1 kW OAX7C. No way I could get it direct with my high line noise level. A call is in to OG&E to work on that. But up to S8 via some S American remotes, and yes, off-off frequency about 6173.91v. Some great Andean music, Spanish announcements maybe from a live fiesta. Hearing it from 0030. O, I think it just went off at 0053.

Then I find a webcast which worx for their 1190 MW outlet: <https://www.facebook.com/1841454619421260/videos/524431232036999/> sounds like the same, extremely frenetic Andean music and yelling; 0101 ID; and then claims it is miércoles 2 de junio, buenos días, and soon TC for 11:06 de la mañana, more frequent TCs in the 11 am hour, so a non-live webcast-only program; timer countdown indicates it's 57+ minutes long. Site says it was live about 3 weeks ago. I let it play. Plugs contacts with some FM stations elsewhere. Never mentions SW frequency, or 1190 for that matter. Player has still video of the musical group in native garb, and slowly scrolling label abottom, ``La Hora de Qataymasis`` -- ``La Expresión Andina`` -- ``con Sandro Huallpa A.`` Qatays are brothers-in-law: if you have one, call him that. Sandro mixes in some Quechua here and there. Audio file concludes with national anthem by conventional brass band.

I did not close it out, and found it went on to play some other audiovideos, such as ``Todas las Sangres`` for a couple hours, with more interesting series of video stills. Comments indicate it's more recent, for Dia del padre (Glenn Hauser, OK, WOR)

6173.7v Jun24 0030 Radio Tawantinsuyo, Cusco strong carrier. tnx Lúcio Bobrowiec tip (Wilkner)

6185 Jun25 0356 Radio Educación, Ciudad de México, classical music, identification, "...Radio Educación está contigo... Ciudad de México, y para todo el mundo por onda corta, 6185 kHz, esto es Radio Educación, la radio cultural de México", more classical music., id. " XEEP, 1060 AM, Radio Educación, la radio cultural de México", songs. (Méndez)

6185 Jun12 0400 Radio Educación, Ciudad de México, music ID (MGi)

6185 Jun19 0925 Radio Educación, Mexico, Mexico City; lyric music, at 0929 seems BoH ID by female (seems they don't have ToH ID), instrumental music. Poor, unreadable (LOB).

6185 Jun21 0335 Radio Educación, México D. F. decent signal, using modified Sony 2010, (Wilkner)

6250 Jun23 1905 R.Echo of Hope (cland.), Hwaseong. Kor to KRE, tks, mx. Occ. uty. QRM. 35332 (CGS)

7245 Jun19 1045 RNZI at 1045 with a man playing pop and rock music requests to TC at 1056 as "coming up to 3 before 11 and the news is coming up" then another request to time pips at 1100 and a man with "RNZ news at 11" then news to "News next is at midnight" at 1104 and back to the music request show - Very Good. - There is a regular 40 meter ham radio net that starts at 1100 each morning that can, and often does, cause QRM but we really have no right to complain as the frequency range between 7200 and 7300 Khz is reserved for amateur radio use in ITU Region 2 (where we are) only. New Zealand is in ITU Region 3 which, along with ITU Region 1 (Europe, Africa, and part of Asia), still allows for shortwave broadcasting between 7200 and 7300 Khz. (Coady-ON)

7305 Jun21 2130 Annual BBCWS special for British Antarctic Survey inhabitants, Monday June 21 at 2130-2200; based on last week's tests I did not even try to hear it direct; but camped on Pardino,

Brasil, which someone in Shizuoka already had up on 7305 or 9505 Woofferton; but mainly on UTwente getting 7305 very well. Usual greetings from family, lickety-split, some bits of music, frequent ``Happy Mid-Winter`` wishes, mostly to Rothera base. 2141 message from the head of BAS. 2143 ``Hot and wet and muggy in London`` song; 2144 imitating a leopard singing? 2150 bit of French; 2153 bit of Russian? 2154 Ain't No Sunshine song; 2158 produxion credits as ACI from RRI 7310 starts so I switch to LSB; off by 2200 when there is also splash from 7300 China. There has been a lot of discussion of this, related linx, in the WOR iog, and some have recorded and archived the whole thing (Glenn Hauser, OK, WOR)

7385	Jun21	1605	Xizang PBS, Baiding, Tibet English "Holy Tibet" talk QRM 7380 // 6130 (AP-DNK)
7385	Jun24	1631	PSB Xizang, Lhasa, Tibet, Tibetan songs, English, comments. (Méndez)
7490	Jun20	2100	Marion's Attic (via WBCQ Monticello, ME) at 2100 with Marion Webster's excellent and eclectic program of really old music selections with her friend, Kristina, spinning the discs and wax cylinders and reading listeners' letters – Very Good. (Coady-ON)
9105	Jun17	2112	R. Echo of Hope (cland.), Hwaseong. Kor to KRE, tks, mx. 35342 (CG)
9120.1	Jun17	2110	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 (CG)
9280.1	Jun14	2109	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 (CG)
9505	Jun11	1835	Voice of Africa, Al Aitahab, African songs vernacular talk (MGi)
9550.1	Jun24	2142	R.Boa Vontade, Pt.º Alegre RS. Rlgs. propag., songs. 25241 (CGS)
9550.1	Jun24	2033	Radio Boa Vontade, Porto Alegre, religious comments. // 11895.2. (Méndez)
9665	Jun23	1856	R.Voz Missionária, Camboriú SC. Songs, nx at 1900. 35332 (CGS)
9665	Jun14	2015	Voz Missionária with music. 2 (CB)
9665	Jun17	2155	R. Voz Missionária, Camboriú SC. Rlgs. propag., mx background (MGi)
9670	Jun16	1600	Channel 292 with non-stop music. 3-4 (CB)
9818.9	Jun23	2113	R. 9 de Julho, São Paulo SP. Px Desporto 9. Adj. QRM de CHN on 9820. 33432 (CGS)
9819.1	Jun24	2037	Radio 9 de Julho, Sao Paulo, religious songs and comments. (Méndez)
9819.1	Jun23	2035	R. 9 de Julho, Sao Paulo, talk low mod (MGi)
9830	Jun20	2156	Voice of Turkey at 2156 with IS and ID loop to time pips at 2200 and a woman with ID and sked then a woman with news at 2202 – Very Good. (Coady-ON)
9835	Jun27	1100	UNID relay, 1100-1245.Thanks to Zacharias Liangas's non-log in WOR iog, of June 26, at 1000, noting the absence of Sarawak FM, today I started to randomly check at 1040 UT, only to have the same results - no Malaysia; but at 1100, definite RTM signal, with the news; unable to ID, due to moderate adjacent QRM, plus RTTY QRM and seemed to give very few IDs; certainly the format heard today did not match that of Sarawak FM; the 1100 news was 5 minutes long, which I believe is unlike Sarawak's 10 minute news and unlike Sarawak's 1+1 time pips at ToH, today at 1100 and 1200, had 5+1 time pips; no news at 1200; from 1207 to 1210, with the Islamic Isha'a call-to-prayer (night prayer). So is 9835 starting about 1100? Has Sarawak FM been re-formatted (unlikely!) or is this another RTM station being relayed here? Needs more monitoring and/or better conditions. BTW - Today's station was not // 11665 (Wai FM, which continues to have poor audio). (Ron Howard, Asilomar State Beach, CA, USA)
9925	Jun20	0000	The Mighty KBC (Nauen) at 0000 with opening music and a man with ID of "Rocking over the ocean, all over Europe, we are the Mighty KBC" then singing and spoken IDs and funny promos and into DJ Dave Mason with oldies music – Very Good. – The thing I really like about Dave Mason's hour is how he plays obscure and one hit wonders as well as the hits of established acts and is quite knowledgeable about all of the artists he plays during his hour. Eric Van Willegen's "Giant Jukebox" is a great hour in its own right but it is based more on comedy and childish hijinks – not that I have anything against childish hijinks. After all, I was a really big fan of the late Benny Hill and sill am! Dave Mason's hour, however, is quite special to me. If I could afford it, I would pay to expand both shows by an hour. We truly do need four hours of oldies music on a Saturday evening from the station that plays what we old farts truly want to hear. Locally we haven't had anything like that since Don Daynard's "Looking Back" program on Saturday nights on CHFI 98.1 FM in Toronto. Former CHUM and CHUM-FM DJ Roger Ashby has a great syndicated "Roger Ashby's Oldies" show but the amount of stations carrying it was abruptly reduced lately, including where I live. (Coady-ON)
10869.4	Jun25	2207	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 (CGS)
11440	Jun14	2111	Sound Of Hope R Int'l (?) Mand, tks. // 9230.0 25342 (CG)
11600	Jun19	1120	CNR at 1120 in Mandarin jamming the Sound of Hope in Mandarin via Taiwan with a man and woman with talk – Weak but audible. (Coady-ON)
11640	Jun20	2003	CRI at 2003 // 13630 (Good via Mali) with a woman with "CRI News" then "Chinese Theatre" at 2005 – Very Good. – This program and "Alight on Literature", which follows "Chinese Theater", certainly presents an insight into present day Chinese culture and how the past history of China, and its culture, is interwoven with Chinese society today despite the efforts of the Chinese Communist Party. (Coady-ON)

