

# SHORTWAVE BULLETIN

Issue no. 2009, Aug 21, 2022

Deadline e-mail next issue: 1000 UTC, Sept 4, 2022

I have got a few suggestions for changes in the log, like edit harder.

I have already started to just make one log and crediting all signatures there.

In WRTH there is a special section for Clandestine Broadcast. From now on I will use the same approach and have a special section for those stations. So all of you, please mark those stations with (cland).

I hope those changes will make it easier to find the logs you are interested in.

As you can see to the right another of our former members has passed away. Lars Henningsson was active in the 60'ies. RIP.

Hope there will be more activity now when it gets darker and there will be more time to spend in front of your equipment.

As always SWB needs more input.....

Keep on ....

=====

Editor:

Thomas Nilsson

E-mail:

[thomas.nilsson@ektv.nu](mailto:thomas.nilsson@ektv.nu)

## SWB-info

SWB info:

Dateline Bogotá 1993-1998:

SWB latest issue/archive:

<http://www.thomasn.sverige.net/>

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

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

## QSL, comments, etc.

**John Ekwall:** Bortgångarna duggar tätt detta år - denna gång är det **Lars Henningsson** (Hejan-Backaryd) som avled den 9 juli. En annons var införd i min lokala tidning i lördags. Han blev 82 år gammal. Jag fick kontakt med hustru Ingrid som berättade att han hade Alzheimer och var på ett äldreboende de sista 2 åren. Jag och Hasse Mattisson träffade Lasse hemma på Årsjövägen 2014 vilket föranledde HM att skriva en artikel för MVE - se nedan.

Jag har pratat med Hasse om Lasses bortgång och han nämnde att han hade skickat ett julkort i december. Själv så skickade jag epost i oktober men fick inget svar och förklaringen var ovanstående - Alzheimer och äldreboendet.

### Från MV-Ekot 55-2:

Celebert besök Lars Henningsson, f.d. Hejan, Backaryd åter på hemmaplan Hasse Mattisson Med den äran till JOE John Ekwall, numera Backaryd sedan ett par år tillbaka, tillskrives till 100% den stora äran att ha "funnit" Lasse just i Backaryd på semester med sin familj.

JOE har "deckat" ett tag med detta och till slut lyckats spåra denne klassiske DX-räv. Var till en början mycket aktiv i den klubb TORS DX-CLUB, Olofström, Blekinge där jag bl a var huvudredaktör för publikationen DX-Bladet fram till dess död i september 1960! Likaså en stor ära för mig att JOE lyckades få fatt i Lasse då jag första-gångs-besökte JOE i sin villa i Backaryd en solig eftermiddag i juli. Då fick jag för första gången se och hälsa på den så tidigare flitige medlemmen i Tors DX Club, sedermera även ARC. Tore, du har säkert årtalen i din liggare?

LH Lars Henningsson var inte med alldeles från start, men kom med i ARC under senhösten 1960, kanske efter Tors DX Club's sorti? Lars var sedan medlem t.o.m. säsongen 1963-64.

Lars med John resp Hasse tänka sig efter nära 60 år få träffa sina gamla medlemmar!! Som sagt än en gång med den stora hedern och äran till JOE för detta deckarjobb!!

LH är nu bosatt och stadgad i Stockholm som fortfarande aktiv elektriker men försöker visst trappa ner nu vid 74 fyllda!! Var lumparkompis med Roland Andersson, då Olofström, också Tors DX Club och redaktör i DX-bladet. Oj så mycket vatten som runnit under broarna sedan dess!!

/Hasse Mattisson

**Horacio Nigro CX3BZ, Uruguay (via WOR):** Chilean broadcasting celebrated its 100 anniversary on August 19th, 2022.

Various activities were held commemorating the anniversary. Among them, a video produced by Modoradio.cl, that recalls the best moments, with exclusive and unpublished recordings. Conduction and production of the program, by Nicolás Eduardo López. The narrative is in Spanish. <https://youtu.be/r9G76yYiKxs>

**Ron Howard** (via WOR) Fifty years ago (1972), I can remember my excitement at receiving my first Chilean QSL:

QSL front - <https://bit.ly/3ABSSCu>

QSL back - <https://bit.ly/3PC1bCI>

Ron, This was my only QSL from Chile for many years until La Voz came along much

later - RCW and R Triunfal Evangelica are real challenges these days and pretty much unheard outside of S. America... (Bruce Churchill via WOR)

-----  
R Triunfal Evangelica was also heard here in Sweden in March 2017. I checked the frequency for several days and one day I was lucky to hear a weak station. Normally I never send reports but this time I made an exception and a few days later came a verification by mail from Honorable Director Sr. Obispo Fernando González Segura. One of my best catches ever on SW. (Thomas Nilsson)

**Ronny Forslund:** Covidperioden verkar vara över, livsandarna återvänder så sakteliga och i takt med att kvällarna blir allt mörkare vaknar också DX-lusten som legat i träda ett tag. Men nu är det dags att ta nya tag! Runt månadsskiftet bär det av till Hälsingtorpet för antenn- och vedjobb med mera samt inte minst DX-ing.

## Log

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

The latest ones direct: [https://www.w4uvh.net/ghlogs\\_2022\\_0811\\_0817.txt](https://www.w4uvh.net/ghlogs_2022_0811_0817.txt)

Previous issue: [https://www.w4uvh.net/ghlogs\\_2022\\_0804\\_0810.txt](https://www.w4uvh.net/ghlogs_2022_0804_0810.txt)

