

# SHORTWAVE BULLETIN

Issue no. 2058, July 7, 2024

Deadline e-mail next issue: 1000 UT, July 21, 2024

Time again for yet another SWB ....

Again we have got positive response from non members who are reading our bulletin. Note for instance what Rudolf Sanda writes.

Also many thanks to Robertt Wilkner and Manuel Méndez for sharing QSL cards.

Christoph Rutzer mentions in his A-DX Fernempfang about a completely new line of equipment for remote listening constructed by Jan OK2ZAW and Mike DM5XX.

The products are sold by Hamparts\_Shop. In the article there is a link to their website where you can read all about the products. Really Hi End parts.

Another interesting event is that the fourth radio station in Finland now is on the air – Radio Blacksmith Knoll transmitting on 6120 kHz.

Included here is a speech with the the operator – Marco (in Swedish) by Kario Kallio. You have to use Google translation ....

Ronny - thanks a lot for compiling the DX-Nostalgia column for each issue.

Keep on ....

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## SWB-info

SWB info:

<https://www.dxinfo.se>

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.

**Christer Brunström:** TWR Manzini 9940 eQSL and other information with a nice note from Mrs. Britta Pfeiffer.

**Robert Wilkner:** “Miss the 90 meter band Africans. Hurricane season is upon us. Best wishes for DXers in these regions“



**Rudolf Sanda:** Ein Hallo aus Österreich / Wien (JN88ED).

As an active SWL (shortwave and even if it is difficult here from my location - southern area of Vienna also the medium wave, amateur radio including FT8) and reader of the **Shortwave Bulletin** I would like to thank you here for the effort / work & commitment in this way.

Attached as a small thank you from me my QSL cards which I am currently using.

With best regards (73) I remain from Austria Vienna, SWL



**VBTC**  
along your evolution

**Q S L**  
VERIFICATION CARD

To: Manuel Mendez, Lugo NW of Spain  
 Station: Radio Vanuatu  
 Date: 28<sup>th</sup> June 2024 Time: 0455~0633 (UTC)  
 Frequency: 9960 Khz Power: 10 Kw Transmitter: SW

**SHORT WAVE**

AM 9960 khz  
 AM 7260 khz  
 AM 5040 khz  
 PM 3945 khz  
 PM 2485 khz

**AM**

**STREAMER**  
[www.vbtcvu](http://www.vbtcvu)

Sincerely yours: Warren Robert (Please sign and stamp)

Manuel Méndez. 9960, Radio Vanuatu, Port Vila, received eQSL in three days. Reception report sent to: [rob-ertw@vbtcvu](mailto:rob-ertw@vbtcvu)

## Log Info

(UTC)

**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 Thursday via WOR: <http://www.worldofradio.com/Hauserlogs.html>

The latest ones direct: [https://www.w4uvh.net/ghlogs\\_2024\\_0627\\_0703.txt](https://www.w4uvh.net/ghlogs_2024_0627_0703.txt)  
 Previous issue: [https://www.w4uvh.net/ghlogs\\_2024\\_0620\\_0626.txt](https://www.w4uvh.net/ghlogs_2024_0620_0626.txt)

## Useful log links:

WOR: <https://groups.io/g/WOR>  
WWDXC Top News: <https://www.wwdxc.de/topnews.shtml>  
DXplorer: <https://groups.io/g/DXplorer/messages>  
Shortwave Central radio blog: <https://mt-shortwave.blogspot.com/>  
DX Fanzine: [www.dxfanzine.com](http://www.dxfanzine.com) (also pirate stations)  
Liangas: <https://zliangaslogs.wordpress.com/2022/> (mostly using KIWI's around the world)  
Pirates: <https://shortwavedx.blogspot.com/> <https://betajbk.blogspot.com/>  
<https://ukdxer.wixsite.com/my-vxw-site-di06oi>

## Here are some pirate tips links that might be worth spreading. /Per Eriksson, Sweden:

Achim Bruckner: <https://www.achimbrueckner.de/>  
Lars Jeppesen, active pirate listener: <http://lhu-dx-log.blogspot.com/>  
Rick, Finland: <http://pirateradiolog.blogspot.com/>  
Irish Paul: <https://irishpaulsradioblog.blogspot.com/>

## Log

(UT)

2505	Jul1	0752	R. Marti, USA; SS "Cuba...R. Marti". Not listed in Aoki, Eibi nor its schedule, (harmonic 835 x 3?) 2 (LOB).
3310	Jul3	0032	Radio Mosoj Chaski, Cotapachi, Quechua, comments. 2. (Méndez) + (LOB)
3925	Jul4	0945	R. Nikkei 1, J; mx. 1 (LOB).
3945	Jul2	0922	R. Vanuatu, mx. 3 (LOB).
3955	Jun25	2125	Channel 292, Rohrbach U.S. English religious talk 4 (AP-DNK)
3955	July2	2004	KBS World Radio, German nx (Franz Bleeker)
3975	Jun25	2130	Shortwave R, Winsen English ann, English pop song 4 (AP-DNK)
3995	Jun29	2042	HCJB, Weenermoor. G, tks, mx. 1 (CG)
4765	Jul3	0031	Radio Progreso, Bejucal, Cuban songs. 2. (Méndez)
4774.955	Jul2	1007	R Tarma, with music, 1007 with talks by OM in Spanish in an advert -96dbm "R ... on la voz" ?? at 1016 with mysterious exotic music in Spanish or local lang. <b>Better reception in Mendoza Argentine</b> at same level but higher SNR due to the Yagi antenna used. <b>ID</b> at 1022 and then continues with an orchestral feast type music with drums. In Coral with better signal at -83 dbm! Musical folkloric <i>de Yonal Me gusta mas</i> . 1036 with advert "tom paraye amor" with new advert? (sermon I think saying on a Rebecca). A sudden local noise at 1032 adding strong noise for around 5 minutes. Synch adds better listening. Religious program. This is the first time hearing this station relatively clear after long time when the signal was marginally audible here in Greece in the late nights, thanks to the remote LA kSDRs of course/ (Zacharias Liangas)
4775	Jul4	2340	Radio Tarma. Tarma with mx (Wilkner -FL) + (LOB) + (Méndez)
4800	Jun25	2135	Voice of China, Golmud Chinese talk with music 4 (AP-DNK)
4820	Jun25	2140	Xizang PBS, Baiding, Tibet Chinese songs and conversation 3 (AP-DNK)
4820	Jul2	0125	Radio Senda Cristiana, Cotahuasi, Peruvian songs. 1. (Méndez) + (LOB).
4905	Jun25	2145	Xizang PBS, Baiding, Tibet, conversation 4 // 4920, 6110 and 6130 (AP-DNK)
4940	Jul5	0451	Estación 4940, Religious comments, Spanish. 1. (Méndez) + (Wilkner -FL) + (LOB)
4965	Jul5	2003	R. Voice Of Hope Africa, Lusaka, English pop/rock/ballad mx selections, at 2015 religious "Jesus Christ". 3 (LOB) + (Méndez)
4985	Jul5	0448	Radio Brasil Central, Goiania, Brazilian songs. Teletype QRM. 2. (Méndez)
5020	Jul1	0915	SIBC, EE. 2. (LOB).
5025	Jul4	0640	R. Rebelde is not off the air and not unmodulated. Something's not wrong at RadioCuba (Glenn Hauser, OK, WOR) + (Méndez)
5895	Jun25	2150	R Northern Star, Erdal, Bergen English hymns 3 (AP-DNK)
5930	Jul3	2102	World Music R, Bramming. Mx & songs. 3 (CG) + (AP-DNK) + (Méndez)
5940	Jun30	2106	R. Voz Missionária, Camboriú. Rlgs. songs // 9665.000, 11750.030. (CG) + (Méndez)
5955	Jun30	0504	Radio Veronica, Westdorpe, pop, Dutch, id. "Radio Veronica". 2. (Méndez)
5955	Jul1	2047	Sunlite R, Westdorpe. Du, pops, advs. 3 (CG)
5970	Jun25	2115	R 208, Hvidovre English pop songs 4 (AP-DNK)
5995	Jul2	0601	Radio Mali, Bamako, "Au Chant du Coq", African songs, comments. 2. (Méndez)
6010	Jul2	0443	Radio Inconfidencia, Belo Horizonte, Brazilian songs, "Memoria Nacional". 2. (Méndez)
6050	Jun29	-0500*	HCJB, Pichincha, Spanish, religious songs, religious comments, "Especialísimo", "Vida Real en Familia". 2. (Méndez)
6050	Jul2	2006	ELWA Radio, Monrovia, English, religious comments. 2. (Méndez)
6070	Jul7	0508	CFRX, Toronto, comments, news. Strong QRM from Channel 292 on the same frequency. 1. (Méndez) + (Wilkner -FL) + (LOB)