11750	Jun23	1720	Sri Lanka B.C. City FM, Trincomalee, Sinhala music talk ID (MGi)
11780	Jun24	2039	Radio Nacional da Amazonia, Brasilia, Brazilian songs. (Méndez)
11780	Jun23	2025	Radio Nacional da Amazonia, Brasilia, ID music (MGi)
11815	Jun23	1901	R.Brasil Central, Goiânia GO. Nxcast Informe Brasil Central, sung fqs. ann., songs in Brasil Sertanejo. 35443 (CGS)
11815	Jun14	2050	Rádio Brasil Central, sertaneja music. 2 (CB)
11815	Jun19	0932	Radio Brasil Central, Goiania, pop songs in English, Brazilian songs, id. "Brasil Central", "Radio Brasil Central, ondas curtas, medias e tropical". (Méndez)
11815	Jun23	2135	Radio Brasil Central, Goiania, Brazilian songs (MGi)
11835	Jun23	0623	S6-S8 music vs noise level of S5-S7; presumed R. Vanuatu 3 x 3945. Often audible as JBA carrier so a little better tonight. China may also be on, but never more than RV (Glenn Hauser, OK, WOR)
11895.2	Jun20	2132	R.Boa Vontade, Pt.º Alegre RS. Tks. // 9550.092. 15341 (CG)
11895.2	Jun24	2020	Radio Boa Vontade, Porto Alegre, religious comments, id. "Você está ouvindo... Rede Boa Vontade de Radio". (Méndez)
11965	Jun14	2015	Madagascar World Voice with African Pathways Radio. 3-4 (CB)
12095	Jun19	2136	12095 & 11810, NO signals from BBCWS via ASCENSION, boding ill for hearing the June 21 Antarctica special during this semihour (Glenn Hauser, OK, WOR)
12044.966	Jun20	1435	music, S6-S7, VOA Korean scheduled 1300-1500; way off-frequency but not far enough to avoid suffering splash from 12050 WEWN. Unseems // 12080 also VOA Korean much stronger via Philippines (Glenn Hauser, OK, WOR)
13650	Jun20	2029	RRI (Tiganesti) at 2029 // 9740 (Good beamed to Western Europe via Galbeni) with IS to opening music at 2030 and Daniel Bilt with ID, target areas, web platforms, and satellite reception info and Vlad Palcu with news at 2031 – Very Good. – I'm truly convinced that RRI has absolutely no problems with their transmitters. They've just shut down // frequencies as a cost saving matter no what the on air staff tells us. After all, they're just being fed the story to tell us and probably have no idea of the real reason behind the reduction in frequencies in use. Do any of you out there still believe that RRI is experiencing technical problems with their transmitters? As the country and western song goes "I've got oceanfront property in Arizona". (Coady-ON)
13770	Jun19	1435	Voice of Guangdong (CNR 7), Beijing Cantonese conversation, short musical interlude. Also heard 0820-0825 21.6 (AP-DNK)
13840	Jun19	2121	R.NZPacific, Rangitaiki. E, tks. Adj. QRM. 24342 (CG)
13840	Jun17	2200	R. NZ Pacific, Rangitaiki. E, talk (MGi)
15190	Jun24	1932	Radio Inconfidencia, Belo Horizonte, Brazilian songs, at 2005 id. "Rede Inconfidencia de Radio", program "A hora do Fazendeiro". (Méndez)
15190.1	Jun23	2015	R. Inconfidência, Belo Horizonte music ID talk (MGi)
15415	Jun18	1600	Radio Oni to Oromo province, Ethiopia via Issoudun. Weak to fair, QSB. Run by Oronia Public Media in USA. M-Fr 1600-1630. (UQ)
15475.98	Jun16	1450	-RCUSB, tune-in via Pardino, Brasil KiwiSDR, LRA36 in quite well, with song at S7. Side-tuning to 15475.00-USB, we can confirm there is a carrier, reduced, but in SAM mode not enough to register an exact frequency offset. Usual canned ID which says "Nacional, Antártida Argentina, en todo el país, la radio pública", song; 1456 contact info for QSL, then a long announcement about something? 1503 `NAA` ID, this week in world history, for dates June 14, 15, 17, 18. 1506 music. 1512 NAA ID, music; two quick QRMs of rapid clix overriding. 1522 quick weather info including today's high of 2 grados (not bad for midwinter in Anta, above freezing!); contact info including whatsapp number, phone. 1524 reminds us of Saturday repeat, now fading down into noise level; 1525 Antártida song until 1526*. Earlier I asked if anyone had the lyrics to it. Manuel Méndez, Spain replied with as much of it as he could copy. Some parts are missing as with [...], notably the opening stanza. No doubt there will be many more chances for native speakers to hear it, or examine old recordings. "Hi Glenn, this is what I could understand from the Base Esperanza song: "...Pero el amor a la patria es más fuerte en Base Esperanza, es por eso este homenaje, para que llene de gloria, a todos los corazones que llevan en la memoria. Lágrimas y pañuelos de adiós en la dársena norte dejó el Irizar*, ese día que partió. Qué esté atenta y centinela, la base Belgrano 2, y la base Primavera....

También quiero yo nombrar, porque las llevó el mar, a Belgrano y Belgrano 3, y la ciencia que nos dió su obra, el amor por nuestro pueblo, el respeto a la bandera, por el Comando Antártico Vida, en el confín de la tierra.

Con la fuerza de los vientos, ya salió de Palomar, con rumbo a Base Marambio, el Hércules, al sur de ....

Lágrimas y pañuelos de adiós, en la dársena norte dejó el Irizar, ese día que partió, que partió."

\*El ARA Almirante Irizar (Q-5) (RHAI) es un rompehielos perteneciente a la Armada Argentina.``

And here is a Google translation I, gh, have slightly improved:

"... But the love of the country is stronger in Base Esperanza, that is why this tribute, so that it fills with glory, all the hearts that they carry in their memory.

Tears and goodbye handkerchiefs in the north dock left by the Irizar \*, that day it left.

Be vigilant and on guard, the Belgrano 2 base, and the Primavera base ....

I also want to name, because the sea took them, the bases Belgrano and Belgrano 3, and the science that their work gave us, love for our people, respect for the flag, by the Antarctic Life Command, at the end of the earth.

With the force of the winds, it has already left Palomar, Heading to Marambio Base, Hercules, south of ....

Tears and goodbye handkerchiefs in the north dock left by the Irizar \*, that day it left."

