

# SHORTWAVE BULLETIN

Issue no. 1964, Nov 29, 2020

Deadline e-mail next issue: 0800 UTC, Dec 13, 2020

Thanks for all contributions to this issue. Today it is the first Advent and I wish you all a good start of the Christmas season.

This Christmas will be very different from earlier due to the Corona restrictions.

As it seems now we must prepare for the possibility of restricted travel between different areas during the Christmas period so that regional healthcare services could avoid becoming overwhelmed.

We are also told to avoid physical contact with people besides those with whom we share a home.

If nothing else is said this means restrictions meeting children and grandchildren during Christmas and New Years Eve.

Back to recent radio related stuff. RF Space now will start delivering their long awaited CloudSDR in December. Very exciting news.

The sad news is that Universal Radio is closing down due to the Osterman's retirement.

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.

### Noel Green - RIP

From the British DX Club we got the very sad message that one of the SWB members from the old days has passed away. Noel was also a SWB member at least a bit into the 70'ies.

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Good Evening,

It is with great sadness that I have to inform you that Noel passed away this afternoon in hospital after contracting Covid-19 pneumonia.

Lost for words at the moment.

(Regards, Ray Browell, British DX Club)

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Vornehmlich den ehemaligen Mitgliedern des DSWCI Dänisch Shortwave Club diese traurige Information des heutigen Tages übermittelt.

Noel in Blackpool England einer meiner ältesten Weggefährten im Radio DX Hobby und sehr guter Freund seit den 60ziger Jahren sowie langjähriger Editor der DX Publikationen aus Skandinavien ist nicht mehr.

Noel Green - als Christkind - wäre genau zu Heiligabend 87 Jahre alt geworden.

Zusammen mit Glenn Hauser in Oklahoma USA und Ing. Drita Cico in Tirana Albanien hat er aufgrund seiner jahrzehntelangen Erfahrung massgeblich die Frequenzauswahl für die Kurzwelle von Radio Tirana der Nach-Kommunistenzeit nach Diktator Enver Hodsha bestimmt.

Er hat nie gegenüber Kontinental-Europäern die leidvollen Erfahrungen seiner Kindheit und der Bombennächte im 2. Weltkrieg beklagt, sondern er war ein Freund Europas, seiner Bürger und Hobbyfreunden, sowie berufsbedingt ein großer Freund der Dampflokomotiven-Einrichtungen und deren Museen auf unserem Kontinent.

Sehr traurig

(Wolfgang dswci 1331)

**Robert Wilkner.** The Mosquito Coast, 28 November 2020. "Very poor conditions at my QTH for the last week. Look for improvement".



2749u	Nov27	0240	VCS-2 Halifax NS, weather information. (Wilkner)
3215	Nov16	0020	Gospel huxter, so WWRB has belatedly made its B-season QSY from 5050 for weekend-only emissions. By 0316 recheck has flipped to 3185, S9+20 more of same, not TOMBS. Probably from 0200 when WWCR-1 has dibs on 3215. It was not clear whether WWRB would use 3185 or 3195 this season, both registered. 3185 was once exclusively for Brother HyStairical, but now long gone as a WWRB client (Glenn Hauser, OK, WOR)
3310	Nov19	2241	R. Mosoj Chaski, Cochabamba; folk music selections. Fair, clear (LOB).
3310	Nov20	0053	Radio Mosoj Chaski, presumed, very weak unintelligible signal, but steady (XM)
3310	Nov27	0100	Radio Mosoj Chaski, Cochabamba fading in/out, marginal signal in Quechua. (Wilkner)
3325	Nov22	1520	Voice of Indonesia, via Palangkaraya. In stilted Chinese; audio at a decent level; while // 4749.95, via Cimanggis/Jakarta was mostly covered by much stronger Bangladesh (4750.0). (Ron Howard, Asilomar State Beach, Calif., USA)
3325	Nov23	1207	RRI Palangkaraya, suspected, time probably fits the schedule for this better than NBC Bougainville, although both have been heard in the past, very weak unintelligible threshold signal. (XM)
3910	Nov15	2214	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. Best via the K9AY aerial. 33442 (CGS)
3945	Nov19	0812	R. Vanuatu, Vanuatu, Port Vila; slow english pop music. Poor (LOB).
3945	Nov23	1211	UNID, not much more than a carrier, R Vanuatu and R Nikkei-2 are possibilities (XM)
3950	Nov24	0030	Xinjiang PBS, Urumqi Chinese talk by man and woman // 5060 and 5960 (AP-DNK)
3955	Nov21	1939	Channel 292, Rohrbach. G. Germ. pop oldies. 35342 (CG)
3975	Nov15	1545	Shortwaveradio, Winsen Italian DX-programme (AP-DNK)
3975	Nov17	2223	Short Wave R, Winsen. E, songs, tks. 25342 (CG)
3985	Nov15	1550	R Belarus, via Shortwaveservice, Kall-Krekel French ann, ID, letterbox (AP-DNK)
3990	Nov24	0035	Xinjiang PBS, Urumqi Uighur talk // 4980, 6120 and 7205 (AP-DNK)
3990	Nov18	2228	R.Echo of Hope (cland.), Gyengi-do. Kor to KRE, tks. QRM de KRE jammer + CHN. 24431 (CG)
3995	Nov15	1725	HCJB, Weenermoor. German religious programme, hymn with organ music (AP-DNK)
4010.2	Nov19	1706	Kirgyz Radio, Bishkek, Kirgyz comments. Very weak. (Méndez)
4010.22	Nov15	1730	Birinchi R, Krasnaya Rechka Kyrgyz ann, local song (AP-DNK)
4055	Nov20	0540	Radio Verdad, Chiquimula, English, religious songs. Very weak, best on LSB. (Méndez)
4055	Nov23	0115	R Verdad, San Esteban, M reading Scripture in EG, one of the better signals around but still well below past levels (XM)
4055	Nov27	0230	Radio Verdad with music and om chat, weaker than normal signal, (Wilkner)
4450	Nov15	2216	Voice Of The People (cland.), Goyang. Kor to KRE, tks. QRM de CODAR + KRE jammer. 23431 (CGS)
4450	Nov27	1127	Voice of the People, Goyang, presumed, unintelligible threshold signal, I did not detect any jamming or freq shifts, signal gradually weakening over time. (XM)
4750	Nov15	1920	Bangladesh Betar, Shavar Bengali talk (AP-DNK)
4750	Nov25	1935	Bangladesh Betar, Shavar. Bengali, tks. Overmodulated as usual. 45343 (CG)
4764	Nov19	2357	R. Huanta 2000, Huanta; male and female ads, ID "Huanta 2000", local music, ThO announcements, ads, folk music (heard this music many times before from this station), ads. Fair signal level, fady, some het, some improvement over the listening (LOB).
4764	Nov26	2341	Radio Huanta, Huanta, signal coming in in waves, mostly unintelligible threshold level, but occasionally a word or two would sneak in, never enough to determine if SP or Quechua. The fact that this has drifted to 4764 may be an indication that many of the remaining domestic SW stations are no longer able to properly maintain their equipment (XM)
4765	Nov20	-0502*	Radio Progreso, Bejucal, Cuban and other songs, at 0459 id. "Radio Progreso", anthem, and closed at 0502, one hour later than its usual time. (Méndez)
4765	Nov22	0155	R. Progreso, Cuba, Bejucal; music, male talks (that announcer with deep voice), music. Very weak, poor (LOB).
4775	Nov24	2343	R. Tarma, Tarma; male in Spanish talks, sports program Antena Desportiva "una derrota mínima. pouco apoio de la federacion peruana...en 3 de diciembre el partido de vuelta", male and female ads. Fair, partial clear (LOB).
4775	Nov20	0057	Radio Tarma, presumed, unintelligible very weak SP signal (XM)
4780	Nov22	0240	Radio Progreso, Bejucal, <u>apparent spur</u> from R Progreso xmsn on usual 4765, strong but distorted. Noticed that 4780 Progreso, 5025 Rebelde, and 5040 RHC all had strong signals

