

# SHORTWAVE BULLETIN

Issue no. 1918, Feb 24, 2019.

Deadline e-mail next issue: 0800 UTC, March 10, 2019.

Now we can enjoy the beginning of spring here in Southern Sweden. We have had a few days with fantastic weather and quite high temperatures.

In this issue not only a huge log but also a lot of pictures. Thanks a lot for articles, scanned QSL cards, etc.

Also found some very interesting antenna splitters built and used by radio amateurs at Radiofreunde NRW in Germany. Very sophisticated gear.

There are some very interesting companies in Germany dealing with communication radio stuff, like Bonito, Stampfl, etc.

In next issue some of the products will be presented.

Also found an interesting article about LoG = (Loop on Ground).

Ronny Forslund & Dan Andersson shared some old QSL's from the collection of Lars Rydén & Stig Skogberg. Hope to see more like that in coming issues.

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, comments, etc.

**Anker Petersen.** Det var en mycket intressant artikel om DX-ing i den brasilianska jungeln! Translation of Anker's comment above: *It was a very interesting article about DX-ing in the Brazilian jungle.*

I have got the same response from other members via telephone. Clint – thanks a lot for this interesting article. /TN

## Pirate QSL's

Found some interesting Pirate QSL's submitted by Harold Frogge via WOR

### WREC RADIO FREE

**EAST COAST: F/D E-QSL** from PJ Sparx, via [wrecradio@gmail.com](mailto:wrecradio@gmail.com) in 22 days for Free Radio Net or Free Radio Weekly posting; sed it was a joint b'cast of WREC, Pirate Radio Boston & Partial India Radio. (Frodge-MI)



(Harold Frogge, MI, via Glenn Hauser, WOR)

**Christer Brunström: Radio Japan via Austria** 6155 QSL-card. **Swedish DX Federation** via Channel 292 7440 kHz QSL-card.

**RADIO FREE USA;** E-QSL from Mr. Red Sky w/date/freq only in 23 hr. 40 min. for log to [RadioFreeUSAPI-rate@gmail.com](mailto:RadioFreeUSAPI-rate@gmail.com); sed it was his maiden b'cast. (Frodge-MI)

3215	Feb20	0225	WWCR, Nashville, TN English religious talk (AP-DNK)
3260	Feb23	-1204*	NBC Madang, (Maus Blong Garamut - Voice of Indigenous Drums), 1117-1204*. In Pidgin; talking about "local government"; several clear IDs ("NBC Madang"); 1130, into segment of nice Pacific Islands songs (my audio of music at <a href="http://bit.ly/2Xi2VXD">http://bit.ly/2Xi2VXD</a> ). (Ron Howard, Asilomar State Beach, CA, USA)
3264.573	Feb12	0001	JBA carrier vs storm noise from western OK, as WBCQ is finally testing this transmitter again, first tipped by Alan Pennington, UK to the WOR iog: ``WBCQ Monticello, Maine, USA testing 3265 kHz at present: "3265 kHz on now with test transmissions. Reception reports to wbcq at wbcq dot com please. Free Radio supreme here at WBCQ. Frozen north." (Allan Weiner, WBCQ on Twitter 2010 UT) ----- Continuous pop, rock, oldies on 3264.6 from 2020 tune-in, many repeated IDs finally heard at 2055, good signal on SDRs in Rockport Maine (at 2020) and Newton, New Hampshire (2035). Then talk show from 2100 (Financial Survival? re 7490 schedule). But not audible across here in Caversham, UK. 73, Alan Pennington``. ----- Wolfgang Bueschel was also hearing it via remotes near WBCQ, the frequency varying considerably. At 0149 I find it still on 3264.573 but also still a JBA carrier. After 0200 a trace of music; 0240 still JBA carrier. Wonder how much power this is axually running, and what type of antenna, gain? That could be asked of all WBCQ frequencies. Of course 90m would have been much more useful in the quiet winter of minimum storm noise, and minimum MUFs. (Glenn Hauser, OK)
3264.9	Feb15	0200	JBA carrier so presumably WBCQ still testing here; has it been on every night since Monday, > all night? Sked still says ``There are no scheduled transmissions on 3265 KHz at this time`` (Glenn Hauser, OK)
3310	Feb9	2217	R.Mosoj Chaski, Cochabamba. Quechua (p), tks, mx. Uty. QRM. 14341 (CGS)
3310	Feb23	0055	Radio Mosoj Chaski, Cochabamba 0055 to 0110 weak in Quechua, music. (Wilkner)
3320	Feb20	0230	R Sonder Grense, Meyerton Afrikaans talk (AP-DNK)
3325	Feb23	1114	NBC Bougainville (3325) noted already off the air 1114+; instead heard the Voice of Indonesia, in Chinese, via RRI Palangkaraya (Ron Howard, Asilomar State Beach, CA, USA)
3375.1	Feb23	0110	Radio Municipal São Gabriel da Cachoeira 0110 to 0125 weak, some deep fades. (Wilkner)
3945	Feb9	2215	Korean BC Stn, Pyongyang site. Tks, songs. Weaker audio during speech. 35342 (CGS)
3950	Feb9	1712	Xinjiang PBS Urumqi. Mand, tks, mx. 35433 (CGS)
3950	Feb20	0235	Xinjiang PBS, Urumqi Chinese conversation // 5060 and 5960 (AP-DNK)
3975	Feb12	2155	Short Wave R, Winsen. E, pops, anns. 35433 (CGS)
3975	Feb20	2215	Shortwaveradio, Winsen English talk, pop song, ID - nearly faded out (AP-DNK)
3990	Feb9	1714	Xinjiang PBS Urumqi. Uighur, tks, mx. 35433 (CGS)
3990	Feb20	0240	Xinjiang PBS, Urumqi Uighur talk by man and woman // 4980, 6120 and 7205 (AP-DNK)
3995	Feb21	2245	HCJB, Weenermoor German religious talk about Israel, hymn: "Meine Freunde", 2300 German news; 2302 English news and weather from LifeFM, Ireland, hymns (AP-DNK)
4010.23	Feb20	0250	Birinchi R, Krasnaya Rechka Kyrgyz conversation (AP-DNK)
4055	Feb20	0300	R Verdad, San Esteban Spanish religious talk - very weak in Denmark: (AP-DNK)
4055	Feb21	0502	Radio Verdad, Chiquimula, religious songs and comments in English. (Méndez)
4500	Feb20	0255	Xinjiang PBS, Urumqi Mongolian talk with music in the background // 6190 (AP-DNK)
4500	Feb17	1555	PBS Xinjiang (CNR8), URU, Mon, tent mx, 45444. (TB)
4747.5	Feb21	0100	Radio Huanta 2000, Huanta Ayacucho 0100 to 0123 under CODAR. (Wilkner)
4750	Feb11	1235	Bangladesh Betar - HS. Decent reception of the Monday only SAARC (The South Asian Association for Regional Cooperation) news bulletin in English; "Assalamu alaikum. This is Bangladesh Betar"; news items: India's Prime Minister has said his country is committed to good India-Bangladesh relations; in New Delhi, memo of understanding signed at the India-Bangladesh Joint Consultative Commission, by Minister for Foreign Affairs of Bangladesh; Bangladesh has asked for India's assistance with returning refugees to Myanmar; usual CNR1 QRM (// 6125), but not as heavy as usually heard; 1243 into Bangla (Ron Howard, Asilomar State Beach, CA, USA)
4760	Feb8	1436	AIR (Port Blair). After a few days of JBA signal, Port Blair got enough above the noise level to catch some nice "sub-continental' tunes, Hindi chat to 1500, then AIR news //5040 AIR (Jeypore) to 1515, followed by what appeared to be commentary on a speech to 1525 then perhaps ad string. If there were pips @ 1530, i missed 'em as the signal was tanking by then (& on 5040 as well). (Sheedy)