6110	Jul2	2003	Radio Fana, Addis Ababa, East African songs, Vernacular, comments. 2. (Méndez)
6120	Jul4	2015	<b>Radio Blacksmith Knoll</b> , the new licensed short wave station is testing on 6120 kHz from Pori, West Coast of Finland. Ich konnte die Station gestern leise gegen 2015 auf 6120 kHz in Salzburg empfangen. Der Stationsverantwortliche "Mac" Johansson hat mir heute geschrieben, dass ich tatsächlich seine Testsendung aus Pori gehört habe und konnte ein Musikstück meiner Aufnahme identifizieren. Derzeit arbeitet der Sender mit einer bescheidenen Leistung von 25 Watt mit einem Icom IC-7300 Transceiver im AM-Modus. Es ist faszinierend, mit welcher kleinen Leistungen heute Rundfunksignale zu hören sind, auch wenn der Aufwand zum Empfang groß ist. (Christoph Ratzer)
6150	Jul2	0451	Radio Saturno, Belo Horizonte, comments, Brazilian songs. 2. (Méndez)
6170	Jun28	1914	Radio Delta International, Elburg, instrumental music, id. "Radio Delta". (Méndez)
6180	Jul2	2031	Radio Nacional da Amazonia, Brasilia, comments, Brazilian songs. 2. (Méndez)
6185	Jul2	0444	Radio Educación, Ciudad de México, music, id. "Cultura México, Señal Internacional, la onda corta de Radio Educación". 2. (Méndez) + (Wilkner -FL)
7250	July6	1755	RTI, German from Tamsui (Franz Bleeker)
7290	Jun25	0938	RRI Nabire Pro 1, mx. Some understandable pieces. (LOB).
7415	June26	1835	CRI, Persian, same px as 18:15 (Franz Bleeker)
7440	Jun23	-1650*	R. NZ Pacific (p), Rangitaiki. Songs, tks. Closed at 1650, so should be NZL. 1 (CG)
9545	July6	1730	RTI, German from Tamsui (Franz Bleeker)
9600	June23	1400	RRI Romania, German (Franz Bleeker)
9620	June24	1930	Akashvani, sig OK, modulation bad (Franz Bleeker)
9635	Jun29	1738	R.Mali, Kati. Vn, songs. 3 (CG)
9665	Jul5	2106	R. Voz Missionária, Camboriú SC. Rlgs. propag. 3 (CG)
9665.07	Jun29	0650	RVM music S5/S7, again wandering upward (Glenn Hauser, OK, WOR)
9670			After contacting Dave Stuart for harmonic of 4835 on 31mb as heard via the Hunter Valley SDR in the NE Australia. The signal on 9670 is poor with same fades. Here is his reply: <i>Thanks for the report. I normally at this time of year, mid winter in Australia start transmissions at 0500 UTC to cover south eastern Australia on 4835 and 2310 after dark. I was doing some tests and was on earlier and doing tuning adjustments, and i am aware of a harmonic on 9670 was present, about 40db down. Usually when i am on the 9Mhz band is full of stations and the small signal would not be heard, but if early in the afternoon here when the band is clear a very small signal will get through. For transmission times etc go here and also links to a video on the station and the facebook page. <a href="http://Domestic Shortwave Broadcasting Australia v18k (crossbandradio.com)">Domestic Shortwave Broadcasting Australia v18k (crossbandradio.com)</a></i> (Zacharias Liangas)
9700	Jun30	0941	R.NZ Pacific, Rangitaiki. E, pop oldies stories, nx at 1000. 3 (CG)
9818.8	Jun26	0455	Radio 9 de Julho, Sao Paulo, religious comments and songs. 1. (Méndez)
9960	Jun27	1853	Radio Pilipinas, Tagalog (Franz Bleeker)
9960	Jul7	0528	Radio Vanuatu, Port Vila, Bislama, English, comments. QRM from WMRI, The Overcomer Ministry on 9955. 1. (Méndez) + (LOB)
11690	Jul6	1541	Scandinavian Weekend Radio, Vিন্নrant, rock and pop, comments, id. at 1600 "This is Scandinavian Weekend Radio...", id. at 1700, "Scandinavian Weekend Radio, <a href="http://www.swradio.net">www.swradio.net</a> ". 2. (Méndez) + (Franz Bleeker)
11720	Jul6	1859	Scandinavian Weekend Radio, Vিন্নrant, rock and pop, id. at 1900 "From the top of the world, in Finland, this is Scandinavian Weekend Radio..., the address is <a href="http://www.swradio.net">www.swradio.net</a> ", 2. (Méndez)
11750	30/6	2104	R. Voz Missionária, Camboriú SC. Rlgs. songs // 5940.000, 9665.000. 2 (CG)
11780	Jul3	2052	Radio Nacional da Amazonia, Brasilia, comments, Brazilian songs, id. "Radio Nacional", at 2100 "Está no ar No Mundo da Bola", soccer program. 3. (Méndez)
11815.1	Jul5	2104	R. Brasil Central, Goiânia GO. Songs. 3 (CG) + (Méndez)
11995	Jul6	1700	Radio Taiwan International with a 10-minute test transmission in German to Europe from the Tamsui transmitting station. Fair reception. (CB) + (Franz Bleeker)
15579.99	Jul6	1550	"Music Time in Africa" on VOA, the 1505 airing, S9+10/20 into UTwente. One semihour earlier, NO signal direct, not even JBA carrier. Propagation really degraded; presumably still operating this site, but VOA long ago dispensed with any on-air specific site IDs. Casual listener would think they all come from "Washington, DC". Note the offset of this transmitter now, in case that change (Glenn Hauser, OK, WOR)
15700.1	Jul3	2106	World Music R, Randers. Mx & songs. 3 (CG)
15720	Jul4	2137	R. NZ Pacific, Rangitaiki. E, interview. 3 (CG)
15770	June25	0600	Radio Prague, English, news (Franz Bleeker)
17600	Jul6	1501	Ifrikia FM, Bechar, Fench, news, id. "Ifrikya FM, La Voix Africaine", Arabic, comments, african songs. 3. (Méndez)
25800.1	Jun23	0930	World Music R (p), Mårslet. Mx & songs. Unreadable. 1 (CG)