### Important log links:

**WOR:** <https://groups.io/g/WOR>

**SWLDXBulgaria News:** <https://groups.io/g/WOR/messages>

**WDXC Top News:** <https://www.wdxc.de/topnews.shtml>

**DXplorer:** <https://groups.io/g/DXplorer/messages>

**Liangas:** <https://zliangaslogs.wordpress.com/2022/> (mostly using KIWI's around the world)

**Pirates:** <https://shortwavedx.blogspot.com/2022/>

3310	Aug15	2222	R.Mosoj Chaski, Cochabamba. Quechua, tks, mx. 2 (CGS)
3975	Aug13	2028	Shortwave Gold, Winsen. E, chatter. 3 (CGS)
3985	Aug11	1903	Shortwave Sce., Kall-Krekel. G, tks. 3 (CG)
4747	Aug15	2340	R. Huanta 2000. Music. 4. (Claudio Galaz, Barraza Bajo, Chile)
4750	Aug13	1833	Bangladesh Betar, Shavar. Hindustani songs. 3 (CGS)
4765	Aug9	1905	Tajik Radio, Dushanbe, Tajik comments. W. (Méndez)
4810	Aug9	0957	R. Logos - Chazuta, Tarapoto, San Martin. Andean flute music, anncts 1000 and possibly news. Almost continuous LA pops from around 1012 with very few anncts. Started off weakly but strengthened by 1020. Best listening in LSB due to the booming STANAG on 4810.5 kHz. Gone by 1055. Tough listening and rarely heard here these days - first time this year! (Wagner - Aus, [WOR] NASWA Flashsheet items, August 14)
4835	Aug14	1346	"Shortwave Australia," is now being heard daily; am very impressed with the signal here, which I find better than the more powerful Radio 4KZ; normal programming around 1230+ UT is EZL songs and instrumental music (soft, slow tempo, generic type music - attached audio is of piano music from today [Aug 17]), with occasional announcers; often heard running past 1400 (today 1415+). Usually the songs are very generic and non-descriptive, but today at 1346, was clearly able to make out Diana Ross with "Do you know" (theme from "Mahogany"). (Ron Howard, California)
4885	Aug10	0500	Radio Clube do Pará, Belém, Radio Bandeirantes news, "Na programação da Bandeirantes", "Radio Bandeirantes". W. (Méndez) + (CG)
4940	Aug10	0503	Unknown relaying Fuerza de Paz, religious songs and comments. Spanish. W. (Méndez)
4949.8	Aug13	2036	RNA-Canal "A", Mulenvos. Songs. 2 (CGS)
4955	Aug15	2349	R. Cultural Amauta. Man talks in quechua. 2 (Claudio Galaz, Barraza Bajo, Chile)
4965	Aug13	1835	Voice Of Hope, Makeni Ranch. E, rlg. propag. 2 (CGS) + (Méndez)
4985	Aug12	2133	R.Brasil Central, Goiânia GO. Songs. // 11815.073. 3 (CGS) + (Méndez)
5020	Aug17	1159	Hi Richard Langley, Wish you all the best for your vacation! Was also listening to SIBC today. Recently they have been running past their usual 1200* UT. Yesterday (Aug 16), heard their National Anthem 1159-1200 and then immediately started non-stop songs till cut off at 1305* UT. So every day is a different cut off time. (Ron Howard, California)
5020	Aug20	0911	SIBC, 0911-1001. Better than normal due to the wonderful absence of Cuba on 5025; pop songs (Toni Braxton - "Un-Break My Heart," etc.); 0915-0930, sounded like preaching (unreadable); more pop songs and commercial announcements (mobile service, etc.); 1001, cal-lieo music intro to the news. So nice to find Cuba off the air! (Ron Howard, California)

- 5025 Aug20 1031 R. Quillabamba (presumed). Cuba came on with very strong signal at \*1106; Peru heard with weak signal; non-stop announcer with a few sound bites; too weak to be able to confirm the language. Believe this is the first time for me to be hearing this one! (Ron Howard, California)
- 5050 Aug18 1505 Beibu bay with news in English at 9820 it has QRM from Business radio and 1510 with music. Much better on HK SDR (Liangas)
- 5055 Aug9 -1104\* Radio 4KZ. Noted cut off at 1104\*; while Aug 14, at 1103\*; so every day the timer automatically goes off about 5 seconds earlier than the day before. (Ron Howard, California)
- 5915 Aug15 2237 ZNBC-Radio 1, Lusaka. Vn, songs. 2 (CGS) + (Méndez)
- 5930 Aug16 0447 World Music Radio, Bramming, pop & Latin American songs, id. "World Music Radio". F. (Méndez)
- 5938.4 Aug15 2239 R.Voz Missionária, Camboriú SC. Natl. nx magazine A Voz do Brasil. // 9664.970 rtd. 2249. 3 (CGS)
- 5955 Aug10 0510 Sunlite Radio, Westdorpe, pop songs, id. "Sunlite". F. (Méndez)
- 5980 Aug14 1641 R.NZPacific. E, tks. 1 (CGS)
- 5985 Aug14 1130 Myanmar Radio. The xmtr here is back to normal schedule (no longer on 9730, past 1200 UT); with this frequency starting approximately 1130 (strong CRI QRM 1130-1158). (Ron Howard, California)
- 5995 Aug16 0610 Radio Mali, Bamako, African songs, French, news, comments, program "Au Son du Coq". F. (Méndez) + (CGS)
- 6005 Aug12 1834 Delta Radio International, Elburg, pop song, id. "Radio Delta", English comments, from 1900-1930 strong QRM from Radio Taiwan International via Kostimbrod with French program, QRM again at 2000 from Tadio Taiwan with Russian program. F. (Méndez)
- 6030 Aug12 1817 Radio Oromiya, Addis Ababa, Vernacular, comments. W. (Méndez)
- 6050 Aug14 -0500\* HCJB, Pichincha, heard after closed Algeria on the same frequency, national anthem and closed. F. (Méndez)
- 6070 Aug11 0514 CFRX, Toronto, Canada, English, advertisements about Ontario, comments, news. Channel 292 out of the air today. F. (Méndez)
- 6070 Aug15 1902 Channel 292, Rohrdorf. E, pops, ballads. 3 (CGS)
- 6140 Aug14 0610 Radio Onda, Borculo, pop songs, id. "Vous écoutez Radio Onda". F. (Méndez)
- 6180 Aug11 2030 Radio Nacional da Amazonia, Brasilia, Brazilian songs, comments. // 11780. F. (Méndez)
- 6185 Aug10 0435 Radio Educación, Ciudad de México, Latin American songs, theatre play. W. (Méndez)
- 7110 Aug12 -1801\* Radio Ethiopia, Geja Dera, Vernacular, comments. F. (Méndez)
- 7245 Aug13 0935 R.NZPacific, Rangitaiki. E, songs, tks. Deteriorating fast. 2 (CGS)
- 7254.936 Aug20 0626 Voice of Nigeria is back! I have been checking for it every night after 0600 so am sure this is the first date reactivated. S9+10/20 undermodulated in presumed Hausa on signature skewed frequency. My last previous observation: ``7254.9v, July 12 at 0635, NO signal from VON nor has there been for several weeks, checked almost every night after 0600; nor have I seen any other reports about this, nor other possible frequencies 9690-, 11770-, 15120 being heard at any hours.`` Before then it had been sporadic: you never knew whether it would be on after 0600 or not. I had not logged it assiduously so unsure when it last appeared. Originally had three transmitters, but two of them already collapsed. 7255- would sometimes be on before 0600 with musical prélude and neat drumming IS. Nominal sked was 0600-1100 including English 0800-1000; and 2000-2100 per Aoki. 15120 might also appear evenings in DRM. 11770- was also previously scheduled at 1500-2100 including English at 1630-1900, but Aug 20 at 1620, none of it into Canary Islands SDR, just JBA on-frequency from presumed PBS Xinjiang, Urumqi, East Turkistan, land of imperialist ChiCom genocide against Uyghurs and other Moslems (Glenn Hauser, OK, WOR)
- 
- 7254.933 was traced little late at 0606 on Aug21. Checked 0545 to 0604 time slot, but empty channel traced, then checked 9690v and 11770v kHz channels too. Hausa service at 0606 - 0700 again on air, but very low 5% audio modulation to state. S=7-8 signal noted on SDR unit in Rochester NY-USA, but no reception in Europe, much low signal propagation path in 41 mb towards Europe. (Wolfgang Büschel via HCDX)
- 7260 Aug15 -0559\* Radio Vanuatu, Port Vila, comments, male, female, Bislama, English, unreadable comments. Heard at 0520 when closed Vatican Radio on the same frequency. At 0530 QRM from Voice of American on 7265. (Méndez)
- 
- Radio Vanuatu - Am happy to find they are now giving frequent IDs as "Radio Vanuatu, Vois Blong Yumi." They continue to have decent reception on 11835 (3rd harmonic of 3945). IDs & weather audio attached. (Ron Howard California) + (Méndez)

