

SHORTWAVE BULLETIN

Issue no. 1984, Sept 5, 2021

Deadline e-mail next issue: 0800 UTC, Sept 19, 2021

This morning we received an update of MWLI for Jaguar.

The creator of Jaguar, Ilpo Parvianen comments:

The sad development continues: when creating a new database I often check the number of stations currently on MW: at the moment there are 14080 stations (TIS not included) => 540 stations have disappeared from MW since 2020-09. So maybe within 30 years MW will be more or less empty?

However, I bet Romania will be there for sure :-)

If you take a look at the log there are only a few LA stations left on the Tropical bands and instead many Chinese and Clandestine stations.

How many (except DX-ers) are in fact listening to those broadcasts on shortwave? Should be interesting to know more about their listeners.

This time two interesting articles from Asian DX Review September 2021.

Keep on

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SWB-info

SWB on HCDX:

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

Dateline Bogotá 1993-1998:

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

SWB latest issue/archive:

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

QSL, comments, etc.

GLENN HAUSER LOG ROUNDUPS

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

The latest ones direct: https://www.w4uvh.net/ghlogs_2021_0826_0901.txt
(73, Glenn Hauser)

Robert Wilkner, Mosquito Coast, September 3, 2021. " *Some improvement signals from Latin America . Anticipating better conditions in the coming months* " .

Ronny Forslund. The weekend will be spent with Radio Nord Revival at Kastellet Vaxholm and we will be running on 6035 kHz 0700-1900 UTC. Power 1 kW and the transmitter is located in Julita by Hjälmaren. Spare frequencies 6060 and 6130 kHz. There will also be FM broadcasts over Greater Stockholm on 91.9 MHz. Nice weekend!

[NORDX] Radio Nord Revival on shortwave Sept 4-5

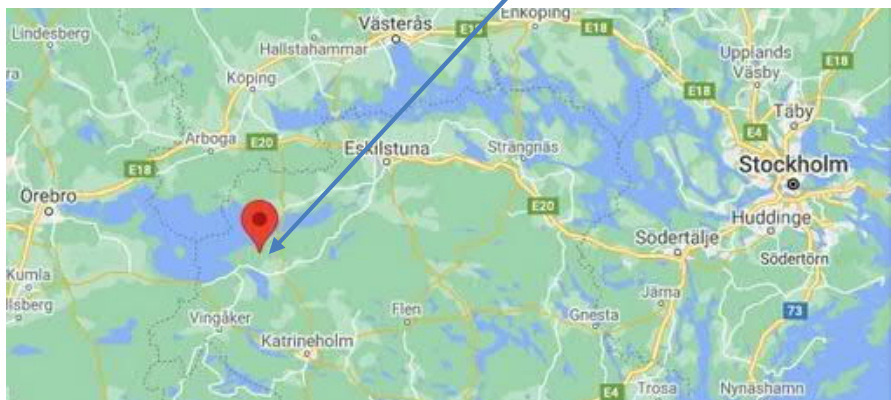


Radio Nord started its broadcasts at 10:00 on March 8, 1961 from the ship "Bon Jour" which was on international waters off Ornö, about 1 hour boat ride from Nynäshamn. It was transmitted at 495 meters medium wave. Radio Nord became hugely popular. Around the clock, music was played interspersed with news and advertising.

More information & pictures, see:

<https://www.facebook.com/groups/144438508950612>
(TN)

Julita



2598U	Aug23	0010	VON St. John's Newfoundland weather information with good signal. (Wilkner)
3210U	Aug29	0540	Unique Radio, Tamworth. OK signal 0540 with ZZ Top 'Le Grange'. Back on air for a test 28/8 (Francis). Coming in quite well with Dragon's "It's been raining for so long", 0616. (Seager)
3310	Aug28	2340	Radio Mosoj Chaski, Cochabamba weak signal with yl in presumed Quechua. No music during this period. (Wilkner)
3910	Aug21	2106	Voice Of the People (cland.), Goyang. Kor to KRE, tks. Jammed. 24331 (CG)
3920	Aug27	2107	R.Piepzender. Dutch songs. ID via DX press. 35332 (CG)
3930	Aug21	2107	Voice Of the People (cland.), Goyang. Kor to KRE, tks. Jammed. 24331 (CG)
3955	Sep2	2120	Channel 292, Rohrdorf. G, songs, tks. 35242 (CGS)
3975	Aug23	2037	Shortwave Gold, Winsen. It, DX px Scorribande, nx in E at 2100. 6160 airing px in E. 35332 (CG)
3980	Sep3	2046	R.Echo of Hope. Kor to KRE, tks. 15341 (CGS)
3990	Aug24	1240	Gannan RTV, Hezou. At 1240 in Tibetan with long commentaries. Poor signal and one of the few remaining low-powered Chinese outlets with 15 kW into a non-directional antenna. Scheduled to run // 5970 (also 15 kW) but blocked there by the co-channel WEWN. (Wagner)
4747	Aug24	0035	4747 & 4783 approx., scratchy matching spurs 17/18 kHz both sides of 4765, R. Progreso; barely audible vs storm noise level, lower one also QRMing CODAR. An undated item in disgraced FB via SW Bulletin refers to RP being off the air "this evening" for maintenance. Maybe that was UT Aug 11 when I found 4765 missing as were the spurs. But now it's clear they did not fix them and may well not even know about them. Stations do not read my monitoring at their own risks. (Glenn Hauser, OK, WOR)
4765	Aug22	1935	Tajik Radio, Dushanbe, Tajik, songs and comments. (Méndez)
4765	Aug23	-0400*	Radio Progreso, Bejecual, Cuban songs, id. "Radio Progreso", "Radio Progreso les ha ofrecido su programación habitual..." Anthem and closed. (Méndez)
4765	Sep3	0342	R. Progreso is OFF, despite sked as 0030-0400. Something's always wrong at RadioCuba. BTW, proper Spanish words lack double-S; possible in Italian names, etc. (Glenn Hauser, OK, WOR)
4790	Aug31	2226	WBCQ, Monticello ME. E, rlg. propag. 25341 (CG)
4810	Sep1	0627	JBA carrier vs constant STANAG uteblob circa 4812. Possibly R. Logos, Chazuta, Perú, active? Tho Aoki shows it as the only 4810 station and at 0900-2400 only. WRTH agrees the only 4810 anywhere, anywhen is that 1 kW station, OAW9A. Nothing since 2019 or 2020 at http://www.ethnicradio.org which is missionary HQ in Orange, California. Not reported since late last year when there was also a lot of activity on disgraced FB: https://www.facebook.com/Radio-Logos-4810-Mhz-Chazuta-501777529885017 And only generic, undated info but with some still photos at: https://radiologoschazuta.com/es/ Of course, this 4810 could also be a ute (Glenn Hauser, OK, WOR)
4810	Sep2	0642	previous JBA carrier has improved to JBA music, so a broadcaster, vs CODAR and LSB tuning essential vs STANAG noise on 4812. Also 0659-0702+ but music continues, no ID. I still think it's likely reactivated R. Logos, Chazuta, as does Bryan Clark, New Zealand, who replies Sept 2 to my yesterday's report: "Glenn, I have heard non-stop music on 4810 LSB several times over the past week. I recorded the frequency on 29 August from 0723 past 0900 UTC and the music sounds like contemporary Christian vocals. The frequency measured here is 4809.993. I am now replaying my recording for any other clues and will advise, but my guess would be Radio Logos. Earlier today (0859 UTC) I discovered a Latin American station on 4939.973 with good signals, co-channel with the Colombian religious station. Latter was clear on the Bonaire KiwiSDR with only the barest trace of the other station showing on the waterfall. Checking an Argentinean SDR I found the mystery station was at good level. I have yet to replay my recording but suspect that this is Peruvian Radio San Antonio, which MWOffsets io Group lists as on 4939.971. Best regards from Mangawhai, New Zealand - Bryan Clark"
			4810 Sept 3 at 0105, via Bonaire SDR a definite carrier, but just a bit of talk modulation even in LSB tuning, S4 unreadable (Glenn Hauser, OK, WOR 2102)
4880	Aug23	2031	R.Echo of Hope (cland.), Nowong-gu. Kor to KRE, tks. 35342 (CG)
4885	Aug29	0000	Radio Clube do Pará, Belém, PA, enjoyable music and om talk, good signal. (Wilkner)

4885	Sep2	0645	Quarter-hour pips like a timesignal, Rádio Bandeirantes IDs and promos, which is the network R. Clube do Pará relays a lot; now no sign of a second carrier from Acre vs this S9/+10, biggest Brazie on band. By 0900, Bryan Clark, NZ, was hearing them both competing (Glenn Hauser, OK, WOR)
4885	Aug24	2137	R.Club do Pará, Belém PA. F/ball nx. Better on 27/8, 2110, rtd 2147. 35242 (CG)
4885	Aug31	0447	Radio Clube do Pará, Belém, relaying Radio Bandeirantes, news, soccer comments, advertisements, id. "Na Radio Bandeirantes", "1 hora 53 minutos". (Méndez)
4885	Sep2	1841	R.Echo of Hope (cland.), Nowong-gu. Kor to KRE, tks. 25342 (CGS)
4925	Aug28	2348	R. Educação Rural (or Radio Rural), Tefé; sermom speech. Unreadable, poor (LOB).
4925.2	Aug29	0010	Radio Educação Rural, Tefé, AM, very weak carrier with some audio at threshold. Thanks Lúcio Bobrowiec tip. (Wilkner)
4940	Aug31	0604	Religious Station, program "Lecciones de la Historia Colombiana", today about the Colombian rivers, at 0620 religious comments and songs. (Méndez)
4949.7	Aug20	1908	Radio Nacional de Angola, Mulenvos. Extremely weak, barely audible. (Méndez)
4949.8	Aug29	0010	Radio Nacional de Angola, rather weak signal. (Wilkner)
4950	Aug16	2246	R. Nacional de Angola, Angola, Mulenvos; male in portuguese talks "RNA trabalha 24 horas por dia". Poor, fady (LOB).
4950	Aug23	-1748*	AIR, Kashmir, comments. Extremely weak. (Méndez)
4965	Sep3	1805	Voice Of Hope, Makeni Ranch. E, songs, rlg. propag. 35343 (CGS)
5020	Sep1	1200	SIBC (5020), at 1200 UT with the usual ID in English and NA, which ended at 1202. A significant change today ; instead of non-stop music with no announcements, heard occasional announcers, along with the pop music, from 1202 till past 1410+. Too weak to ID this relayed programming, but in past years it was "Wantok FM" that was relayed. Perhaps others can ID this relay? Do not know what the schedule is now for SIBC on 9545. Recently I have not heard the former 0500* UT. What is the current schedule? Sept 4 - From 1025 through last check at 1210, SIBC was not heard on 5020, nor 9545. Continuing anomalies! (Ron Howard, California)
5020	Sep2	1845	Hi everyone. Just woke to find Vanuatu with opening announcements on 5040 at 1845 UTC, good clean signal. No sign of 5020 Solomon Islands as yet - but they were there last night (0700, 0900 UTC). Definitely missing on 9545 yesterday. Other observations: Indonesia 4750 missing today - had observed open carrier there earlier in the week. 3325 is audible in German as I type this (1850 UTC), but the transmitter is noisy. Regards, (Bryan Clark)
4924.97	Aug29		R. Educação Rural propagate well tonight into Perseus SDR server unit at Jeff AJIL, Rockland, Massachusetts US eastern coastal state province installation. Weak and Tiny at S=5-6 or -86.2 dBm. endless talk by BrasPort male voice. http://www.radiouralrtefe.com.br/ Radio Educacao Rural de Tefe-Tefe AM. 5 kW's ZYF271 AM 1030-0300 UT. (73 wb df5sx via HCDX)
5009.92	Aug13	1850	R.Madagasikara, Ambohidrano. Selections of Malagasy pops at 1850. Anncts and ID at 1900, followed by local news in Malagasy. News in French at 1930. Back into Malagasy at 1940 with Friday night Afro party music and chat; pleasant listening. Still going past 2010. Fair signal, 13/8 (Wagner)
5040	Aug29	1305	AIR Jeypore , nice subcontinent music. Audio at http://bit.ly/3mXfeIr . (Ron Howard, Asilomar State Beach, Calif.)
5040	Sep1	0129	S9 of dead air from RHC, where something is always wrong (Glenn Hauser, OK, WOR)
5040	Aug25	0557	JBA carrier, after RHC begone, and still past 0623. Must be R. Vanuatu, reported reactivated here as of August 24 by Lúcio Bobrowiec, Brasil after missing a month from any frequency, then also by Bryan Clark, NZ and Ron Howard, California; and Ivo Ivanov using remotes suggests they are staying on 5040 at all times. As soon as I heard 5040 I checked for second harmonic 10080 but nothing there. Same? transmitter when on 3945 would harmonicize persistently on 7890 and 11835, even 15780. Sunset at Port Vila 0639, not the exact SW site of Emten Lagoon, Efate (Glenn Hauser, OK, WOR)
5040	Aug25	0834	R. Vanuatu, Vanuatu; Poor to fair but better than 24/08 listening (LOB).
5055	Sep3	-1002*	Radio 4KZ, on Sept 3, with xmtr off at 1002:00* UT; continuing to go off the air about five seconds earlier each day, via a timer; whereas back on June 5, noted cutting off close to 1300:45*, so they have since made their usual seasonal schedule change. (Ron Howard, Asilomar State Beach, Calif.)
5895	Aug23	2003	Radio Northern Star, Bergen, pop and rock songs, "This is Radio Northern Star", "Radio Northern Star, your worldwide station". (Méndez)
5895	Aug28	2134	R.Northern Star, Erdal. Songs. 25341 (CG)
5915	Aug24	0425	Zambia NBC, Radio 1, Lusaka, African songs, Vernacular, comments. (Méndez)
5915	Sep2	2124	ZNBC-R. 1, Lusaka. Vn, tks, phone-ins, mx. 35242 (CGS)