## CLANDESTINE & TARGET BROADCASTING

6250 Jul1 2034 R. Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 2 (CG)  
 6279.9 Jul3 2037 Sound Of Hope R Int'l., unk. site. Mand to CHN, tks. Meas. 6279.878. 1 (CG)  
 Sound Of Hope R Int'l., unk. site. Mand to CHN, tks, jingle (?) at 2100, more tks. Meas.  
 6370 Jul3 2054 6370.000. 1 (CG)  
 6520 Jun25 2051 Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 1 (CG)  
 6970.1 Jul1 2101 Sound Of Hope R Int'l., unk. site. Mand to CHN, tks, songs. Meas. 6970.122. 1 (CG)  
 7720 Jul5 2050 R. Echo Of Hope (cland.), Hwaseong (?). Kor to KRE, western pops, tks. 2 (CG)  
 9120 Jun29 2038 Sound Of Hope R Int'l. (?), unk. site. Mand (to CHN?), tks. 2 (CG)

## VOLMET & UTILITY STATIONS

3330 Jul5 0640 CHU, TS, OM ann. 2 (LOB)  
 6230 Jul2 2108 VMW Marine Weather Station, Wiluna WA. Wx warnings. 1 (CG)  
 6501 Jul2 2210 NMN Chesapeake R, VA. Ocean wx. 1 (CG)  
 6507 Jun25 2048 VMC Marine Weather Station, Charleville QLD. Wx warnings. Vy. faint.1 (CG)  
 6604 Jul1 2150 VFG Gander Volmet, NL. ID, met rpt. 2 (CG)  
 6676 Jul1 1845 ARA Karachi Volmet. Met rpt. 2 (CG)  
 6676 Jul1 2055 AWB Bombay Volmet. Met rpt, s/off ann. 2 (CG)  
 6676 Jul2 2110 HSD Bangkok Volmet. ID, met rpt. 2 (CG)  
 6676 Jul4 \*2230 VKA-930 Australian Volmet, Alice Springs(NT) ? Met rpt. Vy. faint. 1 (CG)  
 6679 Jul1 1853 ZKAK Auckland Volmet. Met rpt. 1 (CG)  
 7906 Jul4 \*2220 XVK Kien Giang R. Ocean wx. 1 (CG)  
 7906 Jul4 \*2235 XVA Ca Mau R. Ocean wx. 2 (CG)  
 8113 Jul2 2106 VMW Marine Weather Station, Wiluna WA. Wx warnings. 2 (CG)  
 8176 Jul2 2104 VMC Marine Weather Station, Charleville QLD. Wx warnings. 2 (CG)  
 HSW Bangkok Meteorological R. Ocean wx, fqs. ann., music box IS at 1900, fqs. ann.,  
 ocean wx. Improving. 3 (CG)  
 8743 Jul3 1855  
 8764 Jul2 2208 NMN Chesapeake R, VA. Ocean wx. 2 (CG)  
 8828 Jul1 1851 ZKAK Auckland Volmet. Met rpt. 2 (CG)  
 10051 Jun26 1853 VFG Gander Volmet. Met rpt. 2 (CG)  
 11387 Jul1 2100 VKA-931 Australian Volmet, Alice Springs NT (?). Met rpt. 2 (CG)  
 12362 Jun30 0947 VMW Marine Weather Station, Wiluna WA. Wx warnings. Via western path. 1 (CG)  
 12365 Jul2 2102 VMC Marine Weather Station, Charleville QLD. Wx warnings. 2 (CG)  
 12788 Jul4 2223 NMG New Orleans R, GA. Ocean wx. 3 (CG)  
 13089 Jul2 2206 NMN Chesapeake R. Ocean wx. 3 (CG)  
 13270 Jun26 1851 VFG Gander Volmet. Met rpt. 2 (CG)  
 13282 Jun28 2121 ZKAK Auckland Volmet. Met rpt. 2 (CG)  
 13282 Jul5 2110 JIA Tokyo Volmet. Met rpt. Vy. faint. 1 (CG)  
 15034 Jul1 1856 CHR Trenton Volmet, NL. Met rpt. Vy. faint. 1 (CG)  
 16546 Jul4 2144 VMC Marine Weather Station, Charleville QLD. Wx warnings. 2 (CG)  
 17314 Jun29 1733 NMN Chesapeake R, VA. Ocean wx. 2 (CG)