7425	Aug16	0020	NHK. ID: "This is NHK, Radio Japan, Tokyo..." , then in Japanese. Loop ID! . . 4 (Claudio Galaz, Barraza Bajo, Chile) ----- NHK has one broadcast on 7425 already, HFCC today, via France: 7425 2030 2100 (Glenn Hauser)
9550.1	Aug12	2147	R.Boa Vontade. Rlgs. propag. Adj. QRM. // 11895.300. 2 (CGS) + (Méndez)
9615	Aug18	0734	NHK with possibly football program. Man with very lovely voice and enthusing music. Antenna connection problems after 0735. (Liangas)
9665	Aug14	2028	R.Voz Missionária, Camboriú SC. Rlgs. propag. & songs. 3 (CGS)
9730	Aug18	-1209*	Myanmar Radio cut off today at 1209* (1159-1200 clear of any QRM); while // 5985 was already on the air by 1129. (Ron Howard, California)
9818.8	Aug14	2026	R. 9 de Julho, São Paulo SP. Tks, songs. 3 (CGS) + (Méndez)
9835	Aug18	0711	RTM Sarawak. Suddenly changes to 9836.73 on 0711 today it aired with Malaysian songs S9 level on PHL kSDR . Seen also the same in Bandung SDR. Bassy audio. Still on the new frequency at 0905. (Liangas)
9836.77	Aug18	0822	Sarawak FM was on 9836.77, but checking from 0840+ to past 1317, found on the usual 9835.0. This was first noted by Rob Wagner in Australia, on June 28 - <i>"I've just been listening to it [Sarawak FM] on 9835. Suddenly, it hopped up to 9836.77 at 0042, then returned to 9835 two minutes later. Still some TX adjustments being made, perhaps!?"</i> (Ron Howard, California)
9840	Aug18	1453	VoV talks in Indonesian, but seems as poor Strong QRM from CNR 9830 (Liangas)
11665	Aug18	0716	Wai FM has an inner echo of 500ms delay of very low level. 0716 good signal (Liangas)
11815.1	Aug14	0652	Radio Brasil Central, Goiania, Brazilian songs, identification song "Radio Brasil Central, Goiania..." , "Madrugada Musical". // 4985. F. (Méndez) + (CGS at 2030)
11895.3	Aug12	2146	R.Boa Vontade. Rlgs. propag. Adj. QRM. // 9550.1129. 2 (CGS)
15189.9	Aug11	2000	Radio Inconfidencia, Belo Horizonte, id. "Rede Inconfidencia de Radio..." , program "A Hora do Fazendeiro". F. (Méndez)
15475.98	Aug10	1445	RCUSB, tune-in via Buenos Aires remote, LRA36 already on with music prélude, nice reception better than usual, S8/S5. 1500 sign-on with quadrilingual ID including English that this is in Spanish; in Ciclo Radial 2022, staff list; 1502 Antártida themesong; 1505.5 general clima info including winds up to 200 kph. Talk about another base founded in 1947, Melchior, like about it here: <a href="https://en.wikipedia.org/wiki/Melchior_Base">https://en.wikipedia.org/wiki/Melchior_Base</a> and info about research during the 1957-58 IGY, which was really a sesquiyar. 1511 ID as "Radio Arcángel San Gabriel, su compañía". 1512 finally the YLs start chatting live on this the 15th program of 2022, with guitar background, for today's date Wed 10 August, and admit they were not on last Wednesday but Friday instead; when no one? checked for it, was it at 1500 UT or as once before then, 1800 on Friday? Something about another base in Orcadas, temp minus 8. 1517 phone numbers and all the other contact info. 1520 violin & keyboard music. 1525 canned ID with another catch-phrase, "Nacional, nos une"; this-week-in-history starting with 8 August. 1532 contact info again, but chopped off air at 1532.5*, never to return by 1545 when my first hour on the SDR times out. This keeps happening: why don't they turn it back on? Maybe no one notices (Glenn Hauser, OK, WOR)
15720	Aug10	2101	R.NZPacific, Rangitaiki. E, nx, sports nx, Pacific nx. 3 (CG)
17690	Aug16	1453	the OSOB and consequently the SSOB 16m, in Chinese, partly other language?, S7/S9 until 1500* timesignal and off. HFCC shows 14-15 is USAGM in Bod dialect of Tibetan, 100 kW, 77 degrees from Lampertheim, Germany, but I think this be CNR1 jammer, perhaps from E Turkistan site. Aoki shows VOA Tibetan *jammed. WWV reports: "Solar-terrestrial indices for 15 August follow. Solar flux 131 and estimated planetary A-index 6. The estimated planetary K-index at 1500 UTC on 16 August was 1. Space weather for the past 24 hours has been moderate. Radio blackouts reaching the R2 level occurred. Space weather for the next 24 hours is predicted to be minor. Geomagnetic storms reaching the G1 level are likely." (Glenn Hauser, OK, WOR)
25800	Aug12	1810	World Music Radio, Marlest, pop songs in English and Latin American songs, id. "WMR". F. (Méndez)

#### CLANDESTINE

3910	Aug13	2030	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Better on 15/8, 2045. 2 (CGS)
3930	Aug13	2032	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Better on 15/8, 2045. 1 (CGS)
3990	Aug15	1904	R.Echo Of Hope (cland.), Gyengi-do. Kor to KRE, tks. Improving, rtd. 2 at 2050. (CGS)
4885	Aug15	1853	R.Echo of Hope (cland.), Nowong-gu. Kor to KRE, tks, piano mx. Jammed. Better prior to 2100 despite QRM de B too. 2 (CGS)
4890	Aug13	2034	R.Echo of Hope (cland.), Nowong-gu. Kor to KRE, pops, tks. Jammed. 3 (CGS)
6230	Aug11	2049	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. Occ. adj. uty. QRM. 1 (CG)

6250	Aug15	1851	R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks, piano mx. 3 (CGS)
6255	Aug13	1819	R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 2 (CGS)
6340.2	Aug15	1855	Sound Of Hope R Int'l, unk. site. Mand to CHN, mx, tks. 1 (CGS)
6355.1	Aug15	1900	R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 2 (CGS)
6520	Aug13	1831	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 2 (CGS)

### 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) Claudio Galaz, Barraza Bajo, Chile (Wagner – Aus, [via WOR])	CG/CGS, Carlos Gonçalves, Lissabon, Portugal Manuel Méndez, Lugo, Spain Ron Howard, Asilomar State Beach, CA, USA, WOR/DXLD Zacharias Liangas, Thessaloniki, Greece
---	--

## Station news

**AFGHANISTAN.** This week's `Frontline` on PBS, dated August 9, ``Afghanistan Undercover`` is an inside look on Taliban mistreatment of women, well worth watching entirely, but starting about 30 minutes into, a segment on a women's radio station still on the air -- but of course, run by men. Can't find it in WRTH 2022. Saw an 89.8? go by:

<https://www.pbs.org/wgbh/frontline/documentary/afghanistan-undercover/>

<https://www.pbs.org/wgbh/frontline/documentary/afghanistan-undercover/transcript/>

``Under the Taliban, around half of Afghanistan's media outlets have closed, but in Faizabad, Radio Sada-e-Banowan, the Voice of Women, was still on-air...`` (Glenn Hauser, OK, WOR)

**CUBA.** Probably due to rolling blackouts, several **RHC** and relay frequencies are missing, August 9 at 2346: 13650 CRI and nothing else on 13 MHz; August 10 at 0000, no 5990, 6000, 9650, 9710, 11850, 11880, 11950 nor anything on 15 MHz.