5915	Aug29	1314	Myanmar Radio , Buddhist religious service; mixing with CRI. Audio at http://bit.ly/3sUEZd8 . (Ron Howard, Asilomar State Beach, Calif.)
5920	Sep3	0900	VOF, back to alternate frequency of 5920, (ex: 6045). 0900+. 0900 - Time tone; station jingle "jinsil-e soli, huimang-e soli, jayu-e soli bangsong!", "Jayu-e solibangsong-eseo ohu 6 (yeoseos) sileul allyeodeulibnida" ("Voice of Freedom announces 6pm"), "Bodo gwangjang" (News Plaza). http://bit.ly/2WK6JoS . 0915 - "Ma-eum-e swimpyo" (Resting heart). http://bit.ly/3jEUinl . 0920 - "Kkumkkuneun cheongchungeug" (Dreaming youth drama). http://bit.ly/3yHpmHk . 0930 - http://bit.ly/3DUQeHM - ?"Hanminjog tong-illo milaelo"? (Korean people, to unity, to the future) 1000 - "Maeil geudaewa" (Everyday with you). http://bit.ly/3DO3mOW . 1050 - "Ulisoli hanmadang" (Our sound festival). http://bit.ly/2YgbIhl . 1050 - "Ulisoli hanmadang" (Our sound festival). http://bit.ly/2YgbIhl . (Ron Howard, Asilomar State Beach, Calif.)
5990	Aug27	0243	RHC English, ``Ed Newman`` ending mailbag, on wrong frequency used for CRI relay earlier, instead of vacant 6000, // correct 6165. Neither 6000 nor 5990 still on by 0600. At 0244, 11670 correctly in Spanish and 11850 but 11760 is off. 11980 at 0245 is S8-S9 but JBM, probably 2 x 5990 but can't make a match. Something's always wrong at RHC (Glenn Hauser, OK, WOR)
5995	Aug21	2305	Radio Mali, Bamako weak (Paszkiwicz WI)
5995	Sep4	1845	Radio Mali, Bamako, African songs, at 1852 English weakly program "English Magazine", news and comments in English. (Méndez)
6000	Sep1	0629	RHC English is still on here; normally turns off by 0600. The rest of The Cuban Five are also running late: 6060 undermodulated with some hum but not a lot of buzz; 6100 VG S9+20; 6165 undermod, all in English, and 5040 in music, Spanish service. Something's always wrong at RHC (Glenn Hauser, OK, WOR)
6015	Aug24	0350	Zanzibar Broadcasting Corporation, Dole, Swahili, comments. At 0400 eclipsed by Romania on the same frequency. (Méndez)
6020	Aug22	1752	Radio Delta International, Elburg, pop, oldies, id. "Radio Delta International". (Méndez)
6035	Sep4	0805	R Nord Revival with Siw Malmqvist "April, April". Strong signal but some click problems in the carrier. (TN)
6035	Sep5	0900-	Radio Nord Revival ist auch heute wieder zu hören. Auf 6035 kHz wird den ganzen Tag aus Julita am Hjälmaren See gesendet. Eine seltene Gelegenheit Kurzwellenradio direkt aus Schweden zu hören. (Christoph Ratzer)
6050	Aug22	-0500*	HCJB, Pichincha, Ecuadorian songs, Spanish, comments, id. "HCJB", anthem and closed. Strong QRM from Algeria on the same frequency. (Méndez)
6060	Aug29	1400	6060 // 7225, Sichuan PBS-2 . Happy to find them still with the usual multi-language IDs at ToH - "Sichuān mínzú guǎngbò, Sichuan Ethnic Radio ," plus "Coming up next"; 6060 slightly better reception. Perhaps today's recording was the clearest so far, posted at http://bit.ly/3jsMEwo (English ID 0:25) (Ron Howard, Asilomar State Beach, Calif.)
6070	Aug30	0601	CFRX, Toronto, English, news, comments. Strong QRM from Channel 292 on the same frequency. (Méndez)
6080.1	Sep2	2122	R.Marumby, Curitiba PR. Rlgs. propag., wx rpt, advs. QRM de CHN. Inaudible on // 9515. 34342 (CGS)
6115	Sep4	-1829*	Radio Congo, Brazzaville, French, news, male, female. (Méndez)
6140	Aug22	1832	Radio Onda, Borculo, Brazilian songs, pop songs, id. "Radio Onda". (Méndez)
6150	Aug23	0706	Europa 24, Datteln, English, news, comments, English. (Méndez)
6160	Aug23	2035	Shortwave Gold, Winsen. E mx, tks. ref. to the old stn name (!). 3975 airing the Italian DX px Scorribande. 35433 (CG)
6185	Aug23	0550	Radio Educación, Ciudad de México classical music, id. at 0601, "Radio Educación, la radio cultural de México", opera songs. (Méndez)
6185	Aug29	0903	R. Educacion, Mexico, Mexico City; instrumental music selections, female announcements. Weak (LOB).
6185	Sep2	0625	Radio Educación, Ciudad de México, music, songs. (Méndez).
6185	Aug22	1840	Radio Classic Sunday via Radio Piepzendez, Zwolle, songs, Dutch, comments, id. "Radio Classic Sunday. // 3920. (Méndez)
6185	Aug31	1715	Radio Piepzender, Zwolle. Music "From the 60s to the 90s." 3 (CB)
6245	Aug23	1848	R.Echo of Hope (cland.), Hwaseong. Kor to KRE, tks, mx, nx (p) at 1900. Adj. uty. QRM. 34443 (CG)
6250	Sep3	1820	R.Echo of Hope (cland.), Hwaseong. Kor to KRE. Jammed. 34432 (CG)
6340.2	Aug30	2126	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25342 (CG)
6370.2	Aug30	2124	Sound Of Hope R Int'l. Mand to CHN, tks. 25341 (CG)

6507	Aug31	2235	VFF Iqaluit Garde Côtière, Iqaluit. E, wx rpt (?), navig. warnings. 15331 (CG)
6970.1	Aug30	2128	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 (CG)
7140	Sep2	1806	Voice of Broad Masses, Asmara, Vernacular, East African songs. Ham QRM. (Méndez)
7245	Sep2	0600+	no signal from RNZP which is supposed to start this frequency now; nor any on 11725, scheduled until 0559. But Ivo Ivanov, Bulgaria, was tracking it: ``Radio New Zealand Pacific on wrong frequencies at 0600 UT, September 2: till 0604 on 13840 instead of 11725 kHz; from 0604 on 11725 instead of 7245 kHz; from 0614 on 7245 RAN 050 kW / 035 deg to All Pacific English, as scheduled in A-21`` When I check again at 0649, 7245 has indeed come up. A Thursday so maybe disrupted by maintenance testing (Glenn Hauser, OK, WOR)
7245		0735	RNZ hrd in English with an interview into pop music, signal was fair (Ron Trotto)
7255	Aug18	0615	Voice of Nigeria, Nigeria, Abuja Luabe; non stop male in hausa talks. Fair to good (LOB).
7254.9	Aug23	0652	Voice of Nigeria, Abuja Lugbe, Vernacular, comments, id. "Voice of Nigeria". (Méndez)
7600			Dave Kenny: <i>what is the correct position regarding the Afghanistan operation on 7600 kHz?. It is not // to 1107 kHz. I have not been following it too closely.</i> Yes Dave and friends still have quite a few exciting stations to hear. Two weeks ago after VOA 1575 kHz s.off at 1800 UTC I heard a faint BBC World Service signal. The characteristics of the audio made me believe that it was BBC, but I didn't know BBC could be there. So waited on frequency and it came up to a clear level. Turned out to be BBC relay from the Mauritius 2kW. Wow!!!! Looking at the WRTVH 2021 there is hardly any Medium Wave activity from former stations in Africa which had domestic SW. All gone to FM. Where have all the good countries gone? I am digging the info available and trying to hear some of them, By the way I am using a 110foot long wire just 8 feet off the ground like a BOG about 100feet away from my house, feeding with RG213 coax and a 9:1 Balun at the feed point. It is quiet compared to my dipoles and G5RV etc. Also use a Homebrew loop with a preamp in the garden and it is quite directional. Greetings everyone. (Victor, via DXPlorer)
7600	Aug20	2006	Afghanistan International TV; relayng AITV audio: male talks, people screaming, incidental background music. Poor to fair (LOB).
7730.1	Sep1	2142	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 (CG)
7780	Aug28	0200	7780 // 5800, WRMIs with another TRSW relay of a European low power, this one licensed on 6020, Radio Delta International. Publicity continues to overlook 7780. Both are S9+10/20 here but not unnoisy. Starts with a bit of YROT theme, Second Mate Susan ID, Cap'n Ric introducing RDI. Starts with RDI's very own theme song with Dutch lyrics including kilohertz. 0204 greeting from Andy in Switzerland, and someone else, presumably listeners rather than Deltans. 0213 QSL address as radiodelta@icloud.com --- then I realise I am missing the Wiener Philharmoniker Summer Night Concert, on PBS! Over to OETA on RF 13 for my attention, undivided except for stereo to one ear each. I'll have to catch the repeat 3 hours later for the first part. Great music, and scenery, but still hard to spot the token females in the orchestra (Glenn Hauser, OK, WOR)
7810.1	Sep2	2130	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25342 (CGS)
9120.1	Sep3	1812	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25331 (CGS)
9280.2	Aug27	2120	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25331 (CG)
9420		0555	Voice of Greece heard in Greek at 0555 utc with Greek pop music id by female and is at 0559 utc signal was good. (Ron Trotto)
9550	Aug23	2005	Radio Boa Vontade, Porto Alegre, religious comments and songs. (Méndez)
9550.1	Sep2	2126	R.Boa Vontade, Pt.º Alegre RS. Rlgs. propag. // 11895.198 vy. poor + adj. QRM. (CGS)
9665.8	Sep1	2140	R.Voz Missionária, Camboriú SC. Rlgs. propag., songs. 35332 (CG)
9770		0535	Voice of Turkey hrd in Turkish at 0535 utc with Turkish music. Id heard at 0545 utc fair signal. (Ron Trotto)
9790	Sep1	0637	huge S9+20 open carrier. RFI is scheduled at 0400-0700, but I think this must be CRI relay transmitter still on air after 0300-0457. Something's always wrong at RadioCuba (Glenn Hauser, OK, WOR)
9790		0515	France Inter. in French fair signal with tk mentions of Africa id at 0525 utc (Ron Trotto)
9819.1	Aug23	2015	Radio 9 de Julho, Sao Paulo, religious comments. (Méndez)
9819.2	Aug31	2239	R. 9 de Julho, São Paulo SP. Tks. Adj. QRM de CHN on 9820. 14341 (CG)
9835	Aug24	0903	Sarawak FM, Kajan, Malaysian, comments, songs. (Méndez)
9835	Aug29	1240	Sarawak FM , DJ playing pop songs; fair. Not // 11665 Wai FM (very poor). (Ron Howard, Asilomar State Beach, Calif.)
9665.786	Aug27	0623	RVM with music S3-S6, frequency wobbling audibly, but at one measurement as above (Glenn Hauser, OK, WOR)