4765	Feb21	-0500*	Radio Progreso, La Habana, songs, news in brief, "Reporter RP", "Radio Progreso les ha ofrecido su programacion de hoy", anthem and close. (Méndez)
4765.04	Feb20	0310	Tajik R 1, Yangiyul Tajik talk and nice local music (AP-DNK)
4775	Feb22	0434	TWR, brief check at 0434, had religious song and sermon in English (African accent); semi-readable (Ron Howard, Asilomar State Beach, CA, WOR iog via DXLD)
4774.9	Feb9	2219	R.Tarma, Tarma. Cast, Indian songs. CODAR QRM. 33342 (CGS)
4800	Feb16	1720	Voice of China, Golmud. (AIR Hyderabad weak under) // 6080 (QRM VOA) (AP-DNK)
4810	Feb16	1725	AIR, Bhopal Hindi ann, Indian music, talk, 1730 English news from Delhi. ( <u>Armenian Public R was OFF the Air !</u> ) (AP-DNK)
4810	Feb11	1720	AIR Bhopal, Madhya Pradesh. Ind. lang., tks, E at 1730 for nx. 35433 (CGS)
4810	Feb20	1718	AIR, Bhopal, Hindi songs. (Méndez)
4810	Jan31	1507	AIR (Mumbai). Sneaking through the noise with "sub-continental" tunes/Hindi chat (//5040) to 1530, then into EG news. (Sheedy) <i>You mean Bhopal? /TN</i>
4840	Feb18	0510	WWCR, Nashville, TN English religious talk (AP-DNK)
4861.8	Feb12	2208	R.Alvorada, Londrina PR. Songs. 25331 (CGS)
4885	Feb16	1745	Echo of Hope, via Taereung, Seoul Korean talk and song // Hwaesong 3985 (QRM Germany) and 6250 (jammed) (AP-DNK)
4885	Feb13	1934	R.Echo Of Hope (cland.), Nowon-gu. Kor to KRE, tks. 34342 (CGS)
4885	Feb16	0702	R. Clube do Pará is S9+10, as the best ZY signal on 60m is even better than usual; hyper DJ and music on "Madrugada" show, NOT for the dozing at 4+ am local. With BFO there always seems to be a second slightly offset undersignal, presumably the other ZY if not later Korea South. DST in Brasil ends Feb 17; not including Pará which is on UT-3 yearound. Here's a useful map showing DST/non-DST areas. DST observed roughly in the southern (not eastern) half: <a href="https://www.timeanddate.com/time/change/brazil">https://www.timeanddate.com/time/change/brazil</a> (Glenn Hauser, OK)
4885	Feb21	0520	Radio Clube do Pará, canciones brasileñas, id. "Radio Clube do Pará". (Méndez)
4885.04	Feb18	0515	R Clube do Pará, Belém, PA Portuguese conversation (AP-DNK)
4895	Feb11	1707	So.African R League via SAUK, Meyerton. Afrkns (t), tks. Rtd. 25331 (CGS)
4895	Feb23	1016	AIR Kurseong, listening at 1016 & 1102, with no signal, so seemed as if no Mongolia today. After 1228+, was only hearing a carrier (assume AIR), with never any trace of any audio; still with just a carrier at last check at 1327. So they are still having issues with their reactivation? AIR Jeypore (5040) heard with the usual news in English at 1230, on Feb 23. Long standing silence from AIR Shillong (4970) continues through Feb 23 (Ron Howard, Asilomar State Beach, CA, USA)
4900	Feb20	0940	Voice of Strait, on Feb 20, at 0940, suddenly on with test tone; 0945 tone off (just open carrier); 0953 start of their programming; not // 4940. (Ron Howard, Asilomar State Beach, CA)
4905	Feb11	2214	Nova R.Relógio, São Gonçalo RJ. Rlgs. propag. QRM de CHN. 33341 (CGS)
4910	Feb16	-1740*	AIR, Jaipur. EE and Hindi news, 1740 cd ann. // Hyderabad 4800, Bhopal 4810, Chennai 4920 (QRM Tibet), Srinagar 4950, Thiruvananthapuram 5010 and Jeypore 5040 (AP-DNK)
4920	Jan31	1514	PBS Xizang (Lhasa)/AIR (Chennai). Usually dominant XPBS Tibetan programme being challenged by AIR in Hindi. (Sheedy)
4925	Feb11	2216	R.Educação Rural, Tefé AM. Tks, mx. 15341 (CGS)
4930	Feb6	1515	VOA (Selebi-Phikwe). Just breaking through the noise with US pop music, EG DJ/presenter, sked *1400-, but never fades in until after 1500 here. (Sheedy)
4940	Feb20	0940	Voice of Strait, suddenly on with test tone; 0945 tone off (just open carrier); 0953 start of their IS; at 0955 ID in Chinese followed by Western classical orchestra music till ToH time pips; this was not // to 4900. Same format and timing as I reported hearing back on Oct 17, 2018. (Ron Howard, Asilomar State Beach, CA)
4950	Feb21	-1747*	R Kashmir, Srinagar. Kashmiri talk, 1730 English and Hindi news from Delhi about terrorist assault in Kashmir, 1740 local Kasmiri talk, sporadic CWQRM (AP-DNK)
4949.5	Feb20	1904	Radio Nacional de Angola, Mulenvos, comments. (Méndez)
4949.78	Feb18	0520	R Nacional de Angola, Mulenvos Portuguese talk, music (AP-DNK)
4960	Feb18	0525	VOA, Pinheira Hausa interview // 6020 (CWQRM in USB) (AP-DNK)
4965	Feb20	1813	Voice of Hope, Lusaka, religious songs, English, religious comments, at 1830 id. "Voice of Hope Africa". (Méndez)
4980	Feb9	1716	Xinjiang PBS, Urumqi. Uighur, tks, mx. Better on // 3990. 25432 (CGS)
4985	Feb10	2133	R.Brasil Central, Goiânia GO. // 11815 w/ the usual weak audio of late. 35332 (CGS)
4985	Feb20	2135	Radio Brasil Central, Goiania, comments, Brazilian songs. (Méndez)
5005	Feb9	1755	RNGE, Batá. Afr. pops. 25331 (CGS)
5005	Feb21	*0510-	Radio Nacional, Bata, open with Afropop songs, at 0630 Spanish, "Panorama Nacional", at 0601 "Boletin informativo". (Méndez)
5005	Feb22	*0505-	RNGE, R. Bata, suddenly on at *0505, in mid-song. Unlike my Feb 17 reception of non-stop African pop music, today played only a few EZL selections, while mostly just announcers in Spanish; just above threshold level audio; still heard at 0540 (Ron Howard, Asilomar State Beach, CA, WOR iog via DXLD)

5009.9	Feb9	1718	R.Madagasikara, Ambohidrano. Malagasy, tks, local pops. Adj. uty. QRM. 35432 (CGS)
5010	Feb20	1715	AIR, Thiruvananthapuram, Hindi songs. (Méndez)
5020	Feb21	0830	SIBC, Honiara, carrier and some audio detected, songs and comments, only on LSB, Extremely weak, barely audible. QRM from Rebende on 5025. (Méndez)
5035	Feb13	2219	R.Aparecida, Aparecida SP. Anns., advs., back to rlg. propag. px Com A Mãe Aparecida. 25432 (CGS)
5040	Feb11	1655	AIR Jeypore, Odisha. Indian mx, tks, more mx. 35433 (CGS)
5045	Feb18	0850	Unique Radio, LSB, 0850-0915, music, at 0900 program "International Radio Report, from Montreal, Canada", news about radio. Log via SDR Kiwi remote receivers in North New Zealand and Brisbane, Australia. (Méndez)
5050	Feb20	1000	Beibu Bay Radio. Time pips; Beijing time in Chinese and English ("6 PM"); singing station jingle; 1002-1005, segment in English about Chinese heating systems and burning charcoal; not very readable, but seems a daily feature (Ron Howard, Asilomar State Beach, CA)
5050	Jan31	1524	Beibu Bay Radio (Nanning). In the middle of some modern CH pop/traditional tunes, BBR woke me up with AC/DC's "Thunderstruck"..then on 6 Feb. from 1508-28+, BBR had a neat show of old US C&W (Glen Campbell, Waylon Jennings among others), quick multi-language ID, singing jingle, & (probably) station promo @ 1530. (Sheedy)
5055	Feb16	1225	JBA carrier presumed 4KZ, but as usual nothing detectable on 5045-LSB, where WORLD OF RADIO should be running on Unique Radio this alternate Saturday; next: March 2 (Glenn Hauser, OK)
5055	Feb18	1208	Radio 4KZ, was able to ID song ("How Much Is That Doggie In The Window," sung by Patti Page); 1300, "National News," which was tantalizingly close to being fairly readable; several items made out (about Univ. Of New South Wales; intruder into a house in Sydney's south-west died during a struggle with home owner, intruder was 35 years old; etc.); weather and cut off at 1305*; certainly a good reception from my location. Feb 6, noted cut off at 1306*, after the weather (Ron Howard, Asilomar State Beach, CA)
5055	Feb21	0810	Radio 4KZ, Innisfail, carrier and some songs detected, only on LSB. Extremely weak, barely audible. (Méndez)
5085	Feb18	0530	WTWW, Lebanon, TN English religious talk (AP-DNK)
5130.49	Feb12	0156	WBCQ with `From the Isle of Music` about to end, poor but better than // 7490.18. At 0157, 5130.49 cuts to legal IDs by AW over and over, while FTIOM is still on 7490.18! 9330 is inaudible, off or propped out. At 0201-0202* sign-off classical music on 5130.49 (Glenn Hauser, OK)
5825	Feb11	2311	R. Triunfal Evangélica. Predicación y luego devocional. (Claudio Galaz, Barraza Bajo, 4° Región, Chile via HCDX)
5830	Jan31	1500	BBC (Yerevan)/WTWW (Lebanon, TN). Caught TOH pips, & opening announcements/news in Urdu, mostly well under WTWW's political/religious programming (sked to 1400, but running late today). BBC clear 1503 2 Feb. with WTWW off, but back under them 1500+ (with OTH-R as well) on 4 Feb. (Sheedy)
5840	Feb12	2219	World Music R, Karup. Mx & songs. 25342 (CGS)
5840	Feb18	0535	World Music R, Randers (p) English pop songs - very weak: (AP-DNK)
5920	Feb20	*0858-	Voice of Freedom, audio suddenly started with musical instrumental by Yang Bang Ean - "Frontier"; usual N. Korea jamming. Comment made by Hiroyuki Komatsubara, on his "Now On The Radio DX" site, on Feb 19 - "5920kHz SOUTH KOREA, Voice of Freedom, They are in here for a long time. They may not change their frequencies anymore ??" (Ron Howard, Asilomar State Beach, CA)
5939.7	Feb8	2219	R.Voz Missionária, Camboriú SC. Rlgs. propag. & songs to match. 45433 (CGS)
5950	Feb23	0330	Voice of the Tigray Revolution, Addis Ababa Tigrinya talk, Horn of Africa music, QRM 5960 Kuwait in Arabic (AP-DNK)
5970	Feb5	1333	CNR1 (jammer). Loud, but who's the target @ this time? Aoki/EiBi have CNR1 jamming RFA 23-24, but nothing else..oh yeah-CNR1 also killing any chance of hearing Gannan PBS. (Sheedy)
5995.0	20/2	2148	R.Echo Of Hope (cland.), site? Kor to KRE, tks. Jammed. 23431 (CG)
6005	Feb23	1000	R Belarus via Shortwaveservice, Kall-Krekel German ID mentioning Kall-Krekel, news from Belarus (AP-DNK)
6010	Feb21	0450	Radio Inconfidencia, Belo Horizonte, comments. Very weak. (Méndez)
6015	Feb21	0450	Zanzibar Broadcasting Corporation, Dole, Swahili, comments. (Méndez)
6015	Feb22	0401	ZBC Radio. Started with the usual news, with many items about "Zanzibar"; then series of monologues; poor to almost fair (Ron Howard, Asilomar State Beach, CA, WOR via DXLD)
6030	Feb23	0335	R Oromiya, Adama via Geja Jewe. Oromo. QRM 6020 CRI in Chinese (AP-DNK)
6035	Feb11	*1139-	PBS Yunnan, relay of FM99, suddenly on with music; recently observed consistent *1139 start up time (Ron Howard, Asilomar State Beach, CA, USA)
6050	Feb21	0647	ELWA Radio, Monrovia, English, religious comments, "Back to the Bible". (Méndez)
6050	Feb21	*0924-	HCJB, Pichincha, Quechua comments. Extremely weak due to daylight here. (Méndez)