\* The ARA Almirante Irizar (Q-5) (RHAI) is an icebreaker belonging to the Argentine Navy.`` (Glenn Hauser, OK, WOR)

15475.98	Jun23	1410	-RCUSB, LRA36 confirmed active this Wednesday, soon IDing, songs, S5-S7. 1425 news headlines starting with Nicaragua but with distracting musical background. Too busy to listen more - installing new air conditioner to be more like Antarctica! But already off at next check 1616. Hasta el sábado (Glenn Hauser, OK, WOR)
15790	Jun13	1652	World Music R, Randers. Mx & songs. 25432 (CG)
15790	Jun17	1702	World Music Radio, Randers, pop songs, Latin American songs, song "La Colegiala", id. "WMR". (Méndez)
17580	Jun21	0810	Voice of China, Lingshi Chinese theatre show // 17550 and 17605 (AP-DNK)
17750	Jun25	1515	Arthur Pozner reported June 25 at 1515 UT: [WOR] New frequency used for another Ethiopian program. 17750 kHz at 1500 UT. Not sure of the actual language. White noise is used for very strong jamming`` Nothing listed anywhere. In EiBi I find this which we need to check whether still on 17870 - might have moved. ``1500 1600 ETH DimtseTigray MediaHouse TIG EAF 17870/F[RANCE]`` I too had the white noise jamming on 17750 after 1500 today via UTwente, and a JBA carrier amid it. Are we only assuming 17750 has to be for Ethiopia since it's jammed this way? (Glenn Hauser, OK, WOR)
17750	Jun27	1515	via UTwente again JBA carrier amid DRM-like noise jamming. More of the understation is audible via Kuwait SDR, 1521 HOA music and reverb announcement. At both locations there is *no* signal on 17870, so further evidence that the 17750 transmission is the one listed for 17870: Dimtse Tigray Media House. 17750 programming and jamming have continued past 1600, 1645+ unlike the one-hour ex-17870 schedule from 1500. Wolfgang Bueschel was also monitoring, and convinced the jamming is from the Gedja, Ethiopia site. He and I both heard a few seconds` pause in jamming at 1530 for them to reconfirm target still running. How effective could jamming from inside Ethiopia be on such a high frequency due to skip zone? Could the Ethiopians be getting help from an outside site? Toward the end, 17750 programming well audible into Kuwait until cut off at 1658*. Noise remains but now is not the jamming which may have stopped earlier (Glenn Hauser, OK, WOR)
25800	Jun17	2210	World Music Radio, Randers, songs, id. "World Music Radio"(MGi)

## Pirate Stations

4870	Jun25	2205	Mystery R 21 - pir. Pops, tks in E. 45332 (CGS)
5015	Jun14	2101	R. Deltracks - pir. Pops. ID via DX press. 25341 (CG)
5140	Jun23	2115	Charleston R Int'l. - pir. Oldies. 35332 (CGS)
6210	Jun15	2310	RCI Radio Chile (T), Chile; According Mark Harris this signal can also be RCW; few words readable, poor. Heard next day (19/06) very poor signal (LOB).
6225	Jun12	2131	R. Sunflower - pir. Songs, pops. Country & stn ID via DX press. 35342 (CG)
6270	Jun18	2125	KR-1 R - pir. Mx. Country & stn ID via DX press. 15341 (CG)
6275	Jun24	2140	R.Batavia - pir. Du/E, songs, tks. 35343 (CGS)
6280	Jun23	1910	Mike R (t) - pir. Songs. T-ID via DX press. 45444 (CGS)
6285	Jun24	2138	KR-1 R (p) - pir. Pop oldies. 35343 (CGS)
6285.4	Jun12	2138	Transatlantic Broadcast - pir. Pops. Country & stn ID via DX press. 15341 (CG)
6295	Jun12	2135	R. Panda - pir. Songs, tks. Country & stn ID via DX press. 15341 (CG)
6295	Jun23	2108	R.Ronalisa - pir. E, pops, e-mail addr. anns. for rec. rpts. 35342 (CGS)
13840	Jun19	2121	R.NZPacific, Rangitaiki. E, tks. Adj. QRM. 24342 (CG)

### Contributors to the log:

wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX Glenn Hauser, Enid, OK, USA (also from WOR/DXLD) Ron Howard, Asilomar State Beach, CA, USA, WOR/DXLD CB, Christer Brunström, Halmstad, Sweden Dan Sheedy, Moonlight Beach/Encinitas, CA Harold Sellers, Vernon, British Columbia via DXPlorer Paul B Walker via HCDX	(CG)/(CGS), Carlos Gonçalves, Lissabon, Portugal Manuel Méndez, Lugo, Spain (LOB), Lúcio Bobrowiec, Embu, SP, Brasil Robert Wilkner, Pompano Beach, South Florida MGi, Mauro Giroletti, Buccinasco, Italy Mark Coady, Ontario XM - Cedar Key - Florida
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## Station news

**AUSTRALIA.** On 06/26/2021 9:25 AM Glenn Hauser wrote: *``Tim, I see no mention whatsoever of shortwave on your website now, so please confirm whether 3210 is off the air and what your plans for that now are. I also see no mention of World of Radio, not even a link to it. So are we done? 73, Glenn``*

*``Hi Glenn, yes unfortunately I have decided to discontinue shortwave and to continue with music online podcasts of which seem to be more popular. Therefore if you want to remove the mentions of Unique Radio Australia being on Shortwave, then you can of course do that please. Thanks for supplying the program over the years and I wish you well, all the best, Tim Gaynor, Unique Radio, Australia``* (Glenn Hauser, OK, WOR)

**AUSTRALIA:** 2 new SW BCB TX sites for 2021

From: Ian Shortwavesites, Date: Sat, 19 Jun 2021 12:06:00 UTC

Hi folks,

Sad to say I have very little time to devote to this group in recent times & unfortunately that's likely to continue until early next year. So to members who actively follow this group & those to whom I owe replies & info to; please be patient with me. Of course this doesn't mean this group has to be quiet, all members are still welcome to contribute their news & research - as always I encourage it.

Some news that I wish to pass on, (old news now), is the emergence of two new Aussie (Australian) SW TX sites, from SW hobby broadcasters.

Tim of 'Unique Radio' is now operating from his new location in Manilla, NSW & you can hear him on weekend local evenings on 3210kHz USB with 100-120W. Start date from site was May 28th, 2021.

Website for more details:- <https://www.uniqueradio.biz>

Tim does issue a eQSL. I had some input in the initial development of the eQSL for the DX community, the rest is Tim's work. Tim would also appreciate your financial support.

The second new SW BCB station is 'Island 88 FM' on 5045kHz from Macleay Island, SE of Brisbane, Queensland.

I'm not sure what the regular schedule is of this station, but have heard it from Thursday through to the weekend, so keep checking. Power is 250-300 pep atm. Refer to WOR newsletters for approx. start date.

Emails to the station are answered by a technical friend of the owner.

Unfortunately due to personal circumstances QSLs or eQSLs are unlikely to be developed by the owner. I wonder if something could be organised through the ARDXC?

Both the above stations operate from home locations. For that reason alone (security) I am not typing here the exact coordinates of the SW TX sites. That said ACMA records are accurate.

In other Aussie SW TX site news I can confirm that the SW antennas are still standing at the old RA Shepparton TX site. I don't see any new development work. But there's evidence of abandonment with some graffiti on the Broadcast Australia signage at the front of the property.

Take care & stay safe.

(Ian (SW TX Sites Group) via WOR)

**CANADA.** The engineering staff for Funny 1060 (CKMX 1060 kHz and CFVP 6030 kHz) in Calgary, Alberta, Canada, tell me that they will be working on the 6030 shortwave transmitter this coming Saturday (June 19th) and hope to get it back on the air. Based upon their message to me, I suggest listening anytime after 2000 UTC.

Reception reports may be sent to me at [qslcalgary@gmail.com](mailto:qslcalgary@gmail.com) for an e-QSL letter.

Harold Sellers, Vernon, British Columbia via WOR

**JAPAN.** KDD Yamata, Japan SW site. Japan's only shortwave station still in business after 80 years.  
By MORIKAZU KOGEN/ Staff Writer, June 24, 2021 at 07:10 JST

Photo/Illustration A forest of steel towers at KDDI Corp.'s Yamata Transmitting Station seen from atop the main building in Koga, Ibaraki Prefecture, on April 26. The highest tower stands 70 meters. (Morikazu Kogen)

KOGA, Ibaraki Prefecture--Standing tall and proud over an area of 1 million square meters or so, a forest of steel towers in two-tone red and white is the dominant feature under the blue sky against the backdrop of Mount Tsukubasan. This is KDDI Corp.'s Yamata Transmitting Station, the nation's only facility broadcasting shortwave radio programs to overseas listeners. The station started broadcasts on Jan. 1, 1941. The main building still retains a prewar ambience...

<http://www.asahi.com/ajw/articles/14367647>

(via alokesh gupta blog via AER EDi)

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That is the site mainly broadcasting NHK World Radio Japan; the article should have made clear. (Glenn Hauser)

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Maybe the only one 80 years old, but NOT the only SW station in Japan: R. Nikkei may be ignored? Has two sites, Nemuro and Nagara, WRTH classified as National Radio --- gh

(Glenn Hauser via WOR)

**KASHMIR** [non]. 15170, Tue June 15 at \*1457.5, carrier on, S9+10 into UTwente SDR. 1459 fragment of song, quick IRRS sign-on ID; 1500 drumming and talk in presumed Kashmiri, very deep bass voice, starting with Salaam aleikum. Now up to S9+25. Occasional English words/terms/names as I listen to the whole thing, such as: Hindustani, Kashmiri, Islamic majority, Islamabad; 1506 law & order. There is constant music background and mike noise, in the wind? Or being manhandled. 1510 Kashmiri Civitas -- as Kai Ludwig had suggested; with strumming. 1514 brief switch to a different voice with throat-clearings over and over, and different background music. Soon back to deep voice. 1524 switches to halting English but very hard to understand: social platforms, decide future, want to be independent, decide as a nation, should be part of Pakistan or independent state, people of Kashmir will decide, autonomy, house of parliament, shopkeepers donating, Islam ready for anything. 1526 back to Kashmiri; chopped off air at 1529\*.