11670		0605	RHC heard in English with the news id at 0605 signal was weak. (Ron Trotto)
11735	Aug22	1732	Zanzibar Broadcasting Corporation, Dole, Swahili, comments. (Méndez)
11745	Aug21	2310	Al-Azm R weak to fair in AR. mx beteen talk segments (Paszkievicz WI)
11780	Aug22	2010	Radio Nacional da Amazonia, Brasilia, live match Flamengo vs Ceará. (Méndez)
11815	Aug23	0902	R Brasil Central, Goiania, Brazilian songs, comments. (Méndez)
11815	Aug21	2325	R Brasil Central fading up for the evening. 11780 already loud & clear (Paszkievicz WI)
11815	Aug31	2237	R.Brasil Central, Goiânia GO. Songs. Audio a bit strgr. than usual. 25331 (CG)
11895.2	Aug28	2120	R.Boa Vontade, Pt.º Alegre RS. Tks. Adj. QRM. 13441 (CG)
11905	Aug19	-0057*	Sri Lanka Broadcasting Corporation – Trincomalee, tuned in to a woman announcer speaking in the Hindi language apparently hosting a music program. This was followed by nice female vocals accompanied by flute music. Off suddenly mid-song without any closing announcements. Fair signal on a night that the remnants of tropical storm Fred was blowing through the region. (D'Angelo-PA)

Rich. Thanks for the report on Trincomalee. The TX is needed for an AWR transmission 0100-0200, so it goes off at 0057. Poor coordination between the programmers and TX site. No one to tell the programme to wind up at 0056.30. I wish I can take over the running of the station..bah too much politics involved. If you need a QSL, I can E-QSL you..just for kicks.!!!

I too have been following CRI Mali this week. Very interesting propagation on HF as it's an all tropical path.

On MW I have been following Mozambique and it's very interesting. One of the few countries that still has MW. Most African stations have left the Medium Wave band. Just for a DXer's heart, last night Em. Pr. Pemba 1224 kHz...ID at 1.44 on the clip. You can listen on line, but then can a studio quality on line reception ever catch the thrill and the romance of an off the air signal?? Enjoy.

<https://app.box.com/s/68y0kq5d1pr7mbpf0kgtthtc3b8x7hfp>

14920	Sep3	1643	Sound Of Hope R Int'l (p), unk. site. Mand sounding tks. 15331 (CGS)
15140	Sep3	1451	RHC back on today after excursion to 15370 yesterday, but it's suported S9/+10. 15230 is always weaker, S5-S9 but sufficient modulation. 11760 is S9/+10 but undermodulated at 1455. Something's always wrong at RHC (Glenn Hauser, OK, WOR)
15190	Aug23	2001	Radio Inconfidencia, Belo Horizonte, "Trem Caipira", Brazilian songs. (Méndez)
15190.1	Sep3	1632	R.Inconfidência, Belo Horizonte MG. Px Almanaque. 35332 (CGS)
15476U	Sep4	1708	LRA 36, Radio Nacional Arcángel San Gabriel, Base Esperanza, 1708-1903, songs in Spanish, at 1731 comments by female in Spanish and Base Esperanza song, id. by female heard at 1746: "Radio Nacional Arcángel San Gabriel", more songs, id. by male at 1754: "Nacional, la radio pública", id. by female at 1810: "... por LRA 36, Radio Nacional Arcángel San Gabriel", at 1828 song "Gracias a la Vida" by Chilean singer Violeta Parra, "Están escuchando El Lejano Sur por LRA 36...", at 1859 song "Un Velero llamado Libertad" by Spanish singer José Luis Perales. Very weak and strong fading at first, but improving signal as the evening progress here in Reinante. Checked in previous hours and no signal here. (Méndez)
15475.98	Sep4	1505	-RCUSB, LRA36 is back! After a month away, good S5-S4 into Brasil remote with Antártida theme song as I intune, more and more songs until 1542 ``a partir de este momento`` as if signing-on, multilingual IDs including English just to inform us that the broadcast is in Spanish; historical talk about Mendoza and San Martín, subject of today's `El Lejano Sur` program, i.e. not about Antarctica at all, per se. 1544 Anta. song again; 1545 produxion credit for this `Wednesday` show; current? weather: low -26 C, can't copy the high. Contact info including whatsapp, phone, correo, etc. 1551 QRM? from some beeps and tones, V only briefly. 1556 `Nacional, la Radio Pública` ID; 1613 ID and contact info again, more of same past 1654 Anta. song again; and still past 1714, but since 1606 I'm mainly listening to `The Score` cinemusic on KUCO, and then the opera. Finally turned off at 1907*. Meanwhile, I see that Manuel Méndez, Lugo, Spain had posted this at 1302: ``The LRA 36 team informed via whatsapp that they will be on air today Saturday, 15476usb, at 1400 hours after they fixed the fault they had in the station antenna`` (Glenn Hauser, WOR)
15790	Aug22	1455	World Music Radio, Randers, 10 watts power, id. at 1503: by female "This is WMR, World Music Radio", more songs, new id. at 1508: "World Music Radio", 1509 reggae song, at 1512 identification in an unknown language and another song, in English, id. at 1515 "World Music Radio", and Brazilian song, at 1521, song "Qué suenes los tambores" by Cuban singer Laritza Bacallao. Weak to fair signal. (Méndez)

Pirate Stations

3910	Aug29	0046	Radio Compania Worldwide, Chile; orchestral music, male in spanish announcements. Poor (LOB).
3919.6	Sep3	2044	Continental R - pir. Du, pops, tks. Deteriorating. ID via DX press. 35342 (CGS)
3940	Aug30	-2141*	R.Horizon Int'l. - pir. Du, pops, Dutch songs, tks, mx. Improving, rtd. 35332 at 2140. ID via Twente Web SDRx. 25341 (CG)
4870	Aug22	2010	Mystery 21, songs, id. "Radio Mystery 21". (Méndez)
4895	Aug29	1927	Free R Service - pir. E, pops, tks. // 6185 much better. Better at 2130, rtd. 35343. 35332 (CG)
5015	Sep3	2106	R.Deltracks - pir. Pops. ID via DX press. 25341 (CGS)
5019	Aug23	2033	R.Deltracks - pir. Songs, pop oldies. 35332 (CG)
5140	Sep3	1809	Charleston R Int'l. - pir. Oldies. 35332 (CGS)
5880	Aug28	2132	R.Rock Revolution - pir. Pops. 35332 (CG)
6005	Aug28	2136	R.Delta - pir. Pops. ID via DX press. 35443 (CG)
6185	Aug29	1928	Free R Service - pir. E, pops, tks. // 4895 worse. 35343 (CG)
6255	Aug29	1925	R.Batavia - pir. Du, songs, tks. 35343 (CG)
6265	Aug29	2107	R.Black Bandit - pir. Pop oldies, Dutch mx. 35443 (CG)
6285	Aug21	2231	KR-1 - pir. Du, pops, tks 35342 (CG)
6285	Aug28	2117	R.Ronalisa - pir. E, pops, e-mail addr. anns., tks. Uty. QRM. 33442 (CG)
6290	Aug27	2116	R.Ronalisa (t) - pir. Pops, tks. Uty. QRM. T-ID via DX press. 33441 (CG)
6305.1	Sep3	2048	R.Merlin Int'l. - pir. E, tks, pops. Uty. QRM. 24241 (CGS)
7700.1	Aug29	2111	Free R Service - pir. E, thanking for rec. rpts., pops. // 6185, 4895. 35443 (CG)

Contributors to the log:

wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, DXLD, DXplorer, A-DX Glenn Hauser, Enid, OK, USA (also from WOR/DXLD) Ron Howard, Asilomar State Beach, CA, USA, WOR/DXLD CB, Christer Brunström, Halmstad, Sweden Sherry Paszkiewicz Manitowoc WI Ron Trotto-WDX4KWI – Virden, Illinois Rob Wagner Vic. Australia	CG/CGS, Carlos Gonçalves, Lissabon, Portugal Manuel Méndez, Lugo, Spain LOB, Lúcio Bobrowiec, Embu, SP, Brasil Robert Wilkner, Pompano Beach, South Florida [WOR] NZ DX Times items, September Craig Seager, VK2HBT, Bathurst NSW Matt Francis NSW, Australia Christoph Ratzler, Salzburg, Austria
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Don't forget to take a look at Rudolf Grimm's blog here: <https://dxways-br.blogspot.com/>

Station news

AUSTRALIA. Re: [WOR] Unique Radio Australia 3210 USB

Fair signal here in far northern beaches region of Sydney around 0540 with ZZ Top's Le Grange as part of a test tx. (Matt Francis, Bilgola Plateau, NSW, Australia)

Nothing on website <https://www.uniqueradio.biz/> about SW even testing. Now labeled as 2SG as if that were a real Aussie callsign. Search finds 2SG is also name of unrelated business. (Glenn Hauser)

I've reverted the name back to 'Unique Radio Australia', thanks for that. all the best. (Aussie Tim)
(via WOR)

GERMANY. [nordx] A New Name for Shortwave Radio in Germany



Celebrating four years of broadcasting on 3975 and 6160 kHz - it is time for a change!

Shortwave Radio is now Shortwave Gold!

<https://shortwavegold.org/>

(Kari Kallio via NORDX)

CHINA. Re: China transmitters: Apparent upcoming changes.

I think the discontinuation of the German service is a plan to gauge the size of the listening audience, and to determine whether it is economic to continue with short wave. Perhaps CRI is waiting to see how many listeners will write in and complain that the regular programmes in German are missing. If they get a lot of responses, they could reinstate the programmes on short wave. (Alan Holder G4ZBH, Isle of Wight, U.K., wor Sept 1)

Discontinuation of various CRI services by endless Chinese national MUSIC ONLY programme noted on Sept 1st to 05th see check data tonight on German !, Albanian, Amoy, Bengali, Bulgarian, Cantonese, Chaozhou, Croatian, Czech, Filipino, Hakka, Italian, Khmer, Korean partly, Polish, Portuguese, Romanian, and partly some other languages also ?

Still in full CRI foreign service programme noted Chinese, English, Esperanto, French, Arabic, Russian, Spanish, Filipino partly, Hindi, Hungarian(!), Indonesian, Japanese, Khmer, Lao, Malay, Mongolian, Nepalese, Pashto, Persian, Serbian (!), Sinhalese, Swahili, Tamil, Thai, Turkish, Urdu, Vietnamese.

(wb., via wwdxc BC-DX Topnews Sept 5)

MADAGASCAR today Aug 31, **Voice of the National Unity Government of Myanmar**, via MGLOB Talata Volonondry Madagascar relay facility, 12000.003 kHz measured, at Bandung Kiwi-net S=9+30dB -40dBm signal, 13.30-14.00 UT Radio NUG in Burmese. I prefer this 25 mb channel selection fq.