6050	Feb23	0340	Vozandes Media, Pichincha. Spanish religious talk about "Amor", hymn - <u>prolonged broadcast</u> (AP-DNK)
6055	Feb21	0753	Radio Nikkei, Chiba-Nagara, pop songs in English, comments, Japanese, female, at 0800 one beep time signal, comments, Japanese, female, male. (Méndez)
6070	Feb21	0503	CFRX, Toronto, news, comments, advertisements. At 0515 eclipsed by Channel 292, Rohrbach on the same frequency. (Méndez)
6070	Feb23	0120	CFRX Toronto 0120 to 0133 news items by om, meets of PM of Canada etc. (Wilkner)
6080	Feb8	2222	R.Marumby, Curitiba PR. Rlgs. propag., songs Adj. QRM. // 9515 off. Better on 11/2, 2225. 34332 (CGS)
6085	Feb23	1005	R Mi Amigo, Kall-Krekel English ID's: "Radio Mi Amigo", English ann, "The LA connection" songs (AP-DNK)
6085	Feb23	1320	Shiokaze/Sea Breeze, from 1320 to 1325. Good reception with no N. Korea jamming; in Japanese; song "Furusato" (Home) sung by the Waseda University School of Music chorus (song at YouTube: <a href="http://bit.ly/2BQbUGx">http://bit.ly/2BQbUGx</a> - also via YouTube: "FURUSATO", meaning 'Home,' is a beloved song in Japan. Since 3.11, it takes on a special meaning for the Japanese all around the world: for those living abroad and cannot come back home... for those whose hometowns were shattered by tsunami... for those who have lost their loved ones through the disaster... for those who are forced to live away from home because of radiation. And for those of us in Japan who fortunately escaped such tragedies, this song is a reminder of the fact that the landscapes which look the same as before are actually not the same anymore."); message from the Japanese government; emergency siren. Thanks very much to Hiroshi (Japan) for the details of what I heard today. My good audio at <a href="http://bit.ly/2Sm8dh6">http://bit.ly/2Sm8dh6</a> (Ron Howard, Asilomar State Beach, CA, USA)
6090	Feb12	0005	VP signal with M&W talk; I try to divine whether it's Brazuguese, as Mark Coady, Ontario, has again assumed it's Radio Bandeirantes. No, it sounds more like Chinese. I am never monitoring at the same time and date as Mark; his was Feb 8 at 0002 and he heard RB even underneath Anguilla, which is not on now. Recheck at 0027: now a stronger S7-S9 dead air or maybe JB modulated. Both these fit for Aoki listings:2055-0300 CNR2 Golmud 916 site; close to grayline 0020-0320 Iran Sirjan site in Spanish. But it also maintains R. Bandeirantes, São Paulo, as 24 hours --- like so many other long-gone LA stations. But2, there could be at times a R. Bandeirantes on 6090. Rudolf Grimm in SP state reports it Jan 29 at 1742 UT in the local daytime with a program `Radio Livre`. He could not hear RB on MW 840 or the other former SW frequencies 9645, 11925, but the timechex were correct and the info current. It could have been a unauthorized pirate relay from FM or webcast, as ZY SW pirates are proliferating, so why not? He says RB had not been on the 49m frequency for three years. By 0150, Anguilla has come up on 6090, PMS S9+20 with hum and squeal. I'm certainly not going to hear anything else under her (Glenn Hauser, OK)
6090	Feb23	0350	Amhara State R, Geja Jewe Amharic talk (AP-DNK)
6110	Feb23	0355	R Fana, Addis Ababa Amharic ann, Horn of Africa song, ID, talk QRM 6105 NHK via Issoudun until 0400* (AP-DNK)
6115	Feb11	1500	R.NZi, Rangitaiki. E, nx, ..., songs, ..., fq change (DRM) ann., IS. Improving, rtd. 45444 at 1650. 24331 (CGS)
6115	Feb21	0605	Radio Congo, Brazzaville, French, comments, id. "Radio Congo", African songs. (Méndez)
6134.9	Feb8	2225	R.Aparecida, Aparecida SP. Rpt. on the native communities. Adj. QRM. // 9630.5, 11855.7. 44332 (CGS)
6134.9	Feb11	2220	R.Santa Cruz, St. <sup>a</sup> Cruz de la Sierra. Cast, nx. 34433 (CGS)
6165	Feb23	0405	R Habana Cuba, Habana English talk about Cuban economy (AP-DNK)
6185	Feb21	-0610*	Radio Educación, Ciudad de México, classic music, at 0545, comments: "Los servicios de televisión de pago, teléfono e internet", at 0600 anthem, id. "... Radio Educación, Servicio Nacional de Comunicación, crea, colabora, comparte", more classic music, at 0607 "Noticias de Radio Francia Internacional", close at 0610. (Méndez)
6190	Feb23	1015	Hamburger Lokradio, Göhren German ann, German pop songs, ID, UNICEF adv, speech about Berlin - not audible in LSB ! (AP-DNK)
6210.2	Feb20	-1757*	Radio Kahuzi, Bukavu, 1725-1757*, catholic religious songs, and comments by male in Vernacular, probably Swahili, close at 1757. Very weak. (Méndez)
6230	Feb10	2142	Sound of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. 25342 (CGS)
6250.0	21/2	2231	R.Echo Of Unification (cland.), Pyongyang site. Kor to KOR, tks. QRM de KOR + jamming. // 3945. 23431 (CG)
6280.1	Feb12	1200	Sound of Hope. The usual OM & YL with "Xiwang zhi sheng guoji guangbo diantai" (Sound of Hope international broadcast station) ID (thanks to Amano-san's assistance); // 6230; checked again at 1209 to find 6280.1 heavily jammed with CNR1 programming, while 6230 had no jamming at all (Ron Howard, Asilomar State Beach, CA, USA)
6280.1	Feb13	2216	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. 25342 (CGS)