These RHC Spanish are on after 0000 August 10: 11670, S8/S9; and 11760, S4/S6, both undermodulated.

6165, August 9 at 2359, RHC `English` already on at S9/+20 but \*still\* horrible modulation like amplified whispering with a very narrow audio bandwidth. The Other Side:

DIARIO DE CUBA Society --- Cuba is a Maleconazo (and this time a raft crisis won't solve the problem) --- In just two weeks some 30 cities and towns in 13 Cuban provinces have turned out to protest...

José Luis Reyes, Madrid 08 Ago 2022 - 15:19 CEST [https://diariodecuba.com/cuba/1659964758\\_41466.html](https://diariodecuba.com/cuba/1659964758_41466.html)

(Glenn Hauser, OK, WOR)

### INDIA. AIR World Service, Moitree Channel

0600-1430 0030-0900 594 kHz

1530-0000 1000-1830 594 kHz

What is the Moitree Channel about? Presumably the 1000 kW transmitter at Chinsurah. Apparently a name given to children, but what does it mean here? It's the last entry on the linked page, in the field otherwise occupied by languages. Is it then a language?

(73, Glenn Hauser)

-----  
'Moitree' is a Bengali word which means 'friendship'

The channel is a unique venture of All India Radio and is aimed at strengthening ties between the two neighbours, India and Bangladesh.

Channel's uniqueness lies in sharing of content between Bangladesh Betar & Akashvani Maitree It is a common platform for participatory content creation for listeners in India and Bangladesh Primary aim of the channel is to strengthen cultural, economic, political & emotional bonding between the two neighbours.

The Language is Bengali.

(With best regards, Alokesh Gupta via WOR)

**UKRAINE [non].** (7730), catching up on `Ukraine: Security Issue` from web instead of WRMI at 0500: for Aug 17, day 173? accented fast-talking OM. Russia lost more than 44K personnel. Crimea turned into military base, lots of explosions by Ukrainian counter-offensives, ``de-militarization of peninsula``. More bridges destroyed in Kherson region. Relatives reported disappeared. Abducted a journalist, fate unknown. Russia fires up to 800x a day on Ukrainian targets. Few Russians want to fight in Ukraine, so ``recruiting`` in Uzbekistan, Tajikistan, Kyrgyzstan, and trained on Chechnya.

For Aug 16, Day 174, by accented YL, including: railway connexions suspended in southern Ukraine; explosions in Crimea, now military base instead of tourist destination; could take a sesquimonth to liberate part of Kherson region. Russia actively using Belarusian territory for attack on Ukraine. 24 Aug is Ukraine's independence day when increased shelling is expected; be prepared for air raid sirens. Russia launched more than 22,000 strikes of which only 300 landed on military facilities. Kremlin enjoying keeping the world in tension. More danger at Zap. nuclear plant. Only an "iron curtain" can save us from Russia.

(Glenn Hauser, OK, WOR)

## Other radio news

### [nordx] Fallskärmshoppare fast i en av Sölvesborgsmasterna...

Fallskärmshoppare fast i mast utanför Hällevik – sitter 57 meter upp

En fallskärmshoppare har fastnat i en hög mast utanför Hällevik på fredagsmorgonen. En stor räddningsstyrka är på plats. Fallskärmshopparen upptäcktes av allmänheten som ringde till 112 strax efter klockan 9. Enligt SOS Alarms pressinformation är nio av räddningstjänstens fordon samt två ambulanser på väg till platsen i närheten av Björkenabben i Sölvesborgs kommun.

Skadeläget är ännu oklart. Enligt flygräddningscentralen har hopparen fastnat i en mast och sitter fast 57 meter upp i luften. En helikopter från Kristianstad har precis anlänt till platsen.

– Det kommer nog vara stökigt där en stund, för det kommer att vara komplicerat att få ner hopparen, säger pressansvarig Lisa Mjörning på flygräddningscentralen.

(Lennart Deimert via nordx)

### [WOR] Fw: [UKQRM] LED lamp hacking

I've come across a YouTube channel where the guy pulls apart cheap electronic goods to see how they work and how safe they are. It's: bigclivedotcom ( <https://www.youtube.com/c/Bigclive> )

From a QRM point of view his work includes a number of LED lights:

Tesco lamp with weird circuitry twist ( <https://www.youtube.com/watch?v=pIDg9O82c34> )

Can we hack a Livarno GU10 LED lamp? ( <https://www.youtube.com/watch?v=R6EiQLcQFLU> )

Hacking Kodak lamps ( <https://www.youtube.com/watch?v=wsOf3gDl15w> )

Inside a new Philips ultra-efficient LED lamp (with schematic) ( <https://youtu.be/nMc6mjE9Y1s> )

I wrecked B&Q's biggest LED lamp then bodged a repair ( <https://youtu.be/Hcztjhy16GM> )

Hacking an extra trashy Poundland LED lamp (with schematic) ( [https://youtu.be/5HTa2jVi\\_rc](https://youtu.be/5HTa2jVi_rc) )

Dollar tree VS Poundland LED lamp and hack ( <https://www.youtube.com/watch?v=YeWnHnZ-ojw> )

ASDA 12W (100W) LED filament lamp teardown. (with schematic) ( <https://youtu.be/t3HpPikRDeY> )

Most of these videos show the circuit of the lamp and names its controlling chip - this could be useful if anyone wants to hack a bulb to reduce its noise output.

(73, Keith Lockstone, M0KIL via WOR)

### [nordx] Dagens aforism

Det sägs: "Tyskarna uppfann raketer och amerikanerna uppfann kärnkraften och kärnvapenbomben.

Ryssarna spionerade på dessa uppfinningar för sina egna syften, som de alltid gör.

Ryssarna själva säger att Marconi uppfann nog radion, men Aleksandr Popov uppfann ändå störningar..!"

(Kari Kallio via nordx)

### [WOR] IRCA Reprints update

The International Radio Club's Reprints collection of over 1000 articles about antennas, radio propagation, receivers, accessories, plus items of general interest to MW DXers, continues to grow.

We've published an update to the index, at [https://www.ircaonline.org/editor\\_upload/File/reprints/irca-reprint-index.pdf](https://www.ircaonline.org/editor_upload/File/reprints/irca-reprint-index.pdf) so that everyone can get access to these latest additions.

The latest update is dated June 2022 and includes items from DX Monitor up to the end of 2021 as well as items of interest from elsewhere, used with permission. Added items in this update are marked "(NEW)", plus there are a few updated articles as well.

Please pass on this information to others as you see fit, and if you see any errors or problems, please let me know.