(73 wolfy df5sx)



Myanmar shadow government launches **Radio NUG**, New clandestine * Radio N U G National Unity Government of Myanmar. https://www.youtube.com/watch?v=5QLI_FEbvoc

First of all, we like to wish all our peace loving citizen of Myanmar healthy, happy and loved each other. The military junta trying to cutout all communications like TV channels, Radio, Internet between general public and our NUG government. Today we are introduced the National Unity Government's radio station called "Radio NUG" on shortwave to update and inform Myanmar public. The station will broadcast twice daily from 8.00 a.m. in the morning and 8.00 p.m. in the evening (Myanmar Standard Time) on the frequency of 17.71 MHz in the 16-meter

band shortwave. We want all the people to listen to our daily broadcast from Radio NUG and support us to make success our protest against military junta. Remember the frequency is 17.71 MHz and time is 8.00 am. In the morning and 8.00 p.m. in the evening from Radio NUG.

(via Indian DX Club International)



Radio NUG 12000
kHz 01.09.2021_13.3

Radio NUG, 12000 kHz very good. only start up music too loud. at 1330 UTC.

(Victor Goonetilleke)

Other radio news

Sept 2021 issue of Asian DX Review published by IDXCI is now available

The Sept 2021 issue of Asian DX Review published by IDXCI is now available. Contains an interesting article by Alokesh Gupta - "All India Radio Leh celebrates 50th Anniversary," with very good background info about this rarely reported station on 4760 kHz.

<https://idxci.in/wp-content/uploads/2021/09/ADXR-Volume-39-No-563-September-2021.pdf>

Thanks to Jose Jacob for providing a copy!

(Ron Howard, California)

Rare AEG Telefunken E1800 receiver fetches over \$5,000 US

Many thanks to *SWLing Post* contributor, Dan Robinson, who writes:



There were 54 bids for this AEG 1800, demonstrating that rare premium sets such as this, and especially Japan Radio Company (JRC) receivers, still attract major interest from collectors.

Most impressive, Dan. It truly amazes me to see the prices rare commercial-grade receivers fetch these days. I'll be the first to admit that an AEG E1800 would look great in my shack!

Thank you for sharing, Dan.

(via *SWLing Post*)

Der Preis ist absolut überzogen, realistisch werden E1800 bei uns zwischen 1500 - 2500 Euro gehandelt, je nach Ausstattung und Zustand.

73 Christoph Ratzler via A-DX)

Re: [jaguarpro] Nico (Microtelecom/perseus)

Microtelecom is now part of ELAD: <https://www.eladit.com/en/about-us>

(73 Albert Kosnopfel)

Tnx for info, AK! I wonder if this means extended lifespan / support also for Perseus ...

(73 / IPA)

Depending on what kind of contract Nico and ELAD made. Perseus SDR is now more expensive than 15 years ago when I bought mine. And there are only three in stock!

(73 Albert)

Paul Jones, Head of Sales & Technical support for Elad-USA writes on Perseus SDR FM: Elad took over the Perseus production, Nico can now concentrate on software and other great combined things, working with Franco, I guess we'll be starting an "official" group also, watch this space...

(Mauno Ritola)

Yesterday I sent an email to Paul Jones re the purchase of Microtelecom (Perseus) by Elad. My concern was Elad going to continue supporting Perseus, below is Paul's reply.

Yes we purchased microtelcom the website is new <https://microtelecom.it/en> We are now building the Perseus sdr and nico now works with us The Perseus is Fully supported by Elad. Paul

(Everett N4CY)



Radio Nord's studio in the old days.

.. några bildkap från RNR:s fb-sidor.. tack!

(mvh Kari Kallio via NORDX)

[WOR] Fw: [AER EDi] Russian portal for downloading radio publications

Many of the titles are in English, besides Russian. google translation:

RadioHata.RU. Portal for radio amateurs, beginner radio amateurs, Arduino, Raspberry Pi, books on radio engineering and electronics, simple circuits, circuits, radio engineering magazines, videos, programs for radio amateurs.

Download magazines: AudioXpress, Circuit Cellar, CQ Amateur Radio, Electronics For You, Elektronika dla Wszystkich, Elektorlabs, Elektor Magazine DVD, Elektronika Praktyczna, Eletttronica In, ELV Journal, Funkamateu, Hi-Fi World, Klang + Ton, Nuts and Volts, Prakticka Elektronika A Radio, Practical Electronics, Practical Wireless, Radio User, QST, Servo Magazine, Silicon Chip, Swiat Radio, The MagPi.

Download: Radio Magazine, Radiomir Magazine, Radioamator Magazine, Radiolotsman Magazine, Radiokonstruktor Magazine, Radio Scheme Magazine, Radio Hobby Magazine, Repair and Service Magazine, Components and Technologies Magazine, Electronic Engineering Magazine.

(Editor's note): Free to download, everything specified. There are two download systems: "free" and "Premium", the first slower and the second faster and paying. There are five download sites, one of them is free and it is Russian. Oxy Cloud. <https://oxy.st/d/Ybje> . As always in these cases you have to be careful and use the antivirus for safety.

Portal address; <https://radiohata.ru/>

(Collaboration sent by José Hernandez Madrid via WOR)

Radio receivers of the legend of the VEF plant. In Russian.

<https://www.youtube.com/watch?v=dv3SLlzv2ao>

VEF Hatis collection.

Video - 25:08. Russian language.

Our guest:

Hatis collector: Facebook RetRadio <https://www.facebook.com/anolbergs/>

Thanks to the collector's activities, the second life of the radio receiver appeared in the models:

- RMK
- VEFAR 2LMD / 37
- VEF SUPER MD / 38
- VEFON M 617
- VEF SUPER LUX MD / 37

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

(RUS-DX #1148)

Malachite DSP2 Updated SDR Receiver. In Russian.

Video - 18:37

https://vk.com/dxing?z=video-3271973_456239071%2Faf846ecacc07e71f04%2Fpl_wall_-3271973

Buy Malachite DSP2: <https://malahiteam.com/> or malahiteam@gmail.com Layers 1-4 boards for \$ 2, \$ 18 coupon for registration: <https://jlcpcb.com/DYE> RadioForum: <http://hamforum.ru/> Our WebSDR receiver <http://hamsdr.ru/> Advertising on the channel: <https://goo.gl/UOI01I> To support the channel: <http://www.donationalerts.ru/r/hamradiochannel> R128426360516 Z284799028479

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

(RUS-DX #1148)

SW receiver Belka DX. In Russian. Video - 8:06

Mini-review of the compact shortwave Belka DX receiver from EU1ME.

https://vk.com/radioreceiver?z=video-163779953_456241785%2F44ae7bc934c77fc445%2Fpl_post_-163779953_54044

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

(RUS-DX #1149)

RADIORAMA PUBLICATION



Latest issue, no 112, of the elegant publication Radiorama can be downloaded here:

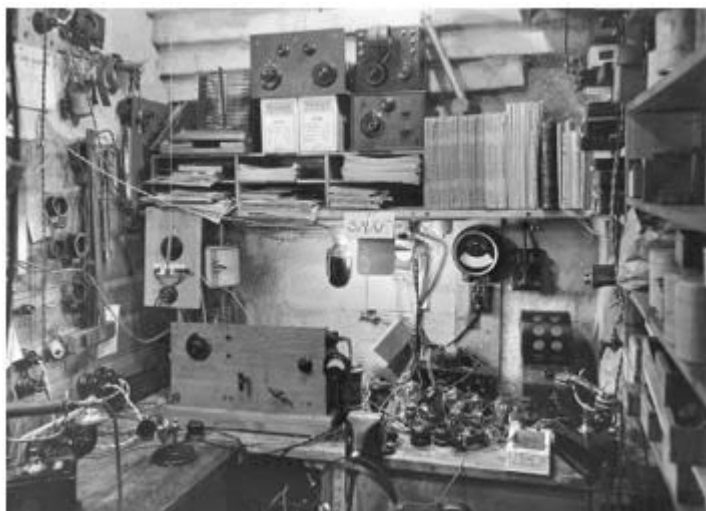
<https://www.air-radio.it/index.php/indice-radiorama/>

[NORDX] Rundradions historia i Finland går tillbaka ända till 1900-talets början.

<https://svenska.yle.fi/artikel/2015/02/01/oy-suomen-yleisradio-ab-rundradion>

(Kari Kallio)

[NORDX] RADIO HISTORIA: Rudradion i Gävle Gävle Rundradio SMXF



Mera Radiohistoria. Denna gång från GÄVLE:

[Gävle rundradio SMXF 1925 – 1972](#)

[Föredrag av SM3CLA Karl-Olof Elmsjö som berättar om Gävle mellanvågssändare. Bildvisning för Gävle Kortvågsamatörer 2010](#)

(73 de Dan Andersson i Delsbo)

[WOR] Russia got interested in the old Lahti SW station in Finland

press the button languages > English; the text under the picture is that interesting - the **QSL-card of Lahti Shortwave station** (1938-1949) (1-15 kW = 3 transmitters) beside the famous LW radio station Lahti (1928-1993). The LW masts are still standing on the radio hill of Lahti. German quality!

This may be the 1st time the Lahti SW station is in the main role anywhere after the war. The SW transmissions from Lahti were mostly directed **to the Northern America**, USA - Canada. The radio war was waged mainly on the long waves!

Lahti SW station was the only window for the voice of Finland out to the world. So the American Finns could easily follow what was happening in their homeland, attacked by the Soviet Union without any further notice. The American Finns collected also a big sum money in order to help their homeland; it was very important. Btw in the first SW transmission in 1938 to the USA - there was very dignified program; **composer Jean Sibelius' Andante festivo** was played there and even (!) conducted by himself! Reportedly that has been the only occasion in the music history, he made that.

On the other hand the Lahti LW radio station was a constant object of the Soviet bombers, but thanks to anti-aircraft only one bomb did hit the station and after that it was two weeks silent. The rapid return on the air was only possible with the help of the Swedish LW radio station Motala, which donated similar several big radio tubes to Lahti stations! We are forever thankful for that! That was Well done! The raucous propaganda radio warfare was waged namely just on the long waves between Lahti and Leningrad/Moscow. Russians were shouting over the normal Finnish radio program their provocative slogans which similar might not have happened ever elsewhere before (?). As a counterblow Lahti started to answer to Russians in on air transmissions correcting the false statements as determinedly! Many contemporaries, Finnish radio listeners have afterwards described that this has been an amazing and exciting drama like in a movie. The Soviet radio propaganda was so very colourful and overshooting that nobody did not believe in that. Many has said that it rose mainly only good laughs. If somebody will write a book about radio wars - the Lahti section must be then one of the most interesting stories in that book!

<https://portalostranah.ru/view.php?id=452>

<https://www.lahdenmastola.fi/en/about-us/history-of-mastola-and-radiomaki/>

http://www.sibelius.fi/svenska/erikoisaiheet/ihmisena/ihm_04g.htm

<https://www.youtube.com/watch?v=vgXI8tnibmI>

(Kari Kallio via WOR)

Det här var med än vad du anade, bästa Kari. QSL-kortet från Lahti år 1938 som publicerades i den ryska Porgal Stranah var ställt till August Balbi. Jag brukar glömma en massa saker men nu var jag nästan sjukt minnesgod, sen gjorde spaning op nätet sitt. Balbi var enligt Jerry Berg en av de namnkunnigaste DX-- arna på kortvåg i USA USA på 1930-talet. Mitt minne kommer från ett nummer i Radio News som pappa köpte åt mig i pressbyrån på 1940-talet. Jag fäste mig vid namnet. Nu ser jag ett QSL med mexikansk folkbild som Balbi fick 1945. Mindre säkra är uppgifterna att han var född i Schweiz ca 1891 studerade vid universitet i Californien och sen bodde där.