6370.1	Feb11	2225	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. 25331 (CGS)
6600.0	16/2	1903	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 23441 (CG)
7140.0	Feb9	1810	Voice Of The Broad Masses, Selai Dairo. Vn, local songs, tks. Adj. QRM de amateur stns. 33442 (CGS)
7140	Feb20	1702	Voice of Broad Masses, Asmara, Vernacular comments, East African songs. (Méndez)
7140.03	Feb23	0410	Voice of the Broad Masses of Eritrea, Asmara. Afar, Horn of Africa music (AP-DNK)
7180	Feb20	1703	Voice of Broad Masse, Asmara, East African songs, Vernacular comments. (Méndez)
7205	Feb20	1916	Sudan Radio, Al Aitahab, East African songs. (Méndez)
7205	Feb23	0415	R Omdurman, Al-Aitahab Arabic talk about Mohammed (AP-DNK)
7255	Feb8	0623	VoN (Ikorodu). VoN back on after a few days on walkabout with decent signal & programming in Hausa. (Sheedy)
7330	Feb23	1257	RNzi confirmed here, only S9 with flutterfading to S4, QSY to 6115 announcement, one bellbird chirp and off 1259*. I retune to 6115 which soon comes up, not much better than 7330 and I could easily believe it's still on the NNW antenna only, not back to split with NNE antenna favoring us. There is also CCI from a fast SAH, probably the Saturday-only Vatican Radio in Chinese via Philippines not turned off yet by 1300*; violating Separation of Church & State (Glenn Hauser, OK)
7330.006	Feb16	0950	just at 0945 UT I heard trumpet solo from Rangitaiki, now is at us fade-out and under the sward/threshold of the string only to suspect. S=9+20dB in Cape Canaveral FL-US at 09.50 UT on febr 16. In the afternoon, R Nzi also transmits at 7330 KHz between 17 and 19 UT, but is sandwiched by two 500 kW 'sweethearts from Beijing and Urumqi China powerhouses'. (wb df5sx, wwdxc BC-DX TopNews Febr 16)
7375	Feb21	0627	S9-S7 music and French ID as ``Radio Mondiale Adventiste, La Voix de l'Espérance`` with Abidjan postal address, also e-mail like <a href="mailto:lavoixdelesperance@yahoo.com">lavoixdelesperance@yahoo.com</a> then AWR theme and plug Bible-par-correspondence course until 0630*. HFCC shows 0600-0630, 250 kW, 162 degrees via FRANCE. Amusingly, sandwiched between two imaginary entries on 7375: 0500-0600 Nauen in Croatian; 0600-0800 Thumrait, Oman RSO in Arabic. Hey, how about another imaginary 7375 entry in memory of RFPI Costa Rica? (Glenn Hauser, OK, DX LISTENING DIGEST)
7390	Feb19	1228	Correxion: ``7390, Feb 19 at 1228, JBA carrier hasn't a chance vs huge splash from 7385 WHRI, which is entitled to run between 10 and 14 UT; presumed RNzi as now unfortunately scheduled on 7390 at 08-13 and even worse, on NNW antenna only`` I was remembering the previous 7 MHz frequency of RNzi, 7390, rather than the current one, 7330, altho I did not notice it there at this time. 7390 at 12-13 was probably CRI in Chinese as scheduled (Glenn Hauser, OK)
7520	Jan29	-1400*	BBC (Tashkent). Weak in Bengali // 9510 (Kranji) with news/reports, many mentions of Bangladesh/BBC & off abruptly @ 1400..9510 stays on 'til 1430* in Hindi. (Sheedy)
7530	Feb6	*1500-	RBA (Kununurra) *1500v-1510+ 4, 5, 6 Feb. IS (with cheery kookaburra!), EG generic RBA ID/slogan & beginning KR program with serious utility (?) QRM making it tough to listen to, unless tuned to 7528 or so. (Sheedy)
7729.9	17/2	2202	Sound of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. 25342 (CG)
9315	Feb2	1125	CNR1 (jammer). Big signal v. RFA (unheard), also noted CNR1 jammers on 9180/9200 (v. unhrd SOH) & echo-jamming on 9660 (v. unhrd RTI). (Sheedy)
9505	Feb4	1450	R Vatican (Tinang). Clear in Hindi to 1450, then Tamil until 1510 & into Malayalam. IS/"Laudetur Jesus Christus" before each language change..news about the Pope's visit to UAE (& a tip of the DX beanie to Glenn Hauser's info on the ODXA site). (Sheedy)
9515	Feb20	2036	Radio Marumby, Curitiba, religious comments and songs. (Méndez)
9630.5	Feb12	2212	R.Aparecida. Tks on home poltics. 45444 (CGS)
9635	Feb9	1211	R.Voice Of Vietnam, Son Tay. Viet, tks, mx. F/out 1310. 25442 (CGS)
9650	Feb9	1309	R.Guinée, Sonfonia. F, nx. QRM de UNID in A. 43443 (CGS)
9664.6	Feb10	2138	R.Voz Missionária. Rlgs. songs. 45444 (CGS)
9700	Feb10	*1059-	R.Nzi, Rangitaiki. IS, E, nx, wx, hymns, ..., interviews. Deteriorating. 35433 (CGS)
9765	Feb10	-1058*	R.Nzi, Rangitaiki. E, oldies px, fq change ann., IS. 45444 (CGS)
9818.7	Feb13	1936	R. 9 de Julho, São Paulo SP. Mass. 25432 (CGS)
9818.8	Feb20	2046	Radio 9 de Julho, Sao Paulo, religious comments. (Méndez)
11725	16/2	1909	R.Nzi, Rangitaiki. E, rpt on Austr. bush fires. Rapidly deteriorating. 35443 (CG)
11735	Feb20	1800	ZBC, Dole, time signals, English, id., news by female. Very weak. (Méndez)
11780	Feb20	1910	Radio Nacional da Amazonia, Brasilia, program "Nacional Jovem", at 2000: "5 da tarde en Brasilia, Nacional informa", at 2100 program "Reporter Nacional". (Méndez)
11815	Feb13	1244	R.Brasil Central. Infos., songs. Vy. poor readability due to weak audio. 25442 (CGS)
11815	Feb20	2026	Radio Brasil Central, Goiania. Strong QRM from Arabia on 11820. (Méndez)
11820	Jan28	*0000-	CRI (Xianyang). Caught CRI IS @ *0000, then poor signal for the Cantonese programme (// 17490 (Beijing) doing much better). (Sheedy)
11855.7	Feb13	1110	R.Aparecida. Mass ..., songs. Deteriorating 1255. 25442 (CGS)

11855.7 Feb20 2030 Radio Aparecida, Aparecida, religious comments and songs, id. "Radio Aparecida, Santuario Nacional". (Méndez)

11895.1 Feb13 1939 R.Boa Vontade. Rlgs. propag. Adj. QRM. 24442 (CGS)

11895.1 Feb20 2032 Radio Boa Vontade, Porto Alegre, religious comments and songs. (Méndez)

12055 Feb10 1010 CNR 17, Lingshi Kazakh talk // 11630 (QRM 11635 CRI in English) (AP-DNK)

13670 Feb10 1005 Xinjiang PBS, Urumqi Uighur talk with musical interludes // 11885 (AP-DNK)

13700 Feb10 0955 CNR 13, Lingshi Uighur song, time signal, ann, ID, talk // 15390 (AP-DNK)

15215 Feb21 \*1600- Annual broadcast of "Radio Amrum, the Frisian Voice" via FRANCE, carrier on and soon sign-on in English mentioning 500 kW, the edition for 2019 --- but the "19" was clearly edited in, replacing "18", or even earlier! This is the "tenth issue" -- or was that referring to a previous year now being played back? The following content certainly sounds familiar. It would be nice if they could come up with new stuff, perhaps even some local music breaks. The date is coordinated with a celebration on Öömrang every Feb 21 at 5-6 pm, a bonfire of non-toxic, non-plastic materials collected over previous months. Live coverage of this would be more exciting!

Host introduces "latest news" at 1603 but then switches to German. Several English bits interspersed are only brief, so for those not fluent in German, much less Frisian, little is comprehensible, but since this is such a special occasion I monitor the entire hour. Mostly it's an informal conversation among a woman and one or two men, except at 1611 they seem to be reading a script. Apparently the host only speaks (high) German and English, while most of the hour is in the Frisian dialect. I wonder how well standard German speakers can understand Frisian?

1604 English something about a "special game" and back to Frisian. 1625 English about happy birthday to a Mr. Peters who has been married for 15 years. 1633 English about having made a trip to New York, also in German about Australia, New Zealand; in Frisian about Las Vegas.

1639 break ID as on 15215 k-h-z from Jülich! How many years now has the original DW site been kaput?? And times as 11 in NY, 17 M-E-Z; "welcome from Amrum to New York".

1645 talking about schnee (snow).

1659 apologizes for interrupting the conversation, but promises to be back on Feb 21, 2020, 500 kW on 15215, "to all Amrum exiles all over the world, especially New York". Also said earlier that more of them live elsewhere in Germany than on the islands. Credits those responsible for this annual broadcast, Ian (Eien?) Kursel? at 25946

Niebel, and two contact phone numbers repeated in English and German: 046822688 and 01704425007; inviting donations. 1659 dead air and 1700\*

VG S9+20 signal here in deep North America, fading to S9. Simul-monitoring via UTwente found it much weaker/poorer, too close to Issoudun, skipping over, and worsening by 1642 check.

Via UTwente only, from the outset and further chex, there is scratchy intermittent SSB ACI from some INTRUDERS. I do not manage to isolate it, but seems to be USB, slightly from the lower side.