			tonight. Recently this has not been the case with either heavy power-downs or sometimes no signal at all. Maybe somebody paid the electric bill. (XM)
4800	Nov28	1735	Voice of China, Golmud Chinese conversation (AP-DNK)
4820	Nov28	1740	Xizang PBS, Baiding, Tibet Chinese ann, piano music // 5935, 6050 and 7240 (AP-DNK)
4840	Nov16	0923	WWCR, Nashville TN. E, rlg. propag. 45444 (CGS)
4850	Nov28	1745	Xinjiang PBS, Urumqi Kazakh ann, local songs // 6015 (AP-DNK)
4880	Nov28	1750	R Echo of Hope, via Taereung, South Korea Korean talk (AP-DNK)
4880	Nov24	2208	R.Echo of Hope (cland.), Nowong-gu. Kor to KRE, tks. 25341 (CG)
4885	Nov22	1227	Radio Echo of Hope, presumed, threshold level signal, nothing noted on 3985v (XM)
4885	Nov20	0520	Radio Clube do Pará, Belém, comments, relaying Radio Bandeirantes program. (Méndez)
4885	Nov26	2204	R.Club do Pará, Belém PA. Natl. nx magazine A Voz do Brasil. 35342 (CG)
4885	Nov20	2326	R Clube do Para, Belem, presumed, PT talk but signal mostly unintelligible (XM)
4885	Nov27	0230	Radio Clube do Pará, Belém, PA enchanting music with om DJ (Wilkner)
4890	Nov15	1925	R Echo of Hope, Taereung, South Korea. Conversation with much laughing (AP-DNK)
4900	Nov23	1221	V of the Strait-3, M in CH talk, poor but about the best signal out of Asia (XM)
4905	Nov28	1757	Xizang PBS, Baiding, Tibet Tibetan ann, local orchestra music // 4920 (AP-DNK)
4905	Nov23	1224	Xizang PBS, suspected very weak unintelligible signal (XM)
4920	Nov23	1224	Xizang PBS suspected // to 4905, unintelligible (XM)
4925	Nov25	0217	UNID. JBA talk, equivalent VP signal to S Americans on 4940, 4885. Only 4925 in EiBi is Korean numbers not at this hour but if on would not be propagating. WRTH 2020 has 5 kW Rádio Rural, Tefé, Amazonas, Brasil as irregular. Aoki/NDXC shows 0930-0200 as if regular. Not reported lately, but found this from JRX in Brasil: ``4925. Apr 15, 2020. 0313-0333, Rádio Educação Rural de Tefé, Tefé-AM, in Portuguese. A musical program with variety songs; Female voice; A song; Male voice, ID and announcements; 0331 A song; 0333 Ends and sign-off. Poor reception.`` I don`t get around to checking TWR Bonaire SDR for this until 0333 --- nothing there (Glenn Hauser, OK, WOR)
4925	Nov25	2347	Radio Educacao Rural, presumed, Tefe, signal coming in in waves, gradually strong enough that occasionally I could hear a M speaking, probably PT. (XM)
4930	Nov15	1930	VOA Studio 7, Moepeng Hill Zimbabwean song CWQRM 4935 (AP-DNK)
4940	Nov20	0515	Religious station, program "Lecciones de la Historia Colombiana", religious comments and songs. (Méndez)
4940	Nov16	0235	Anonymous mystery missionary station, gospel huxter with dramatizations, S9/+10. In the NASWA Flashsheet, editor Mark Taylor in WI agrees it`s still anonymous: ``4940, 2359, 11/12-13/20. Hymn through ToH, 1 beep, man announcer with talk about faith then woman with news or actualities. No ID or program name noted at ToH`` (Glenn Hauser, OK)
4940	Nov12	2221	UnID. Songs. Faulty modulation. 35342 (CGS)
4940	Nov22	1214	Voice of the Strait, presumed, Fuzhou, Fukian, M in apparent CH talk, very poor (XM)
4950	Nov13	1655	AIR, Kashmir, Hindi songs and comments. Very weak. (Méndez)
4950	Nov28	1725	AIR, Srinagar Kashmiri talk, 1730 English news from Delhi CWQRM (AP-DNK)
4950	Nov13	1651	R.Kashmir, Srinagar. Ind.lang., tks, chanting. 35332 (CGS)
4950	Nov28	0052	AIR Srinagar. Best reception this week; my local sunset was at 0052 UT, while Srinagar sunrise was at 0145 UT; some highlights: 0116: Transmitter on for a minute, then AIR IS and patriotic song "Vande Mataram." (Fairly clear!) 0125-0130: Seemed to be the news; assume in Sanskrit? Break at BoH with a commercial announcement? 0130-0140: Seemed to be the news by a different announcer; assume in Hindi? 0140-0143: reciting from the Qur'an. 0145-0150: Islamic chanting. My brief recording is posted at <a href="https://bit.ly/3lguvQb">https://bit.ly/3lguvQb</a> Am greatly indebted to Dr. Hansjörg Biener, who in Oct 2018, completed an extensive monitoring project of this station. He set out the general format for this one hour program that seems to mostly hold true today. (Ron Howard, Asilomar State Beach, Calif.)
4955	Nov25	2351	Radio Cultural Amauta, presumed, Huanta, similar situation to 4925 with signal coming in in waves and gradually building to where some brief audio could occasionally be heard, some music noted. (XM)
4949.8	Nov15	2218	RNA-Canal "A", Mulenvos. Tks, phone-ins. 25341 (CGS)
4965	Nov15	1935	Voice of Hope, Makeni Ranch English ann, hymn (AP-DNK)
4965	Nov19	2017	Voice of Hope Africa, Lusaka, English, religious comments. // 6065. (Méndez)
4965	Nov12	1713	Voice Of Hope, Makeni Ranch. E, rlg. songs, tks. 35433 (CGS)
4980	Nov28	1732	Xinjiang PBS, Urumqi Uighur local songs // 3990 and 6120 (AP-DNK)
5005	Nov11	-1711*	Radio Nacional de Guinea Ecuatorial, Bata, after more than 5 moths out of air, heard this afternoon with afropop and pop songs, closing at its usual time. Very weak signal. Heard

