

# SHORTWAVE BULLETIN

Issue no. 2016, Nov 27, 2022

Deadline e-mail next issue: 1000 UTC, Dec 11, 2022

For this issue I received a huge log from Giam-piero Bernardini in Italy testing his latest toy, a Belkareceiver. Too bad that his listening place in Milan is so full of noise that it is not possible to listen to MW or LW.

On A-DX Fernempfang I noted that Christoph Ratzler finally got good help to locate a malicious noise source.

It turned out to be the power supply for a high end camera.

Those who have a noise free environment should be very happy.

But the future will probably give us challenges as more and more electricity will be used for all types of devices.

Here in Sweden we have a few very noise free listening posts in suburban areas and up in the far north. Those lucky guys only listen to MW nowadays and use very good beverages.

Today it is the *first* Sunday of *Advent* and the tradition includes lighting the candle of hope.

Advent season is an invitation to set your mind off of the stresses of the year.

**Keep on ....**

=====

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## SWB-info

SWB info:

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

Dateline Bogotá 1993-1998:

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

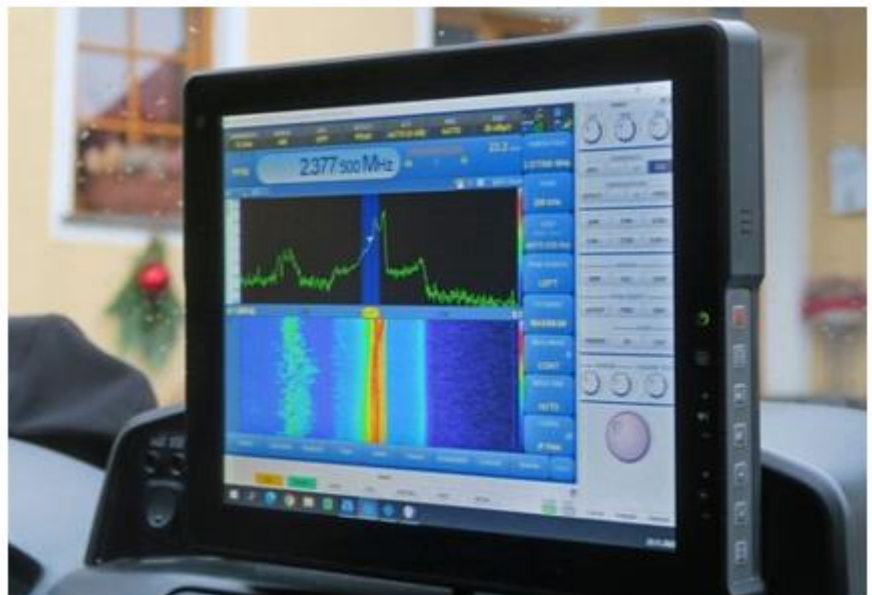
SWB latest issue/archive:

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

## QSL, comments, etc.

**Christoph Ratzler. The fault has been found!**

Today I was at my station with two officials from the Salzburg telecommunications office. They examined in detail on site what I was receiving and how, and then the measurement bus, equipped with the very best equipment from Rohde & Schwarz, drove around the area for a long time. And the fault was actually found far away to the west, a defective surveillance camera that had been in use for 10 years and - presumably the power supply unit - is now causing this fault under load. Hopefully the owner will replace everything soon. In the picture of the measuring bus of the "radio monitoring" at my Beverage antenna and the view of the small driver's display in the bus directly at the object of the fault, I intentionally did not take any more pictures there. It was amazing how competently and quickly I was helped here. (from A-DX Fernempfang translated from German. That is amazing news and hope the faulty parts will be changed before the real season starts./TN )



**Giampiero Bernardini.** Ciao Thomas, here a log I made while testing my new little receiver Belka in Milan with my 15 meters folded dipole on the roof.

The new version has MW & LW too. But I couldn't try them because in Milan city I have too much noise on lower bands. This tiny rx works well and it is fantastic for outdoor dxing. Have nice time.

**Robert Wilkner.** Mosquito Coast, Nov 26, " Little DXing for the last fortnight. Prayers for those experiencing serious health issues."

## 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\\_1117\\_1123.txt](https://www.w4uvh.net/ghlogs_2022_1117_1123.txt)

Previous issue: [https://www.w4uvh.net/ghlogs\\_2022\\_1103\\_1110.txt](https://www.w4uvh.net/ghlogs_2022_1103_1110.txt)

### Useful log links:

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

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

**WWDXC Top News:** <https://www.wwdxc.de/topnews.shtml>

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

**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/2022/>

3310	Nov23	2325	Radio Mosoj Chaski, Cochabamba weak, alas steady signal in Quechua (CGS) + (Méndez) + (Wilkner) + (XM)
3320	Nov17	2205	Pyongyang BC Stn., Pyongyang site. Tks, songs. 3 (CGS)
3325			Voice of Indonesia, via Palangkaraya, recently returned to the air after a considerable absence, but have not detected any audio yet. (Ron Howard, Asilomar State Beach, Calif.)
3915	Nov17	2201	BBC, Kranji relay. WS in E to SEAs, nx. 4 (CGS)
3945	Nov18	1134	R Vanuatu, Emten Lagoon, presumed, weak carrier. I do not know if the recent hacking of the government computer system has affected broadcasting or not. I checked other Vanuatu freqs but found nothing (XM)
3955	Nov18	2350	Channel 292, Rorhbach, songs non stop, good (Bernardini) + (CGS)
3985	Nov15	1930	R.Slovakia via Shortwave Service, Kall-Krekel. Cast, nx. 3 (CGS)
3990	Nov15	1704	Xinjiang PBS Urumqi. Uighur, tks, mx. Better on 18/11, 1640. 3 (CGS)
3995	Nov18	2340	HCJB Deutschland, Bremen-Weenermoor, songs German, weak (Bernardini)
4010.2	Nov15	-1800*	Kyrgyz Radio, Bishkek, strong carrier very weak audio, songs, barely audible. (Méndez)
4749.95	Nov16	1300	VOI, via Cimanggis/Jakarta, with a nice day of reception due to the absence of Bangladesh Betar; still mixing with CNR1 and CODAR; from 1300+, could make out a few words in English. (Ron Howard, Asilomar State Beach, Calif.)
4750	Nov18	1635	Bangladesh Betar, Shavar. Bangla (?), tks. Co-ch. QRM (de INS?). 3 (CGS) + (Méndez)
4765	Nov16	-0500*	Radio Progreso, Bejucal, Cuban songs, bolero "Dos Gardenias", comments, at 0500 "Radio Progreso les ha ofrecido su programación habitula del día de hoy", close. 3. (Méndez)
4765	Nov15	1725	Tajik Radio, Dushanbe, Tajik comments. 1. (Méndez)
4775.1	Nov20	2216	R.Tarma, Tarma. Cast, f/ball match rpt. 3 (CGS) + (XM)
4820	Nov18	1108	Xizang Peoples Broadcasting Station, Baiding, unintelligible threshold signal, sometimes only a carrier (XM)
4840	Nov20	0440	WWCR 3 Nashville, TN, talks English and DX programme, good (Bernardini)
4885	Nov21	2004	R.Club do Pará, Belém PA. Tks on f/ball. QRM de KOR. 3 (CGS) + (Méndez)
4900	Nov14	1112	V of the Strait-3, Fuzhoz, some audio getting through QRN, poor to fair (XM)
4940	Nov23	2330	Fuerza de Paz, om with long presumed religious chat (Wilkner) + (XM)
4955	Nov18	2228	R.Cultural Amauta, Huanta. Tks. 1 (CGS) + (XM)
4965	Nov15	1707	Voice OF Hope, Makeni Ranch. E, rlg. propag. 3 (CGS)
4980	Nov21	1643	Xinjiang PBS Urumqi. Uighur, songs. // 3990, 7205, 6120. 3 (CGS)
4985	Nov17	2208	R.Brasil Central, Goiânia. Songs px. Inaudible on 11815. 3 (CGS)
5020	Nov14	1108	SIBC, presumed, only a carrier but stronger than some days (XM)
5025	Nov23	2355	Radio Quillabamba, Cusco, weak signal with no Cuban parallels (Wilkner) + (XM)
5040	Nov20	-0659*	R. Vanuatu, 0620-0659*; the usual format with segment of announcements and messages, but an abbreviated segment today, 0630-0632, and as usual started and ended with the indigenous drums; a good number of "Radio Vanuatu, Vois Blong Yumi" IDs.