(best wishes, Nick Hall-Patch, Aug 17, IRCA iog via WOR)

### [WOR] A fascinating article

<https://www.bellingcat.com/resources/2022/02/11/radar-interference-tracker-a-new-open-source-tool-to-locate-active-military-radar-systems/>

Although not HF related, this is still a fascinating article on geolocating radar locations from around the world. 73, (Walt Salmaniv via WOR)

### [WOR] Astonishment of people`s attitudes toward Remote SDRs

Hi Glenn, I'm 100% in agreement on what you wrote about people`s attitudes towards remote SDRs experiences, somehow delegitimizing what someone else is doing differently. I think it`s a pride thing, which is ingrained in the spirit of competition that's gone on for a hundred years. Our equipment upgraded, antennas got better, operating skill improved and knowledge amassed. As long as we state how we`re using SDR, WHO CARES? So if you're one of those who constantly has to compare, then compare apples to apples; it`s your prerogative. But come on, now, you don't know my circumstances. I appreciate your accepting the way I use or express this wonderful hobby we all enjoy. 73 and good DX, however you do it. Gary Pence / km5x [Dallas, who DXes exclusively with remote SDRs] (Gary Pence via WOR)

### [WOR] Radio Kahuzi DRC Status



For some time now, the Christian missionary station Radio Kahuzi which broadcast on shortwave from Bukavu in the DRC, has been off the air. As everyone in the SWL community recalls, Radio Kahuzi could often be heard in the hour or so before it's closedown time at or just after 1800 UTC on 6,210.10 khz.

Radio Kahuzi, run by Richard and Kathy McDonald, faced a number of challenges, including obtaining funds on an ongoing basis to sustain its broadcasts, as well as technical challenges in DRC.

Information received from the McDonalds makes it clear that more time will pass before the station returns to the air or finds another way to resume serving its audience in the region. And the McDonalds add: "Unless the Lord or someone Comes-Along-Side -Again, as has happened so many times in the Station's History!"

(Dan Robinson via WOR)

### NY BOK OM MIN BARNDOM OCH UNGDOM I KRISTINEHAMN VID MITTEN AV 1900-TALET

Som gammalt "djurgårdsgli" älskar jag min hemstad i förskingringen. Som ett resultat av detta har boken Lyckliga gatan kommit till. Den är rikt illustrerad och har sin tyngdpunkt i mina upplevelser i stadsdelen Djurgår'n men gör sina avstickare i tid och rum. Ett avsnitt handlar till och med om den globala dx-ingen, världsradiolyssning. Även läsare utanför den här stadens krets som vill veta mer om mitt tidiga liv eller miljön i en svensk småstad för 50-80 år sen kan ha intresse av boken.

Du som vill ha Lyckliga gatan - cirka 182 sidor - bör göra en beställning till mig. Du kan ta kontakt på Facebook messenger eller skicka ett mail till [veriori34@gmail.com](mailto:veriori34@gmail.com)

De uppgifter jag behöver är namn och adress, telefonnummer och antal ex.

Boken skickas sedan från förlaget efter utgivningen.

Du får en källa till nostalgi och oväntade upplevelser, också en perfekt presentbok till gamla och unga kristinehamnare plus andra intresserade. Priset beror på antalet exemplar som trycks men beräknas bli max 200 kr plus frakt.

Förläggare är Sten Slottnér i byn Vike söder om Kristinehamn. Han residerar i det hus som inrymde min första skola som lärare 1957-59. Cirkeln är alltså sluten!

Beställ boken nu för att säkra utgivningen!

(Ullmar Qvick)

### Yandex has launched a technology for automatic voice-over translation of live broadcasts in its browser.

This is stated in the message received by AdIndex. While the technology is in open beta testing mode, it is used to translate broadcasts on YouTube channels from a playlist.

"The next step is to translate streaming broadcasts and videos not only on YouTube, but also, for example, on Twitch. We taught neural networks to translate broadcasts in English, German, French, Italian and Spanish. Next, we will add new pairs of European languages, as well as Chinese, Japanese and others," Dmitry Timko, head of the Yandex and Yandex Browser application, quotes the press service.

Several neural networks are working on simultaneous video translation: one recognizes audio and turns it into text, another determines the gender of the speaker by biometrics, the third places punctuation marks and selects parts from the text that contain a complete thought - they are taken by the fourth neural network responsible for the translation, which is synthesized in Russian.

Any Yandex Browser user can test the technology on their computer.

Yandex announced a prototype of automatic video translation in July last year. Then the technology worked only with videos in English.

<https://www.radioportal.ru/news/internet/yandeks-brauzer-perevedet-na-russkiy-youtube-translyacii>

(RUS-DX #1198)

## **RAO is demanding more than 1 million rubles from Radio Energy Belogorsk for violating Russian law.**

The Arbitration Court of the Amur Region received a lawsuit from the All-Russian public organization "Russian Authors' Society" against the company to recover compensation for violation of the exclusive rights of authors of musical works. The statement states that on October 6, 2021, the defendant on the radio channel "Radio Energy Belogorsk" broadcast to the public 26 musical works included in the repertoire of the Russian Open Society, in the absence of a license agreement. The fact of non-contractual use of musical works was recorded by the Federal State Unitary Enterprise "Main Radio Frequency Center". By illegally using the results of intellectual activity, the organization violated the right of authors / copyright holders to receive royalties, the press service of the court reports.

RAO asks the court to recover from the company for each used piece of music compensation of 20,000 rubles, as well as 520,000 rubles for their subsequent distribution and payment in favor of the right holders.

(PRO\_FM / Telegram)

(RUS-DX #1198)

## **Virtual museum and reference book "Domestic technology of the twentieth century".**

*Detector radio receivers.*

Since 1936, the detector radio receiver of the "DX-2" type has been produced by the Moscow Khimradio plant. Structurally, the radio receiver "DH-2" is made in a wooden, painted box. The electrical circuit is mounted on the top panel on the inside of the box. Fine tuning to the wave of the broadcasting station is carried out by a variable capacitor, and coarse tuning by switching the turns of the coil of the oscillatory circuit. There is an antenna connection switch. Diode external, type "DS". Headphones are high-resistance or piezoelectric.

Photo: D.N. Guryanova, Mytishchi and from the site <http://www.odlr.ru/>

Photo - [http://rw6ase.narod.ru/00/rp\\_det/dx2.html](http://rw6ase.narod.ru/00/rp_det/dx2.html)

(<http://www.rw6ase.narod.ru/>)

(RUS-DX #1198)

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

Look for the red "New" under "DX History-I/Stations/Countries/Australia" and you will find a Radio Australia program schedule from May 1954. Note the various Sunday entries for "Australian DX-ers Calling," which is believed to have been the first program that we would recognize as a DX program. It commenced broadcast in July 1946, with DX editor Ernest H. Suffolk at the helm, and it was on the air continuously until October 1977.