Tnx to Alfredo Cotroneo of IRRS for advance info June 14 about this broadcast; it had been registered with HFCC as starting last week on Tuesdays only, 79 degree azimuth from somewhere.

*Hi Glenn, These broadcasts to Africa have now been ended by requests of the sponsoring organisation.*

*However, we have a new broadcast on 15170 each Tuesday from 1500-1530 beamed to Kashmir. Any reception report will be welcome, and we will pass it on to the broadcaster for answer according to our privacy policy (GDPR applies to EU citizens) at <https://nexus.org/privacy-policy/>*

*We will also issue our own QSL card, but we have a huge backlog, so anyone please bear with us. Bests. Alfredo`*

*Remember "Radio Free Kashmir", which appeared in May 2020 and was supposed to have a weekly broadcast on Sundays, 0330-0430 on 7355. This was a shortlived venture, in fact I'm not sure if it really made it on air at all. But it was reported as IRRS-brokered, too, and so the question at hand is obvious. These broadcasts in 2020 came (or were supposed to come) from <https://kashmircivitas.com> Kai`*

*15170 June 15 1518 Unknown Station in English. End of transmission at 1528. <https://youtube.com/shorts/adTd-TOTvbDA?feature=share>*

*(73 Jorge Freitas Feira de Santana, Bahia, Brasil` via Glenn Hauser, OK, WOR)*

**NEW ZEALAND** [+ non]. 7245, June 17 at 0610, **RNZP** now here earlier, VG S9+20/30, tough luck Region 2 hams. Easily outshines neighbor 7255 Nigeria which altho happens to be on tonight, is S9+10/20 of just-barely modulation. Last night at same time I discovered NZ missing from 11725, yet Vanuatu harmonic detectable on 11835.

Coping with lowering winter-night MUFs to Pacific targets, latest sked revised <https://www.rnz.co.nz/international/listen> as also noted by RNZ fan Rodney Johnson, MN, includes:

2058-0458 13840 Pacific Daily	0959-1258 7245 NW Pacific Solomon Isl PNG Mon-Fri
0459-0558 11725 Pacific Daily	1259-1650 5980 Pacific Sun-Fri from 16 June [ex-6170]
0559-0958 7245 Pacific Daily	1259-1858 5980 Pacific Sat
0559-1258 7245 Pacific Sat Sun	

(Glenn Hauser, OK, WORLD OF RADIO 2091)

**VANUATU**[and non-log]. **Radio Vanuatu has been silent for three days through June 27.**

June 27, checking Radio Vanuatu on 3945, 7890H and 11835H, from 1030+ UT (normally xmtr off at 1114); but RV continues to be absent.

June 26, checking the usual Radio Vanuatu frequencies from 0545+ UT (last checked at 0655), but clearly off the air.

June 25, checking the usual Radio Vanuatu frequencies from 0540 UT till 0800+, but was the first day RV was off the air.

Cuba (5040) running very late, due to a special segment about yesterday's UN vote by 184 countries in favour of a resolution



### [bdxc-news] The Hans Knot International Radio Report

Hans Knot writes: Welcome to a new edition of the Hans Knot International Radio Report for the period June and July 2021. In this new edition you will find, amongst other things, a wonderful story by Don Stevens about Tony Allan and Radio Caroline. Also attention for the accusations in 1971 that there was espionage on the Radio North Sea radio ship MEBO II. And again a part of Brian Long's research into the history of the radio station Radio London. Furthermore, many reactions and memories of readers and attention for the history of the ship 'Olga', which later became the Mi Amigo, and news about a DVD of Emperor Rosko. You can download and read the report via the following link.

<http://www.mediapages.nl/imagespdf/reportjuni2021.pdf>

(Mike Terry via WOR)

### [WOR] Larry Will Free radio

Larry Will, Mount Airy, MD

A more detailed running log for June 2021 DX is on my personal site, at <http://zappahead.net/#2021-06-logs>

(via WOR)

### [A-DX] Heute (June 26) & morgen (June 27): Vorträge auf der HAM Radio

Eine wirkliche Empfehlung auch für uns Hörer:

Heute finden auf der virtuellen HAM Radio World ganze 37 Vorträge statt.

Einfach den Veranstaltungsplan unter <https://www.darc.de/nachrichten/veranstaltungen/#c9487> aufrufen und zur gewünschten Zeit den Raum der Veranstaltung anklicken, schon sitzt man im Publikum. Auch wenn man lieber in Friedrichshafen wäre ist diese Art der Präsentation sehr gut umgesetzt.

(73 Christoph Ratzer, <https://ratzer.at>)

### [WOR] 234 kHz - the last French long wave

21 June 2021

2020 that still uses this frequency range for France. The operators of the channel in Luxembourg are optimistic that they will be able to continue in the foreseeable future.

See article here: [https://www.radioeins.de/programm/sendungen/medienmagazin/radio\\_news/beitraege/2020/luxemburg.html](https://www.radioeins.de/programm/sendungen/medienmagazin/radio_news/beitraege/2020/luxemburg.html)

(Mike Terry via WOR)

### Waterproof Car Power Supply Module Voltage Converter Regulator Transformer

[https://www.amazon.com/gp/product/B07MQRCDW/ref=ppx\\_yo\\_dt\\_b\\_asin\\_title\\_o06\\_s00?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B07MQRCDW/ref=ppx_yo_dt_b_asin_title_o06_s00?ie=UTF8&psc=1)

These 12VDC to 5VDC voltage converters are handy. I power my Perseus using an Astron RS-35M and one of these incorporated with Anderson PowerPole connectors and the power connector required for the SDR. It's a 5.5mm X 2.5mm DC barrel connector plug.

Obviously they'll work with any 12VDC supply, such as a car or UPS battery that has some reserve power.

Please note (and this also applies to the switching power supply that comes with the Perseus): Buy an Amidon FT-144-75 toroid and put 10 wraps around it for the power going to the Perseus. The SDR pumps out noise that can get into other devices that co-exist with it in your environment and I found that a lot of it propagates out via the power connection leads.

Brand: **KNACRO**

Price: \$5.99 + \$15.01 Shipping & Import Fees Deposit to Sweden

#### Details

- Input voltage: DC 9V 12V (Wide Voltage:8V-22V).
- Output voltage: DC: 5V, output current: 1A,5W power.
- Slim volume: 46 \* 27 \* 14 mm / 1.8\*0.95\*0.55 inch (L \* W \* H).Weight: 28 g.
- Protection: Input instant high voltage, output over-current, output short circuit, chip overheating protection.
- Features: \*Waterproof / shock / dust-proof, aluminum shell, epoxy potting.

(R Scotka via Perseus\_SDR)



### [DXplorer] Midwinter celebrations in BAS research stations

Hi DXers,

British Antarctic Survey just published a story about today's midwinter celebrations: <https://www.bas.ac.uk/media-post/celebrating-midwinter-in-antarctica/>

Also telling about the BBC Midwinter Broadcast on shortwave.

(Regards, Harald DL1AX via DXplorer)

## OVERSEAS RUSSIAN RADIO

Radio stations undergoing boom, says diplomat, TASS MOSCOW, November 13. /TASS/.

The number of overseas Russian-language radio stations has been growing over the past few years, Russian Foreign Ministry Spokeswoman Maria Zakharova told an international conference on the role of radio in the global media battleground on Wednesday.