			Unfortunately after *0659+, found 3945, 7890 (2nd H), 11835 (3rd H) to all be unusable. (Ron Howard, Asilomar State Beach, Calif.)
5050	Nov14	1132	Beibu Bay R, Nanning, presumed, weak carrier (XM)
5055	Nov18	0900	Radio 4KZ, recently heard with well above normal reception; tuned in at 0900 for the news/value of Australian dollar/sports/weather/sea conditions; readability infinitely above the norm (economic leaders meet in Thailand for APEC summit; upcoming "Schoolies Festival" ( <a href="https://www.encounteryouth.com.au/schoolies-festival/">https://www.encounteryouth.com.au/schoolies-festival/</a> ) for teens, will be patrolled by 130 police officers; 18 year old died in a single vehicle crash; etc.); 0906, start of pop music (Rupert Holmes - "Escape" [The Pina Colada Song], Olivia Newton John - "Xanadu," Wham - "Wake Me Up Before You Go-Go," etc.); commercial announcements (Pandora Jewellery, etc.). (Ron Howard, Asilomar State Beach, Calif.)
5060	Nov19	2330	CNR1 Urumqi, talks Chinese, fair (Bernardini)
5830	Nov17	2300	Iran International Tv, Tashkent, Farsi reports, fair (Bernardini)
5895	Nov16	0735	Radio Northern Star, Bergen, pop songs in English, id. "Radio Northern Star". 2 (Méndez)
5905	Nov16	0606	Deutscher Wetterdienst, Pinneberg, weather report. // 6180. 4. (Méndez)
5920	Nov20	0400	HCJB Deutschland, Bremen-Weenermoor, Russian talks, good (Bernardini)
5930	Nov17	2212	World Music R, Bramming. Mx & songs. 2 (CGS) + (Méndez) + (Bernardini)
5935	Nov17	2310	World Wide Christian Radio, Nashville, religious English, fair (Bernardini)
5938.3	Nov24	2245	R.Voz Missionária, Camboriú SC. "A Voz do Brasil". // 9665.045. 3 (CG) + (Wilkner)
5950	Nov17	2314	R. Miami International, USA, songs, English, fair (Bernardini)
5952	Nov12	2227	R. Pio XII, Bolivia, Siglo Veinte; Spanish talks. Stronger modulation than previous weeks but lower than 6/11, much QRM, het, poor (LOB-B).
5955	Nov16	0535	Sunlite Radio, Westdorpe, pop songs in English, id. "Sunlite". 2. (Méndez)
5970	Nov17	2318	R.208 Copenhagen, songs, weak fading (Bernardini) + (Méndez)
5985	Nov18	2325	Myanma Radio, Yegu, talks slow songs, Myanma, fair (Bernardini)
6005	Nov15	-1630*	Radio Slovakia International, Kall Krekel, Spanish, id. "Radio Eslovaquia Internacional", "Eslovaquia Hoy", at 1629 Shortwave Service interval signal and close down. 3. (Méndez)
6020	Nov20	0500	VOA Sao Tome, bc in Hausa, reports, good (Bernardini)
6030	Nov20	0410	Radio Marti, Greenville, talks Spanish, good (Bernardini)
6070	Nov16	0501	CFRX, Toronto. Strong QRM from Channel 292 on the same frequency. 1. (Méndez)
6070	Nov19	1100	Encore Classical Music, Channel 292, Classical mx, fair good (Bernardini)
6080	Nov20	0420	VOA Sao Tome, English reports, songs, good //6170 very good (Bernardini)
6115	Nov15	0726	Radio Nikei 2, Chiba-Nagara, songs in English, Japanese, comments. 1. (Méndez)
6115	Nov20	1800	Radio Congo, Brazzaville, French reports, fair low modulation (Bernardini) + (Méndez)
6115	Nov17	2323	World Wide Christian Radio, religious songs English, fair //5935 (Bernardini)
6120	Nov21	1647	Xinjiang PBS Urumqi. Uighur, songs. // 3990, 4980, 7205. 3 (CGS)
6130	Nov20	1415	Radio Europe, Alphen aan den Rijn, id in EE, songs, fair (Bernardini)
6140	Nov20	1420	Radio Onda, Borculo, songs, id in FF fair (Bernardini) + (Méndez)
6150	Nov17	2330	VOA Udon Thani, reports in Myanmar, fair good (Bernardini)
6160	Nov20	1430	Shortwave Radio, Winsen, English, songs, fair (Bernardini)
6160	Nov18	2315	WBCQ The Planet, Monticello, talks English, weak (Bernardini)
6180	Nov16	0812	Radio Nacional da Amazonia, Brasilia, Brazilian songs, comments. // 11780. (Méndez)
6185	Nov14	2320	R Educacion, Ciudad Mexico, nice selection of Latin vocals by W, fair with some QRN (XM) + (Méndez)
6195	Nov17	2335	BBC World Service, Kranji, reports English, fair good (Bernardini)
6300U	Nov20*	0704	UNID. consistent daily non-stop reciting from the Qur'an. On Nov 18, noted 0750*; cut off time varies greatly day-to-day. (Ron Howard, Asilomar State Beach, Calif.)
7110	Nov15	1650	Radio Ethiopia, Geja Dera, Vernacular comments, East African songs. 3. (Méndez)
7205	Nov21	1645	Xinjiang PBS Urumqi. Uighur, songs. // 3990, 4980, 6120. 1 (CGS)
7289.93	Nov17	-0840*	RRI Nabire Pro 1, from 0744 till cut off in mid-song; mostly EZL pop songs; 0811, distinctive promo for "R-R-I programa satu" (program one), with a few words in English ("audio streaming . . . download app"). Noted off the air Nov 20. (Ron Howard, Asilomar State Beach, Calif.) + (LOB-B).
7355	Nov13	2310	R Marti, Greenville, various Cuban jammers including buzzers and assorted noises doing a number on this. One wonders why Cuba wastes limited power on jammers while keeping R Rebelde 5025 and RHC 5040 completely dark the last several days (XM)
7370	Nov18	2310	CNR 2 China Business Radio, Peking, talks Chinese, good //7335 (Bernardini)
7385	Nov15	1650	PSB Xizang Lhasa, Tibetan songs. Strong QRM on 7380 and 7390. 2. (Méndez)
7390	Nov20	0510	Radio France Int, Issoudun, reports, good (Bernardini)
7390	Nov20	1405	Radio New Zealand Pacific, English, talks, good (Bernardini)
7425	Nov20	0506	Radio Ndarason Int., Woofferton, in Kanuri, Afro songs, good (Bernardini)
7492v	Nov18	2305	Voice of Tibet (pres), unid tx, here to avoid Chinese jamming, fair (Bernardini)
7600	Nov18	2300	Afghanistan Int. TV, Gavar, Pashto pres, talks songs, good (Bernardini) + (XM)
9265	Nov17	2338	Red Lion, PA, religious English, fair good (Bernardini)
9330	Nov17	2341	Worlds Last Chance Radio, Monticello PA, religious English fair good (Bernardini)