### Contributors to the log:

wb, Wolfgang Büschel, DF5SX, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX Glenn Hauser, Enid, OK, USA (also WOR/DXLD) Robert Wilkner, Pompano Beach, Florida, USA Franz Bleeker, Germany CB, Christer Brunström, Halmstad, Sweden Zacharias Liangas, Thessaloniki, Greece	(CG)/(CGS), Carlos Gonçalves, Lissabon/SW Coast, Portugal Ron Howard, Asilomar State Beach, CA, USA, WOR/DXLD Manuel Méndez, Lugo, Spain AP-DNK, Anker Petersen, Skovlunde, Denmark LOB, Lúcio Bobrowiec Embu SP Brasil Christoph Ratzer, Salzburg, Austria
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## Station news

CHINA. [WOR] Chinese Coastal Station in Tianjin Starts Ice Forecast broadcasts for NW Passage shipping  
[https://gcaptain.com/china-starts-regular-sea-ice-forecasts-for-northeast-passage-off-russian-coast/?subscriber=true&goal=0\\_f50174ef03-026954a747-170705871&mc\\_cid=026954a747&mc\\_eid=7566fe6d7c](https://gcaptain.com/china-starts-regular-sea-ice-forecasts-for-northeast-passage-off-russian-coast/?subscriber=true&goal=0_f50174ef03-026954a747-170705871&mc_cid=026954a747&mc_eid=7566fe6d7c)

Klingenfuss Guide to Utility Stations (21<sup>st</sup> Ed.) lists Tianjin (XSV) on **486, 4209.5, 4212.5, 8417.5, 8419, 12581.5, 12583 kHz**. No times given but this would imply more or less regular broadcasts from this coastal site.  
(Bruce Churchill via WOR)

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Subtract 12 hours since BJ is UT+8 and EDT is UT-4  
(Glenn Hauser via WOR)

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<http://news.enorth.com.cn/system/2024/07/01/056952663.shtml>

A translation machine should do a good job there, it's about coastal SSB telephony radio weather and ice conditions from Tianjin (China) to Chinese vessels passing through the Russian side of the Arctic.

No frequency is given in this article, but the two times of the day are - 06:00 and 14:00 UTC.

These Tianjin Radio transmissions premiered on July 1 this year.

Pete Reuderink in the Netherlands got a reply to a report of his on a different transmission of the same station, early this year: <https://petersdxcorner.nl/china/qs1-tianjin-coastal-radio-8414-5-khz/>

(Best regards Franz Bleeker)

### FINLAND. A new SW station in Finland

**Radio Blacksmith Knoll** is the fourth Finnish private SW station. The others are: Scandinavian Weekend Radio, Virrat since 2000, Realmix Radio, Raasepori since March 2024, Radio Piko, Asikkala since May 2024

Source and more information: <https://blacksmith-knoll.blogspot.com/> <https://groups.io/g/nordx/message/5793>

(Kari Kallio)

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*The following is a copy of a blog post:* <https://www.fmdx.tk/new-private-sw-station-in-finland/>

The new licensed short wave station Radio Blacksmith Knoll is testing on 6120 kHz from Pori, West Coast of Finland. The first test transmission took place on June 30, 2024 at 21 UTC (corresponding to the Finnish midnight of July 1st). The licensed power is 25 watts which goes to the 43-meter-long dipole antenna from a transceiver

The license is valid from July 1st to August 6th.

The station announces next transmission for July 1-3 to be: Random test transmissions during the days and evenings. Fine tuning of the system and preparing studio for more controlled schedule.

This goes as long as needed to verify the workings of both the studio and the TX. Several different methods, test tones, music and other audio will be used, some of them very odd ones!

Radio Blacksmith Knoll is the fourth Finnish private SW station. The others are:

Scandinavian Weekend Radio, Virrat since 2000

Realmix Radio, Raasepori since March 2024

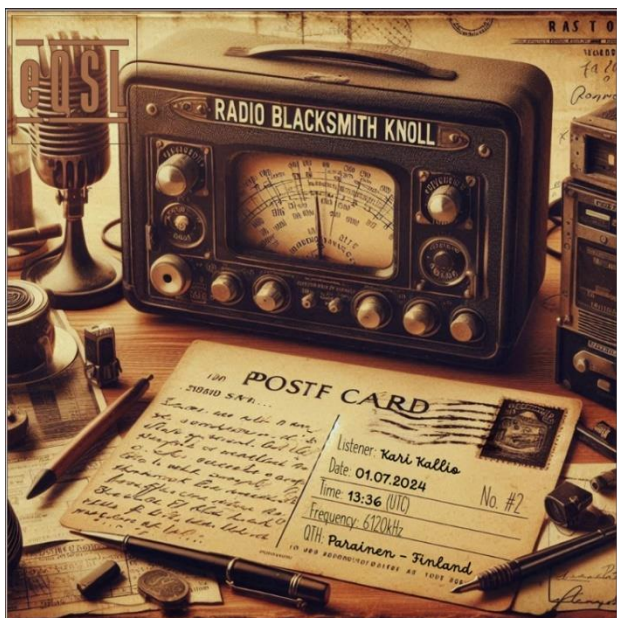
Radio Piko, Asikkala since May 2024

Source and more information: <https://blacksmith-knoll.blogspot.com/>

Jan-Mikael Nurmela, Haaratie 10, 41230 UURAINEN, FINLAND [www.fmdx.tk](http://www.fmdx.tk) [fmadmx.wordpress.com](http://fmadmx.wordpress.com)

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New Finnish private station was observed testing today (1 July 2024) at 13:40 UT on 6120 kHz, going off air at 13:48 UT. Reception was fair to good via a webSDR in Tampere. Programming was in Finnish & English with a bit of orchestral music.

(David Kernick, Interval Signals Online)



### QSL to Kari Kallio:

"Dear Esteemed Listener,

I trust this correspondence finds you well, nestled in the embrace of your radio waves. As the steward of our modest station, I extend my sincere gratitude for your recent reception report—a beacon of clarity that pierces the static-laden ether. Your diligence in tuning frequencies, deciphering signals, and sharing your findings does not go unnoticed.

The information you provided was accurate, a testament to your discerning ear and commitment to the art of radio. Within this electronic missive lies an eQSL card—an emblem of our connection across the invisible threads of the aether. May it serve as a token of our shared passion for celestial communication.

May the airwaves carry whispers of distant lands to your receiver, and may the static never dampen your curiosity. Until our frequencies intersect once more, dear listener, accept my heartfelt thanks.