"Over the past few years, we have witnessed a visible, over 2.5-fold increase in the number of Russian-language radio stations abroad," Zakharova stressed, noting that this figure had risen from 175 to almost 500 between 2010 and 2018. This includes the former Soviet republics as well as other countries. "These figures clearly signal that the importance of radio and radio services will continually rise," she added. The diplomat noted that this has been going on in the midst of a challenging geopolitical environment. "In this sense, radio has taken on a specific role, since we can cite numerous cases where the operations of a network of correspondents have been blocked on the territory of some states. We see incidents in which [radio] frequencies and signals have been jammed. This is absurd for the 21st century, but we do have such examples," the diplomat added. Zakharova also drew attention to increasingly frequent attempts in the West to block news content on the Internet, adding that incidents in which radio frequencies are blocked are isolated. "In this context, the role of radio as an avenue to transmit information also ascends to absolutely new levels that are yet to be understood," the spokeswoman stressed. According to her, Russian radio stations and Russian media in general are popular because in many countries this is "the only alternative point of view available in the media sphere."

(Medium Wave News 65/07, December 2019 Volume 65 No. 7)

(RUS-DX # 1138)

## The largest regional conference in the broadcasting industry starts in Sochi on June 15.

The event will bring together at least 250 leaders and representatives of the leading radio stations in Russia. The conference "Local Radio: Innovations and Prospects" will take place at the Pullman Sochi Center hotel. It is organized by the Russian Academy of Radio. On June 15 and 16, industry professionals will discuss the management, software, marketing, commercial, technological and legal aspects of the work of regional and local radio companies. Some topics of keynote speeches and panel discussions of the conference:

- The radio industry in Russia: state and prospects;
- Monetization of local radio and tools for measuring local audience;
- On-air projects of radio stations in cooperation with commercial clients;
- Promotion of radio in the context of the prohibition of mass events and social restrictions caused by the COVID-19 pandemic;
- Opportunities for conversational digital audio platforms for local broadcasters;
- Personnel for the radio: where to look, what to teach, how to motivate and retain?;
- New technologies for regional / local broadcasting;
- Industrial radio player: opportunities for regional / local broadcasters;
- Legal problems of regional broadcasters and their interaction with regulators;
- "Radiomania 2021": new in the regulations and the ceremony of presenting the National Prize.

Among the 30 speakers of panel discussions are leading experts from Moscow, St. Petersburg, Irkutsk, Krasnodar, Kurgan, Sochi, Tomsk, Saratov, Yekaterinburg. In addition to the business program, excursions were prepared for the participants.

Press service of the Krasnodar Territory Administration, admkrai.krasnodar.ru

([http://onair.ru/main/enews/view\\_msg/NMID\\_80373/](http://onair.ru/main/enews/view_msg/NMID_80373/))

(RUS-DX # 1138)

## Cyprus. The repeater antennas of Cape Greco in Cyprus are living their last days.

They are planned to be dismantled in the near future, and a natural zone will be created in place of the iron towers. At the beginning of June this year, I was able to visit Cape Greco and take possibly the last photos of the transmitting center.

Powerful relaying activities began at the promontory after 1970, when the French government signed an agreement with Cyprus to build a transmission center with giant antennas on the promontory. From there, Radio France International and Radio Canada International were broadcasting to the entire Mediterranean region, and subsequently Trans World Radio, Radio Sawa and Cyprus' Monte Carlo were broadcast on medium waves for Europe, Africa and the Middle East.

With the cessation of rebroadcasting of these three stations a couple of years ago, the history of radio broadcasting in Cyprus ended.

Today, the Cyprus Broadcasting Corporation, broadcasts from Cairo and Turkey can be received on medium waves on the island. + Photo.

([https://vk.com/radioko?w=wall-161080476\\_246](https://vk.com/radioko?w=wall-161080476_246) <https://kolkeradio.blogspot.com/2021/06/blog-post.html>)

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

(RUS-DX # 1138)

## The radio flag MAXIMUM is set at the maximum height - the top of Elbrus.

Radio MAXIMUM celebrates its 30th anniversary this year. In honor of this significant date on June 22, the radio station flag was erected on the highest mountain peak in Russia and Europe, Elbrus. It was raised with his own hand at the peak by the program director of radio MAXIMUM Andrey Andreev. The radio flag MAXIMUM appeared at the very peak of Elbrus, at an altitude of 5642 m. To conquer this impregnable peak is the dream of many climbers. To climb the mountain, you need serious physical training, endurance and an iron character. They were demonstrated by the program director of radio MAXIMUM. By his example, Andrey Andreev showed that the listeners and the radio team of MAXIMUM are the strongest, most courageous and purposeful, and they can conquer any peaks, even the maximum ones! The weather did not favor travelers, during the ascent a strong wind with snow was blowing, but despite any obstacles the summit was

conquered. "It was very difficult. There is severe frost and wind at the top! But I am proud and happy that I stood on the top of Elbrus! I timed my victory to the 30th anniversary of radio MAXIMUM! ", Program Director Andrey Andreev shared his emotions immediately after the ascent. Radio MAXIMUM began broadcasting in Moscow on December 25, 1991. The history of the station is the history of all modern Russian radio broadcasting. The station's DJs were the most popular and in-demand radio and TV presenters today. The most legendary stars of our time became guests of the studio. Today radio MAXIMUM is the best rock compositions of the XX and XXI centuries, charismatic witty presenters who are loved and trusted by millions of listeners. We congratulate radio MAXIMUM and program director Andrey Andreev on the ascent of Elbrus! Radio MAXIMUM, as always, is on top!  
([http://onair.ru/main/enews/view\\_msg/NMID\\_80447/](http://onair.ru/main/enews/view_msg/NMID_80447/))  
(RUS-DX # 1139)

### **Employees of the FSB of Russia detained a resident of Simferopol in Crimea for collecting data on flights of Russian military aviation for the special services of Ukraine.** MOSCOW, June 24. / TASS /.

This was reported to TASS on Thursday at the FSB Public Relations Center.

"The Federal Security Service of the Russian Federation opened and suppressed the illegal activities of a resident of Simferopol, who acted in the interests of the intelligence agencies of Ukraine. For a long time, a Russian citizen, using special antenna and receiving equipment, received information on flights of Russian military aviation on instructions from the special services of Ukraine," the DSP reported ...

The FSB stressed that this information "was planned to be used against the security of the Russian Federation." A criminal case was initiated under Art. 275 of the Criminal Code of the Russian Federation ("High treason").

With regard to the detainee, a preventive measure was taken in the form of taking into custody. According to Art. 275 of the Criminal Code of the Russian Federation provides for punishment of up to 20 years in prison.

([https://tass.ru/proisshestviya/11737549?utm\\_source=yxnews&utm\\_medium=desktop](https://tass.ru/proisshestviya/11737549?utm_source=yxnews&utm_medium=desktop))

(RUS-DX # 1139)

### **[WOR] Introducing: Hard-Core-DX Slack Chat**

Hard-Core-DX has been a pioneer in connecting shortwave listeners for nearly 30 years now. In its core it has been emailing lists and web sites and some other experiments which have either spun to become popular on their own (e.g. various ham related spotting sites or Online Log which is very popular in Finland) or not. Today we wanted to try to branch out into chat using Slack.

This is not the only chat there is... IRC, Facebook, Whatsapp etc have small circles for shortwave listeners but they have all been closed systems and not enabling an environment that can be used across devices and have conversations about any topics we choose. In the corporate world Slack has revolutionized communications amongst colleagues and partners in different companies. Much of work in U.S.A. small companies happens nowadays in Slack and not so much in emails.

**Hard-Core-DX has signed up and created it's very own Slack service.**

If you want to join the HCDX Slack, please click this link and create your own HCDX Slack account:

([https://join.slack.com/t/hard-core-dx/shared\\_invite/zt-rn83gamf-UCfo9LYUVmoIBhb0~3cSg](https://join.slack.com/t/hard-core-dx/shared_invite/zt-rn83gamf-UCfo9LYUVmoIBhb0~3cSg))

Some basic rules of the Slack service:

1. When you join it, you will see some channels that have been created already. You can join them or if you can't find the topic you'd like to chat about, please create your own.
2. HCDX will not be in the business of moderating what people are creating or discussing. If you create a channel, you will choose the policies of the discussion.
3. This can naturally invite some abuse. We will deal with it with Slack's policies as time comes.
4. You are welcome to invite your DX friends to the HCDX Slack and grow the community. Invite happens from menu in upper left corner and link "Invite people to Hard-Core-DX"
5. Let's keep subjects within shortwave radio, broadcast, utility, pirate DXing & ham radio if possible to keep the service relevant to us
6. This is an experiment... if it doesn't gain popularity or becomes a burden, we will shut it down. But for now, if you want to experiment and see if this is where you want to chat with your DX friends, join the fun.