			only Nov 11, checked other days in the evening and in the afternoon, and there was no signal from this station. (Méndez)
5009.9	Nov12	1711	R.TV Madagasikara, Ambohidrano. Malagasy, tks. 35342 (CGS)
5009.95	Nov22	1452	R. Madagasikara. Sunday programming of religious (Christian) songs; 1501, clear IDs for "Radio Madagasikara"; into a program of pop/rap songs (strange music for a Sunday!). Recently this frequency has daily been well heard via long path around my local sunrise (1453); while 6135.0 is blocked 1400-1557 by strong CRI. (Ron Howard, Asilomar State Beach, Calif., USA)
5020	Nov23	1150	SIBC presumed, threshold level signal (XM)
5025	Nov16	0925	R.Rebelde, Bauta. Mx, tks. 25432 (CGS)
5040	Nov28	1734	AIR, Jeypore English news from Delhi // 4950 (AP-DNK)
5040	Nov13	1657	AIR, Jeipore, Hindi, comments. Very weak. (Méndez)
5040	Nov13	1649	AIR Jeypore, Odisha. Ind.lang., tks, Indian mx, chanting. 35332 (CGS)
5050	Nov23	1226	Beibu Bay Radio, Nanning, suspected, carrier (XM)
5085	Nov22	0952	WTWW Lebanon, full ID and into Christmas song, they obviously cannot sell the time and are trying to hang on to the frequency (XM)
5805	Nov15	1517	R. 208, Hvidovre. Pops. 15341 (CGS)
5805	Nov19	2038	Radio 208, Hvidovre, pop songs. (Méndez)
5805	Nov19	2115	Radio Northern Star, Bergen, music, id. at 2125: "Radio Northern Star". (Méndez)
5825	Nov25	2035	OZ-Viola, Hillerød, via groundwave Danish ann, pop music. <u>Future frequency: 5980. We are on at 2200-2300.</u> (AP-DNK)
5840	Nov26	1005	World Music R, Bramming English ID: "World Music Radio", English and Brazilian pop songs (AP-DNK)
5840	Nov20	0550	World Music Radio, Bramming, pop songs. (Méndez)
5840	Nov15	1519	World Music R, Bramming. Mx & songs. 25331 (CGS)
5915	Nov24	1455	Myanmar R, Naypyidaw. Vernacular poetry, orchestra music CWQRM (AP-DNK)
5939.5	Nov12	2207	R.Voz Missionária, Camboriú SC. Natl. nx magazine A Voz do Brasil. 35443 (CGS)
5952	Nov22	0056	Emissoras Pio XII, Siglo Veinte; local music, at 0100 male spanish talks, return of music. Unreadable, poor, het, distorted (LOB).
5952.32	Nov24	2330	Pio XII, Siglo Veinte weak signal , narrow filter lsb with om chat (Wilkner)
5952.5	Nov15	2223	R.Pío XII, Siglo XX. Songs. 24331 (CGS)
5952.50	Nov21	2320	JBA carrier vs pointless Cuban pulse jamming, no doubt Radio Pio XII, Siglo XX on its signature split frequency, also vs 5950 WRMI; Ralphus Perry thinx it's active only on Saturday nights. Still JBA carrier via indoor longwire due to thunder at 0108 UT Sunday Nov 22 (Glenn Hauser, OK, WOR)
5985	Nov24	1450	Myanmar R, Yegu Bamar woman talking with a child (AP-DNK)
5985	Nov25	1247	Myanmar Radio. Time for another two 5 minute editions of "Learning English with BBC, Burmese"; in the first program: "My name is Phil (Sally)," "His name is David," "Her name is Emma"; second show: "I come from England (Korea)(India)(China)"; very readable. This program will be repeated again on Friday. (Ron Howard, Asilomar State Beach, Calif.)
5995	Nov20	-0800*	Radio Mali, Bamako, French and Vernacular comments, music. (Méndez)
5995	Nov19	2202	R.Mali (p), Kati. Tks. Barely audible, extrem. weak audio. 45433 (CG)
5995	Nov27	0305	R Zambia, Lusaka, by far the strongest African signal of the evening, two W discussing regional concerns, heard mention of Zimbabwe, family matter, and around 0325 into nice selection of regional instmtl African mx, around 0330 I completely lost the signal and could not recover it (XM) ( <i>Frequency given as 5115, hope 5995 was correct?? /TN</i> )
5995	Nov19	1701	Zambia NBC, Radio 1, Lusaka, Vernacular, comments, African songs. At 1715 eclipsed by Bible Voice on the same frequency.. (Méndez)
5995	Nov15	0753	VOH, 0753 UT, Nov 15 (Sunday). In English and Korean; reading a Harry Potter story; heard // 3985 // 6350, but 4890, 6255 and 9105 had not started yet. Later at 0801, found all frequencies active (3985, 4890, 5995, 6255, 6350 and 9105). (Ron Howard, Asilomar State Beach, Calif.)
6015	Nov27	0326	ZBC, Dole, first signs of signal, around 0328 a W with African accent made a s/on ann-cmt that was mostly unintelligible, weak unintelligible talk continued after that, signal did have something of a wave effect (XM)
6015	Nov21	0327	RTZ tentatively the one at 0327 carrier on, into low-key man ancr in lang, into program with animated M & W at 0341 to 0355 t/out. F signal though mixed in local noise making for rough copy early in the xmsn, so no ID. Oddly, no Qu'ran recitation heard, so rechecks needed. (Potter)
6020		1900	RADIO EJANI on 6020 kHz heard at 1900-1957 has caused confusion. This is the CRI service in Albanian using the superpower tx in Shijiazhuang and carrying the program of