MEN det är inte slut än. På samma portal ser jag till min häpnad Albert Engströms berömda affisch med en arg gubbe, ett fat kräftor och ett brännvinsglas samt texten KRÄFTOR KRÄVER DESSA DRYCKER! Det blev folkröstning om spritförbud i Sverige på 1920-talet. Förbudsmotståndarna vann med knapp majoritet,

Ja tänk vad ryssarna vet om finsk radio och den svenska spriten!

(Ullmar Qvick via NORDX)

Tack Ullmar för svaret!



"Balbi var enligt Jerry Berg en av de namnkunnigaste DX-arna på kortvåg i USA!" Ok, Balbi hade hört sändning där vart den var riktad till, i USA!. Balbi var alltså inte en sovjetisk dxare om sådana har inte ens existerat (?). Nu när du har smygöppnat svarta boxen, får jag även ett *vardøger* om att jag hade sett detta QSL någonstans någon gång i internets otaliga bildsamlingar! Alla Lahti-QSLs fastnar naturligt lättare än andra på näthinnan, men Balbis ursprungsland har haft helt en oklar bild.

När man använder en bild för illustrering av en artikel, tror man lätt oftast, att dessa skulle ha något sammanhang, men så är det inte heller numera i tidningar. Bildens funktion må vara ganska ofta tom. disig speciellt på omslaget. Ett charmigt ansikte säljer bättre än tvärtom... (mvh Kari Kallio via NORDX)

Jari Lehtinen hittade även bilden som publicerats på omslaget av radioamatörernas tidning år 1938. Bilden tycks vara densamma som på QSL.et. (Kari Kallio via NORDX)

[NORDX] Global Radio Guide: Summer 2021

During times of emergency and crisis, radio hobbyists worldwide turn on their radios and tune to the shortwave radio spectrum for context, perspective, and insight into what is happening around the globe. As tensions heat up in the world's hotspots, you can follow these events on the radio, but you need an accurate and comprehensive radio guide to know where and when to tune in to hear the action.

Teak Publishing is proud to announce the release of that all-important radio resource – the **Global Radio Guide (GRG)**, 16th edition (Summer 2021) e-book, by Amazon bestselling author Gayle Van Horn W4GVH. The book was formerly known as the International Shortwave Broadcast Guide.

This Amazon 'electronic' book is your ticket to travel the Global Radio bands. The heart of this publication is a 24-hour station/frequency guide with the latest Summer 2021 (A21) schedules for selected AM band, longwave, and shortwave radio stations. This unique resource is the only radio publication that lists by-hour schedules that include all language services, frequencies, and world target areas for over 500 stations worldwide. There are listings of DX radio programs and Internet website addresses for many of the stations in the book. There are also entries for time and frequency stations and a few other intriguing shortwave radio stations.

New in this 16th edition of the GRG is an article by Spectrum Monitor contributor/columnist Larry Van Horn N5FPW on a Cold War demon that has returned to the shortwave airwaves – The Infamous Russian Woodpecker. Another feature in this edition is written by the books' author, Gayle Van Horn W4GVH, and focuses on the 1982 Falkland Islands Radio War.

Spectrum Monitor editor Ken Reitz KS4ZR returns to the pages of the GRG with an in-depth look at the current Digital Radio Mondiale landscape. Spectrum Monitor's Fred Waterer checks in with a feature on listening to various shortwave radio stations from around the globe on shortwave. There is a short piece on Monitoring the Sound of Hope radio station.

There is an updated Teak software-defined radio (SDR) hardware/software buyers guide. Also in this edition is the latest radio news in Bits & Bytes, a Radio QSL Guide, Best of the Best DX shortwave program listings, and a listing of radio station Internet websites.

This edition also has introductory articles for beginners on Traveling the World via Shortwave Radio Broadcasts, Monitoring the Shortwave Action Bands, and Teak's Hot 1100+ worldwide utility station HF frequency list.

Global Radio listeners are routinely entertained with unique perspectives to events, music, culture, history, and news from other countries that you will not see or hear on your local or national broadcast channels. Global Radio broadcasts are not restricted by country borders or oceans and can travel thousands of miles, reaching millions of listeners worldwide, now in over 300 different languages and dialects.

Listeners can hear shortwave broadcast stations from hotspots such as China, Cuba, India, Iran, North/South Korea, Taiwan, and many other counties. If you have a shortwave radio receiver or Internet connection, and this unique radio resource, you will know when and where to listen to your favorite radio broadcast station.

This publication will have wide appeal to amateur radio operators, shortwave radio hobbyists, news agencies, news buffs, educators, foreign language students, expatriates, or anyone interested in listening to a global view of world

news and major events as they happen.

Whether you monitor shortwave radio broadcasts, amateur radio operators, or aeronautical, maritime, government, or military communications in the HF radio spectrum, this book has the frequencies to help you to hear it all. Teak Publishing's Global Radio Guide "brings the world to you."

For a complete catalog of all Teak Publishing's available radio-related titles visit the company website at <http://www.teakpublishing.com>.

(Kari Kallio)

Cuba Jamming to Radio Amateurs

By: Martin Butera



Waving Cuban flags and shouting "Homeland or Life!" Thousands of Cubans both in Havana and Miami have been participating in the historic demonstrations against the Cuban government to demand a change on the island, plagued by the economic crisis, political and social.

Cuba is blocking amateur radio frequencies to stop communication inside and outside of Cuba. Not only is there an internet blackout, now there is also intentional interference in the 40-meter band of radio amateurs. Cuban radio operators communicate regularly between Florida and Cuba. Last week, mysterious signals coming from the eastern part of the island blocked the frequencies of the 40-meter band.

As protests swept through the streets of Cuba on July 11, 2021, something strange was happening on the radio waves. Radio amateurs in the United States discovered that parts of the popular 40-meter band were suddenly being inundated with interference. Radio amateurs in Florida reported that the signals were stronger there, enough to make communication with radio amateurs in Cuba impossible. Cuban radio amateurs generally have 40-meter radios that were built many years ago. Since the vast majority do not have funds to buy commercial equipment.

In addition, the rebound of the 40-meter band facilitates access to areas of the United States that have a larger Cuban population. These new mysterious signals lasted for several days, but they could not only be captured in the United States, they also reached Europe and could be heard in some regions of Western Europe such as the United Kingdom, France and Spain. In South America, in the city of Brasilia Distrito Federal (capital of Brazil), where I currently live, I was able to capture the powerful "Jamming". The word "Jamming", today most radio amateurs and listeners use this term, to describe the deliberate use of radio noise or signals in an attempt to interrupt communications or avoid listening to transmissions.

Josh Nass (KI6NAZ), radio amateur from California and owner of the YouTube channel HRCC (Ham Radio Crash Course), was one of the first to try to locate where the interference was coming from. Josh Nass (KI6NAZ) says in his video: "I noticed the interference that covered much of the 40 meter band. Then I had messages from many Cuban-Americans who are radio amateurs to inform me that it seemed like a coordinated interference effort." This made me turn to the KiwiSDR network and the TDoA algorithm. "Indeed, in parallel many of my friends were also doing the same, and to a large extent we obtained the same result, that it seems that the signals come from the eastern side of Cuba." Here you can see Josh Nass's (KI6NAZ) video on this topic: <https://youtu.be/dtlCIDDvnPw>

Bob Inderblitzen (NQ1R) of the American Radio Relay League (ARRL) spoke on the matter. "We are aware of amateur radio reports of non-amateur signals observed on the amateur radio bands, and most likely originating in the direction of Cuba," says Bob Inderblitzen (NQ1R) of the ARRL. However, because American radio amateurs have access to so

much spectrum, and therefore the overall impact is limited in the United States, and because ARRL is a national rather than an international organization, "ARRL does not have a role to play, real "in this situation." However, he adds, "there is a mechanism for fans to report intruders in the amateur band through the International Amateur Radio Union (IARU), which relies on national governments to enforce regulations, so if interference is actually generated by the Cuban government, any notification is likely to have little effect.



Here we can see the intense Jamming, produced in the 40-meter band, during the demonstrations of the Cuban people, against their own government

In few regions of the world, the fight to interfere is so intense, as in Cuba and the United States, this goes back a long time and there is a long bibliographic history of what "Jamming" refers to. The most intense time undoubtedly took place in the era of the so-called "Cold War". Cuba and the United States, are separated only about 145 kilometers between the south of Key West, Florida and Havana, in those few kilometers the battle of "Jamming" has developed, historically more intense in terms of inter-

ference, a battle that continues until today.

Martin Butera, the author, is a radio listener and radio amateur, with more than 30 years of experience, and has participated in DX expeditions throughout South and Central America, under the Argentine radio callsign "LU9EFO" and the Brazilian callsign "PT2ZDX". He contributes to Asian DX Review from Brazil, Martin is also a correspondent for several newsletters that cover the problems of world radio around the planet. He is the founder of the Listeners Club in Brazil, called CREW 61. He is also a journalist, documentary maker and founding member of Radio Atomika 106.1 MHz (Buenos Aires, Argentina).

Daniel Camporini adds:

"The seemingly endless confrontation in the media between the United States and Cuba actually began shortly before the revolution came to power in 1959. During the Eisenhower administration, the possibility of the fall of Batista and the triumph of the guerrilla and plans were established if this were to materialise". "This policy of psychological propaganda on the radio began to take effect in 1960 when the United States began to develop plans for the invasion of the island in what was to occur with the landing of Brigade 2506 in the Bay of Pigs, which would end in failure. Military by the invading troops. In support of these troops, a radio station run by the CIA was installed in the largest of the Swan Islands (Cisne Islands) located in the Gulf of Honduras, a short distance from Cuba. On the island, a 50 Kw RCA transmitter was installed that Radio Free Europe had used on the Czechoslovakian border, which used the frequency of 1 160 Kc / s in the medium wave and in the short wave it was heard at 6000 Kc / s with 7.5 Kw of power. After the military failure, the station, under the tone of its aggressive messages, changed its name to Radio Americas and operated until May 1968" "Later, and until the mid-1990s, a long list of clandestine radio stations installed by the CIA or by a group of Cuban exiles supported by the US agency made all kinds of broadcasts to Cuba. Some of their names were La Voz del CID (Independent and Democratic Cuba) that broadcast from Santo Domingo or Radio Caiman that did so from somewhere in Central America, possibly Honduras or El Salvador. Later, a large number of programs produced by Cuban exiles in Miami could be listened to from their own computers or by buying space on legal US stations. La Voz de la Fundacion, Radio Alpha 66, Radio Libertad Cubana, Radio Abdala, among many others" "For many of these anti-Castro stations, their existence begins to change when the United States begins a rapprochement with Cuba and begins to cut back financial support and they slowly begin to disappear. At present, the same US government has whitewashed its position when it established Radio Marti, a station that initially depended on the Voice of America and is now autonomous.



Daniel Camporini is an Argentine Dixer, journalist, researcher, radio producer, with more than 40 years of activity. He is currently the producer of the program "Historias de Radio", editor of the page of the same name that is published on Facebook and author of the recently published book "Un Viaje por el Eter" where he refers to the birth and development of radio broadcasting.

(From Asian DX Review September 2021)

All India Radio Leh celebrates 50 th Anniversary

Alokesch Gupta, VU3BSE

Leh, a sleepy town located in the Leh district, is the capital and largest town of the Union Territory of Ladakh which is known as the "Land of High Passes", is situated in the northern most tip of India. It was also the historical capital of the Himalayan Kingdom of Ladakh, the seat of which was in the Leh Palace. Unlike other districts in India, the Ladakh Autonomous Hill Development Council (LAHDC) is in charge of governance in Leh. Ladakh was part of Jammu & Kashmir which became separate Union Territory on 31st of October 2019.