More information about Slack:

(<https://slack.com/help/articles/115004071768-What-is-Slack->

<https://www.pocket-lint.com/apps/news/150925-what-is-slack-and-how-does-it-work-tips-tricks>

<https://www.youtube.com/watch?v=RRxQQxiM7AA>)

(73! Risto Kotalampi, W6RK, Hayward, California, U.S.A., Email: [risto@kotalampi.com](mailto:risto@kotalampi.com))

### **NEW HISTORY MATERIAL AT <<http://www.ontheshortwaves.com>>**

**Radio Equipment Laboratories.** If it was 1926 and you had latched onto the first lists of non-amateur shortwave stations that had been published the year before in *QST* and *The New York Times* and you wanted to get into the game, you wouldn't have had a lot to choose from if you didn't want to start from scratch. There were no consumer shortwave sets as such, but there were some units made mainly for amateurs and available either ready-made or in kit form. The eye-catching catalog that we have posted in "DX History-II/Equipment & Advertising" from Radio Engineering Laboratories on

Long Island might have caught your eye. (Look for the red “New”). REL sold all kinds of transmitter, amplifier, and other circuit kits, and parts, as shown on the two-sided data sheets. They also sold a shortwave receiver kit (pp. 31-32). And their slogan from the back of the catalog—“Apparatus that you will eventually use”—was just what you had been telling your wife! -- Also this time, under "Specialized Resources/The DX Recordings of Tetsuya Hirahara," we have added recordings and photos of four Argentine stations.

### **[WOR] Russian OTH radar 29b6**

<https://www.radioclassicsunday.com/column-rene-koolenbrander/27-mc-marc-zenders-22-kanalen-en-05-watt-vermogen/>

All listening amateurs sometimes suffer from this, you are scanning the 40 meter band to listen to radio amateurs from other countries, then you suddenly hear a fast ticking sound on the frequency, and you naturally wonder what I have to do now? to grab?

Chances are you've got your hands on the 29b6. And what is the 29b6? It's the container radar of the Russian army, and what does this thing do? He scans the Russian airspace looking for everything that flies or is fired from the so-called enemy direction to Russia, to intercept early, and of course to respond with a possible counterattack. The Russians even state that the American Stealth F117 fighter jet is detected with this radar, even a small drone is detected at great distances. (“Then it is time for the Americans to think of something else.”)

The ticking sound of this radar can appear on any frequency of the shortwave, and be very disturbing, because it sometimes depresses the ordinary radio broadcasts of the frequency, now our eastern neighbors do not have that much problem with this kind of disturbing broadcasts, and lie so don't worry if we can't receive Radio Classic Sunday on 3920 kHz once a month, because they are playing with their radar again in Russia.

The 29b6's receiving antenna array consists of 144 antenna masts, each 34 m high, arranged in a 1,300 m row with a depth of 200 m. The maximum range is 3000 km to an altitude of 100 km. The observation sector is 240°.

Actually, this radar system is very similar to the Duga-3, (The Russian Woodpecker) from the 1970s and 1980s, this 29b6 is the new generation Over-The-Horizon radar system and was commissioned on December 2, 2013. I will write an article about the Duga-3 radar in another column.

In the pictures you can see what the 29b6 looks like and how it "roughly" works, and what the area is covered by the radar, in the video the sound of this radar, on the Tecsun PL-660 radio, again this sound can we encounter everywhere between 0 and 30 MHz.

In my opinion, shortwave is the only radio spectrum where it is really exciting, and where you can receive so much strange messages and sounds. In short, listening to the radio on the SW is a super fun hobby for everyone. I would say, a lot of listening pleasure. Also find us on Facebook, “shortwave Radio Lives”.  
(via AER forodx & WOR)

### **[WOR] BBC reveals new archive that allows access to 200,000 programmes – and early editions of Radio Times.** Radio Times, By Lauren Morris, 16 June 2021

If you've ever wanted to time travel via your television set, then you're in luck (sort of) – the BBC has updated its programming archive to include a host of transmissions from 1923 to the present day.

Formerly known as BBC Genome, the BBC's Programme Index now makes the broadcaster's archive more accessible than ever, with viewers able to browse over 10 million listings, 200,000 playable programmes and even early editions of Radio Times magazine.

The BBC announced the news in a tweet, previewing the website's new look with the caption: “\*Drum roll\* BBC Genome has grown up...please say hello to Programme Index!

From a 1955 interview with writer and director Orson Welles and a 1970 documentary about the Carry On films, to an episode of Stacey Dooley's Between the Covers which aired earlier this month, there's a wide array of watchable programmes available to stream on the archive, as well as audio records from BBC Radio shows like historic episodes of Desert Island Discs.

As for copies of Radio Times magazine, the archive boasts some of the earliest issues published in 1923 up to editions released in 2009, including the programme listings of that week.

The programming data added to the Genome archive was extracted from copies of Radio Times from each week between 1923 to 2009 before being filtered through optical character recognition technology to recreate schedules for most of the BBC's broadcast history.

With the Programme Index being a historical record of the BBC's planned output, the broadcaster added that it “should be viewed in this context and with the understanding that historical listings reflect the attitudes and standards of their time – not those of today”.

<https://www.radiotimes.com/tv/entertainment/bbc-new-archive-access-programmes-radio-times-newsupdate/>

(Mike Terry via WOR)

## [Perseus-SDR] Powering Perseus

A couple of sources you may find of interest:

[Arctic DX: Powering Your Perseus \(or any 5VDC SDR\): Does The Source Matter?](#)

[Arctic DX: An Alternative Way To Power Your Perseus](#)

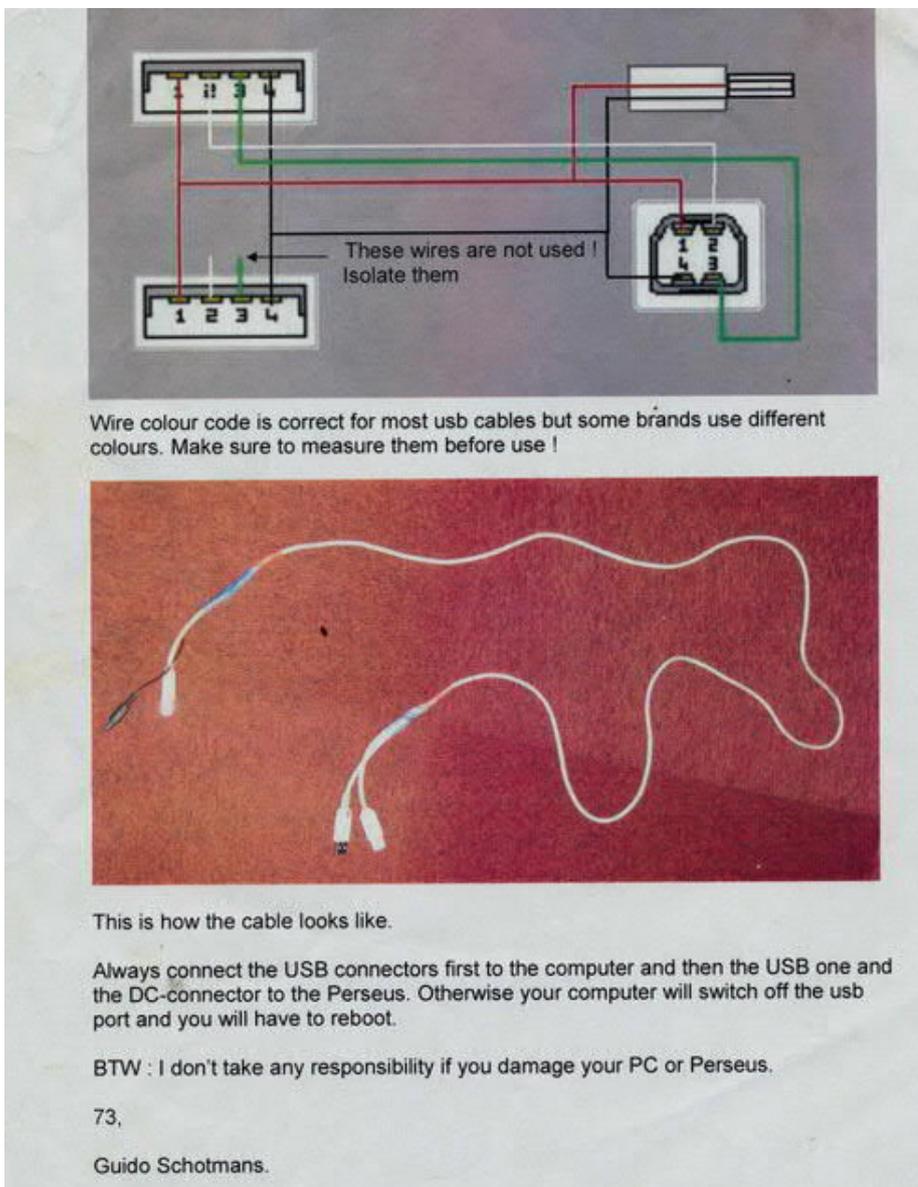
[Arctic DX: Take Your SDR To The Beach](#)

Good quality power banks perform very well. The ones I have now are 20 Ah and 27 Ah (measured at 3.3V) and are not dirt cheap.