			the China-owned FM station Radio Ejani (Albanian for Radio Come!) broadcasting from Tirana and Durrës on 106.0 since 2013. Pop music programs with frequent IDs "Radio Ejani" and final CRI announcement in Albanian from Beijing during the 1-hour transmission. The tx then carries CRI in Polish at 2000 z (Ullmar Qvick, Norrköping)
6020	Nov25	1900	S8 via UTwente SDR, CRI theme, ID in Chinese and then ``Ju Flet ---`` which nails it as Albanian. Then YL narration with sound-effects, not just music. This caused confusion when first reported from Europe, but now we know from Albanian expert Ullmar Qvick in Sweden, BC-DX: ``CHINA/ALBANIA, RADIO EJANI on 6020 kHz heard at 1900-1957 UT has caused confusion. This is the CRI service in Albanian using the superpower tx in Shijiazhuang and carrying the program of the China-owned FM station Radio Ejani (Radio Come! in Albanian) broadcasting from Tirana and Durres on 106.0 MHz since 2013. Pop music programs with frequent IDs "Radio Ejani" and final CRI announcement in Albanian from Beijing during the 1-hour transmission. The tx then carries CRI in Polish at 2000 z (Ullmar Qvick, Norrköping-SWEDEN, Nov 22)`` Like several other languages, CRI is unable to produce own programs in Albanian, so this is the roundabout substitute. Kai Ludwig replies: ``In case I keep forgetting to check it: Should be // 7385 kHz. The inserted CRI ID suggests that this simply replaces their own Albanian-language radio productions. Remember that in last year CRI made drastic cuts to its linear radio programming, reducing many language services to hardly more than music and already telling listeners in Brazil that the radio service in Portuguese has ceased. Radio Ejani just *is* CRI: <a href="https://www.facebook.com/pg/RadioEjani/about/">https://www.facebook.com/pg/RadioEjani/about/</a> No contacts in Albania whatsoever, so apparently the two FM transmitters just take a feed from Beijing, and this program output is now also routed to the transmitters in China previously used for separate Albanian shortwave broadcasts, if they still did them for some time after 2013 at all. Kai`` (Glenn Hauser, OK, WOR)
6020	Nov15	2230	CRI Shijiazhuang listed in Aoki. Noted on 15 Nov at 2230-2257* in SP W-F, //stronger 6100, the latter of which continues into PT at 2300. (Potter)
6035	Nov23	1115	BBS. Had been checking here around 1115, which is normally a good time to catch their signal before cutting off about 1130*, but recently nothing was heard. Perhaps today's log explains why? Nov 23, tuned into 6035, at 1033, to hear an announcer clearly in English, but only bits and pieces made out; also playing some pop songs; suddenly cut off at 1044*. A new, early closing time? Needs more monitoring. (Ron Howard, Asilomar State Beach, Calif., USA)
6045	Nov14	1059	Radio 60! via Nauen, interval signal, identification, "Radio 60!, comments in Dutch and English, songs. (Méndez)
6050	Nov20	0632	ELWA Radio, Monrovia, English, religious comments. (Méndez)
6050	Nov20	2340	R Vozandes Media Pichincha, sounded like vernacular, M preaching (XM)
6055	Nov13	0725	Radio Nikkei 1, Chiba-Nagara, Japanese, comments. Very weak. (Méndez)
6070	Nov20	0504	CFRX, Toronto, news, comments. (Méndez)
6070	Nov20	2310	CFRX Toronto, news and commentary by M and W (XM)
6085	Nov24	1445	R Mi Amigo, Kall-Krekel English pop songs (AP-DNK)
6090	Nov24	1440	China Business R, Golmud Chinese conversation and music (AP-DNK)
6090	Nov27	0405	Voice of the Amhara State, Addis Ababa, very tentative, a poor night for Ethiopians, this one after following it for an hour finally had a M with noticeable African accent in long rambling talk, I was hoping for some "horn of Africa" music but never got any, signal strength at best poor (XM)
6115	Nov16	1725	Radio Congo, Brazzaville, African songs, French, comments. (Méndez)
6115	Nov20	0734	Radio Nikkei 2, Chiba-Nagara, pop songs in English. (Méndez)
6115	Nov21	1743	R.NZi, Rangitaiki. E, short stories. 35332 (CG)
6115	Nov17	0537	R. Congo, Brazzaville; male and female conversation seems in vernacular. Fair, clear, slow deteriorating over listening (LOB).
6134.8	Nov20	0720	Radio Aparecida, Aparecida, religious songs and comments. (Méndez)
6134.89	Nov28	0200	Radio Santa Cruz weak signal, Spanish om (Wilkner)
6140	Nov21	1620	Radio Onda with announcements in French and very nice music. 3 (CB)
6150	Nov18	2205	BBC via listed Tinang. BBC WS news in EG, G but fluttery. (Potter)
6160	Nov28	0545	I monitor 6160v which is certainly WBCQ while a talk show is in progress --- is that the one their schedule mistakenly shows as on 7490? At 0554 host says not going to do a third hour tonight --- that's certainly flexible! Refers to ``want to show you this ---`` so apparently originally a web/podcast with video. As commercial plug. Jeffrey Daugherty is host, so that clinches my conclusion about WBCQ showing wrong frequency on sked (Glenn Hauser, OK, WOR)
6165	Nov24	1458	Voice of Shenzhou, Beijing Amoy ann, local songs (AP-DNK)