Under "Specialized Resources/Wavescan," we have added five new audio-only episodes to the list: (1) "Lighthouse Radio in Australia" (Wavescan N698, July 10, 2022); (2) "The Radio Scene During the 1937 Flood in Cincinnati, Ohio" (N699, July 17, 2022); (3) "PBS in the Philippines on Shortwave" (N700, July 24, 2022); (4) "2CM in Australia—The Very First Broadcasting Station in Australia" (N701, July 31, 2022); and (5) "American Radio Stations in New Zealand—the 1ZM Story" (N702, August 7, 2022). And the Wavescan script has replaced the audio entry for N697, "We Return to the Early Radio Scene in the Canadian Province of Manitoba [CJCG, CJNC, CKY]," July 3, 2022). *Thanks to Adrian Peterson for all of these.*

## **Re: [Perseus-SDR] Remote desktop software**

It is understandable to be opting for free software, in which case I really do not have anything to recommend. I think with your platform requirements you'd be better off with paid software. Teamviewer has/had a modestly priced entry level offer. Like others here I use Splashtop which offers a 10-device license for USD 99/year and a 2-device license for USD 60/year. Currently I have 9 devices connected.

A side note on restarting PCs - or redundancy.

Most if not all pro RD systems are very reliable. But you *may* want to consider a back-up in case anything goes wrong. It may be the Windows-native RDP, or a free, basic RD program, doesn't even need audio, to get the remote system up and going. I set up Chrome remote desktop for that purpose once, but I don't think I ever needed it. The downside of CRD is that after some time, you need to reconfigure the setup, both local and remote.

Guido mentioned Sonoff. They are great devices if your remote PC hangs. You simply cut the power, wait a bit, and reconnect. Two requirements: The remote PC BIOS must have enabled auto power-on after power-off (the default setting is usually disabled), and your Sonoff app must be able to "talk" to the device, which requires a wifi router at the remote site. Maybe there are ethernet Sonoffs as well, I don't know. I have a couple of PCs which occasionally will not start properly after a restart. Removing power and reconnecting have always solved these issues.

With laptops, things do get more complicated. And of course, if the router fails...and consumer-grade routers will fail occasionally. I have set up my remote TP-Link router to reboot once every 24 hours. This routine has completely solved connectivity issues for the KONG HQ team.

(Bjarne Mjelde Blog: [arcticdx.blogspot.com](http://arcticdx.blogspot.com) - Twitter: @Arcticlistener)

-----  
Splashtop is well worth considering! I'm very fond of it. And I run it on all my ten PCs, on my iPad, iPhone and iMac. There is a cost, but being an exTeamviewer I'm quite happy indeed with the cost/performance. I find Splashtop rock steady and the audio is fine as is its agility. Fair overhead, to be altered too.

I have used AnyDesk too here, but there are safety issues to be read about in the press.

Is there btw such a thing as a free lunch?

(I run mainly Perseus native, Jaguar Pro and Win4Icom with WSJT-X)

Still another way to rock the boat:

To repower my remote Asus-router and the fiberbox I use a 'GSM remote control socket'.

I send a text message to it to repower my setup and occasionally to check whether the fiber link is malfunctioning - or is it the mains?

Works flawlessly and comes in handy instead of travelling 500 km return trip after a thunderstorm or a moose attack.

Not better than Bjarnes reboot circuit but different and works just fine here with my way of 24h remoting. Seldom used, but good to have and to know its there.

(Greetings to y'all, Göran Norstedt, SM7IYM)

-----  
I can't stop appreciating Bjarnes suggestion for using Splashtop.

It's by far the best and more stable. I use the pay version and it is worth any dollar. Now audio may flow from two sources at the same time, excellent as I have two remote Perseus in different locations.

(Rocco Cotroneo, Brazil-Italy)

## ECOPHONE EC-1A COMMUNICATION RECEIVER

Introduced by Hallicrafters after WWII ended, this general coverage communication receiver provides band coverage from 55 to 30 MHz. Has a beat frequency oscillator, standard automatic noise limiter, self contained speaker. Six tubes.

Coverage: 0.55 - 2, 2.2 - 7, 8 - 30 MHz, AM/CW, ANL, speaker suspended under the top-panel, bandspread, the EC-1B is nearly identical to model EC-1A.

Both are updated versions of the EC-1, the EC-1A uses the more conventional and more expensive dual-control variable capacitor. An early ad for the EC-1A in the January 1946 Radio News features Hogarth (see the EC-1) dreaming about it.

The Hallicrafters S-41G (gray) and S-41W (white) are electrically and mechanically identical to the EC-1A with the main differences being color and knob style and were produced in 1945 just prior to the introduction of the S38.

(Annonsen från FB "Gamla DX-are och andra radiointresserade")

More info at: <http://www.geojohn.org/Radios/MyRadios/EC1/EC1.html>



**Echophone trafikmottagare**

**Modell EC-1A modern 6-rörs allström trafikmottagare**

med elektrisk bandspridning. Frekvensområden, 550 kc/s —30 Mc/s. Beatoscillator för C W mottagning. Automatisk störningsdämpare. Kalibrerad grovinställning med mikrometeravläsning. Inbyggd P. M.-högtalare. Kompletta byggsats inkl. alla delar och rör monterade och spolarna trimmade.

**Kr 240:— netto.**

Leverans kan ske i slutet av februari.  
Beställ redan nu! — Beskrivning sändes på begäran.

**NATIONAL RADIO**  
Målargatan 1, Stockholm

## Russia has blocked the Swedish Radio website.

The blocking of the website of the Swedish Radio (Sveriges Radio) was carried out by Russia, reported on August 16 on the SVT TV channel. Sveriges Radio CEO Silla Benkö said the Russian blocking of radio was expected and is not the first time... Details in Russian - [https://onair.ru/main/enews/view\\_msg/NMID\\_83894/](https://onair.ru/main/enews/view_msg/NMID_83894/) (Onair.ru) (RUS-DX # 1199)

## Problems of informing people, a country called Russia.

The aggravation of the international situation, the military operation in Ukraine and the blocking of Russian information channels clearly showed the need to resume broadcasting on long and medium waves, as the only means of delivering information to the population in the destroyed and de-energized areas of hostilities. Currently, wireless telecommunications and mass media are moving to ever higher frequencies, mastering the ranges of decimeter, centimeter, and now millimeter waves. This applies to television, radio broadcasting, including satellite, broadband Internet access, cellular communications ... Details in Russian - <https://ruslan-r3tgl.livejournal.com/4826.html>

(Ruslan Chabiev / <https://vk.com/club3877182>)

(RUS-DX # 1199)

## River vessels and radio communications. Video in Russian - 10:14

Beautiful views of the Volga River and motor ships and of course river radio communications.

<https://www.youtube.com/watch?v=bvJEdWTqeg0>

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

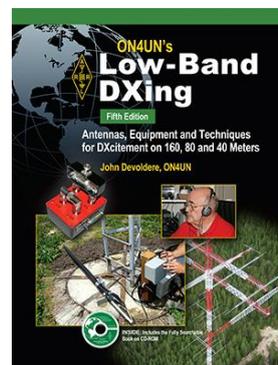
(RUS-DX # 1199)

## ON4UN's LOW-BAND DXing

Den mest omfattande boken som finns kring teori och praktik kring radiokommunikation för de låga banden dvs 160 till 40 meter. Innehåller "allt". Kommer med CD med text och andra värdefulla mjukvaror för att göra egna beräkningar. Ett måste för alla som gillar köra DX på låga banden.

Ett standardverk utan like! Även om har tidigare upplaga så är denna ordentligt reviderad med det senaste rönen.