With warm regards, The Operator"

#2 QSL.. I can only be happy and proud of that QSL that I was given this stroke of luck... Thanks to the sender!  
I have to say that too - Finnish QSLs have already reached a whole new level that we haven't seen anywhere else yet. This much is already unbelievable and true - the whole story  
(Kari Kallio)

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July: Random test transmissions during the days and evenings. Fine tuning of the system and preparing studio for more controlled schedule. These technical test broadcasts are planned to be sent on the hour (but not every hour). **Each broadcast can last anywhere from 5 minutes up to 30 minutes.** Additionally, there may be several short broadcasts in between, composed of different types of bleeps, boops, noise, and random audio.

Our frequency is shared with a strong Chinese station (Xinjiang, PBS XJ) broadcasting from Urumqi-Changji, so during PBS hours our station is silent.

Our planned slot is following:

"Schedule irregular, 18:05 UTC on Weekends (mainly Fri, Sat), random repeats on weekdays"

This goes as long as needed to verify the workings of both the studio and the TX. Several different methods, test tones, music and other audio will be used, some of them very odd ones!

#### **Footnote about the Schedule:**

In the event of QRM, QRN, or a busy slot, we will postpone our initially planned broadcast time to avoid causing unnecessary interference ourselves.

(Kari Kallio)

<https://blacksmith-knoll.blogspot.com/>

<https://blacksmith-knoll.blogspot.com/p/schedule.html>

<https://blacksmith-knoll.blogspot.com/p/program-chart.html>

<https://blacksmith-knoll.blogspot.com/p/contact.html>

<https://blacksmith-knoll.blogspot.com/p/techie-stuff-we-are-fully-licensed.html>

<https://blacksmith-knoll.blogspot.com/p/our-good-friends.html>

(Kari Kallio via nordx)

### **Re: [nordx] Welcome to Radio Blacksmith Knoll – your go-to station for a unique radio**

En pratstund med operatören Marco...

"Hej! Min e-post "ringer" igen, ty många svenskar anmäler. Många av dem tycks använda Arvikas radioklubb Kiwi som referens, ty det är riktigt bra så varför inte!

Nu (4.7.) är det en riktigt dålig tid att lyssna till, eftersom åskan sprakar så illa. Men det här är en så bra grund när vi flyttar in i HF höst och vinter.

Efter alla tester har jag nu fått mer än 35 kontakter, varav 15 är äkta QSL-rapporter, den längst bort från Schweiz (1600km!).

Människor är verkligen en intressant varierande massa av alla slag. Feedbacken har alltid varit ett stort nöje att läsa och en del skickar hela sina livsberättelser, bl.a. herrar över 90 år som sitter vid Kiwierna eftersom i Ålderdomshemmet inte får man ha en egen radioutrustning!

Jag har blivit väldigt rörd när jag läst en del av feedbacken, där vi går tillbaka till tiden då Björneborgs KV-station ännu var en av de ljusaste stjärnorna i norra Europa och hur den användes för att lyssna på inrikes angelägenheter och nyheter på världens hav runt jordklotet...

Jag tror att jag träffade en lite känslig plats i själen med detta äventyr, att nu är jag lite spänd på hur fortsättningen kommer att gå bra - kommer jag att kunna uppfylla alla önskningar och förväntningar som jag har avslöjat nu i uppriktig okunnighet - det återstår att se.

Idag är jag klar med programkroppen som jag ska använda för att göra standardprogrammet. Jag uppdaterade det på stationens bloggsida. De ordinarie sändningarna börjar om 2 veckor, nu hinner jag inte med i helgen, för det återstår mycket testning och arrangemang och nästa helg är det mammas familjekalas, så självklart ska jag inte begrava mig framför radion på den tiden.

Förresten, det är ett roligt fenomen, vad många bifogar med i rapporten, eller snarare försöker ange informationen om låtarna som identifierats med Shazam för rapporten. Det är bara så att musiken som spelas på min station är kanske 1% av vad Shazam kan känna igen, och allt annat är antingen gjort av helt okända amatörmusiker, eller är mitt eget, som jag har gjort med hjälp av AI.

Till exempel, all musik som spelades idag fanns inte ens igår! Det hela har skapats idag dels med egna synthesizerbitar, men också ganska stilfullt datorstöd, där jag har gett maskinen en bas, ramar och någon slags lyrisk kropp, men datorn har skapat slutresultatet.

Men det har varit trevligt att få all sorts post, det har gjort mig glad, även om jag är litet förvånad. Låt oss träffas igen på frekvensen 6120 kHz \*) när vi har tid"

mvh, MAC,

\*) f.d. frekvens av Pori/Björneborg KV-centralen i Bredvik/Preiviiki

(Kari Kallio via nordx)

## Other radio news

### SDR# Big Book in English 2024

This is the English version of the SDR# Big Book by Paolo Romani (IZ1MLL).

Du har tidigare varit inne på info om den ultimata guiden för Airspy. Den har just blivit updaterad. Finns här:

<https://airspy.com/download/>

Även om det är Airspy så finns det en del av allmänt SDR intresse också.

(Hermod Pedersen)

### [A-DX] Ham Radio 2024 setzt starke fachliche Akzente

Sehr geehrter Herr Ratzler,

die Leidenschaft für Amateurfunk verbindet: Über 11.300 Besucherinnen und Besucher aus über 58 Nationen kamen vom 28. bis 30. Juni zusammen, um Funkkontakte zu knüpfen, technisches Equipment einzukaufen und Vorträgen zu lauschen. Neben dem Messe motto „60 Jahre Islands On The Air: Technik trifft Abenteuer!“ (IOTA) standen vor allem die neue Amateurfunkverordnung und die damit eingeführte N-Lizenz im Mittelpunkt des gemeinsamen Austausches und Vortragsprogramms. „Die Ham Radio hat wieder einmal bewiesen, dass sie eine fachgerechte und unentbehrliche Plattform für die internationale Branche darstellt. Ob erfahrene Funkamateure, Neueinsteiger oder junge Technik-Fans: Gemeinsam mit unserem ideellen Partner, dem Deutschen Amateur-Radio-Club e.V. (DARC), haben wir ein buntes Ausstellungsangebot und Rahmenprogramm geboten, das keine Wünsche offenließ“, freuen sich Messegeschäftsführer Klaus Wellmann und Projektleiterin Petra Rathgeber.