9395	Nov17	2344	R. Miami International, FL, talks about politics, English, fair (Bernardini)
9405	Nov17	2347	FEBC, Bocaue, Chinese talks, songs, fair (Bernardini)
9445	Nov18	2205	Voice of Korea, Kujang, talks, music, Chinese, fair (Bernardini)
9550.1	Nov19	2203	R.Boa Vontade, Pt.º Alegre. Interview on social welfare. // 11895.190. 2 (CGS) + (Méndez)
9560	Nov18	2230	NHK Radio Japan, Yamata, Chinese service, very good (Bernardini)
9565	Nov17	2350	Radio Martí, Greenville, NC USA, Spanish talks, good (Bernardini)
9610	Nov20	1000	AWR, Nauen, in Italian, Obiettivo DX, excellent (Bernardini)
9664.9	Nov21	2138	R.Voz Missionária, Camboriú SC. Rlgs. propag. px Eu Tenho Um Anjo Milagreiro, songs. Inaudible on // 5940v. 3 (CGS) + (Bernardini)
9670	Nov19	1040	Splash back, Channel 292, Rohrbach, 60s oldies, EE, good (Bernardini)
9670	Nov19	1200	Alt Universe Top 40, Channel 292, Rohrbach, great oldies, EE, good (Bernardini)
9700	Nov12	1711	R.NZPacific, Rangitaiki. E, short stories. Adj. QRM. 4 (CG)
9710	Nov18	2215	Radio Habana Cuba, Spanish talks, weak (Bernardini)
9710	Nov20	0520	Vatican Radio, St. Maria Galeria, Ukrainian, talks, fair (Bernardini)
9765	Nov18	2240	MWV Palavra Alegre, Mahajanga, Portuguese religious, fair good (Bernardini)
9818.9	Nov15	1908	R. 9 de Julho, São Paulo SP. Tks. 2 (CGS) + (Méndez)
9877	Nov20	1330	Voice of Tibet, Tashkent, Tibetan talks, fair off at 1335 (Bernardini)
9893	Nov20	1336	Voice of Tibet, Tashkent, Tibetan talks, fair (Bernardini)
9940	Nov17	1245	Radio Thailand World Service via Ban Dung, Udon Thani. Fair signal and bells IS 1245, then OM with full ID in EE and into Mandarin service. Interesting that he did ID as "Radio Thailand World Service". I've recently also heard them repeatedly IDing as the "Voice of Thailand". So, if you add in there "HSK9" they've got plenty of ways right now to refer to their SW service, hi. Noted with improved signal at 1308 during JJ service. (Perry – II)
9950	Nov20	1340	All India Radio, Bangalore, Dari reports, good (Bernardini)
9975	Nov20	1343	KTWR Trans World Radio, Agana, Mandarin Talks, ids, good, off at 1344 (Bernardini)
9980	Nov18	2245	Brother Stair, Nashville TN, usual talks English, weak fair (Bernardini)
10080	Nov21	0723	S9+10 open carrier but scratchy, must be that RHC 5040 transmitter again radiating on 2X instead. Could be serious QRM to legal fundamental transmitters in aero band. EiBi shows on 10081, 24h HF DL from Shannon, San Francisco. (Glenn Hauser via WOR)
11665	Nov22	1039	Wai FM via RTM, Kajang. Songs, tks. Faulty audio/modulation. 3 (CGS) + (Bernardini)
11670	Nov18	0005	Radio Habana Cuba, Spanish, music talks fair //11760 (Bernardini)
11690	Nov19	1012	Adventist World Radio, KSDA Agat Guam, Chinese talks, good //15420 (Bernardini)
11725	Nov20	1815	Radio New Zealand Pacific, English, interview, good (Bernardini)
11735	Nov21	1630	Zanzibar BC, Dole. Swah, tks, Afr. songs. 2 (CGS)
11745	Nov19	0800	Radio Taiwan Int. Paochung/Baujong, Japanese bc, fair (Bernardini)
11760	Nov19	2338	Radio Habana Cuba, Spanish, talks, weak (Bernardini)
11775	Nov19	0807	Radio Denge Welat, via Sofia, Kurdish talks, good jammed by Turkey (Bernardini)
11780	Nov19	0820	Radio Nacional Amazonia, Brasilia, songs, poor weak, better USB to avoid QRM (Bernardini) + (Méndez)
11830	Nov18	0008	AWR, Trincomalee Sri Lanka, Chinese bc, weak (Bernardini)
11835	Nov16	*0659-	(3rd harmonic of 3945), Radio Vanuatu, Port Vila, *0659, Nov16, Island songs, at 0712 interval signal, English, news, at 0730 drums, interval signal, Bislama, English, news, comments 2. (Méndez)
11860	Nov18	0011	Radio Yemen, via Saudi Arabia, Arabic talks, good (Bernardini)
11875	Nov20	1349	Reach Beyond Australia, Kununrura, WA, talks Asian lang. very good (Bernardini)
11895.2	Nov19	2201	R.Boa Vontade, Pt.º Alegre RS. Tks. Adj. QRM. // 9550.137. Better on 21/11, 2145. 2 (CGS)
11930	Nov19	0042	Radio Martí, Greenville NC, Spanish talks economics, fair (Bernardini)
11945	Nov20	1354	Reach Beyond Australia, Kununrura WA, English slow talks, excellent (Bernardini)
11965	Nov19	1030	KTWR Trans World Radio, Agana, Asian language talks, weak fair (Bernardini)
12055	Nov20	1358	Radio Free Asia, Tinian Island, Burmese, id English, good (Bernardini)
12055	Nov19	2345	FEBC Manila, Philippines, talks in Asian language, weak fair (Bernardini)
12070	Nov18	0015	FEBC Radio, Iba Philippines, talks in Chinese, fair (Bernardini)
12085	Nov20	1402	KSDA Adventist World Radio, Agat, talks and songs in Karen, good (Bernardini)
13730	Nov18	1100	Radio Austria Int. Moosbrunn, German reports, excellent (Bernardini)
13755	Nov18	1108	Radio New Zealand Pacific, English reports talks, good (Bernardini) + (CGS)
15190	Nov20	2227	R.Inconfidência, Belo Horizonte MG. Empty carrier. 2 (CGS)
15210	Nov18	1129	AWR, Station KSDA, Agat Guam, start bc in Chinese, weak (Bernardini)
15320	Nov18	1132	Reach Beyond Australia, Kununurra WA, songs Asian lang talks, good (Bernardini)
15410	Nov18	1120	Radio Algerienne, Ourgla, Arabic, fair (Bernardini)
15420	Nov19	1010	Adventist World Radio, KSDA Agat Guam, Chinese talks, weak //11690 (Bernardini)
15475.98	Nov26	1501	LRA36 RC USB, best of Argentine remotes is offline, but LRA36 JBA on a couple others, weaker S3 than usual as it's opening multi-lingual ID, 1505 theme song, 1521 still on; one of the remotes with local QRhAM overload; 1528 ID, talking about Chubut; 1540 ``su cá`` ID; 1546 martial tune but not played by a band; cuts off the air at 1550*, so lasted quite a bit longer than for first play on Wednesday (Glenn Hauser, OK, WOR)