There is also constant tone-pulsing QRM underneath for the entire hour, at the rate of approx. 7X per second. What is this? At times it seems to fade independently, so jamming? Toward the end I find it peaking about 0.5 kHz above and below 15215.0; it continues during the brief dead air at conclusion, and goes off at exactly the same time as carrier. So I conclude it's a defect at Issoudun, not external jamming, and not on the Amrum program audio either. Other monitors were also hearing it. I alerted the WOR iog, British DX Club and Hard-Core-DX an hour earlier, and will round up several resulting reports in next DXLD.

Wolfgang Bueschel recorded most of it and also wonders about the source of pulsing: "steht auf der Box zum Anhören: <https://app.box.com/s/dlolfr18x2wr311e13qm800v6rvpeh6b> Kann mir mal jemand erläutern woher dieses Bubble-Geräusch pulsend herkommt? 73 wb df5sx"

This fine reception into deep North America demonstrates that even at solarmin, any European broadcaster could serve us successfully on 19m at our mid-mornings, but not a single station is willing to do so. Remember when, sesquidecades ago, London Calling had a separate North American service? I think it was on 11 metres then during solarmax circa 1958! 15215 also had a JBA carrier before Amrum, at 1530 Feb 21 check, and after it went off at 1700; nothing else whatsoever listed so maybe of local origin (Glenn Hauser, OK)

15540 Feb10 0950 China Business R, Lingshi, interview // 15500 (QRM Saudi Arabia 15490) (AP-DNK)

17605 Feb10 0945 Voice of China, Beijing. orchestra music // 13610, 15380, 17550 and 17595 (AP-DNK)

17775 Feb15 1522 Still no signal from KVOH, off or not propagating? Still zilch at 1942 check. After my last report, Ray Robinson of KVOH replied, "There are views of the KVOH antenna site, transmitter building and Harris SW100 transmitter in this month's Voice of Hope video update, here [9:36]: <https://www.youtube.com/watch?v=jG4YXoopZOM> The Harris is finally fully

refurbished and all hooked up, almost ready to turn on. The RCA transmitter's days are numbered! Ray.`` ----- Amid all the platitudes, bits of info are gleanable: Tayloe says power will be ``doubled`` --- does that mean running both transmitters? The ``new`` Harris is actually an old one from KTWR Guam, which has been ``totally rebuilt`` with ``thousands of hours of work over three years``, ``we are within weeks of signing on``; and it will be ``good for 20 years unless the Lord comes first``. Programming will also be increased on all three stations, Israel and Zambia too. ----- Ethan Best, KC9YDN, and I, wonder ``Will 9975 kHz be returning soon?`` No reply about that. During long inactivity, KVOH has kept imaginary registrations of it in HFCC as 00-08 UT, 100 kW and 100 degrees, like 17775(Glenn Hauser, OK)

### Pirate stations:

3900.0 Feb18 2242 R.Batavia - pir. Pop oldies. 35342 CG  
 3920.0 Feb9 1710 Mike R - pir. Du, mx, tks, songs. 35433 CGS  
 5140.0 Feb11 2228 Charleston R Int'l - pir. Oldies. 35433 CGS  
 6320.0 Feb10 1752 R.Joey (t) - pir. Electr. mx. T-ID via DX press. 25442 CGS  
 7725.9 Feb17 2205 R.Zepplin (p) - pir. Jazz mx & songs. 25331 CG  
 12295.0 Feb17 1743 Reflections Europe - pir. E, rlg. propag. pxs. // 6295 better. 25342 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 CG, Carlos Gonçalves, Lissabon, Portugal CGS, Carlos Gonçalves, SW coast, Portugal	Méndez, Manuel Méndez, Lugo, Spain AP-DNK, Anker Petersen, Skovlunde, Denmark TB, Tomas Burian, Morava, Moravia Claudio Galaz; Barraza Bajo, Chile via HCDX Robert Wilkner, Pompano Beach, Florida Dan Sheedy, Moonlight Beach/Encinitas, CA
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(CG)=Lisbon. JRC NRD-545DSP & PERSEUS sdr; homemade amp. (W7IUV version); 20 m & 16.7 m T2FDs, 5 MHz dipole, 6x19x6 m Ewe 135°, raised, 4 loop K9AY

(CGS) = SW coast JRC NRD-545DSP & DRAKE R8-E; Advanced ReceiverResearch amp.; 20 m T2FD, 30 m 180°/0° mini-Bev., 80 m 300°/120° Bev., 200 m 270°/90° Bev., 270 m 145°/325° Bev., 300 m 225°/45° Bev., raised, 4 loop K9AY.

## Station news

**BRAZIL.** Acc. Brazilian DXer is now only with limited power on reserve unit ?

**6010 (5 kW) ZYE521 R. Inconfidencia,** Belo Horizonte MG

<[www.inconfidencia.com.br](http://www.inconfidencia.com.br)>

<[http://inconfidencia.mg.gov.br/modules/programacao/players/pop\\_am.php](http://inconfidencia.mg.gov.br/modules/programacao/players/pop_am.php)> need open Adobe Player in Firewall.

Aber wenigstens verständlich via dem Livestream um 07.14 UT. Die Musik gefällt mir sehr.

Die website mit dem Player Aufruf zeigt die MW Frequenz AM 880 AM 880 O gigante do ar

(73 wb via A-DX)

**CANADA. 2749-USB,** Feb 23 at 0437 S8 synthyl in French with marine weather, including minimums & maximums, past 0441+.

2598-USB, Feb 23 at 0441 I check the other frequency and hear same thing weaker, running just a split second ahead of 2749, as I am able to hear them on two different receivers. I can never be quite sure whether that be due to transmission delays or DSP-caused reception delays. 0443 one of them stops but shortly they are back almost //.

DXLD 19-07 quoted this info: ``Les Escoumins, Quebec maritime weather station VCF --- Located in the eastern part of the province of Quebec, VCF is on the north shore of the St. Lawrence River. It broadcasts its weather bulletins in both English and French as follows: 2598 and 2749 kHz 0437-0500 VCF Les Escoumins QC``

Among other times, this being the final one until 0847. But that info omits important data, true transmitter sites of each frequency as in: <http://www.ccg-gcc.gc.ca/Marine-Communications/RAMN-2018/Part2#21>

04:37 Natashquan 2598J3E Radiotelephony

La Vernière 2749J3E

- Technical marine synopsis and forecasts for marine areas 215 to 221 and 301 to 302.
- Wave height forecasts for marine areas 215, 217, 219, 220, 221, 301 and 302.
- Notices to Fish Harvesters (when available).

(Glenn Hauser, OK, DXLD)



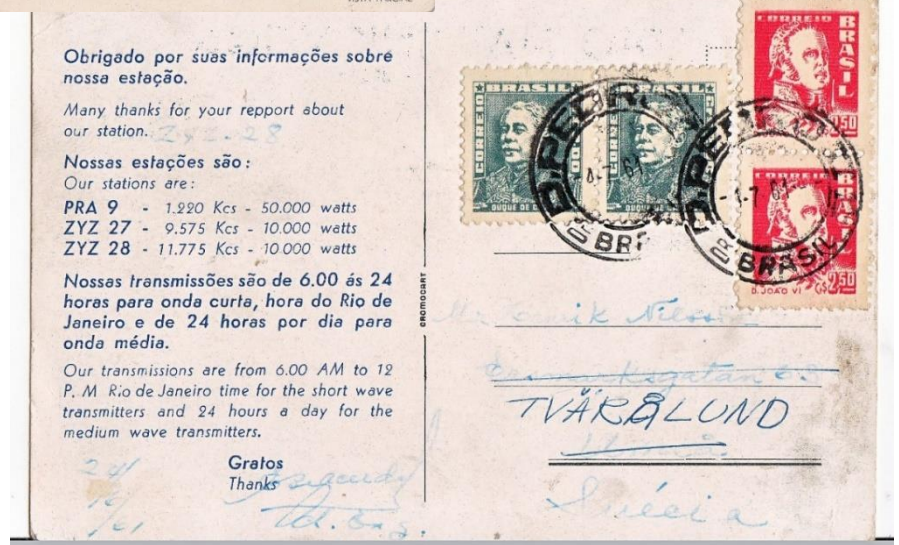
## Other radio news

### Rádio Mayrink Veiga

Rádio Mayrink Veiga, Rio de Janeiro, is the unidentified station on the receiver picture of the last issue of SWB.

The card verifies reception of ZYZ28, 11775 kHz. This station, which was forced to leave the air in 1965, is one of the oldest stations in Brazil.

(Henrik Klemetz)



### Tropical Logbook

#### Arthur Miller comments on the poor

conditions and adds that "the only notable feature was the return of AIR Kurseong" to 4895 kHz in January. Jose Jacob's DX India website <<https://www.qsl.net/vu2jos/>> indicates the schedule on 4895 is 0055-0400 UTC (Sat/Sun - 0430) and 1130-1700 UTC (Sat/Sun -1741). Jose reported (Jan 16) he had contacted the station (located in the Darjeeling district of West Bengal in the far north east of India) who said their 50 kW transmitter was currently being operated at 30 kW after being off the air for some months. Their local daytime frequency (7230kHz) was also due to return to the air. Note, Mongolia, also use 4895 kHz (but irregularly re the latest Tropical Bands Monitor).