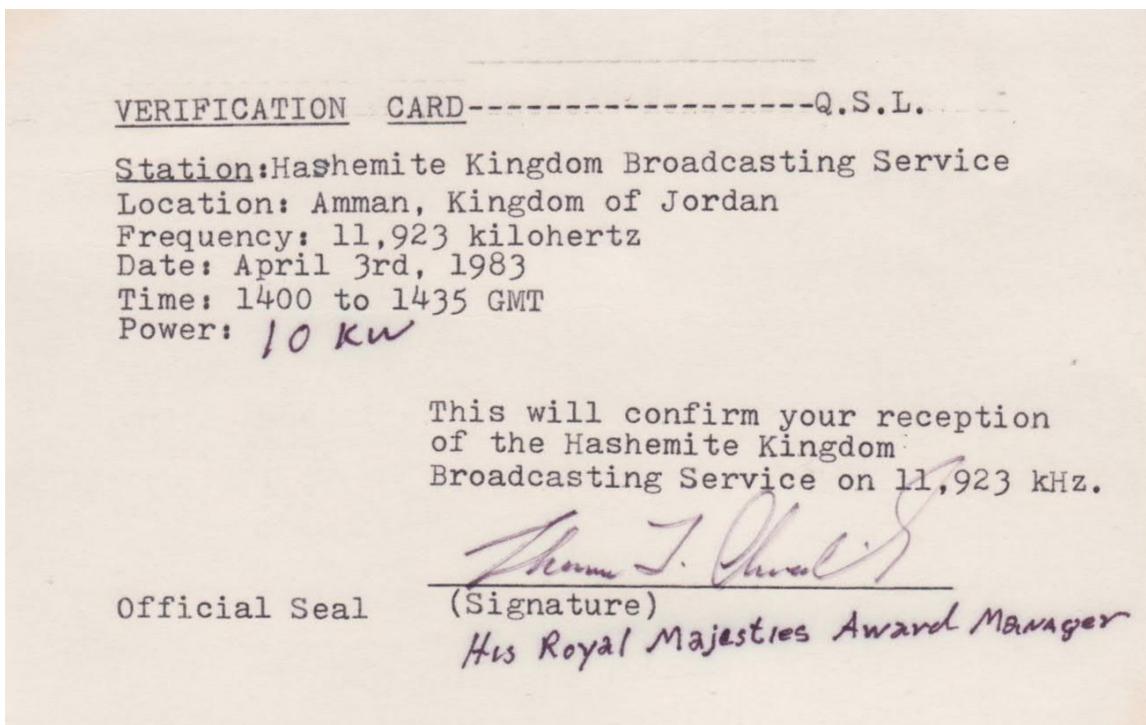
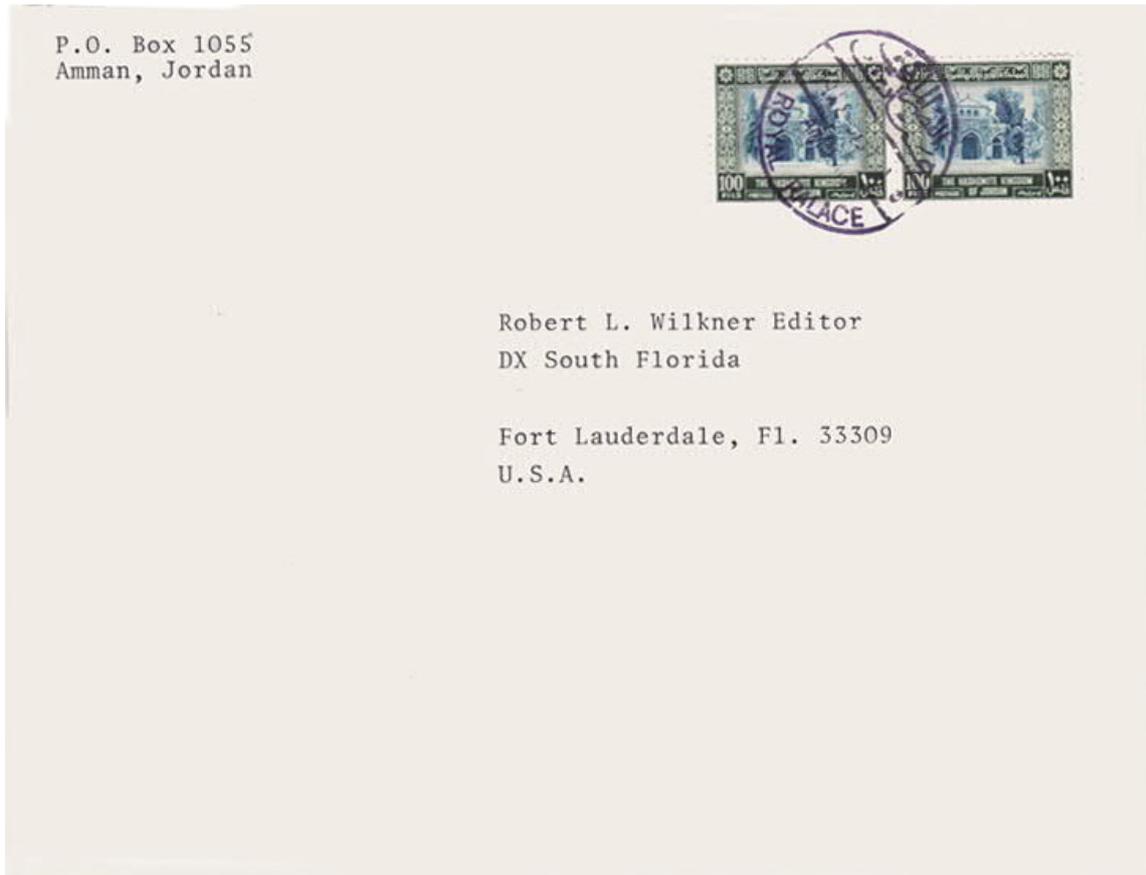
Remote receivers: arcticsdr.ddns.net:8073/ kongsdrr.ddns.net:8074  
(Bjarne Mjælde arcticdx.blogspot.com)

## Re: [Perseus-SDR] Powering Perseus

Has worked for me with various computers with no noise. See picture below.  
(73, Bill WA2DVU)



Robert Wilkner: Enclosed an old QSL from Jordan. This one seemed difficult to obtain.



(Thanks for sharing with us. /TN

## DX nostalgia by RFK

Hello all! It's that time of the year again. Time to erect the maypole (midsommarstång) and get ready for the midsummer dances. If there will be any, considering the limitations caused by covid 19. The Swedish midsummer night has for ages had a scent of magic and a very special tradition is for the girls to pick seven different flowers and put them under her pillow. This will supposedly make her dream about whom she's going to marry. I don't know whether this will also work for DX-ing but by all means: put seven QSLs under your pillow and try dreaming about which stations you will hear and get verified during the coming DX season. If this doesn't work you can always find lots of nice old QSLs in this column. As for myself I think I will try some FM DX-ing at Midsummer.

First out this time we have a QSL card from Kanwar Sandhu: LRA1 Radio Nacional of Buenos Aires, Argentina. The card was signed by wellknown Argentinian DX-er the late Gabriel Iván Barrera.

**QSL**

**LRA1**  
**RADIO NACIONAL**  
**BUENOS AIRES**

AGRADECE SU INFORME DE RECEPCION  
FRECUENCIAS. 870 - 9060 - 6120 - 9600  
9710 - 11-710 - 11-755 - 15-250 KHz  
96.7 MHz - 89.1 MHz



**SERVICIO  
OFICIAL DE  
RADIODIFUSION**

AYACUCHO 1556  
1112 - BUENOS AIRES  
REPUBLICA ARGENTINA

-QSL VERIFICATION-

Mr.  
KANWAR SANDHU  
408 Krishna Nagar  
LUDHIANA 141001  
I N D I A . -  
=====

WE CONFIRM YOUR CORRECT RECEPTION REPORT ABOUT  
OUR TRANSMISSION OF LRA1 RADIO NACIONAL, ON 15345  
KHZ, THE 28TH SEPT. 1991, AT 2115-2201 UTC.