Leh is at an altitude of 3,524 metres (11,562 ft), is famous for its high altitudes and numerous passes connecting various locations in the difficult terrain. It is one of the most sparsely populated regions in India and has a cold desert

climate with long, cold winters and minimum temperatures well below freezing for most of the winter. During the winter months in Ladakh, stocking of batteries along with the essential supplies is the way of life. This tells the importance of Radio in the lives of people living in snowbound remote areas of Ladakh. All India Radio Leh has been a platform for providing many youngsters an opportunity to up-skill their talents and showcase to the world.



During my 2013 visit to Leh, took the opportunity to visit the All India Radio station at Leh with prior appointment. Presently the station set up consists of one 10 kW SW transmitter, one 20 kW MW transmitter & 2 X 100 Watts FM transmitters. One of the highest altitude radio station, AIR Leh station was inaugurated on 25 June 1971 with a 10 kW Nippon Electric MW transmitter on 1050 kHz, however on 23rd Nov 1978 frequency was changed to 1053 kHz due to MW Frequency reshuffle from 10 kHz to 9 kHz spacing as per international radio regulation. Its name was changed to All India Radio Leh from Radio Kashmir on 31st Oct 2019 when Ladakh became a separate Union Territory of India.

A two term Member of Parliament for Ladakh, Kushak Bakula Rinpoche was instrumental in establishment of AIR, Leh station in 1971.

It was foresightedness and continuous persuasion that helped landlocked Ladakh to connect with the rest of the world with radio services. Kushak Bakula Rinpoche continuously pursued Indian Govt, to set up radio services to reach out Ladakhis. Understanding the urgency and importance of establishing communication and information, the Indian Government set up a Ladakhi unit in Delhi and sent 85 minutes Ladakhi language programmes daily by Air to Srinagar. Later, a similar setup was made in Radio Kashmir in Srinagar. Broadcasts were listened by Ladakhis through village level community radio set in loud speakers. In a reply to a question in Lok Sabha by Kushak Bakula Rinpoche, then Information Broadcasting Minister IK Gujral assured that setting up of Radio Station at Leh is in progress and programmes for listeners in Ladakh and neighbourhood will be increased considerably. Finally, then J&K Planning and Cooperatives Minister Sonam Wangyal inaugurated AIR Leh station in 1971. Ever since, AIR Leh has become lifeline in the Ladakh region. In 1970 the Ladakhi language was on a verge of deterioration but in 1971 it came as a blessing with the installation of Radio station with the single wooden room. The first station director of AIR Leh was K.P.Shunglu and first station engineer, M.S.Talwar and first Ladakhi broadcaster Tashi Angdus (Nyachu).

AIR Leh studio's and offices are located in the city and the MW & SW transmitter site is located 5 kms away at Choglamsar. The same program is broadcast on MW & SW in parallel. On FM, FM Rainbow is relayed from New Delhi. There is a small emergency studio near the transmitters. The antenna is a self radiating mast 115 Meters high. At the time of my visit there was no electricity at the transmitter site and electricity connection was applied. The transmitter site used to run on three 125 KVA generators.

There are three studios, talk, music and drama which are located on first floor. Its offices and program dept, is located on the ground floor. The low power FM Transmitter is also located in the first floor. The complete building is internally heated due to the very cold weather over there. There are 6 numbers of 62 KVA and two 63 KVA generators to run the station. A Yagi antenna at the top of the building is used as studio to transmitter link.

In 1986, 10 kW NEC Japanese made shortwave transmitter Model HFB-7840 was installed at Choglamsar site. The shortwave transmitter is running on low power (2.5 kW) since Jan 2017 due to technical issues.

During a survey by AIR in 2018, it was found that in many households in nearly every village of Ladakh region demand of shortwave reception was very high. However due to low power, the shortwave transmitter does not provide enough power to cover remote areas of Ladakh division. It was suggested that this region could be fairly covered by upgrading the existing short wave transmitter with new 50 KW DRM ready transmitter in NVIS mode of propagation. The presence of large numbers of hills makes it very difficult for radio propagation. Line of sight propagation like FM is very difficult to implement as number of transmitters will be very large to cover entire shadow zone. Medium wave requires good ground conductivity which is also very scarce in Ladakh area. The coverage of 20 KW MW transmitter of Leh is just 50 Km in any direction.

In 2002, the wooden studio building of AIR Leh was completely gutted by fire and all recorded Ladakhi music, electronic equipment and important documents were lost. However, on 29th May, 2008 a new concrete building was inaugurated along with a 100 watts FM transmitter and Satellite Uplink Station by then Jammu and Kashmir Chief Minister Ghulam Nabi Azad enhancing the reach of the world's highest radio station. It was linked to low power transmitters at Nyoma, Khaltsi and Diskit, thus introducing the youth to FM broadcast.

On 6th August, 2010 there was flash floods in the city of Leh which severely damaged the transmitter site of All India Radio. The Hindustan Times reports that "Water has gushed through [the AIR building], sweeping furniture and equipment helter skelter, and a dish on top the building is contorted beyond recognition - from the impact of a truck that was swept against it." Fortunately, there was no casualties among AIR staff, rain water & mud slushes entered inside the transmitter hall causing damage to transmitter as well as diesel generators, causing the station to go off air for few days. Shortwave transmission on 4760 kHz was noted back on air on 10th Aug, 0230 UTC and MW broadcast on 1053 kHz

was back on 18 th Aug at 1404 UTC. Some small structures inside AIR Leh were damaged, two AIR officials from Delhi were rushed to Leh to restore satellite connectivity.

On 4760 kHz, the morning & night frequency of AIR Leh, another rare station AIR Port Blair was also operating more or less at the same timings, it was somewhat difficult to pick up AIR Leh in faraway places but many enthusiastic DXers even in other parts of the world could pick up the Leh station. As now AIR Port Blair has left SW, catching AIR Leh is easier.

AIR Leh's allotted frequency of 4760 kHz has been noted drifting occasionally in the past. Interestingly for almost two and half years from around 21 Aug 2011 to around 19 Dec 2013 their SW transmitter was noted on 4660 kHz instead of 4760 kHz. It gave an opportunity to Dxers to log this rare outlet as AIR Port Blair also uses 4760 kHz. In Nov 2011 Leh was on 4748 kHz for some time. The SW transmitter was also off air for some periods from time to time.

On 26 th Nov, 2019 AIR Leh went online as HIAL founder and Ramon Mag-saysay Awardee Sonam Wangchuk inaugurated live streaming of AIR enabling listeners from anywhere in the world to tune into AIR Leh using android mobile and computer.



Transmitter Details :

MW - 1053 kHz

25 June 1971 - NIPPON ELECTRIC 10 kW(1050 kHz)

23 Jan 2002 - HARRIS DX-20 (20 kW) (Replacement of 10 kWTxer)
10 kW Standby

SW - 4660 (4760) & 6000 kHz

1 987 - NEC HFB-7840 (10 kW)

On low power (2.5 kW) since Jan 2017

101.1 MHz

29 MAY 2008 - WEBEL - 2 X100 Watts (1 Transmitter at use at a time)

SW & MW schedule:

Transmission I: 1053 / 4760 Summer 0155 / Winter 0210-0430 UTC (Morning)

Transmission II: 1053 / 6000 0630-0930 UTC (Noon)

Transmission III: 1053 / 4760 / 130-1630/1700 UTC (Evening/Night)

Languages of broadcast: Ladakhi, Urdu, Balti, Tibetan, Hindi, English etc.

Address: All India Radio, Horzey, Leh, Ladakh 194101

EMAIL: leh@air.org.in, seairleh@rediffmail.com

Recording of Sign on MW & SW: <https://qsl.net/vu2jos/Leh.mp3>

QSL of AIR Leh: https://qsl.net/vu2jos/qsls/AIR_Leh.jpg

Live streaming of AIR Leh is available on Newsonair App

NEC 10 kWTxer details: <https://www.transmitter.be/nec-hfb7840.html>

Major Events :

25th June, 1971: Radio Kashmir, Leh inaugurated, Nippon Electric MW 10 kW, (1050 kHz)

23rd Nov 1978: Frequency changed to 1053 kHz in MW frequency reshuffle from 10 kHz to 9 kHz spacing

6th Sept 1984: Doordarshan TV Station installed

1986 : SW Transmitter installed, 110 NEC HFB-7840 (10 kW)

26th Jan 2002 : Harris DX20 20 kW MW TXER (Replacement of 10 kW MW)

2002 : Wooden studio building destroyed in fire

31 st May 2002: Foundation stone laid by Dy. Prime Minister Shri.Lal Krishna Advani for permanent studio set up.

29th May 2008: FM Transmitter at Leh was commissioned.

6 th Aug 2010: Cloudburst at Choglamsar village, AIR Leh transmitter damaged, rain water & mud slushes enter transmitter hall.

25th June 2016: AIR Leh celebrated 45th Anniversary in Music studio.

25th June 2018: AIR Leh observes 47th Foundation Day 31 st Oct 2019: Renamed as All India Radio Leh, identity announcements changed to "All India RadioTakashvani" from "Radio Kashmir".

26th Nov 2019: AIR Leh goes online, live streaming started 25th June 2021 : AIR Leh Golden Jubilee

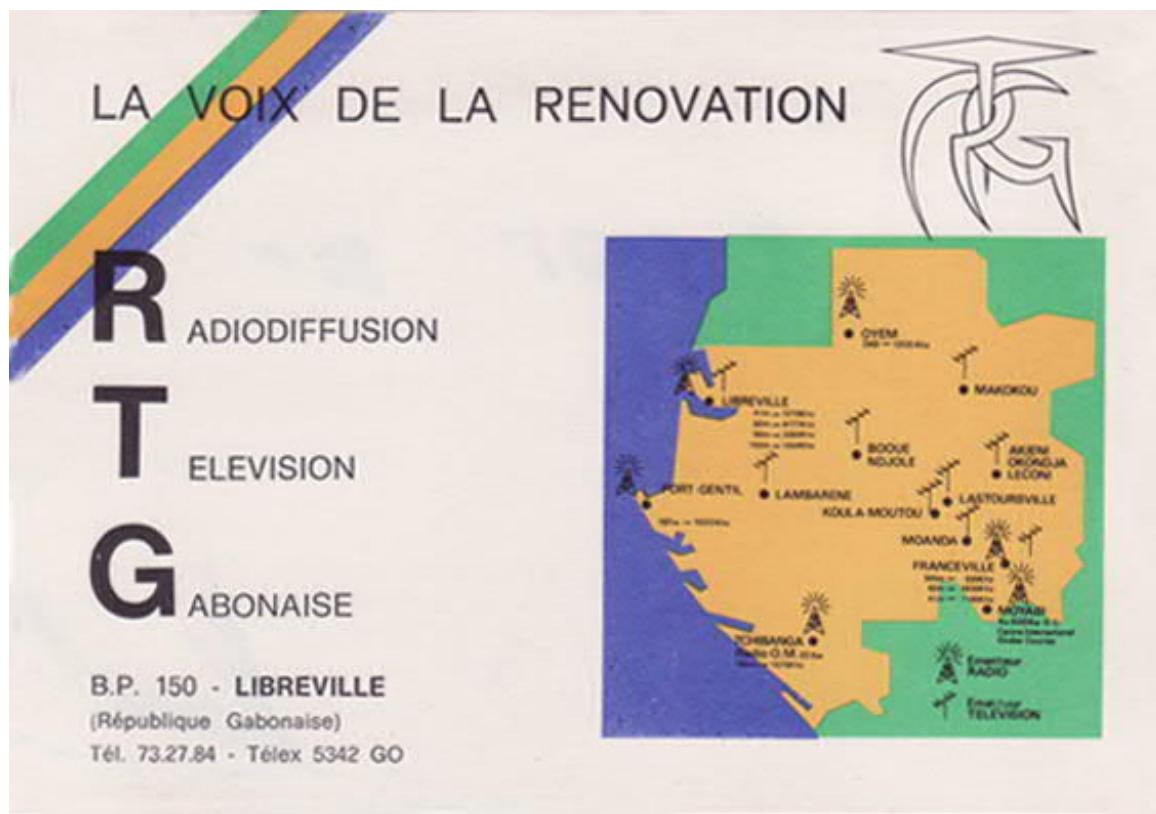
(With additional inputs from Jose Jacob, News on AIR & various news reports)

(Asian DX Review September 2021)

Robert Wilkner enclosed two old QSL cards from Gabon & Camerun.