Compiled by Anker Petersen, the complete Tropical Bands Monitor covering all 12 months of year 2018 can now be downloaded from [www.dswci.org](http://www.dswci.org) (from the menu on the left, click "Latest Issue" under "Tropical Bands Monitor").

This 2-page listing shows in frequency order, stations heard by DXers worldwide last year between 2850-5580 kHz, indicating in which months a station was heard (but excluding pirate stations).

A great resource for the active DXer!

(Alan Pennington-UK, BrDXC-UK "Communication" Februar 2019 magazine)  
(Via WORLDWIDE DX CLUB Top News #1372 Febr 14th, 2019)

## Trincomalee transmitter

TWR Sri Lanka visits the Trincomalee transmitter today. Pictures via TWR Lanka Facebook.



(via Christoph Ratzler)

More info about this transmitter can be found at:

<http://mt-shortwave.blogspot.com/2012/04/story-of-radio-broadcasting-in-sri.html>

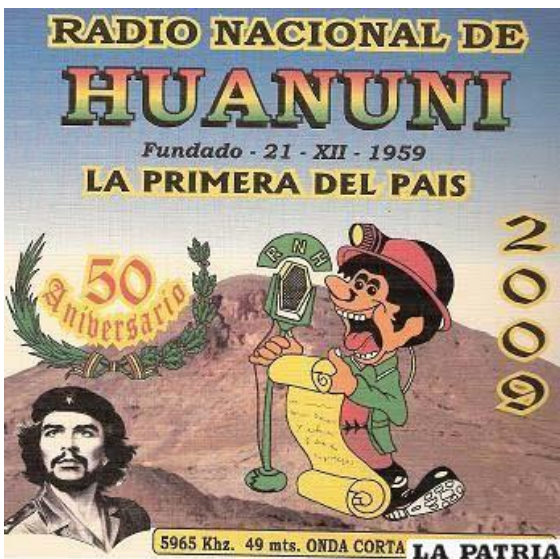
## Bolivian Miners' Radio Station Documentaries

Many thanks to SWLing Post contributor, Tracy Wood (K7UO), who shares the following guest post:

### Bolivian Miners' Radio Station Documentaries

Bolivian mine workers' radio stations have long held an affinity among these Altiplano communities. Many were stations were targeted for shootings, bombings, etc. by forces loyal to earlier dictatorships. Today, few stations remain as the mining sector has declined in importance and newer generations migrate to the larger cities and lowland farming regions. Radio Nacional de Huanuni and the Catholic church's Radio Pio XII are two of the remaining miners' stations with some long-standing shortwave presence; others like Chocaya's Radio Ánimas permanently signed off with the mining center's closing.

Two documentaries have been made about this earlier Bolivian miners' broadcasting movement. The first one is a 30-minute 1983 UNESCO documentary entitled "La Voz del Minero" ("The Voice of the Miner"). This grainy 16-mm Spanish-language documentary fortunately has been ported to YouTube. The film features audio and video clips from several stations including Radio Nacional de Huanuni, Radio Pio XII, Radio Ánimas and Radio Vanguardia. Sharp eyes will notice at the 26-minute point a console-mounted Hammarlund HQ receiver in Radio Pio XII's studios.



Read the full story here: <https://swling.com/blog/>

## DD3ZE Frank Vornast bietet 10- & 4-Fach Antennensplitter an

Es geht aber auch einfacher: Frank Vornast DD3ZE bietet neben den bestückten Platinen für die Verteilanlage auch kleinere Fertigverteiler an. Wer Verteiler für 1 Antenne auf 4 oder 10 Antennen benötigt, wird bei ihm fündig:

<http://dd3ze.de/index.php/10-fach-antennensplitter>

### 10-Fach Antennensplitter

Teilt das Antennensignal auf 10 Ausgänge auf.

Frequenzgang: 9KHz bis 50MHz

Der eingebaute Verstärker kann max 13dBm am Ausgang abgeben.

Anschlüsse: BNC Buchsen

Weißblechgehäuse: 162x102x30mm

Stromversorgung: 12V DC / 50mA

Masse: 365g

Durchgangsdämpfung: 6,0dB !.

Auf einer nachfrage der Radiofreunde NRW, unter DH4JG

Preis: 90,00 Euro.





### 4-Fach Antennensplitter

4-Fach Verteiler / Splitter  
 10kHz--52MHz  
 Durchgangsdämpfung: 2,0dB  
 SWR unter 1:1,2  
 Return-Loss unter 30dB  
 Weißblechgehäuse: 111x74x30mm  
 Stromversorgung: 12V DC / 50mA  
 Preis: 65,00 Euro

More info at: [https://www.facebook.com/radiofreundenrw/?tn-str=k\\*F&hc\\_location=group\\_dialog](https://www.facebook.com/radiofreundenrw/?tn-str=k*F&hc_location=group_dialog)

### Veerteilanlage beim [Radiofreunde NRW](#)

*Gut verteilt ist halb gewonnen...*



In eigener Sache: Es kommen bisweilen Anfragen zu unserer neuen Antennenverteilanlage. Die Platinen dazu wurden in Anlehnung an die alte Verteilanlage AVV01 von RFT aus der DDR (80er Jahre) von OM Frank Wornast DD3ZE entwickelt. Diese haben wir in 19"-Baugruppenträger eingebaut, wie sie hier auf den Bildern zu sehen sind.

Wir fertigen diese Anlage nicht im Auftrag, dafür haben wir als Hobbygruppe gar keine Kapazitäten. Gegen eine Schutzgebühr (Spende) gibt es von uns eine Baumappe, mit der man die Verteilung entweder selber aufbauen oder kommerziell bauen lassen kann.



Hier ein Bild des neuen Selbstbauverteilers, Entwicklung von OM Joachim gemeinsam mit OM Frank Wornast. Dies ist Joachims Versuchsträger, enthält von links: Spannungs- und Stromanzeige, zwei Spannungsausgänge, HF-Generatoren für 1 MHz und 8 MHz, darüber eine Impedanzanpassung. Dann folgt ein Pi-Filter, mit dem sich Drahtantennen direkt anpassen lassen, ein VHF-Verteiler für 4 Teilnehmer sowie zwei Verteiler für VLF bis KW für je 12 Teilnehmer. Wird auf dem Camp in Ruhe getestet, was sich an Zusatzbaugruppen bewährt, kommt auch in die endgültige Version mit rein.





Neuigkeiten von der Verteilanlage. Am Wochenende haben wir zu Dritt den ersten Baugruppenträger mit 4 Verteilkassetten (1 auf 12) und Netzteil fertiggestellt. Der Zweite erfolgt in Kürze, ebenso der Einbau in Rackcases zum sicheren Transport.

Jetzt darf zunächst mal probiert und gemessen werden.

Die neue Verteilelektronik, Entwicklung von OM [Joachim Geisau](#) und OM Frank Wornast.

See this page for more information in photos section:

[https://www.facebook.com/radiofreundenrw/?tn-str=k\\*F&hc\\_location=group\\_dialog](https://www.facebook.com/radiofreundenrw/?tn-str=k*F&hc_location=group_dialog)

(From Facebook group Radiofreunde NRW)

### Kurzwellen Antennenverteiler AVV01 K

Der AVV 01 K ist ein Verteilverstärker für bis zu 10 x Empfänger innerhalb des Antennenverteilsystems für KW - Empfangsanlagen AVV 01

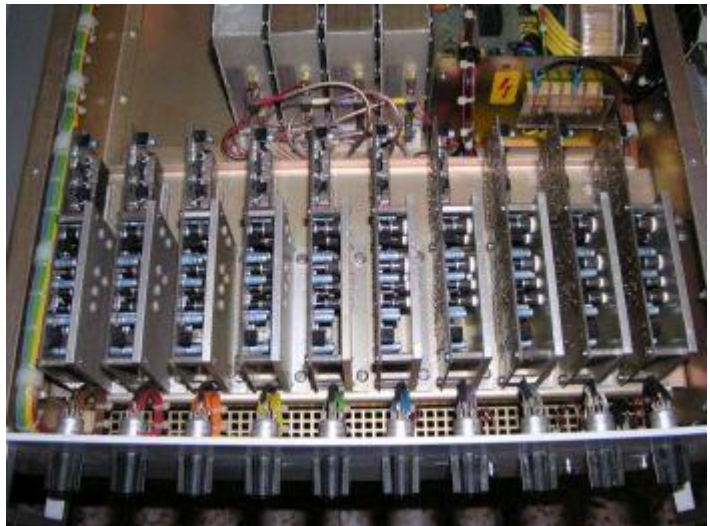
<http://www.dk5fa.de/rft-01.html>



### R&S NV 14T

Der HF - Trennverstärker NV 14T wird eingesetzt um den HF - Eingang auf bis zu 10 Empfänger mit einer Entkopplung von ca. 40 dB zu verteilen. Der Eingang ist gegen Überspannung geschützt. Die Spannungsverstärkung für jeden Ausgang beträgt 1,5 dB. Als Betriebsspannung wird 24 Volt bei ca. 450 mA benötigt.