15490 Nov19 1005 IBRA Radio, Dhabbaya, talks in Asian language, weak (Bernardini)  
 15700 Nov21 1618 World Music R, Randers. Mx & songs. Best via the K9AY w/ the E-W loop receiving from the W. Inaudible on // 25800. 2 (CGS) + (Méndez) + (Bernardini)  
 15700 Nov15 1610 World Music Radio, Randers, pop songs, Latin American songs, id. "World Music Radio". 3.  
 15720 Nov20 2230 R.NZPacific, Rangitaiki. E, interview. 2 (CGS)  
 15765 Nov19 1000 Mashaal Radio, Udon Thani, reports in Pashto, fair (Bernardini)  
 25800 Nov16 1015 World Music Radio, Marslet, pop songs, Latin American songs, id. "WMR, World Music Radio. // 15700. 3. (Méndez)

## CLANDESTINE

3480 Nov14 2226 Voice Of The People (cland.), Goyang. Kor to KRE, tks. 1 (CGS)  
 3910 Nov15 1932 Voice Of The People (cland.), Goyang. Kor to KRE, tks. Vy. strg. on 17/11,2200. 2 (CGS)  
 3930 Nov15 2149 Voice Of The People (cland.), Goyang. Kor to KRE, tks. Vy. strg. on 17/11,2200. 3 (CGS)  
 3945 Nov14 2228 R.Echo Of Unification (cland.), Chongjin. Kor to KOR, songs. (CGS)  
 3985 Nov14 2239 R.Echo Of Hope (cland.), Gyengi-do. Kor to KRE, tks, mx. Better on 15/11, 2200. 3 (CGS)  
 3990 Nov25 2231 R.Echo Of Hope (cland.), Gyengi-do. Kor to KRE, tks. 2 (CG)  
 4450 Nov18 1117 V of the People, presumed, Goyang, South Korea, moderate carrier was all I could get out of this today, lots of ute QRM (XM)  
 4890 Nov14 2245 R.Echo of Hope (cland.), Nowong-gu. Kor to KRE, tks. Jammed. 3 (CGS)  
 4965 Nov15 1707 Voice OF Hope, Makeni Ranch. E, rlg. propag. 3 (CGS)  
 5920 Nov18 \*0753- Voice of Freedom, \*audio occasionally cutting off-on-off; gong rung three times; Voice of Freedom ID; Republic of Korea choral National Anthem; VOF FM frequency announcement; VOF singing station jingle; 0500 PM KST announcement; 0800, program "Hamkke tteonaneun eum-ag-yeohaeng" (Let's Go Music Together). (Ron Howard, Calif.)  
 5995 Nov17 2214 R.Echo of Hope (cland.), Gyengi-do. Kor to KRE, tks. MLI off the air. 3 (CGS)  
 6214.9 Nov16 1400 One of the better days for Sound of Hope, on 6214.90 // 6229.95, with 6280 absent on Nov 16, at 1400 UT. On my attached audio, as usual no time pips at ToH, but the normal ID ("Xi-wang zhi sheng guoji guangbo diantai" - translation: Sound of Hope international broadcast station) is at 01:03, given twice (once by OM and again by YL), then into the news. (Ron Howard, Asilomar State Beach, Calif.)  
 6255 Nov17 2210 R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 3 (CGS)  
 6350 Nov20 1634 R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 2 (CGS)  
 6355 Nov24 2230 R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. Jammed. 2 (CG)  
 6370 Nov18 2230 Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 2 (CGS)  
 6520 Nov20 2234 Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 3 (CGS)  
 6600 Nov20 2232 Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 3 (CGS)  
 6970.1 Nov25 2233 Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 2 (CG)  
 7810.1 Nov18 2225 Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 1 (CGS)  
 9100 Nov14 2241 R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks, mx. 3 (CGS)  
 9105 Nov17 2216 R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 3 (CGS)  
 9120 Nov24 2232 Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 1 (CG)  
 9230.2 Nov24 2234 Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 1 (CG)  
 9280.1 Nov24 2236 Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 1 (CG)  
 9300 Nov24 2238 Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 1 (CG)  
 9980 Nov21 1603 Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 1 (CGS)  
 11100 Nov21 1605 Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 1 (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) (LOB) Lúcio Bobrowiec Embu SP Brasil Manuel Méndez, Lugo, Spain Ralph Perry, Wheaton, Ill. [WOR] NASWA Flashsheet items, Nov 20	CG/(CGS), Carlos Gonçalves, Lissabon, Portugal Ron Howard, Asilomar State Beach, CA, USA, WOR/DXLD Robert Wilkner, Pompano Beach, South Florida Giampiero Bernardini, Milano XM - Cedar Key - Florida
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## Station news