Back then it was the time when you stepped up to the mailbox with excitement to see how many responses from reported stations had arrived

Robert, thanks a lot for sharing those with us. /TN



FRANCEVILLE Fhz O.C.	Chaîne O.C. Internationale MOYABI
LIBREVILLE Fhz O.C. Fhz O.M.	Chaîne O.C., O.M. Nationale MELEN 7.270 — 4.777 Khz. 1.554 Khz.
FRANCEVILLE Fhz O.C. Fhz O.M.	Chaîne O.C., O.M. Provinciale EPILA 4.830 Khz. 989 Khz.
O Y E M Fhz O.M.	Chaîne O.M. Provinciale AKOAKAM 1.205 Khz.
TCHIBANGA Fhz O.M.	Chaîne O.M. Provinciale IBANGA 1.575 Khz.
Heures d'émissions	Tous les jours de 5h30 à 1h00



CARTE POSTALE

Nous avons le plaisir de confirmer votre rapport d'écoute du Aug. 2 1980 de 22 h 55 GMT à 23H00 sur une ou plusieurs des longueurs d'onde ou fréquences suivantes :

GAMME	FREQUENCE	PUISSANCE	STATION
OM (Po)			NAT. STATION YAOUNDE
OT			
OC	4850	100KW	

FEBRIER 1979 - VISITE DU PRESIDENT V. GISCARD D'ESTAING
REPUBLIQUE UNIE DU CAMEROUN
S. LAMIN
DELINTE

M. LARRY B. WILKNER
3156 NW 39 Court
FT. LAUD, FLORIDA
33309 U.S.A

Imprimerie Nationale - Yaoundé — 654-78

Station Nationale YAOUNDE		Station Internationale YAOUNDE		Station Provinciale YAOUNDE		Station Provinciale BUEA		Station Provinciale DOUALA		Station Provinciale GAROUA		Station Provinciale BERTOUA		Station Provinciale BAFOUSSAM	
KHZ	KW	KHZ	KW	KHZ	KW	KHZ	KW	KHZ	KW	KHZ	KW	KHZ	KW	KHZ	KW
6060	100(OC)	9745	100(OC)	4972,5	30(OC)	6005	2 x 4(OC)	1106	2 x 5(OM)	5010	100(OC)	7165	20(OC)		
4850	100(OC)			4972,5	4(OC)	3970	4(OC)			5010	4(OC)	4750	20(OC)		
899	20(OM)			7205	30(OC)					7240	100(OC)	971	20(OM)		
				7205	4(OC)					7240	4(OC)				
				998	2 x 5(OM)					1260	20(OM)				
				1286	1(OM)					1348	1(OM)				

DX nostalgia by RFK

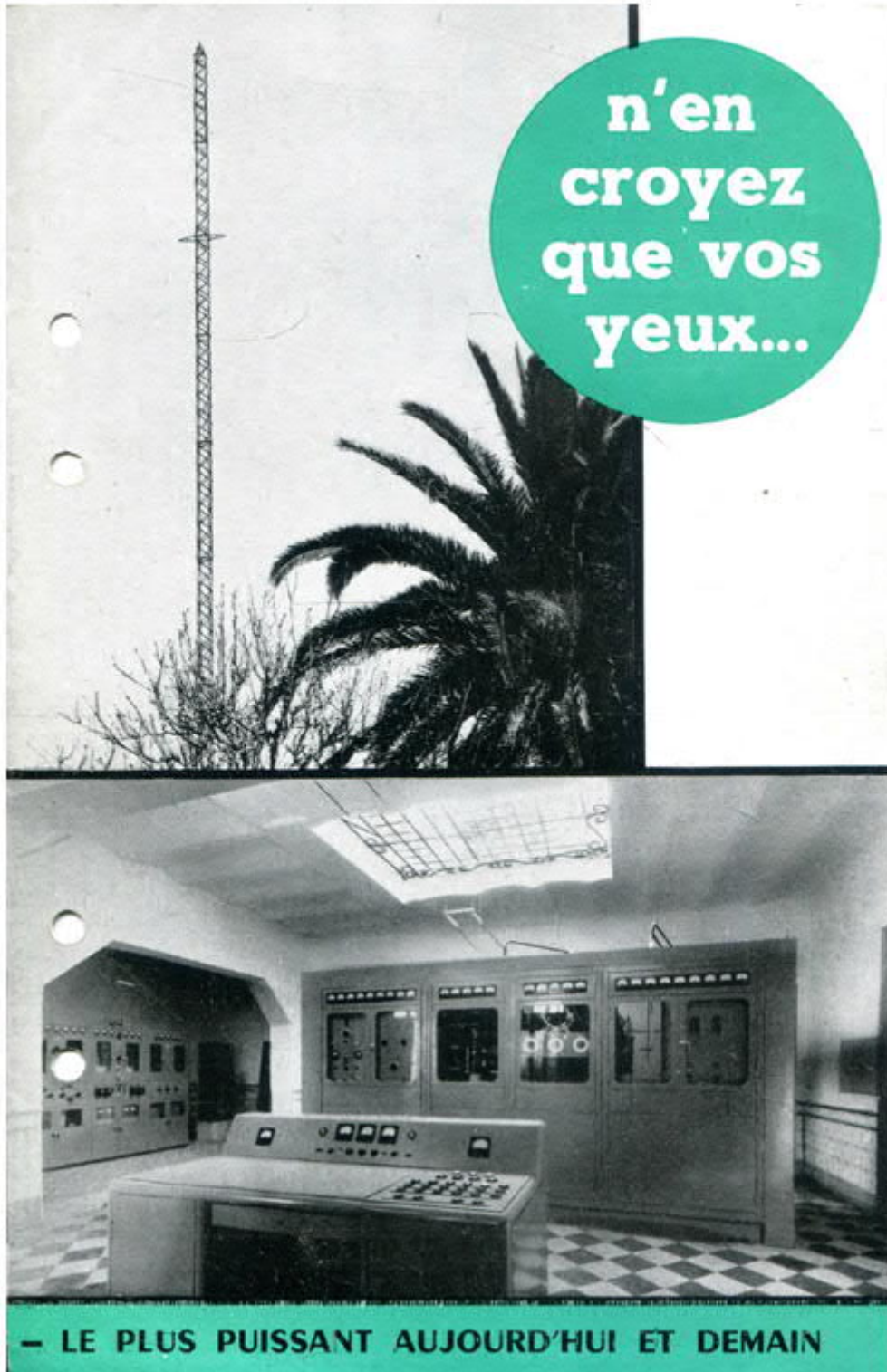
Time for some radio nostalgia. As usual your contributions are most welcome and this time let's start with a calendar which Bo Nensén BN received from Adventist World Radio Guam in 1988, showing their SW station KSDA at Agat. AWR celebrates its 50th Anniversary this year and it has always been a very DX-friendly station. The station started in 1971 by leasing airtime over the powerful transmitters of Radio Trans Europe in Portugal, broadcasting in ten languages for 12 hours a week. Construction of the Guam SW station began in 1985 and in 1987 two 100 kW transmitters were brought into service, using curtain antennas and 300 foot towers. A major upgrade of the station was made in 2013. Today AWR utilizes AM, FM, shortwave, satellite, podcasting, and the Internet, broadcasting in 77 major language groups of the world with a potential coverage of 80% of the world's population.



Here is a 1951 QSL card from All India Radio belonging to Ullmar Quick UQ, scanned by John Ekwall JOE.



Radio entrepreneur Jacques Trémoulet was involved in creating many new radio stations. The first project was Radio Toulouse which was established in 1925 and rapidly became very successful. He also started stations broadcasting to France from neighbouring countries, like Radio Andorra which came on the air in 1939. After the war Trémoulet was sentenced to death accused of collaborating with the Vichy regime but the sentence was later revoked. In 1949 he set up Radio Africa in the International Zone of Tangier. The station was later divided into two: Radio Africa Tanger and Radio Africa Maghreb. Here is a pamphlet from the latter station from the collection of Lars Rydén LR.





L'inauguration de "RADIO-Africa-MAGHREB", le 25 juillet 1952, a enfin apporté à l'Afrique du Nord le grand émetteur commercial qui lui faisait défaut jusqu'alors.

Puissance technique, qualité des programmes, engouement du grand public ont sacré "RADIO-Africa-MAGHREB" "champion des ondes africaines".

Ce premier palier provisoire n'est pourtant qu'un commencement : l'émetteur définitif (en cours de fabrication) permettra de porter à 100 kw. l'antenne la puissance de "RADIO-Africa-MAGHREB".

Si l'on sait que, dès aujourd'hui, "RADIO-Africa-MAGHREB" est magnifiquement reçu dans tout le Maroc et toute l'Oranie, on peut imaginer l'énorme rayonnement que lui assurera son installation définitive, de très loin la plus puissante du continent africain. (Octobre 1952)

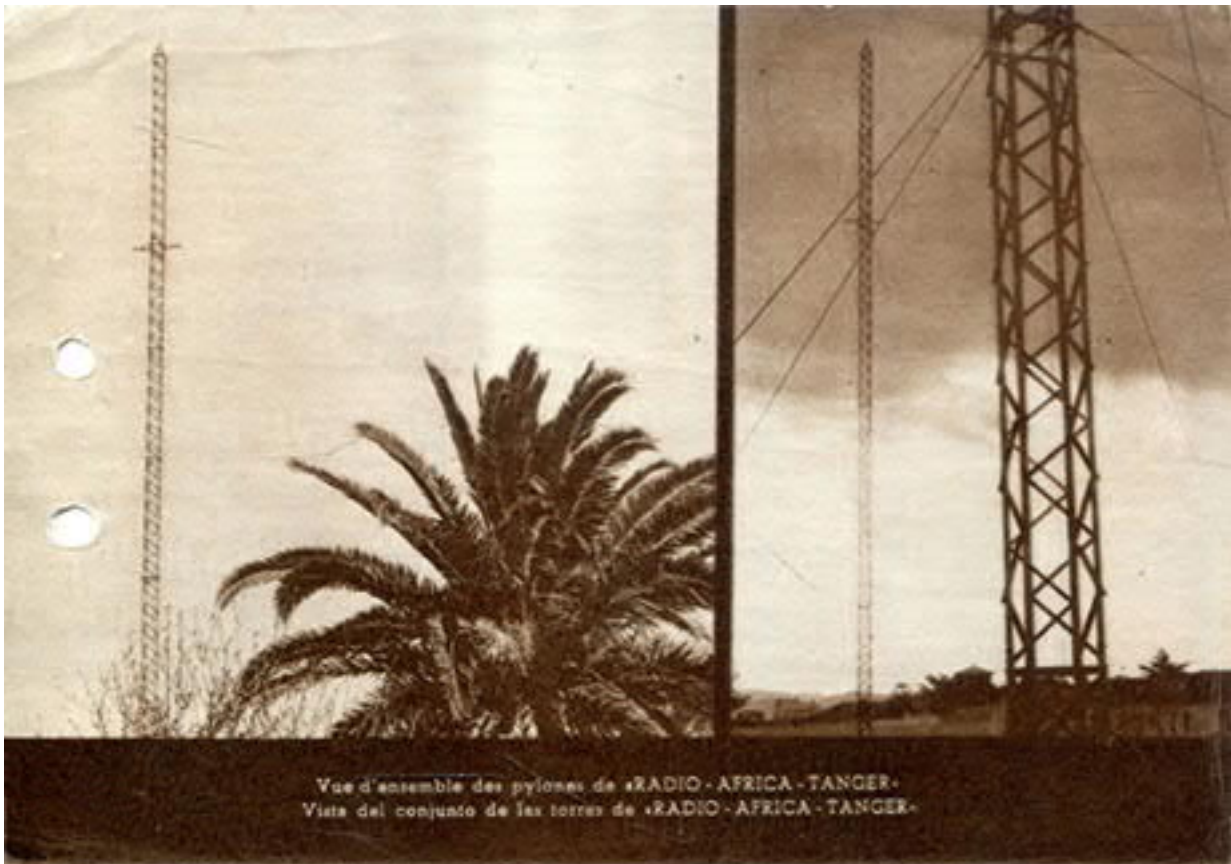
TANGER : 41, RUE DE FEZ - PARIS : 28, BOULEVARD HAUSSMANN

Crédits : Van der Stoep (Les Eclairés) ;
A droite de haut en bas : Hal et Tereza van Steenis / Les Sables / Studio d'Orléans.