<https://dxsupply.com/amatorradio/bocker-kartor-dxcc-listor-mm/on4un-low-band-dx-ing/>



## GELOSO SA, MILANO

**Geloso**, founded in 1931 by [John Geloso](#), was an Italian manufacturer of radios, televisions, amplifiers, amateur receivers, audio equipment and electronic components, that had headquarters in Milan, Viale Brenta 29.

In 1931 they began to produce not only Radio sets but also, by choice of John Geloso same, most of the electronic components with which they were built, and over time developing and patenting also many others.

After the Second World War, Geloso expanded and expanded his production, becoming from 1950 onwards a real point of reference for domestic electronics enthusiasts and hobbyists.

The many products under the brand name Geloso were known throughout Italy and much appreciated abroad. It was innovative products, high quality, well-made and the low price. The big production was formed of radios, amplifiers, tape recorders, televisions, boxes of assembly, professional laboratory instruments etc. but also components such as capacitors, resistors, potentiometers, switches, connectors, transformers, microphones, etc.

More about the Geloso story, see: <https://www.qsl.net/i0jx/geloso.html>

<http://air-radorama.blogspot.com/2016/10/ricevitore-geloso-g4220-rilevatore.html>

## GELOSO G4/220



Superhet with RF-stage & IF 1900 kHz

8 tubes

Dimensions (WHD):

390 x 190 x 270 mm Weight 9 kg

Frequency coverage (mHz): 0,53-1,6; 2,2-6; 6-9; 9-13,8; 13,5-20,6; 20,5-30,5.

Price in first year of sale:

769.00 DM

The receiver is immune to image frequencies over the entire reception spectrum thanks to the high Intermediate Frequency value chosen (even if this solution brings a modest broadening of the Intermediate Frequency bandwidth).

Other defects such as intermodulation or cross modulation are also almost non-existent.

The G4 / 220 was presented in the Geloso Technical Bulletin No. 107 of summer 1968.

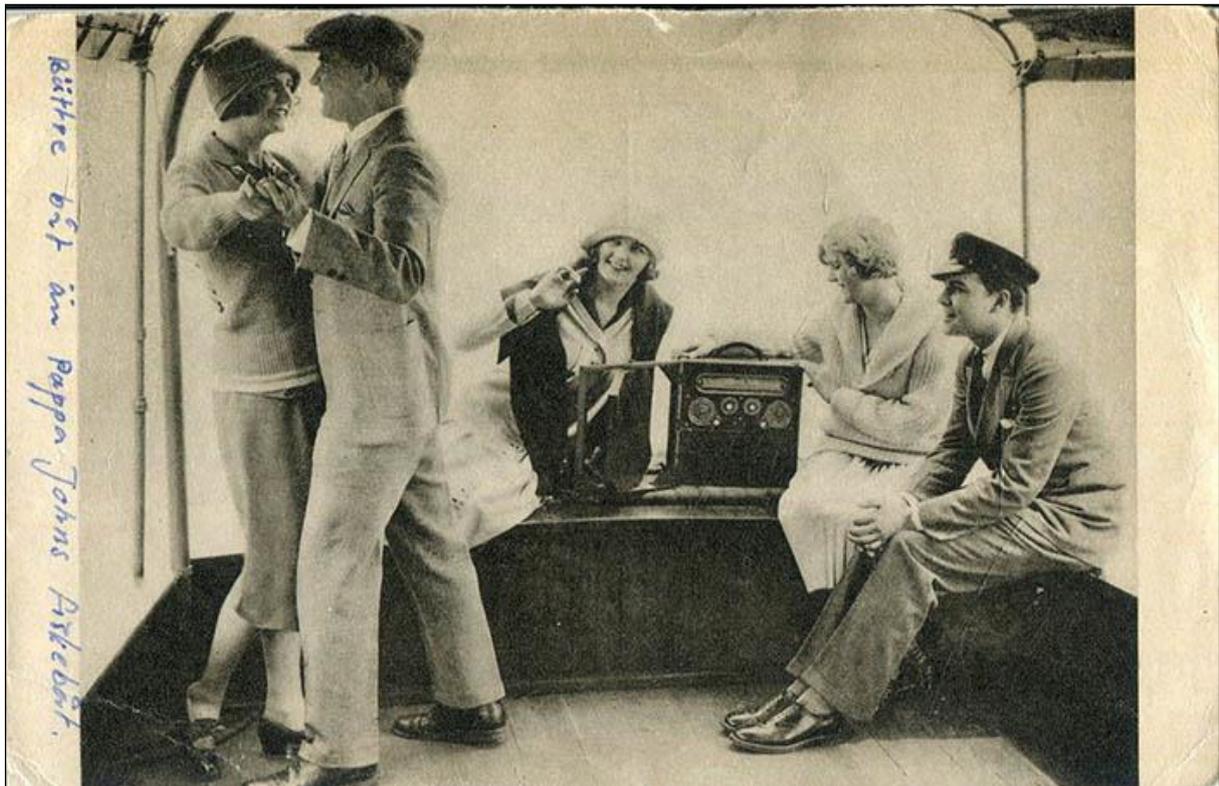
The economic price, at present and by virtue of its not easy availability, is high enough for a tube receiver; but since it is a project of the Nota Casa, object of desire of many collectors, well designed and well built, characteristics that alone justify the cost, it is to be considered a still valid product. For the record, I also remind you that some details of changes to the appliance, made by the GELOSO company after publication in the Geloso Technical Bulletin No. 107, are not included in the original wiring diagram. In any case, the wiring diagrams of the G4 / 220 of both the 1st and 2nd series are attached to this exhibition.

Text from <http://air-radorama.blogspot.com/2016/10/ricevitore-geloso-g4220-rilevatore.html>

## DX nostalgia by RFK

Hello all! It seems like the covid has left for now as my latest test was negative which I found positive. Will we ever see this pandemic as nostalgia, telling we experienced it? No, I'd rather focus on more pleasant memories. The vaccinations seem to have functioned as the corona period was not as bad as expected – but bad enough. The worst thing was the total lack of energy. But now everything is more or less getting back to normal.... Or is it? We still have this maniac Vlad keeping up his 'special operation' in Ukraine. Many Ukrainian operations in the occupied parts of the country are reported to have caused big material losses for the occupants. The nuclear power plant at Zaporizhzhia is still being occupied and naturally we are all thinking about what could happen if the plant was directly attacked.

I'd like to think we will all be able to get back to a more peaceful time, like in this postcard from the collection of Olle Alm OA. It shows 'dance on board with music from an American portable radio in 1925'.