6165	Nov16	-1501*	Thazin Radio, via Pyin Oo Lwin, 1430-1501* UT, Nov 16. Have not checked on this for a long time. Pleased to find I could confirm they are still on the air. Of course CNR6 was stronger, but definite start of the Thazin English segment at 1430; some pop music; 1438-1444, sounded like the news; 1444-1449, more music; 1449-1454, YL announcer; 1454-1500, more music; 1500, closing announcement; 1501*; unfortunately China had non-stop music, making it extremely hard to make out much in the way of good Myanmar details. Without music QRM, might have been able to get better details? My local sunrise was at 1446 UT. Will have to do more monitoring here for this time period. (Ron Howard, Asilomar State Beach, Calif.)
6180	Nov19	2031	Radio Nacional da Amazonia, Brasilia, Brazilian songs, comments. // 11780. (Méndez)
6185	Nov20	0502	Radio Educación, Ciudad de México, music, id. "Radio Educación, Servicio Nacional de Comunicación...", comentarios, classic music, id. "XEEP, 1060 AM, 100.000 watts de potencia, una emisora de Radio Educación, Servicio Nacional de Comunicación, desde la Ciudad de México" (Méndez)
6185	Nov22	2319	XEPPM is S9, as always undermodulated, but now also with CCI, Chinese? No, per Aoki/NDXC, CRI in Mongolian this hour via Xianyang 59 site. Mexico's last SW station don't get no respect, as Ivo Ivanov also notes: `Upcoming frequency change of NHK World Radio Japan via MBR Moosbrunn, Austria, ex-6155 from Nov 30: 0430-0500 NF 6185*MOS 300 kW / non-dir to WeEu English Mon-Fri 0500-0530 NF 6185*MOS 300 kW / non-dir to WeEu English Sat/Sun 0400-0430 on 6185*MOS 300 kW / 115 deg to N/ME Turkish Daily AWR *bad news for 6185 MEX 001 kW / non-dir to CeAm Spanish Daily XEPPM Radio Educacion!` Per Aoki/NDXC other 6185 obstacles: China Huayi from 0915, VOK from 1000, and Vatican in Chinese until 2230 (Glenn Hauser, OK, WOR)
6185	Nov27	0140	XEPPM R Educacion, Ciudad Mexico, a SW station you can actually listen to!, M and W in lengthy commentary, reference to Mexico, brief Mexican-type music, fair to at time good signal strength (XM)
6195	Nov15	2300	BBC, via listed Kranji. t/in with WS news, F signal. (Potter)
6195	Nov18	2156	VOA relay, Pinheira at t/in with VOA editorial, 2159 s/off ants. G signal. (Potter)
6200	Nov22	1600	Xizang PBS via Lhasa. The "Holy Tibet" show in English, "presented to you by China Tibet Broadcasting"; long segment about Tibetan incense and played a lot of indigenous music and singing; fairly readable; in another month, should be good! (Ron Howard, Asilomar State Beach, Calif., USA)
6230	Nov18	2234	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. // 7810.062. 25341 (CG)
6230U	Nov28	1352	Coastal marine weather info, obsessed with wind direxions and gusting speeds in knots, S6; 1354, `end of transmission from VMW`, i.e. Wiluna, Western Australia, which is far inland in central WA, hardly a marine town, rather a gold-mining town: `Wiluna is a small town in the Mid West region of Western Australia. It is situated on the edge of the Western Desert at the gateway to the Canning Stock Route and Gunbarrel Highway. Wikipedia`. But the VMW site was obviously chosen as at a suitable skip distance from the coasts. EiBi shows hours as 10-23; but also on 6230, Sound of Hope and CNR1/Firedrake jamming up to 24 hours. When VMW goes off I do detect a JBA carrier, fortunately nothing more, but that CCI should be a much greater hazard around Oz (Glenn Hauser, OK, WOR)
6245	Nov26	2210	R.Echo of Hope (cland.), Hwaseong. Kor to KRE, tks, mx. Jammed. 34342 (CG)
6350	Nov12	2224	R.Echo of Hope (cland.), Hwaseong. Kor to KRE, tks. Jammed. 23341 (CGS)
6355	Nov20	2213	R.Echo of Hope (cland.), Hwaseong. Kor to KRE, tks. Jammed. 23431 (CG)
6507	Nov13	1710	VFF Iqaluit Coastguard (p), Iqaluit. E/F, wx rpt. 25341 (CGS)
6520	Nov22	2211	Voice Of The People (cland.), Goyang. Kor to KRE, tks, mx. Jammed. 34432 (CG)
6600	Nov22	2213	Voice Of The People (cland.), Goyang. Kor to KRE, tks, mx. Jammed. 34432 (CG)
7200	Nov23	1111	Heard <b>National Unity Radio</b> , still on 7200 kHz. Also later at 1143, with very brief English language lesson; about a one minute spot; started and ended with the pop song "ABC" by the Jackson 5; "I really enjoyed the meal"; still with schedule of 1100-1258; my brief audio <a href="https://bit.ly/3lVMxbe">https://bit.ly/3lVMxbe</a> . They have not changed their frequency, so I hope the ITU investigation is successful, as I imagine no amateur radio operator could compete with NUR's strong signal. (Ron Howard, Asilomar State Beach, Calif., USA)
7205	Nov20	0504	Voice of Africa, Al Aitahab, Arabic, comments. (Méndez)
7220	Nov18	2305	CRI in Vietnamese with VG signal overpowering co-channel Radio Romania Intl. in EG. (Potter)
7255	Nov25	0636	VON is back on tonight, S9+10/20 but undermodulated (Glenn Hauser, OK, WOR)