<http://www.dk5fa.de/r-s-nz-14.html>



### DUK - Antennenverteiler AAD 10/4

Der Antennenverteiler schaltet 4 x aktive oder passive Antennen auf 10 x Empfänger wobei die Antennenauswahl per Fernsteuerung oder auch Handbedienung erfolgen kann.

<http://www.dk5fa.de/aad-10-4.html>

## DX nostalgia

Ronny Forslund

Some more QSLs from the collection of Lars Rydén. First we have a beautiful card from Greenland for a report of January 5, 1952. V/s Helge Christensen writes on the back of the card that station OX1 operates from Godthåb with 1 kW on MW 683 kHz and SW 7094 kHz.



In the 1950s many Spanish stations were active on SW. This QSL confirms Lasse's report of Radio S.E.U. dated November 30, 1950. The station was operated by the Sindicato Español Universitario and carried programmes also in Portuguese, French, German, Arabic, Greek, English and Italian.



Over to Africa. Radio College broadcast from Elisabethville in the then Belgian Congo. On the back of the card is a clipping from a programme schedule, indicating that on the day of reception, February 6, 1953, a musical programme in Flemish was broadcast, "Kleine ik in de grote wereld" where music from "De Zee" by Belgian composer Paul Gilson was presented. This work is a set of four impressionistic movements in sonata form and it predated Claude Debussy's work of the same name by a decade.

**OQ2AC**  
**RADIO-COLLEGE**

**QTH :**  
LONGITUDE 27°29 E.  
LATITUDE 11°40 S.

**QRA :**  
COLLÈGE  
ST FRANÇOIS  
DE SALES  
ELISABETHVILLE  
Congo Belge

**QRG : (FRÉQUENCES)**  
7.200 KC. ; 4.980 KC. ; 3.390 KC.

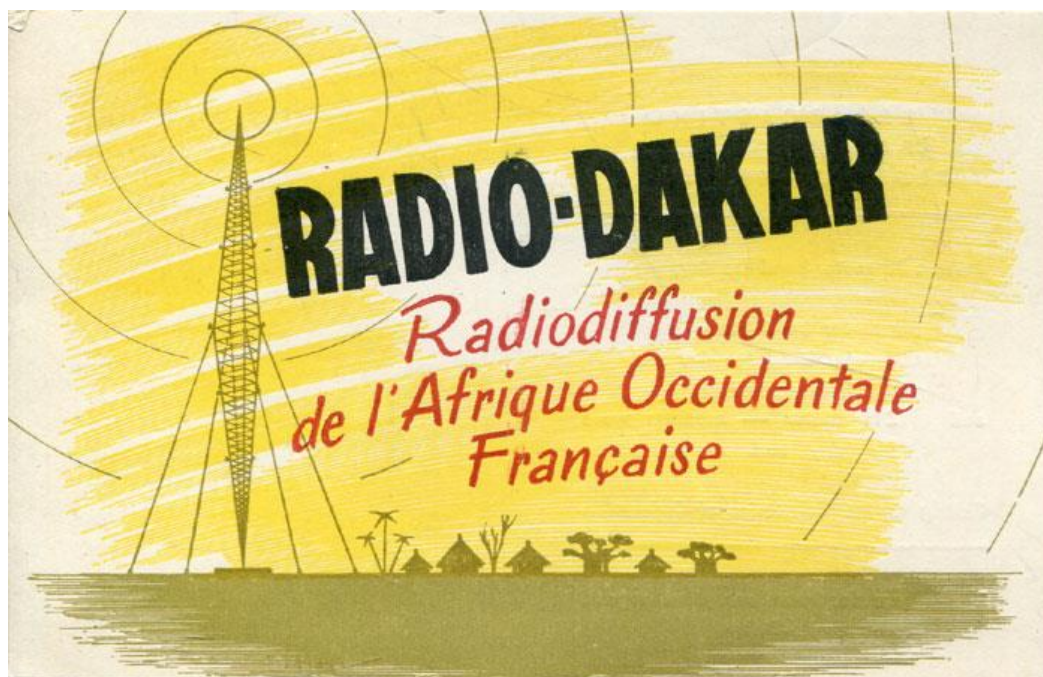
**PUISSANCE ANTENNE:**  
250 WATTS / WATTS: 250 / WATTS: 250

**HORAIRE :**  
EN SEMAINE, DE 16.30 A 17.30 GMT  
DIMANCHE, DE 07.00 A 09.00 GMT

Merci pour vos notes  
d'écoute du 6-2-53  
73

© BELCO-ELISABETHVILLE

French West Africa was a federation of eight French colonial territories in Africa: Mauritania, Senegal, French Sudan (now Mali), French Guinea, Ivory Coast, Upper Volta (now Burkina Faso), Dahomey (now Benin) and Niger. Radio Dakar broadcast from the capital Dakar with 4 kW in the 50 and 60 m.b. plus 25 kW in the 25 m.b. Received on June 26, 1956 by Lars Rydén.



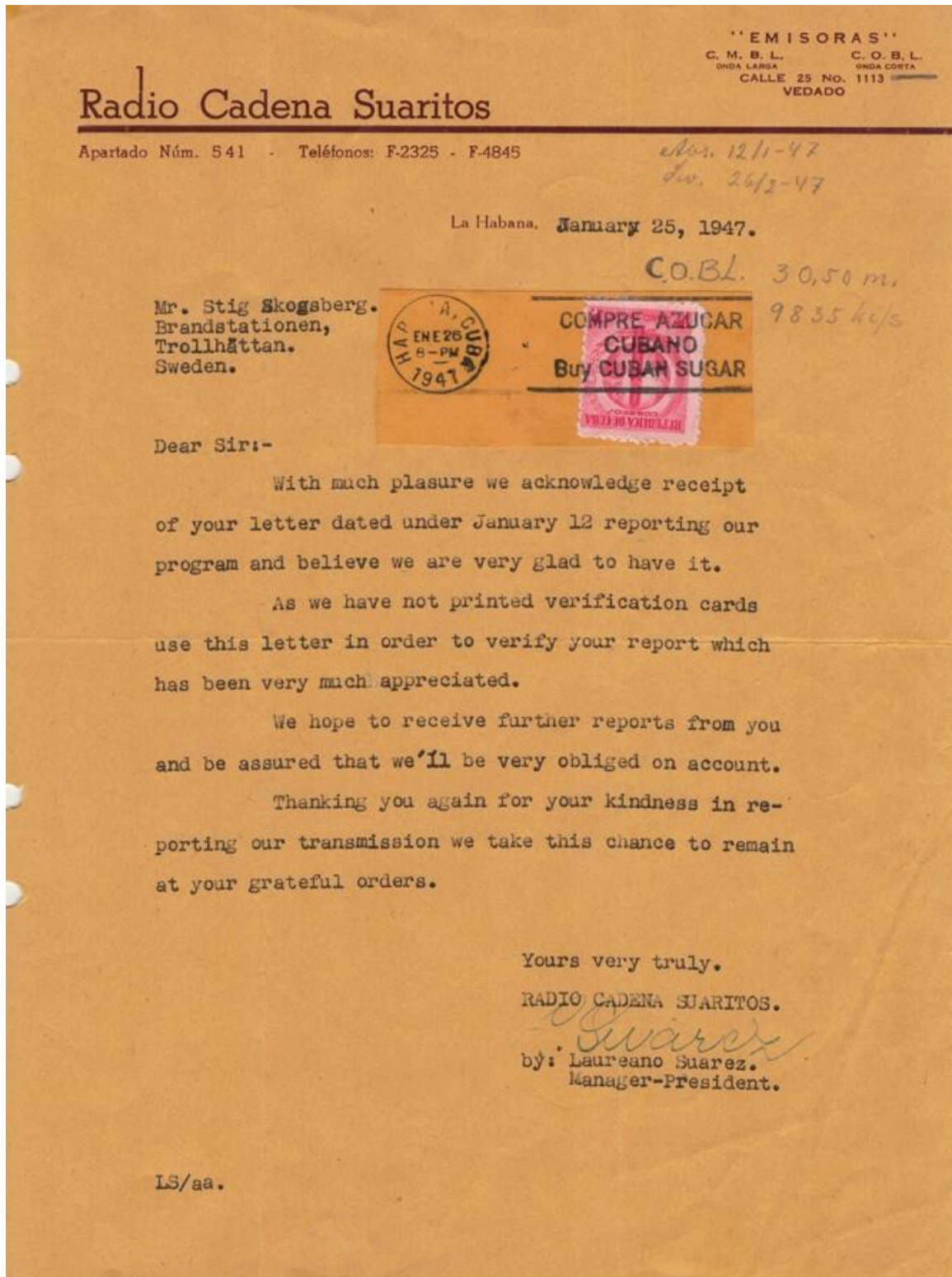
More DX nostalgia will soon be published on [www.dxboken.com](http://www.dxboken.com)

# DX nostalgia

Dan Andersson

For this issue Dan Andersson has scanned two interesting verifications from Stig Skogsberg's QSL collection.