Thanks for listen our programmes;

2-1-1992.



Gabriel Iván Barrera  
p. LRA1

“Vista típica del país” is the text on the backside of this postcard, showing a street market in Tetuán (now Tetouan). Ullmar Quick received the card together with his QSL from Radio Tetuán which broadcast on 6067 kHz. The city of Tetuán was the capital of the then Spanish Morocco and it was here that General Franco established his headquarters. Radio Tetuán then became the most important radio station in the arsenal of the Nationalists. This territory was returned to Morocco in 1956.



Ullmar also got another postcard from Radio Tetuán: this one showing, among other things, the building which housed the studios of the station plus their technical department in calle Cardenal Cisneros. Cards scanned by John Ekwall JOE. You can see the antenna on top of the roof to the left.



From one of the photo album books of Lars Rydén LR. The Far East Network (FEN) in Tokyo could often be heard in Scandinavia on SW despite the moderate power of 10 kW.



While visiting the FEN Lars Rydén met the wellknown American DX-er Bruce Reynolds. At the time Bruce was doing his military service as presenter and DJ on FEN.



From the collection of Jan-Erik Räf JER: Nordwestdeutscher Rundfunk, received in 1956. This station served the *Länder* of Hamburg, Niedersachsen, Nordrhein-Westfalen and Schleswig-Holstein. NWDR was split up into Norddeutscher Rundfunk and Westdeutscher Rundfunk on January 1, 1956 but still the service NWDR1 remained for some time. The transmitter JER received was located at Norden/Osterloog, broadcasting with 20 kW of power.

4/2-56.

NORDWESTDEUTSCHER RUNDFUNK i.Liqu.  
ANSTALT DES ÖFFENTLICHEN RECHTS



**ZENTRALTECHNIK**

ANSCHRIFT (24h) HAMBURG 13  
ROTHENBAUMCHAUSSÉE 132-34  
RUF SAMMELNUMMER 44 10 31  
FERNSCHREIBNUMMER 0 21 11 28  
KONTO LANDESZENTRALBANK  
HAMBURG NUMMER 2/9615  
VEREINSBANK IN HAMBURG  
POSTSCHECK HAMBURG 81024  
TELEGRAMM-ADRESSE NORDFUNK

Herrn  
Jan Erik Räf  
Fotbollsvägen 5  
Stuvsta  
-----  
Schweden

ABTEILUNG  
**Technische Hörerpost**

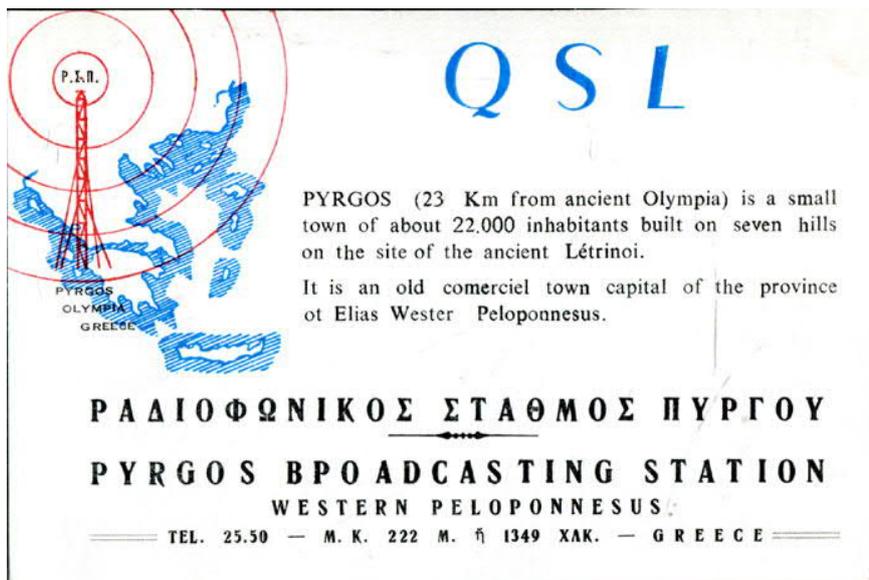
IHR SCHREIBEN VOM 19.u.22.56      IHR ZEICHEN      HAMBURG, DEN 31.1.56      BITTE IN DER ANTWORT ANGEBEN Hp/1

Lieber Radiofreund!  
Wir bestätigen dankend den Eingang Ihrer Empfangsberichte vom 19. und 22. Januar 1956.  
Sie hörten den Kurzwellensender Norden/Osterloog auf der Frequenz  
6075 kHz - 49,38 m  
mit einer Leistung von ca. 20 kW.  
Geographischer Standort:  
07° 12' 06" Ost,  
53° 38' 14" Nord.  
Als Sendeantenne dient eine Rundstrahlantenne.  
Wir wünschen Ihnen auch weiterhin recht guten Empfang und gute Unterhaltung durch unsere Sendungen.  
Mit freundlichen Grüßen  
NORDWESTDEUTSCHER RUNDFUNK i.L.  
Technische Hörerpost  
i.A.  
( Weber )

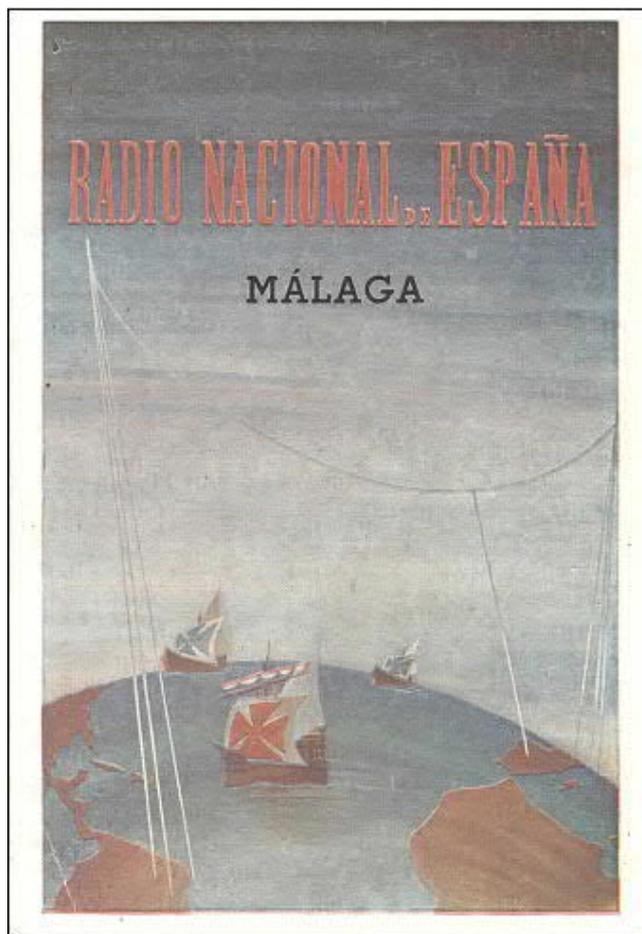
Gesetzlicher Vertreter des Nordwestdeutschen Rundfunks ist der Generaldirektor. Der Nordwestdeutsche Rundfunk kann auch von zwei vom Generaldirektor bevollmächtigten Personen vertreten werden. Einzelheiten über Umfang und Dauer der Vertretungsmacht enthalten die Vollmachtsurkunden. Auskünfte erteilt der Justiziar des Nordwestdeutschen Rundfunks, Hamburg 13, Rothenbaumchaussée 132.

Wir bitten, alle Zuschriften ausschließlich an die Zentraltechnik des Nordwestdeutschen Rundfunks und nicht an Einzelpersonen zu richten.

From the collection of Lars-Olof Hansson LOH a QSL card from Pyrgos Broadcasting Station – a privately owned Greek station which was very popular around Europe in the 1960s/early 1970s.



The last QSL this time is from Tore Larsson TL. The regional RNE station at Malaga operated on 7022 kHz and is said to have carried Swedish programmes. Does anybody know more about this?



Your contributions are always welcome – please mail me at [info @ rock.x.se](mailto:info@rock.x.se).