...et
que vos
oreilles

LE PLUS POPULAIRE AUJOURD'HUI COMME HIER

Some illustrations from Radio Africa Tanger courtesy of Lars Rydén LR.



Vue d'ensemble des pylones de «RADIO - AFRICA - TANGER»
Vista del conjunto de las torres de «RADIO - AFRICA - TANGER»



Vue de l'émetteur «RADIO - AFRICA - TANGER», onde moyenne (10 20000 watts)
Vista de la emisora «RADIO - AFRICA - TANGER», onda normal (10 20000 vatios)

Another voice on the shortwaves from Tangier in the 1950s was Pan American Radio Radio Tanger. This pamphlet is also from the collection of Lars Rydén LR.



THE ONLY COMMERCIAL STATION IN THE WORLD WHICH BROADCASTS DAILY IN SIX LANGUAGES.



The announcers of the English broadcasts



The Spanish broadcasts.



The announcers of the French broadcasts.

- Pan American Radio is undoubtedly the family radio
- Its perfect tone.
- The spirit of Latin American music in Europe and Africa.
- The station which is most preferred.
- You will say so too...
- Listen, compare and judge for yourself.
- The programmes of Pan American Radio are always of great interest.
- Pan American Radio re-broadcasts every day the latest News bulletins from the B.B.C., London, and from the Voice of America, New York, so that our listeners are kept informed of the most important international news.

Listen to the Voice of **PAN AMERICAN RADIO, TANGIER** and judge for yourself.

Simultaneous broadcasts in both medium and short waves

MEDIUM WAVE
1.178 kilocycles 254 metres

SHORT WAVE
7.270 kilocycles 41 metres

7.472 KC. - 212 Mc



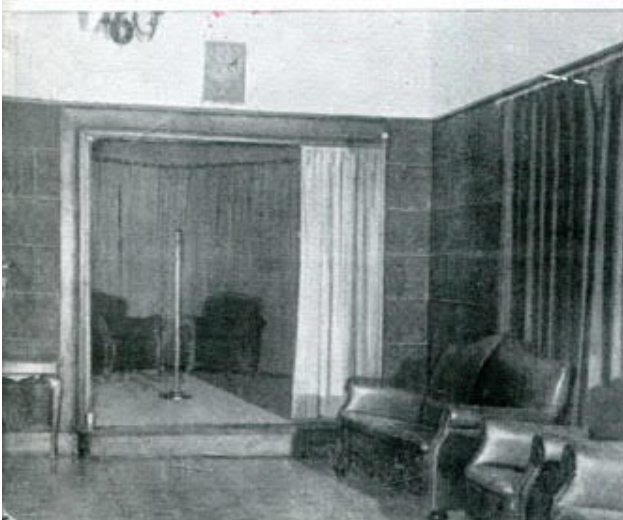
The youngest Arabic announcer in the world.



The daily Italian broadcast.



The Hindu broadcast.



THE MOST EFFICIENT STATION FOR YOUR PUBLICITY CAMPAIGNS IN NORTH AFRICA AND THE SOUTH OF SPAIN.

Pan American Radio has a very high class of loyal and sure clients who regularly hire more and more advertising time.

Pan American Radio has an ever-increasing power of diffusion.

The station of quality and high power.

The station which has solved the problem of publicity announcements.

The majority of the listeners to Pan American Radio are of wealthy means.

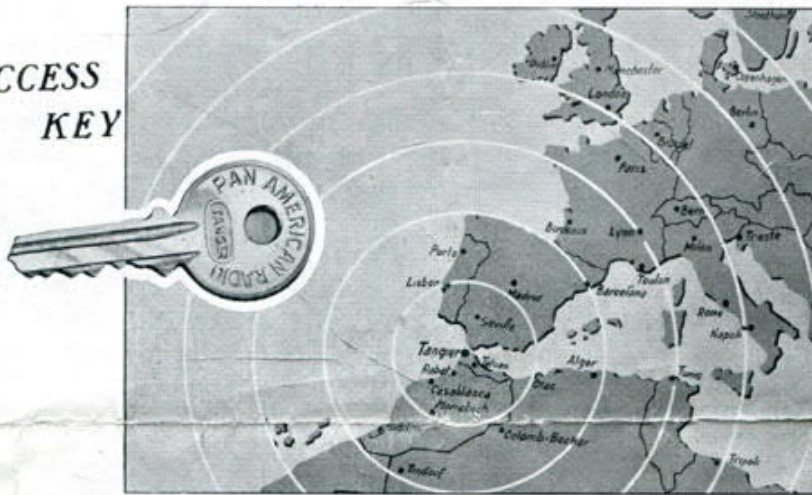
Publicity is only accepted for products of highest quality.

Publicity by announcement is very expensive; on the other hand publicity by means of musical programmes is much more attractive and less expensive.



Checking the many thousands of letters of a Radio competition

The SUCCESS KEY



BROADCASTS IN THE MEDIUM WAVE: Pan American Radio receives letters from listeners to the medium wave from: France, Spain, Portugal, England, Germany, Belgium, Sweden, Switzerland, Italy, etc. and all of North Africa.

THE REASONS FOR THE SUCCESS OF PAN AMERICAN RADIO

Our programmes are very smoothly divided:

- Musical programmes and competitions . . . 85%
- International news, sport and commentaries . . . 10%
- Publicity . . . only 5%

The Direction only allows publicity for products of the highest quality and announcements and publicity programmes which are agreeable and pleasant. Approximately 17% of publicity is refused by Pan American Radio.

Pan American Radio has publicity which speaks, broadcasts which attract attention, suggest and convince, which in turn raises the standard of selected publicity announcements of products in which we have confidence.

The Radio station is always confident that the select listeners always tune in again and again.

Competition programmes daily, with large prizes

Make your publicity contracts with Pan American Radio and convince yourself.

Listen in to Pan American Radio and convince yourself.
Medium wave 254 m, 1178 kc; short wave 41 m, 7240 kc

1412 Kc. = 212 m.



Marylebone) suggested in | will refer later in my | this su | or. I now | use to pa.
 on to a consideration of the balance-sheets and profit and loss account.

PAN AMERICAN RADIO TANGIER

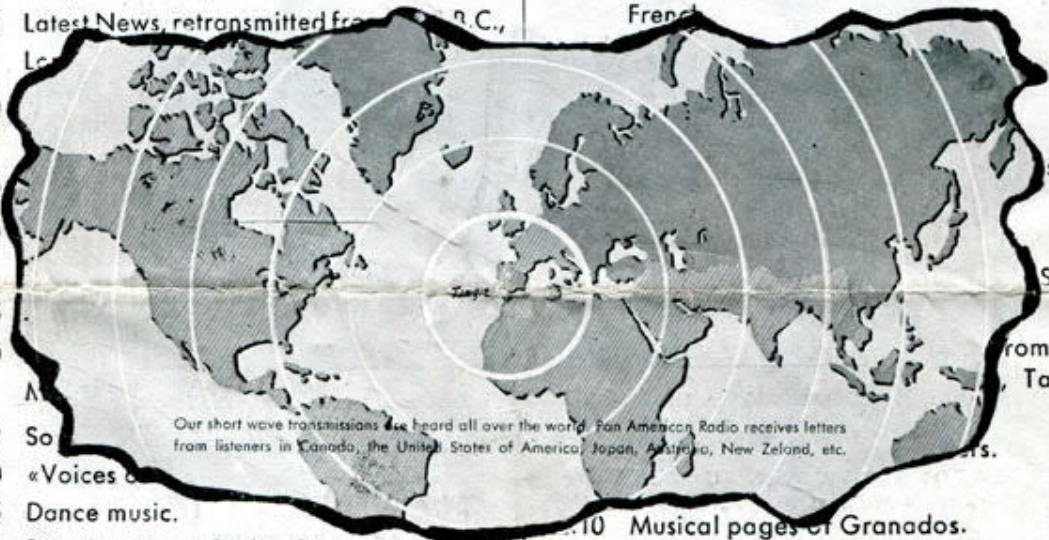
Medium Wave:
 254 metres - 1178 kilocycles
 1.412 Kcs. - 212 m.

1.128 Kcs. - 268 m.

Short Wave:
 41 metres - 7290 kilocycles

Programme

- | | |
|---|---|
| <p>9.00 Music broadcast, English.
 11.00 Music from the films, French broadcast.
 11.30 «For you Madam».
 11.35 The Truth in Songs.
 12.00 Aperitive with music.
 12.30 Progress with music.
 12.32 Interpreters of Jazz.
 12.50 «Voices of the City», in French.
 12.55 Tangier Echoes, Amusements in French.
 13.00 Latest News retransmitted from the B.C., London.
 13.10
 13.30
 14.00
 14.15
 14.30
 14.32 So
 15.00 «Voices of the City»
 15.05 Dance music.
 15.30 Pan American Radio Spanish Listeners' Club.
 16.00 Pan American Radio French Listeners' Club.
 16.30 Indian music.</p> | <p>18.00 Broadcast of Arab music & the latest News retransmitted from the B.B.C., London.
 19.00 Latest News retransmitted from the V.O.A., New York and music broadcast in English.
 20.00 Latest News retransmitted from the B.B.C., London, Tangier Echoes, Amusements, Sports Bulletin and music broadcast in French.
 21.10 Musical pages of Granados.
 22.30 Tangos and Boleros.
 22.45 Symphony music.
 23.30 Dance music and English programme.
 24.00 Dance with Pan American Club.
 1.00 End of transmission.</p> |
|---|---|



Our short wave transmissions are heard all over the world. Pan American Radio receives letters from listeners in Canada, the United States of America, Japan, Australia, New Zealand, etc.

British Electricity Authority and the French electricity body, referred to in the House of Commons | will see from the consolidated profit and loss account of the group for the year ended March

Ask for our publicity tariffs or better still, write and arrange an appointment to see us.

PAN AMERICAN BROADCASTING SYSTEM

Pan American Radio Building

16, Delacroix.

TANGIER

Morocco

Finally a QSL card from Radio Nepal courtesy of Kanwar Sandhu. Radio Nepal started in 1951 using a 250 W SW transmitter and it used to be a fairly regular guest on shortwave after a 100 kW transmitter was put into operation. Today the station has left SW.



Pokhara Transmitting Station



His Majesty's Government of Nepal
Radio Broadcasting Service
 (Radio Nepal)

Post Box: 634
 Singha Durbar
 KATHMANDU, NEPAL
 Date: 10 July, 1985

His Majesty's Government
 Ministry of Communication
 Radio Nepal

VERIFICATION OF RECEPTION REPORT

Dear *Kanwar Sandhu*

We are very pleased to confirm your reception report of our transmission, which is in accordance with our Schedule.

Date: *3 July, 1985* . . .

Frequency: *5005. KHz* .

Time: *14:50. - 15:07. UTC*

We thank you for your report, we will be pleased to hear from you again. With best wishes from Nepal.

Good Luck! Good Dxing RSK

R. S. Karki
 Engineer

Your contributions are always welcome – please mail me at info @ rock.x.se.