7340	Nov19	0434	Eye Radio; male conversation in english “we suppose deciding...in a past week...local government”, male outside seems in vernacular (Juba? As Aoki lists). Fair signal level with some fade, clear (LOB).
7490	Nov28	0528	outro of `Heart to Heart with Kimberly Ann`, World Harvest Radio promo, 0530 Pete Summerall introduces late father Lester. So it`s WHRI as registered in HFCC B-20 for 0430-0600. Yet, the WBCQ program schedule claims it is on 7490 at 0400-0600 with a wacko conspiracy show I am not going to name. Since I first pointed out this anomaly of WHRI signing off 7490 at 0600, there has been a resounding lack of interest: it seemed as if WBCQ might already be doing some programming on a Furman transmitter. (Glenn Hauser, OK, WOR)
7810.1	Nov18	2235	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25341 (CG)
7890	Nov22	0806	(Second harmonic 2 x 3945), R. Vanuatu, Port Vila; male and female talks seems an interview, short music as a bridge to return talks. Poor (LOB).
9100	Nov17	2234	R.Echo of Hope (cland.), Hwaseong. Kor to KRE, songs, tks. Jammed. A lot better on // 4885. 25331 (CG)
9280.1	Nov17	2236	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks, mx. 15341 (CG)
9290	Nov24	1355	TWR-India via Gavar 1355 past 1400 with no break, S Asian language at S6-S9. Still there but weaker at 1417 vs running-H2O QRM. It`s TWR-India via Gavar, in Hindi daily 1345-1415, amid a total span of 1315-1445 in various languages. Aoki/NDXC shows Hindi until 1420 on weekdays, otherwise English until 1425*, extended to 1445* weekends. (Glenn Hauser, OK, WOR)
9635	Nov20	*0800-	Radio Mali, Bamako, tuning music, French, id. Music, Vernacular and French, comments, id. “ORTM la passion du service public”. (Méndez)
9635	Nov14	1102	R.Voice Of Vietnam, Son Tay. Vietn, tks. QRM de MLI. 23441 (CGS)
9635	Nov15	1249	R.Mali, Kati. Vn, tks, IS, nx in F at 1300. 45444 (CGS)
9650	Nov16	0732	Radio Guinea, Conakry, French, comments, id. “Radio Guinée”, at 0800 news. At 0800 QRM fom Voice of Korea signing on. Very irregular, other days out of air. (Méndez)
9650	Nov16	1011	R.Guinée, Sonfonia. Vn, tks. QRM de ARS (p). 34443 (CGS)
9650	Nov25	0755	Radio Guinea, Conakry; hi life music selections, male ID in french “R. Guine...” at ToH, seconds later start of Voice of Korea strong QRM. Good, clear till VOK QRM (LOB).
9664.9	Nov12	2209	R.Voz Missionária, Camboriú SC. Natl. nx magazine A Voz do Brasil. 35443 (CGS)
9665	Nov20	0740	Voz Missionaria, Camboriú, religious comments and songs. (Méndez)
9665	Nov27	0118	R Voz Missionaria, Camboriu, presumed, weak unintelligible threshold signal (XM)
9818.9	Nov19	1950	Radio 9 de Julho, Sao Paulo, religious comments. (Méndez)
9818.9	Nov24	2205	R. 9 de Julho, São Paulo SP. Natl. nx magazine A Voz do Brasil. 15441 (CG)
9835	Nov20	1016	Sarawak FM, Kajang, Malaysian comments, male and female, Malaysian and Arabic songs. (Méndez)
10869.4	Nov18	2238	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 (CG)
11100	Nov13	1740	Sound Of Hope R Int'l (p), unk. site. Mand (to CHN, if it's actually SoHRI), tks. (CGS)
11460.2	Nov13	1643	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks, mx. 15341 (CGS)
11680	Nov15	0600	Voice of Hope Africa, Lusaka, program “Wavescan”. (Méndez)
11725	Nov21	-1258*	R.NZi, Rangitaiki. E, tks, mx, fq. change ann., IS. 35433 (CG)
11735	Nov13	1647	Zanzibar BC Co. (p), Dole. Mx, tks at 1700. Surely using far less than the nominal 50 kW. 15341 (CGS)
11780	Nov19	2005	Radio Nacional da Amazonia, Brasilia, id. “Radio Nacional da Amazonia”. (Méndez)
11815	Nov20	0820	Radio Brasil Central, Goiania, musical program “Brazil Sertanejo”, “Radio Brasil Central, no coraçao do Brazil, comunicando para o mundo”, “Radio Brasil Central está apresentando Brasil Sertanejo, 5 y 35”. (Méndez)
11815	Nov23	2212	R.Brasil Central, Goiânia GO. Tks, mx. 15341 (CG)
11835	Nov15	0729	(Third harmonic 3 x 3945), R. Vanuatu, Port Vila; male and female talks. Poor, fady, QRM from 11840. (LOB)
15190.1	Nov20	0820	Radio Inconfidencia, Belo Horizonte, “Trem Caipira”, Brazilian songs, comments, “Trem Caipira o som do noso gente, o som da terra”, “Radio Inconfidencia”. (Méndez)
15805	Nov15	1525	World Music R, Randers. Mx & songs. 35432 (CGS)

## Pirate Stations

3920	Nov21	1759	R.Piepzender - pir. Du/E, pops. 25342 (CG)
3920	Nov21	1715	Radio Piepzender, a legal station in the Netherlands, noted with pop music and frequent announcements. 2-3 (CB)
3920	Nov25	1933	R.Gaar via R.Piepzender - pir. Pops. ID via DX press. 45343 (CG)
3935	Nov26	2202	Zenith Classic R (IRL) via UnID, Irish? - pir. Pops. LSB tx. ID via DX press. (CG)