**FINLAND.** Finnish DX Association (SDXL) produces an hour long English language .

The show will be broadcast via Texas Radio Shortwave from WRMI in Miami on Sunday, December 11th 2022, on 5950 kHz at 0200 UTC and 15770 kHz at 1200 UTC.

Another transmission will be heard from Channel 292 in Rohrbach, Germany, on Saturday, December 17th 2022, 1800 UTC on 3955 kHz.

The programme will be repeated via Scandinavian Weekend Radio in 4th February 2023.

The show, edited by Heppu Hyypiö and Tricky Trev from Scandinavian Weekend Radio, will include interviews of SDXL members, information about Finland, pieces of Finnish radio and DX history, and also Finnish music.

Reception reports are welcome to email address [sdxlqsl@gmail.com](mailto:sdxlqsl@gmail.com). All the correct reports will be verified by an e-QSL.

[SDXL home page via nordx, Kari Kallio]

### **NETHERLANDS. Important Announcement from the Mighty KBC**

Following information is direct from Eric van Willegen, The Mighty KBC.

The Mighty KBC is leaving Nauen, Germany at the end of 2022. From January 1, 2023 The Mighty KBC begins using the facilities of WRMI in Okeechobee, Florida.

We are on the air each Sunday via WRMI between 5:00-7:00 pm Eastern Time (1700-1900 EST) same as 2200-0000 UTC on 5950 kHz for the winter period.

Currently, The Mighty KBC broadcasts to North America on Sunday 0000-0200 UTC on 5960 kHz. Please note the time and frequency changes beginning with the January 1, 2023 broadcast. Sunday 2200 to 0000 UTC on 5950 kHz.

(73, Kraig, KG4LAC via WOR)

**NORWAY.** November 21, 2022.

I am happy to say our Shortwave transmitter on 5895 kHz in the 49 meter band has returned to normal programming from 1215Z thanks to our man at the site! This station was off due to the lack of the program stream. On this frequency we broadcast a mix of our stations Radio Northern Star and the Sea as well as Gospel programming. If you hear us we'll be happy to verify your reception report.

We are also on 1611 kHz, presently with The Sea. Email: [1000@northernstar.no](mailto:1000@northernstar.no)

Northern Star Media Services FB group (2022-111-21) via <https://mediumwave.info/news/>

(Mike Terry via WOR)

## Other radio news

### **What is HFDL??**

EiBi's readme.txt explains only: ``HF DL Squitter (Aircraft comms station)``. Wikipedia: ``High Frequency Data Link (HF DL) is an ACARS communications medium used to exchange data such as Aeronautical Operational Control (AOC) messages, Controller Pilot Data Link Communications (CPDLC) messages and Automatic Dependent Surveillance (ADS) messages between aircraft end-systems and corresponding ground-based HF DL ground stations. Using the unique propagation characteristics of high-frequency radio waves, the ground stations provide data link communications to properly equipped aircraft operating anywhere in the world. As a result, pilots can always communicate with someone on the ground.``

But what does it sound like on an ordinary radio? And what is squitter? Explanation from:

<https://skybrary.aero/articles/squitter>

``The term "squitter" refers to a random broadcast of data occurring either intentionally or in response to noise.

Description: Mode-S transponders automatically send periodic burst transmissions called "squitters". These transmissions are self generated and are not in response to interrogations from a secondary surveillance radar (SSR) system. The information sent in these burst transmission serves several purposes including:

Airborne Collision Avoidance System (ACAS) - Squitter information includes aircraft location and vertical speed. This information is used by ACAS systems on other aircraft to identify potential conflicts.

Automatic Dependent Surveillance Broadcast (ADS-B) - An extended squitter is a message or series of messages which broadcast an aircraft's identification, GPS position, projected aircraft trajectory and navigation system status to allow controllers to accurately track the aircraft``

(Glenn Hauser, OK, WOR)

## World Radio TV Handbook 2023



We are excited to announce the new edition of the World Radio TV Handbook 2023.

During the past few months, we have been working really hard to produce the handbook and we believe that it will help you enjoy your experience even more.

Due to the fact that we could not start the production work earlier than in September this year, we are still working on its creation. And one thing we can say in advance - we do it a little differently than before. This allows us to be more efficient and more up to date in the future. Our printing date is already approaching - 12.12.22,

so we are working diligently on the completion until then and are already looking forward to the finished product.

The book delivery has been postponed slightly - it will start on 17th January 2023. But as the saying goes - As is well known, anticipation is the biggest joy. And it is worth the wait, the book contains many articles & reviews, as well as all the updated data which it is known for.

Your WRTH team.

(Mike Terry via WOR)

See: [https://wrth.org/newsletter\\_registration.html](https://wrth.org/newsletter_registration.html)

It appears from their web site that Universal Radio plans to sell the 2023 WRTH.

<https://www.universal-radio.com/catalog/books/2023.html> says "check back soon."

(Mike Cooper via WOR)

### Hacker attack on the DX page.

Dear colleagues! The dxforum.ru forum has been hacked and is currently temporarily disabled. We apologize for the inconvenience.

Recently, this has been relevant ... I suspect that this is how companies producing DDoS protection sell their products. By the evening the forum was up and running.

("Let's talk about radio?" - Telegram)

(RUS-DX #1212)

### How to install Russian applications removed from the App Store and Google Play: instructions for smartphones.

In 2022, many Russian apps disappeared from the App Store and Google Play. All this forced users to look for alternative ways to install. The ZOOM.CNews editors tell you how to download and install domestic programs that have been removed from stores. Our instructions are suitable for Android gadgets and iPhone.