(Christoph Ratzler via A-DX Fernempfang)

### [A-DX] HAM RADIO 2024

Back from the Ham Radio in Friedrichshafen this early evening, there is a lot to tell. But first you have to literally digest the prices there. Not at the exhibitors, who all tried to bring good offers, but at the restaurants and hotels. When you pay over 19 euros at a bar table at the trade fair for a couple of "Vienna sausages" with a small potato salad and a cold American soda, you start to wonder whether you have ended up at the Vienna Opera Ball. You must have sweated just as much there. (73 Christoph Ratzler via A-DX Fernempfang)

### [A-DX] Presentation of Perseus22 at the HAM RADIO 2024

The presentation of the Perseus22 at the HAM was a complete disappointment for me. The gentlemen couldn't explain much in bad English. Apart from an FT-8 reception, which was supposedly brought out of the noise, nothing was to be seen. There were many excuses, not a good antenna situation, the software suddenly "hanging up" for which there was no explanation. It was completely different with Aaronia. For an hour we were patiently explained and every question was answered. For example, how the Aaronia data is transferred to the SDR console. Frequency and so on cannot yet be edited on the SDR console, so it is up to Simon to help. A trade fair discount of €1000 was granted for each "receiver" ordered. We still haven't bought it and will wait until the SDR console is ready to use. By the way, Aaronia provides updates almost daily and "lifelong", as well as free of charge, as long as there are no new features. With ELAD and the Perseus, they were proud of 2 measly updates in 6 months.

(Marco Steiner via A-DX Fernempfang)

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ELAD - Perseus 22 was very weak. When I asked whether there would be an API for developing your own software, I was told that in the future the receiver would be able to be controlled via TCP. But that wasn't my question. They also didn't know that the Perseus 22 is the first solution in the world to include a WRTH database. I somehow had the impression that I was disturbing them.

(Christoph Ratzler via A-DX Fernempfang)

### [WOR] BREAKING: VOA May Close Sao Tome and Marianas Relays

According to a source, USAGM/VOA planning to close Sao Tome, and Marianas relay sites. There's been no formal announcement of this as yet by the agency.

I am seeking confirmation and will update when I have more on this. Potential closure of these sites is predictable given the budget crunch USAGM/VOA face and the need to find funds to support relocation of the agency and VOA. It's also quite possible that the agency may dangle this in front of Congress as part of an overall appeal for more financial support.

(Dan Robinson via WOR)

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Marianas: Saipan, Tinian or both?

In case not only the small Saipan station is slated for closure it raises more questions, assuming that the transmitters in the



Philippines remain off limits for Radio Free Asia. It could turn out that Chinese-language radio will finally cease, as it was planned already a decade ago and has long been done by the other big players. At the same time continuing Tibetan and Uyghur radio could be an explanation for keeping the facilities in Germany even when such notable closures of shortwave infrastructure are on the agenda.

(Kai Ludwig via WOR)

### Re: [Perseus-SDR] EMI-hunting

Hello Johan, I don't know which antenna you are using, but the noise from your house will travel over the shield of the coax to the antenna.



What will help is using a common mode choke at the bottom of the mast. Even better connect the shield of the coax to a ground stake at the bottom of the mast. That way the noise is guided to earth. You might add a common mode choke between that point and the coax going up the mast like this:

The ground tap of BNC connector left is connected to a ground stake; the right one connects to the cable up the mast to the antenna.

The core is a FT-140-43 aimed for use at HF.

(73, Roelof Bakker, pa0rdt)

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Hello Johan,

I spotted that you are using Epcos-TDK toroids.

This CMC has been made with two stacked Epcos-TDK B64290L0043X038 toroids. The cable is RG-174. The inductance is 18 mH and it is effective down to



VLF.

If there is no need to feed power for an active antenna over the coax cable, it is funny to note that an Epcos SMD CMC wired as rf-isolating transformer works as well at

VLF.

(73, Roelof Bakker, pa0rdt)

### [UDXF] AI approaches noise filtering

<https://ournetplace.com/rm-noise/>

#### *Introduction from their website*

*The RM Noise project uses AI with the goal of removing noise from SSB voice or CW radio signals.*

*The AI has been trained using noise recordings which are often unique to each setup and location.*

*The client program sends the radio's noisy output to the AI servers, and the servers remove the noise in real-time and return the audio back to the client for listening.*

-----  
I come here to share a significant discovery for radio enthusiasts, especially for those who, like me, deal with unwanted noises from household appliances, electrical networks, and other interferences.

Thanks to the advancement of artificial intelligence, developers have decided to incorporate this incredible technology into the realm of amateur radio and listening. Essentially, a neural network, through real-time correlations, identifies the noise base in a transmission and separates the useful part, currently limited to voice and Morse Code (CW), not yet functional for digital modes. Using phase inversion techniques, the system effectively eliminates background noise, similar to what high-quality headphones can achieve.

By applying this technology to radio listening, I have achieved surprising results, especially during the night when the noise is more pronounced. Attached to this text is an example recorded in the morning, capturing a brief conversation between fishing boats off the coast of Brazil. Observe the significant improvement in relation to the noise level, which was around S6 on the 12MHz band. It is important to note that, as it is still an artificial intelligence in constant training, the filter is not fully refined to 100%, and there is room for improvement. However, so far, I am extremely satisfied with the results achieved.

The image below shows a comparison of the three audios by Audacity. Note the continuity of voice peaks and the significant selective reduction of noise, something not so common in conventional radio DSP filters or even in software like SDR Console, which has good HF filters but lacks the selectivity of artificial intelligence to distinguish what is useful from noise. The red line delineates the noise range in the signal amplitude domain.

While I am not an expert, I recognize that there are individuals in this group with deeper knowledge. It would be interesting to share your insights and knowledge on the subject. I am not part of the software development group and am not commercially promoting it, but since the software is free and accessible to everyone, I believe it is worth experimenting with.

I forgot to mention, but as the filter operates through direct audio input and currently lacks CAT support, it is possible to connect even handheld receivers like Tecsun and Xhdata. I also tested it with my Xhdata, and the results are absolutely comparable to using an SDR.

Download link for the filter: <https://ournetplace.com/rm-noise/>

Ah, one last thing, apologies for my limited English. If you can overlook it, I would appreciate it.  
(Lucas Alexandre - PP2LA - PP2033SWL Goiânia, Brasília, Brazil, via udx)

Video at: <https://ournetplace.com/rmnoise/rmnoise-demo1.m4v>

## Etwas für die Radio-Philatelisten

Mal wieder etwas für die Radio-Philatelisten: Der Fernmeldeturm Saarbrücken war dem Saarland zum Tag der Briefmarke am Ausgabetag 6. Mai 1956 diese Sonderbriefmarke zu 15 Franc wert. Michel-Katalognummer: 369 / Postfrisch

(Reiner Schneider via A-DX Fernempfang)



## [WOR] Libro PDF: 70 años de la TV en Colombia 1954-2024

From: Yimber Gaviria <[dxreport@yahoo.com](mailto:dxreport@yahoo.com)>

👉 "Conoce cómo llegó la televisión a Colombia y su impacto en la sociedad. Un libro imprescindible sobre su historia y transformaciones."