4895	Nov19	1905	Mystery Radio 21, pop songs, id. "Mystery Radio 21, your favourite station". (Méndez)
5140	Nov17	2225	Charleston R Int'l - pir. Oldies. 35342 (CG)
5780	Nov24	2201	Harmony R - pir. E, oldies. USB QRM de Galician fishing boats. 34432 (CG)
5791	Nov13	2210	R. 319 - pir. Pops. ID via DX press. 25342 (CGS)
6195	Nov28	0830	Mike Radio, Heerde with pop music on a Saturday morning. 2-3 (CB)
6210	Nov14	1809	R.King Short Wave - pir. Pops. ID via DX press. 15341 (CGS)
6276	Nov15	1702	R.Cochiguaz - pir. Mx. ID via DX press. 15331 (CGS)
6285.2	Nov15	1521	R.Baken 16 (t) - pir. Pops. T-ID via DX press. 15331 (CGS)
6294.9	Nov17	2231	R.Cuckoo - pir. E, pops, e-mail addr. anns. 35443 (CG)
6295	Nov15	1523	Reflections Europe - pir. E, rlg. propag. pxs. Inaudible on // 12255. 35443 (CGS)
6305	Nov19	2209	R.Merlin Int'l (p) - pir. Songs. 15341 (CG)
6320	Nov21	1937	R.Joey - pir. Pops. Country ID & stn ID via DX press. 25331 (CG)
6325.4	Nov15	1531	R.Golf Victor, Grote Versierder - pir. Songs, Dutch mx. Improving. ID via DX press. 15341 (CGS)
6375	Nov22	1823	R. 319 - pir. Mx, pops. Country & stn ID via DX press. 35342 (CG)
6906Uv	Nov16	0235	still no signal from ROCV into Bonaire SDR. Manuel Méndez, Spain, explains Nov 16: ``6906, R. O. C. V., El Tigre, seems to be out of the air for at least two days. I have contacted the station staff and they confirm that they are off de air due to a transmitter power failure`` (Glenn Hauser, OK, WOR)
6914	Nov18	2229	Pirate music at first hard to pinpoint until a voice could sound about right here. Heavy beat dance music at the rate of 128/minute - slightly more than disco which is about 120. No announcements between breaks, nor any caught in sporadic chex past 2326 still going. Good modulation better than many big guns achieve, and S8-S9. Many many logs here as Mix Radio International <a href="https://www.hfunderground.com/board/index.php/topic.74455.15.html">https://www.hfunderground.com/board/index.php/topic.74455.15.html</a> starting with this one 3 hours ago: ``Details: 2020 - Ultra-wide USB - with jazz fusion music « Last Edit: Today at 20:25 by Big Badfish AI »`` (Glenn Hauser, OK, WOR)
6985	Nov26	2208	R.The Vault (p) - pir. Pop oldies. 35343 (CG)
13770	Nov21	1751	Mix R Int'l - pir. Mx. USB tx. Country & stn ID via DX press. 15341 (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 Manuel Méndez, Lugo, Spain UQ, Ullmar Qvick, Norrköping XM - Cedar Key - Florida	CG/CGS, Carlos Gonçalves, Lissabon, Portugal AP-DNK, Anker Petersen, Skovlunde, Denmark CB, Christer Brunström, Halmstad, Sweden Robert Wilkner, Pompano Beach South Florida LOB, Lúcio Bobrowiec, Embu SP, Brasil (via Wilkner) David Potter, Gainesville, FL
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## Station news

**AZERBAIJAN.** Azərbaycan Radiosu Azərbaycan Radiosu is the state radio service of Azerbaijan TV and Radio Broadcasting. All broadcasting is on FM only with mediumwave and shortwave transmitters having closed.

Ictimai Radio Ictimai Radio is a Baku-based FM station that is irregularly heard on shortwave with a wideband FM transmission to interfere with broadcasts from Voice of Justice and Voice of Talyshistan. It was last heard on 9677v kHz in April 2018.

### Nagorno-Karabakh

Nagorno-Karabakh is a landlocked region in the South Caucasus. It is internationally recognized as part of Azerbaijan, but most of the region is governed by the Nagorno-Karabakh Republic, a de facto independent nation established on the basis of the Nagorno-Karabakh Autonomous Oblast of the Azerbaijan Soviet Socialist Republic. Azerbaijan has not exercised political authority over the region since the advent of the Karabakh movement in 1988. (Wikipedia).

**Voice of Justice** Voice of Justice started broadcasting in August 1997 to promote a better understanding between Azerbaijan and Armenia on the Nagorno-Karabakh issue. It has been several years since Voice of Justice has been positively heard on shortwave from a 5 kW transmitter in Stepanakert. It had broadcast on 9677 kHz and suffered deliberate interference at times from Radio Ictimai.

**Voice of Talyshistan** Voice of Talyshistan started broadcasting from Shushi, Nagorno Karabakh, in March 2013 at the initiative of the Iranian Studies Chair of the Yerevan State University and the Modus Vivendi Center. The main target

audience is the 1.5 million Talysh population in Azerbaijan. It has not been reported recently but had broadcast on 9677v kHz, presumably using the same 5 kW transmitter in Stepanakert as Voice of Justice.

### ***Target broadcast to Azerbaijan***

Voice of Free Talyshistan

Voice of Free Talyshistan is mentioned in WRTH 2020 as a programme produced by the Yerevan-based NGO "Modus Videndi Center" (also see entry for "Voice of Talyshistan" above - connected?).

Transmitter site: Gavar, Armenia (erv) - 1000 kW.

Times/UTC	Days	Language	kHz
1715-1730	Daily	Talysh or Azeri?	1395-erv

(<http://bdxc.org.uk/mideast.pdf> / Middle East & Caucasus on Mediumwave and Shortwave A comprehensive guide to short and mediumwave radio stations in the Middle East and Caucasus. In country order, pdf format. Updated for B20 schedules.

Compiled by Tony Rogers with thanks to Dave Kenny, Alan Pennington and members of the British DX Club (RUS-DX #1108)

**KOREA NORTH [non]**, 6085, Shiokaze/Sea Breeze, via Japan, at 1306, Nov 25 (Wednesday). Strong signal and in the clear with good reception in Korean, so a very good frequency choice; ex 6145, which was still heavily jammed today by N. Korea. Shiokaze // 7310 (ex 7295, where Nippon no Kaze now has very good, clear reception), with weaker signal, but in the clear, so another good choice.

These change of frequencies are timed perfectly for tomorrow's (Thursday) scheduled 1300-1400 broadcast in English, as it normally takes N. Korea several days to change their jamming to Shiokaze's new frequencies.