Details in Russian - <https://zoom.cnews.ru/publication/item/64565>

( [https://vk.com/radio.tv\\_31](https://vk.com/radio.tv_31) )

(RUS-DX #1212)

### RT launched online broadcasting in Serbian - RT Balkan.

The new multimedia portal will cover the most current regional and world events from an alternative perspective. The start of RT television broadcasting in Serbian is planned until 2024 ... In addition to the website (rt.rs), RT Balkan is also available on Telegram ( <https://t.me/rtbalkan> - in Serbian, [https://t.me/rtbalkan\\_ru](https://t.me/rtbalkan_ru) - in Russian), as well as in ...

Details in Russian - <https://tele-satinfo.ru/index.php?id=16174>

( <https://tele-satinfo.ru/> )

(RUS-DX #1212)

### Half a trillion will be required for the development of the Aurora OS when disconnected from Google and Apple services.

The development of the Aurora mobile operating system (OS) (developed by Rostelecom) and the release of about 70 million smartphones on it will require 480 billion rubles by 2030. This is necessary because of the threat of disconnecting Russia from Google and Apple services, according to Rostelecom. The operator sent the passport of the Aurora OS development project and the creation of a national mobile ecosystem to the Development Competence Center (CKR) "Operating Systems", which is supervised by the Ministry of Digital Development, Kommersant reports.

Details in Russian - <https://telesputnik.ru/materials/companies/news/na-razvitie-os-avrora-pri-otklyuchenii-ot-servisov-google-i-apple-potrebuetsya-poltrillona>

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

(RUS-DX #1212)

## Alan Roe's "Music Programmes on Shortwave"

Alan Roe's "Music Programmes on Shortwave". B-22 broadcast period 30 October 2022 to 25 March 2023. Compiled by Alan Roe.

<https://swling.com/blog/resources/alan-roes-guide-to-music-on-shortwave/>

<https://swling.com/blog/wp-content/uploads/2022/11/Music-on-Shortwave-B-22-Version-1.pdf>

<https://swling.com/blog/wp-content/uploads/2022/11/Music-on-Shortwave-B-22-Version-1.pdf>

(RUS-DX #1212)

## 41% of Russians will not watch traditional entertainment programs on New Year's Eve.

According to the study, to the question: "Are you going to watch TV New Year's lights on New Year's Eve?", only 12% of Russians chose the answer "yes", while 33% said they would turn on New Year's programs "for the background", and 41 % of respondents said that they were not going to watch New Year's entertainment programs at all ...

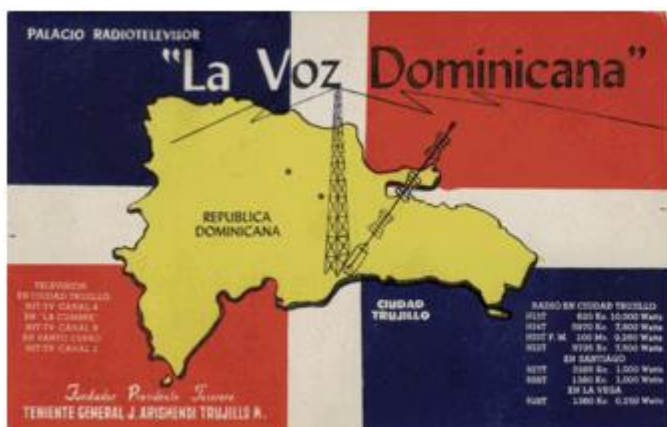
Read more: <https://www.cableman.ru/content/41-rossiyan-ne-budet-smotret-traditsionnye-razvlekatelnye-programmy-y-novogodnyuyu-noch>

( <https://www.cableman.ru/news> )

(RUS-DX #1213)

## Some old recordings from the Dominican Republic

**John Ekwall:** I've found some interesting stuff on the cassette tapes that I'm going to sift through but it's taking time. The following stations have been found on a cassette from OM **Jan Tunér** - seem to be more or less studio recordings or on location in Santo Domingo. No idea about year or frequency but probably 60-70s.



**La Voz Dominicana** was heard in the 60'ies on 5970 kHz and many verifications reached DX-ers in Sweden.

Listen to Jan Tunér's recording: [http://www.thomasn.sverige.net/ARC/La\\_Voz\\_Dominicana.mp3](http://www.thomasn.sverige.net/ARC/La_Voz_Dominicana.mp3)

**Radio HIN.** Un día como hoy 16 de agosto del año 1935 Inicia su transmisión la emisora HIN, "La Voz del Partido Dominicano", dotada de un entonces "poderoso" transmisor de 750 vatios. <http://www.bohechiodigital.com/2017/08/un-dia-como-hoy-16-de-agosto-del-ano.html> Heard on 4912 kHz in the 60'ies and then verified by letter.

Listen to Jan Tunér's recording: [http://www.thomasn.sverige.net/ARC/Radio\\_HIN.mp3](http://www.thomasn.sverige.net/ARC/Radio_HIN.mp3)



**Onda Musical** was heard on 4780 kHz in the 60'ies. Replied at that time with a letter.

This letterhead was found here: <http://www.pateplumaradio.com/central/domrep/domigrph/ondamus3.jpg>

Listen to Jan Tunér's recording: [http://www.thomasn.sverige.net/ARC/Onda\\_Musical.mp3](http://www.thomasn.sverige.net/ARC/Onda_Musical.mp3)



## DSWCI - Niels Jakob Jensen's DX-Collection

Here you can access Niels Jakob Jensen's DX-Collection (QSL-cards and pennants).

Niels Jakob Jensen was the first chairman and member of honour of the Danish Shortwave Club International.

The scans are available in high resolution. Files are up to 5 MB each.

Click on preview-images to access the full-size scans. - <http://www.dswci.org/tbmonitor/>

QSL's (World) QSL's (World) QSL's (Japan) QSL's (Japan) Pennants Pennants The QSL cards were dedicated to DokuFunk and are now part of BQO - Broadcast QSLs online at <http://www.bcqsl.org>.

( <http://www.dswci.org/tbmonitor/> )

(RUS-DX #1212)

## Belarusian hackers hacked GRCHTS.

The Main Radio Frequency Center (GRC) subordinated to Roskomnadzor was attacked by the Belarusian hacker group "Cyberpartisans". The hackers made publicly available screenshots of internal correspondence, as well as contacts of employees and their relatives, and scans of documents. According to Kommersant's sources, the hacking could have been done through the remote workplace of one of the organization's employees. At the same time, the GRFC states that everything was under control.

The hackers also report that they have encrypted employee workstations, thus making it impossible for authorized users to access, and have damaged the organization's infrastructure. At the same time, representatives of the GRFC state that the workstations of employees are not encrypted, access to them is open. The cyberattack countermeasures service found that hackers used a vulnerability that had not been exploited anywhere before ...