"En la noche del 13 de junio de 1954 sucedió lo que un año atrás parecía impensable en Colombia: se inauguró la televisión."

📄 Download 📄 <https://bit.ly/45BpYjM>

[www.senalmemoria.co/articulos/television-70-anos-libro](http://www.senalmemoria.co/articulos/television-70-anos-libro)

(Zacharias Liangas )

## [WOR] Boletín del Radio Club Uruguayo - Boletín CX 822 / 22 Junio 2024 /Fundado el 23 de Agosto de 1933.

📄 Download 📄 <https://www.cx1aa.org/boletines/Boletin%20CX%20822.pdf>

(Zacharias Liangas )

## Remote Controllers by QRO.cz with code by DM5XX

Es ist ein Hobby im Hobby, der Betrieb einer Remote-Station. Wer sich mit dem Thema **Remote-Steuerung** beschäftigen möchte, findet hier im Hamparts\_shop eine wirklich gute und umfangreiche Zusammenfassung der Möglichkeiten und ihrer praktischen Umsetzung mit Hard- und Software. (Christoph Razer via A-DX Fernempfang)



## technical REMOTE BASICS

On this page you will find an overview of our products with their parameters, comparisons and examples of use. **Two people are behind these products: hardware - Jan OK2ZAW/QRO.cz brand and software - Mike DM5XX.**

The concept of all our controllers is the same. The controller contains simple code with only

basic functions and all the rest of the logic and functions are in the web interface, which is stored on our server and is regularly maintained. Adding new functions is thus completely independent of the user. **The user does not have to upload any new code to the controller. Just refresh (CTRL+F5, Command+R) the web page.** It is also possible to program a custom web interface without having to intervene in the controller code.

**Remote control of our controllers is possible in three basic ways:** the Classic User Interface (UI looks like the RF controller front panel), Beam Map UI (user generated Azimuthal Map with control buttons) and finally other elements like Stream Deck, NodeRed etc

**In our UIs you can easily change many things** like colours, font sizes, button labels etc. You can also group buttons into a switch (one of X).

More info here: <https://hamparts.shop/blog/remote-controllers-by-qroc-z-with-code-by-dm5xx.html>

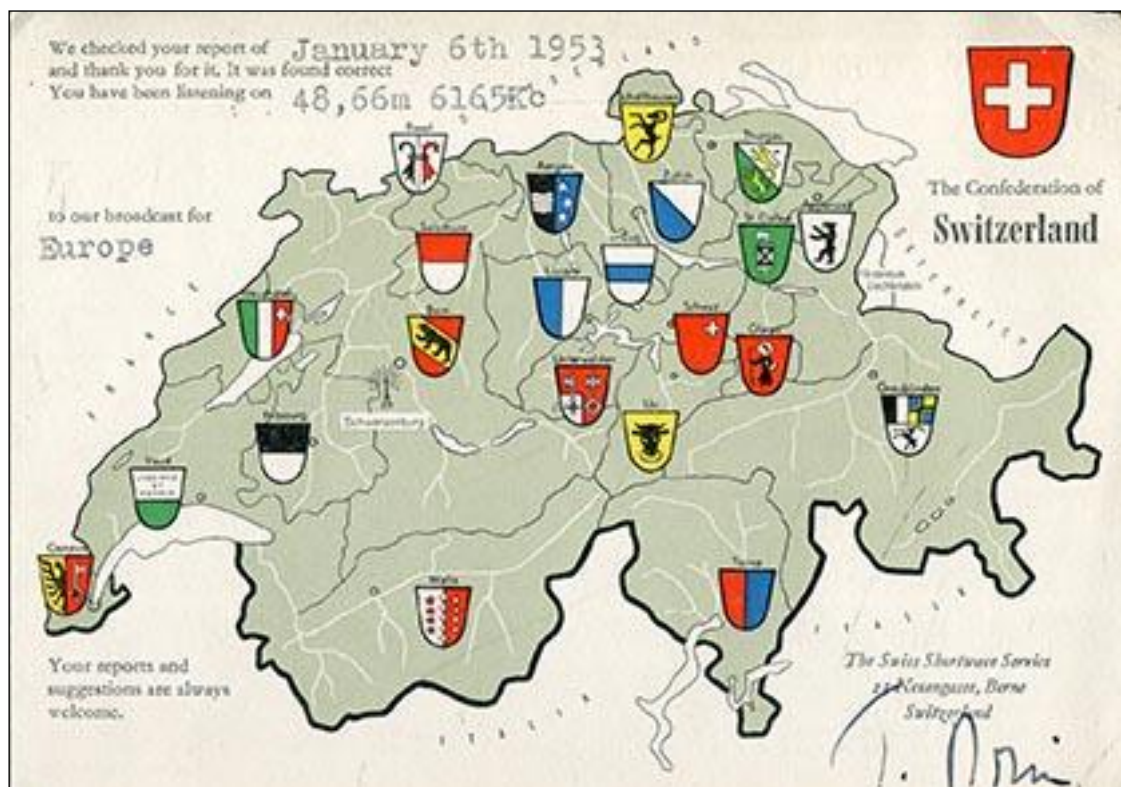
## DX nostalgia by RFK

The old man sat before his computer, his eyes glazed with nostalgia as he drifted back to the bygone days of his youth. Settled in his comfy armchair, he clutched a steaming mug of coffee, steam wafting up as he gazed at the screen. His mind wandered, lost in reverie of his early DX-ing days, the radio receiver his lifeline to a world far beyond his rural backyard. The frequencies had carried with them promises of adventure, each static-laden voice calling him forth to a vast, unexplored realm. A grimace creased his features as he recalled how, over the years, the unyielding march of progress had smothered the distant echoes that once filled his ears. Man-made interference—the hum and buzz of electrical appliances, the harsh pops and crackles from switched power units—had reduced his thrilling escapades to mere whispers.