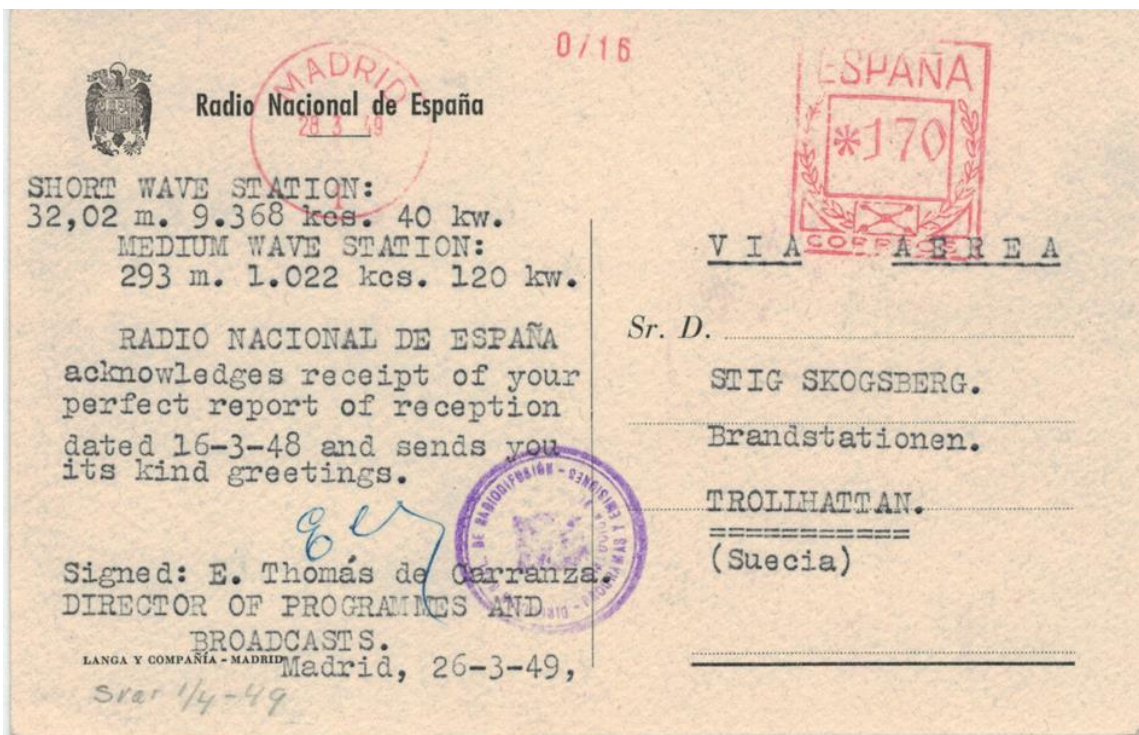
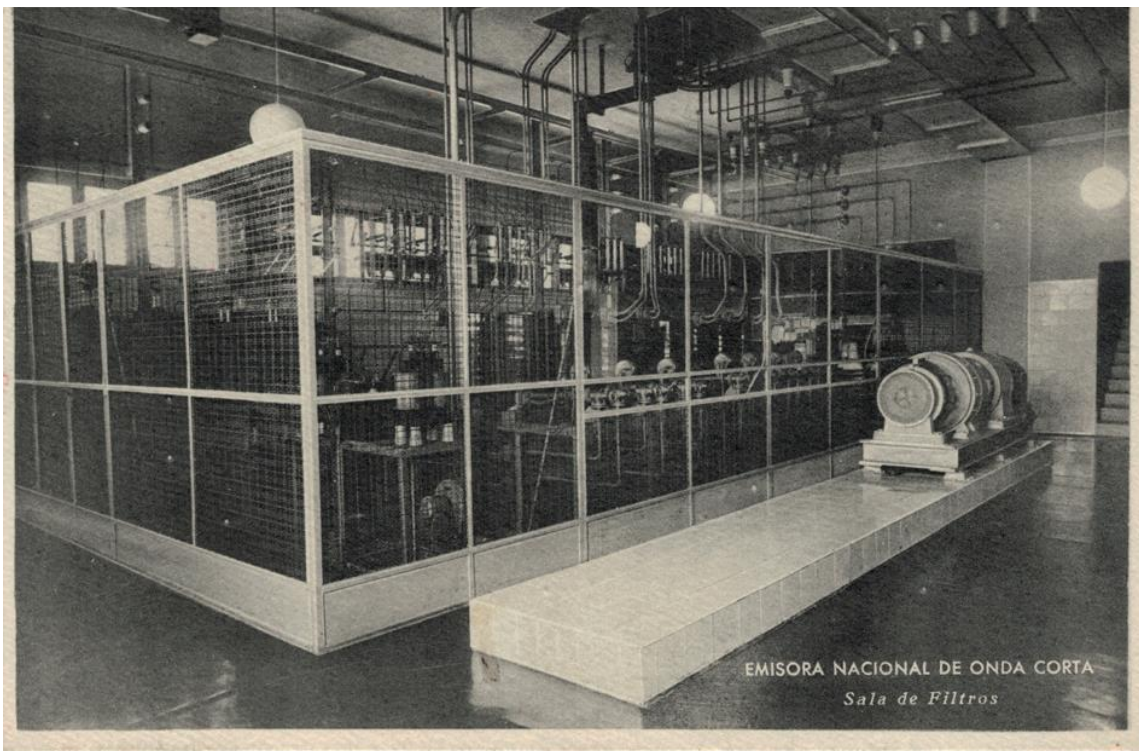
This letter is from **Radio Cadena Suaritos**, La Habana transmitting on 9835 kHz in 1947.





Here is another QSL-card from Stig Skogsberg's QSL collection.

This one is from R Nacional de Espana who transmitted on 9368 kHz & 1022 kHz in 1948. At that time kHz was not used, instead it was kcs.



## SINPO/SINFO ( [WOR] )

Dario Gabrielli wrote on Sun, 17 Feb 2019.

In fact in variuos List I see the following signals:

Barely Audible	Almost good
Very poor	Good
Poor	Very good
Almost fair	Excellent
Fair	

*But I don't know like I can change with SINPO code. ./Dario*

I don't see an answer, but I DO see a lot of people who misunderstand/misuse SINPO/SINFO/SIO codes so I thought a 'public' answer would be appropriate -- the 'reception rating codes' (RST/SINPO/SINFO/SIO) have been a recurring question I've dealt with in my Michigan Area Radio Enthusiasts "Q and A" column. Dario, your confusion is not unusual!

The "O" portion of the rating (in whatever scale) translates to:

- 1 = Unusable
- 2 = Poor
- 3 = Fair
- 4 = Good
- 5 = Perfect/local quality/Excellent

Some people (me included) advocate something that is not 'officially' part of the code, the use of #+ ratings. I find that very helpful for my use:

- 1+ = Almost unusable
- 2+ = Almost fair
- 3+ = Almost good
- 4+ = Very good

And I think that addresses your DIRECT question, but if you really want to understand this, there is more!

***We should start with the 'official' ITU code chart description:***

ITU-R SINPEMFO Code								
Rating scale	S	I	N	P	F	E	M	O
	Degrading effect of				Frequency of fading	Modulation		Overall rating
	Signal strength	Interference (man-made)	Noise (natural)	Propagation disturbance		Quality	Depth	
5	Excellent	Nil	Nil	Nil	Nil	Excellent	Maximum	Excellent
4	Good	Slight	Slight	Slight	Slow	Good	Good	Good
3	Fair	Moderate	Moderate	Moderate	Moderate	Fair	Fair	Fair
2	Poor	Severe	Severe	Severe	Fast	Poor	Poor or Nil	Poor
1	Barely audible	Extreme	Extreme	Extreme	Very fast	Very Poor	Continuously over-modulated	Unusable

That is a lot of information in a small amount of space, but a couple of things deserve further explanation:

Note that 'logically' the "O" rating can never be larger than the I, N, P, or E ratings, and the M can never be lower than the O either. Thus while an SIO rating of 354+ is certainly possible, as would be a 25554 SINPO, etc, an SIO rating of 115 or 114, is just logically inconsistent. You cannot have good or excellent overall reception if there is extreme QRM and the signal is barely audible. Also, if the 'O' is '1' it is impossible to provide any programme details. So you couldn't give detailed programming information ("English news with items about President Trump's latest declaration") and then rate the signal '111'. If it is truly '111' you can't understand anything and really, the only way to get a definite ID for that station would be if the signal faded, and/or interference started as you listened. And you CANNOT have an overall excellent rating unless all the other columns are also '5' 55555 is possible (although rare on SW) 11115 is not. 55551 *is* possible, but it requires some additional information.

For example, just because the signal is S9+50 dB it does NOT imply the 'overall' rating is 'excellent' Egypt and Cuba, for example, with lousy modulation are both classic examples of a really strong signals that are poor or fair at best, and often unusable and at times might even rate a '55551'. I hope this helps.

(73 //Ken Zichi via WOR)