Details in Russian - <https://www.cableman.ru/content/belusskie-khakery-vzломali-grchts>

( <https://www.cableman.ru/news> )

(RUS-DX #1213)

## DX picture "Letters from the computer".

Novosibirsk DX site. [ <http://www.novosibdx.info/> ].

Site editor - Igor Yaremenko. The picture appears after sending a letter to the site editor from the WEB page.

You can see it here - <https://rusdx.blogspot.com/2022/11/dx.html>

(RUS-DX #1213)

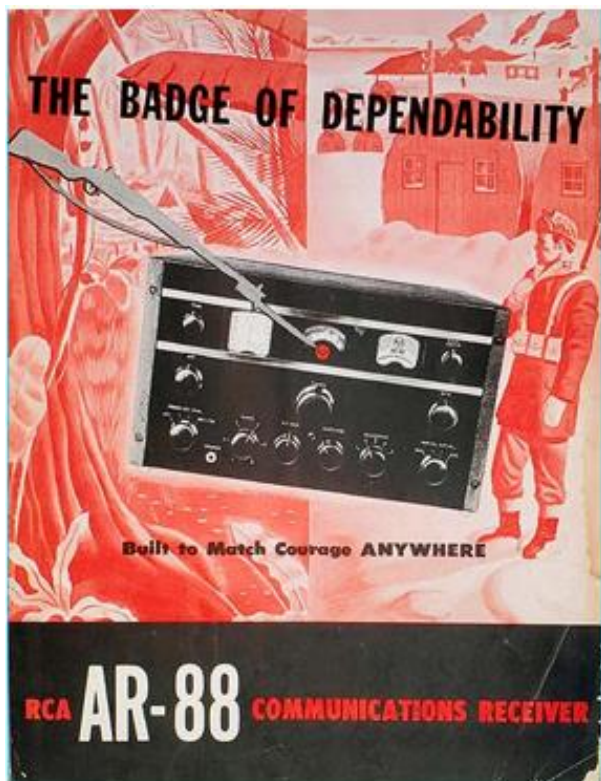
## Et apropos til årets fotball-VM.

En av de første, største og mest fargerike vimplene jeg mottok i min DX-karriere, fikk jeg fra **Radio Bandeirantes**, Sao Paulo.

Stn ble rapportert 22. sept. 1962 på 11925 kHz.

Vimpelen som måler 30x20 cm, var ikke brettet, og kom sammen med QSL i en stor konvolutt helt tildekket av frimerker...

(Rolf Mong via DXLC)



## RCA's Amazing AR-88 Series of Receivers

A very informative article about history and design of the various RCA AR-88 models together with detailed information.

The AR-88 was used by many DX-ers in Sweden in the 50'ies & 60'ies.

photo: Cover of the WWII AR-88 Brochure

The whole article can be found here:

<https://www.radioblvd.com/ar88.htm>

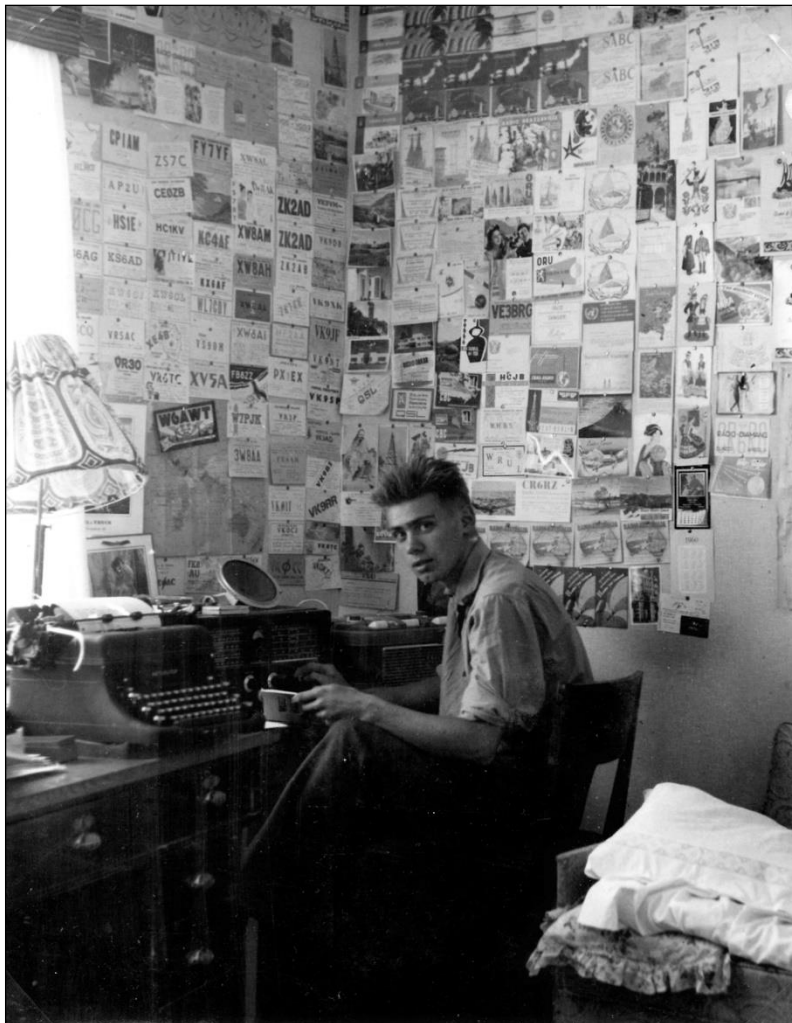
## DX nostalgia by RFK

Once again it's time for another edition of DX nostalgia. Something which is very much nostalgia is the World Radio TV Handbook. Over the years it has become a tradition having the book at hand just before the Xmas holidays. But this year will be somewhat different as the production of the book started later than usual. This info is from the WRTH Facebook group: *Due to the fact that we could not start the production work earlier than in September this year, we are still working on its creation. And one thing we can say in advance - we do it a little differently than before. This allows us to be more efficient and more up to date in the future. Our printing date is already approaching - 12.12.22, so we are working diligently on the completion until then and are already looking forward to the finished product.*

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So this Xmas we will have to manage without our beloved WRTH but personally I feel it is great news that the book will actually come out after we all thought it had been laid to rest for ever. Of course much information is available on the web but if we can have all the info packed into a book, without no need for an Internet connection at our listening post, I personally do think it's worthwhile.

So let's get over to some DX nostalgia. Here we see a 1950s photo of DX-er Sven Elfving of Örnsköldsvik, Sweden in his DX shack. Obviously he also listened to ham radio operators. Photo from the collection of the late Odd Påg ODD, scanned by John Ekwall JOE.