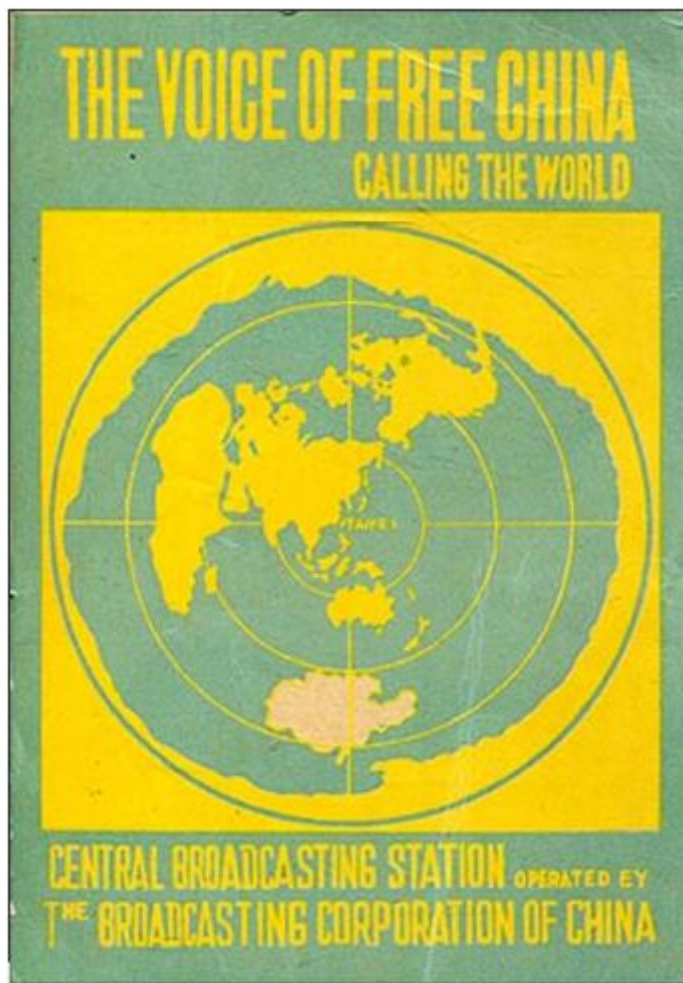
Suddenly, alone and pining for the magic of those days, his brow furrowed as he surfed the web aimlessly. A chance encounter with a website, <http://kiwisdr.com/public/>, made all the difference. The discovery electrified him, providing a direct line to the glorious past where the airwaves held secrets and wonders. Through free Kiwi receivers worldwide, many of them located in Sweden and Scandinavia, he was able to receive radio signals over the air! With a satisfied smile, he accepted the reality that though the method had evolved, the essence remained the same. A nostalgic chuckle escaped his lips as he considered this "somewhat longer headphone cable." It was a minor inconvenience for the wealth of possibilities now at his fingertips.

The revival of the hobby filled him with warmth. He savored the allure of distant voices streaming through his computer, the memories of long-lost DX surging back tantalizingly close. He discovered totally new stations. While browsing his old collection of QSL cards and letters in their dusty binders, the prospect of sending out reception reports and continue building his QSL collection ignited a fire within him. This new chapter, unencumbered by the constraints of the past, seemed ripe with potential. In this moment, as he immersed himself in the present and recalled the days of yore, he marveled at the remarkable, ever-evolving journey of radio exploration. It was a journey he would continue, embracing the past while venturing into the future.

Yes, my friends, don't despair. Even in today's interference-polluted world you can do some DX listening! You can revive the good ol' days. Your old QSL cards make for wonderful nostalgia but you can also continue building your collection. Here is a 1953 Swiss QSL card from the collection of Bengt Ericson BE.



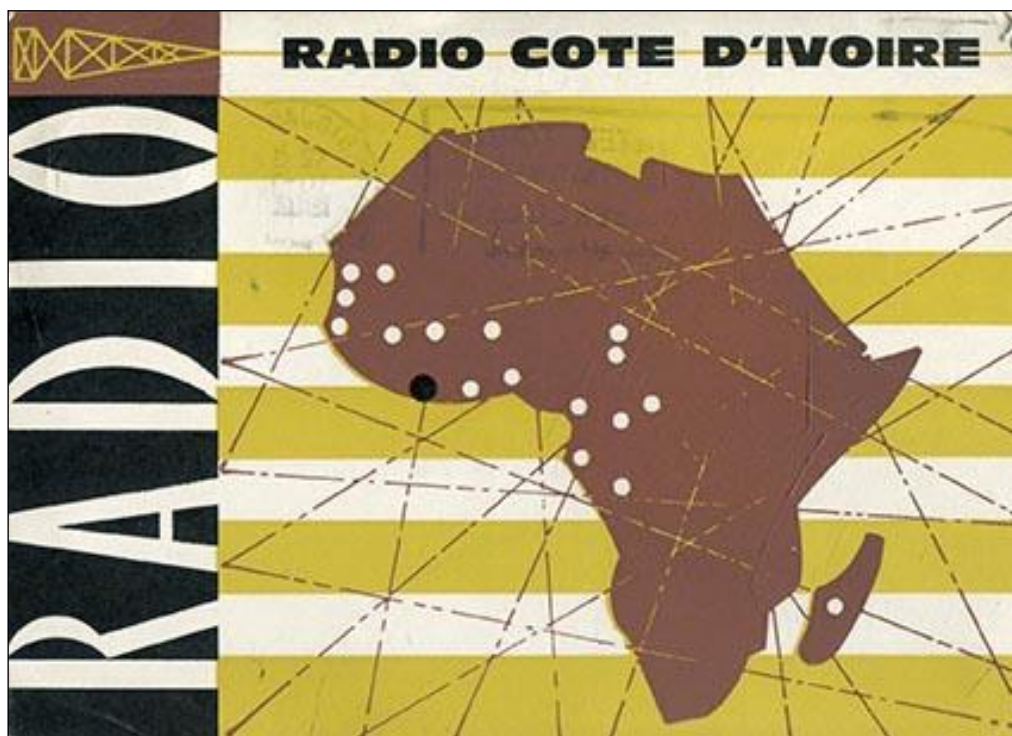
The next QSL card was received by Lars Rydén LR in 1954. At the time the station was known as the Voice of Free China, today Radio Taiwan International. They do still verify reception reports.



CFRX Toronto, ON 6070 kHz is a private Canadian station still on the air, relaying CFRB 1010. Bengt Dalhammar BD received this QSL card in 1955.



There was a time when virtually every African country had their own SW services. This card is from the collection of Jan Edh JE who reported the SW station of the Ivory Coast in 1961.



At last we have a card from one of the most common Brazilian stations on SW despite its low power. Ullmar Quick UQ received this QSL card in 1954 and it was scanned by John Ekwall JOE.



You are always welcome to contribute to DX nostalgia. Please mail me at [info@rock.x.se](mailto:info@rock.x.se) if you want to share something with us. Take care and stay safe, 73 & GOOD DX!