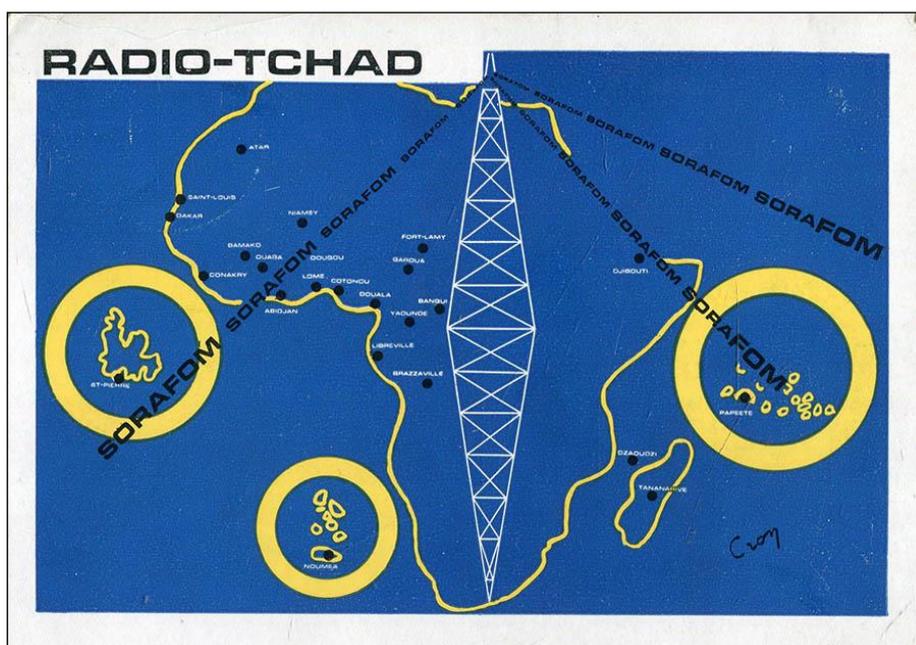
It seems like 'The Roaring 20's' was a quite nice period, at least for some. In just a few years time after this photo was taken, The Great Depression would hit the USA. After the Depression would follow war. From having been a source of entertainment and information our friend the radio would now be used for more sinister purposes. Instead of spreading happiness it would spread propaganda, hatred and even terror. Which brings me to a film which may be of interest: The Voice of Terror.

In this 1942 film an underground radio station is beaming broadcasts into England under the name of The Voice of Terror. It is supposed to be in the hands of the Nazis and tells about upcoming actions of terror against Great Britain – and all these terror actions actually happen. The authorities have been unable to find the station and find out who's behind it. What to do? Of course, when nothing else helps you call Sherlock Holmes!

Did you know that Sherlock Holmes didn't only play fiddle but was also a keen DX-er? Well, here is the proof. He had a receiver installed in his Baker Street apartment and here he is analyzing the signal from The Voice of Terror by an oscilloscope, with Dr. Watson watching. The film The Voice of Terror should be of interest both for fans of Sherlock Holmes and radio buffs. It can be viewed at <https://www.youtube.com/watch?v=IfJdSL2HvXs> if you can stand the ad breaks.



From the world of film back to radioland. African stations belonging to the SORAFOM network all had similar looking QSL cards and here is one which Olle Alm received for his reception report of December 12, 1961 to Radio Tchad. The frequency was 4904,5 kHz and the power 4 kW.



Last time we showed a special QSL card which were sent to those reporting the special Radio Syd broadcast transmitted by Cable & Wireless in Gambia in connection with the Nordic DX Championship. The national station Radio Gambia had their own station on 4820 kHz. It was also operated by Cable & Wireless, using the moderate power of 3,5 kW so it was by no means an easy catch. Olle Alm reported the station in early 1968.

Radio Gambia,  
Independence Drive,  
Bathurst,  
Gambia, West Africa.

.17th January.....1968

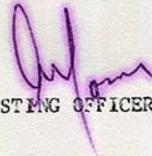
Dear Listener,

RECEPTION REPORT.

Thank you for your Reception Report dated..27th December.1967...  
According to the contents of your Report, I have to confirm that the  
Station you heard was Radio Gambia.

2. Radio Gambia started operating since 1st May 1962. It is at present on the air from 17.10 to 20.30 hours GMT 5 days a week - Monday to Friday - on a frequency of 4820 Kilocycles per second in the 60 metreband.
3. Our transmission is done for us by the Cable & Wireless Ltd. using a transmitter of 3½ Kilowatts, but the operation of the Studio and the production of the programmes are the responsibility of the Broadcasting Officer. Most of the programmes are recorded locally and produced by Gambians.
4. In addition to the local programmes, the BBC World News Bulletin is relayed at 18.00 and 20.00 hours GMT, and a small use is made of BBC, C. O. I. and U.N. tapes.

Yours sincerely,

  
BROADCASTING OFFICER.

..Olle Alm, Esq.....  
..Annelusgatan 4.....  
..Göteborg, S.....  
..Sweden.....

To end up this edition of DX nostalgia here is yet another African catch from the collection of Olle Alm. The Voice of Kenya was easily heard in the 60 metre band and they verified by colourful aerogrammes. Olle received this one in 1970 for a report on 4804 kHz. My friends, you are always welcome to submit some material for inclusion in this column. It can be scans of QSLs, pennants, radio memorabilia, clippings, whatever.... Please mail me at info @ rock.x.se if you want to contribute to DX nostalgia. Take care, stay safe and GOOD DX!



P.O. BOX 30456,  
NAIROBI

**MINISTRY OF INFORMATION AND BROADCASTING**

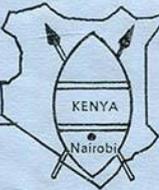


Telephone: 29211  
Telegrams and Cables:  
"VOKENG" Nairobi.

QSL

**VOICE OF KENYA**

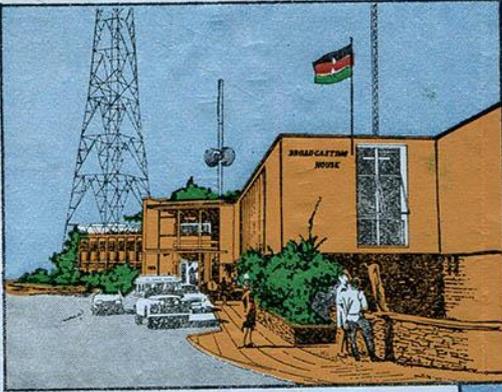
**FROM THE STATION ON THE EQUATOR**



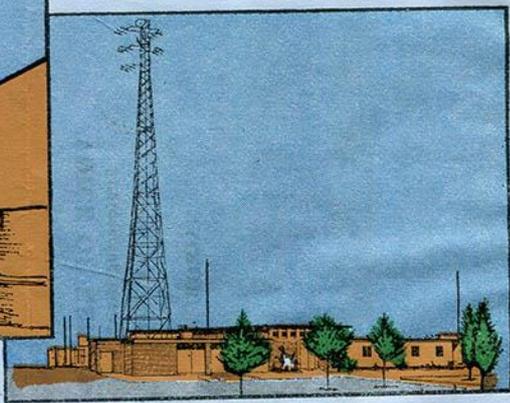
Ref. No. ENG/m/8vol.iii/31                      Date 9<sup>th</sup> September 1970

We confirm with pleasure your reception report of our transmission in Swahili on the 22<sup>nd</sup> April 1970 at the following times 21.00 to 22.00 Local Time (-3 GMT hours) The transmission was carried on 4804 Kc/s and this was our News and Evening Requests programme.

You may like to listen to our other transmissions carried on Kilohertz:- 4915/7140; 9665, 11765; 4885/7240.  
4804/7125; 4855/7295; 4950/7150; 4934.



**Broadcasting House,  
Nairobi; Kenya**



**Short-wave Transmitting Station,  
Nairobi; Kenya**