Here we see DX-ers Kurt Zadina and Odd Johansson (later Odd Påg) at a 1950s listening session in Odd's hometown of Norberg. Photo scanned by John Ekwall JOE.



A QSL card from an exotic country which left SW a long time ago. They remained on MW until 2015. The card is from the collection of Ullmar Quick UQ, who heard the station in 1951. Card scanned by John Ekwall JOE.

**QSL FROM "RADIO TRINIDAD", BRITISH WEST INDIES**

**CHANNELS:**  
31.16 Metres  
(9,625 kc/s)

231.65 Metres  
(1,295 kc/s)

**PORT OF SPAIN**

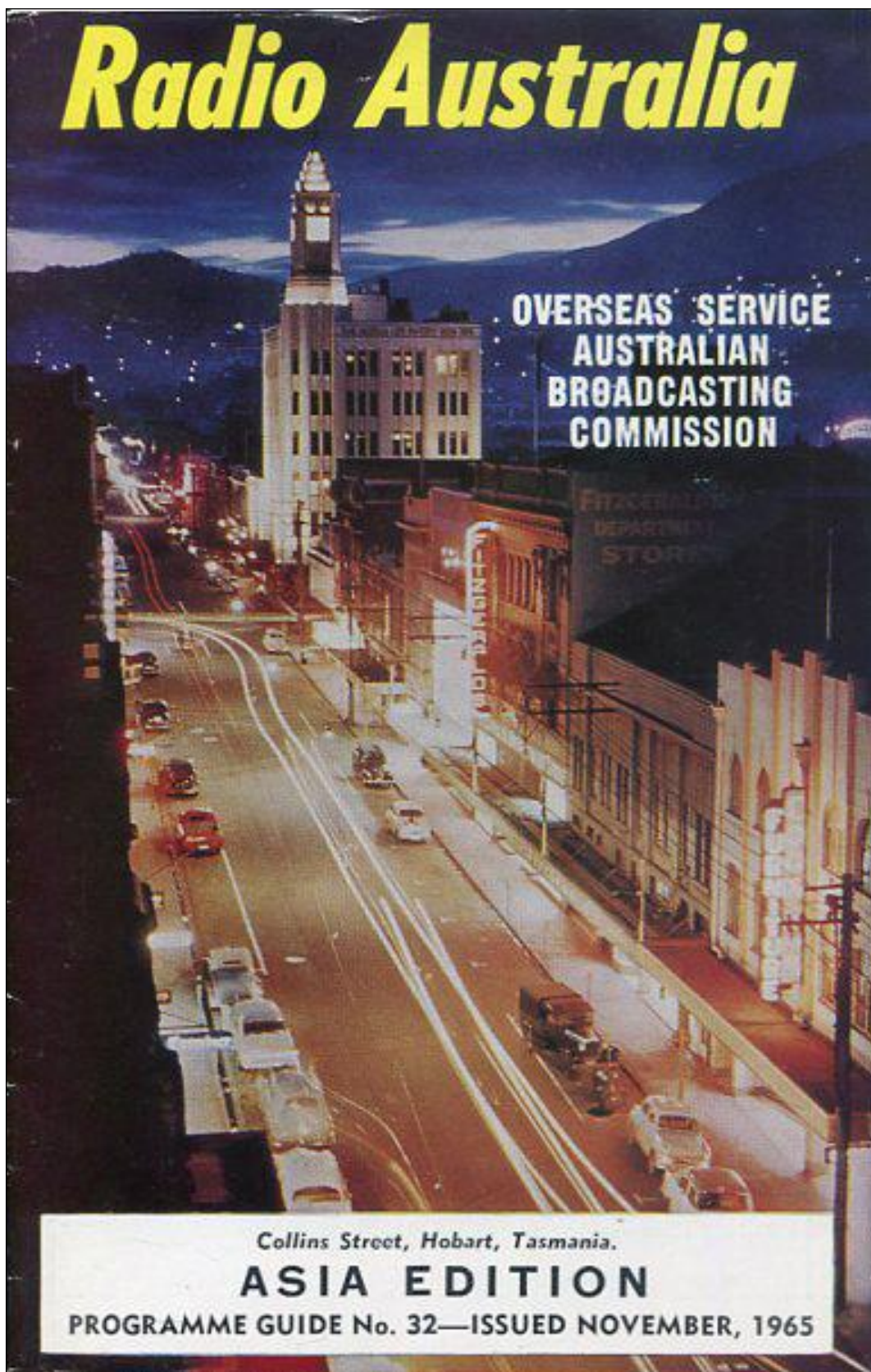
**SAN FERNANDO**

**Transmission Hours:—**

**Sundays**  
7.00 a.m. to 2.00 p.m.  
4.00 p.m. to 11.00 p.m.

**Week-days**  
(Monday through Saturday)  
7.00 a.m. to 9.00 a.m.  
12.00 (Noon)  
to 2.00 p.m.  
4.00 p.m. to 11.00 p.m.

Often the letters we received from radio stations contained a lot of goodies in addition to the QSL. Here is a programme guide from 1965 received by the late Olle Alm OA.



Let's conclude this edition of DX nostalgia with an African QSL from Ullmar Quick UQ who heard Radio Mogadiscio in 1952. This card was scanned by John Ekwall JOE. Naturally you are always welcome to contribute material to DX nostalgia. It can be QSLs, radio memorabilia or anything you can think of. Please mail me at info @ rock.x.se. Take care, stay safe and GOOD DX!

19/4/52

**RADIO MOGADISCIO**

**MOGADISCIO BROADCASTING STATION**

A ULLMAR KVICK  
 Romelevägen 20  
 Kristinehamn  
 Sweden

To \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Vi ringraziamo per la Vostra comunicazione.

Many thanks for your QRS.

Trasmittente: IMCARADIO 300 W.  
 Antenna

Transmitting set: IMCARADIO  
 (Italian) Power 300 W. Antenna.

Antenna: Dipolo Omnidirezionale

Antenna: doublet omnidirectional

Coordinate: Long. 45°, 21' - Lat. Nord 2°, 2'

Geographical location: Long. 45°, 21' - Lat. North 2°, 2'

Frequenza 7420 Kc/s

Frequency: 7420 Kc/s

Ore di trasmissione (GMT)

Broadcasting hours (GMT)

10.30 to 11.45 italiano  
 14.15 to 15.15 somalo  
 16.15 to 17.00 somalo  
 17.00 to 18.00 italiano

italian  
 somali  
 somali  
 italian

Il Direttore

The Manager