Thanks very much to Hiroshi's excellent site for the following info - <http://hiroshi.mediakat-blog.jp/> :

Shiokaze, November 25, 2020

1300-1400 6085, 7310 Korean

1405-1435 6070, 7325 Japanese

1600-1700 Korean

(Ron Howard, Asilomar State Beach, Calif.)

## ***Other radio news***

### **29th edition of the "Broadcasting in Russian" Handbook, published by the St. Petersburg DX Club, has been recently released.**

The handbook is the most comprehensive guide to broadcasts in Russian on long, medium and short waves. Its "Air Broadcasting" section features all radio stations transmitting in Russian at present, both from Russia and abroad, which could be received in Russia, CIS and surrounding countries (totally 46 stations from 29 countries and territories of the world). Station listings include frequency and programme schedules, transmitter location and power, target areas, postal addresses, phone/fax numbers, Web sites, social network pages, e-mail addresses as well as QSL policy info. The schedules are generally valid until 27 March 2021 (during B20 broadcasting season).

"Internet Broadcasting" section contains information on Internet broadcasting of 16 stations of 14 countries and territories of the world.

The Handbook is exclusively in Russian and distributed as a hard copy only. Its volume is 64 pages of A5 size. Please address your purchase requests and questions to St. Petersburg DX Club by e-mail to [dxspb@nrec.spb.ru](mailto:dxspb@nrec.spb.ru) or by mail to c/o Alexander Beryozkin, Neva Radio Electronic Co. Ltd., P.O. Box 13, St. Petersburg, 192007, Russia

The price is 6 EUR or 7 USD (including delivery by registered mail) by cash/PayPal/Skrill.

(Alexander Berezkin, St.Petersburg DX Club, Russia, RUS-DX #1109)

### **Animated ether**

In Russian. On Sunday, November 23, 1924, the first broadcast of the Moscow radio took place. This moment was the beginning of regular radio broadcasting in the USSR. The first broadcast of Moskovsky radio was carried out by the Comintern Central radiotelephone station. On the evening of November 23, the first issue of the information and analytical program "radio Newspaper of GROWTH" was broadcast»...

Full Tex + photos: <https://ad-informandum.livejournal.com/107010.html>

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

(RUS-DX #1109)

## CloudSDR

**Available December 2020.**

The next chapter in #connected software defined radios.

The CloudSDR is a stand-alone, high performance 9 kHz - 1500+ MHz SDR with a built-in internet server. The radio performs the tuning and demodulation of signals and transmits the demodulated information back to a PC or Android client over the internet.

CloudSDR Direct Sampling SDR + 1500+ MHz silicon tuner, 10 MHz Reference input, Trigger Input, TCXO, Direct connect IQ or Cloud Server Mode. Artix 7 100T, STM32F7 Processor.

### Preliminary Information

Applications:

- Internet of Things (IoT) remote access point
- Geolocation of remote signals
- Distributed radio and sensor systems
- Remote receiver monitoring
- Sonar and radioactivity monitoring
- Flyable drone receiver for reconnaissance

Pricing: MSRP \$1499

Please email [info@rfspace.com](mailto:info@rfspace.com) for more information. ( <http://rfspace.com/RFSPACE/CloudSDR.html> )



## QSL: How I Traveled the World and Never Left Home

Dear Sir:

I am an American nonfiction author, having written and published 24 books on a number of subjects, mostly collections of essays and albums of photography. I have published a book that I believe would be of interest to your subscribers, members and readers, *QSL: How I Traveled the World and Never Left Home*.

I believe that this is the first book to be published—at least in English—incorporating full color reproductions of over 100 vintage QSL cards—most displaying both front and back—issued by 89 shortwave stations in 75 countries. Additional sections of the book consist of reproductions of cards from radio amateurs and shortwave listeners and a selection of greeting cards received from shortwave radio stations in nine countries.

The book of 163 pages is prefaced by a 17-page introduction discussing my experiences in shortwave listening and the hobby in general. Since I was pursuing shortwave listening as an adolescent, all the QSL cards were received between 1956 and 1961.

An appendix of 1,200-words, “A Letter from Antarctica,” recounts how, in 1958, as a teenager in Kentucky, I was linked with a British meteorologist in Antarctica via Radio Sarandí, a shortwave station in Montevideo, Uruguay.

I believe that many radio enthusiasts may be interested in discovering my QSL collection of half a century ago. *QSL: How I Traveled the World and Never Left Home* is currently available on the Amazon platforms listed in the table below and will be available on other online booksellers in the future.

Discover and purchase all my books on my Amazon Author Page: [amazon.com/author/ronaldwkenyon](https://www.amazon.com/author/ronaldwkenyon)

(Sincerely yours, Ronald W. Kenyon)

### [WOR] Dramatic Information from All India Radio - Part 1

As we indicated at the end of our program last week, we bring you today the news about a series of recent dramatic radio events that have occurred in India. This information is provided to us by Jose Jacob VU2JOS who is the Assistant Director at the National Institute of Amateur Radio in Hyderabad India.

In Part 1 of our presentation today, we tell you the story of a slew of closures of regional shortwave stations in India. The information about each of these radio events is presented in chronological order of when closure is indicated, not in chronological order of when each radio service began.

The very popular radio program with the Indian title Vividh Bharati was introduced in 1957 to counter the very popular shortwave programming from the Commercial Service of Radio Ceylon. For many years, this AIR program service was

also heard on shortwave in the very unusual procedure of synchronizing four shortwave transmitters on the same channel 10330 kHz. These AIR shortwave transmitters were located at Delhi, Guwahati, Mumbai, and Chennai.

The final broadcast on shortwave of Vividh Bharatee was on September 4 (2020) from a 250 kW transmitter at Aligarh on 9380 kHz.

It was on July 16, 1958 that a new shortwave service was introduced in the city of Hyderabad with the inauguration of a 10 kW AWA transmitter from Australia, under the Colombo Plan. This new station was installed at suburban L B Nagar. Their 50 kW transmitter was installed 35 years later in 1993. This station was at times noted on the air with extended programming on 4800 kHz or 7420 kHz due to cyclonic storms on the east coast. This shortwave service was closed on October 16 (2020).

One of the very oldest shortwave services in India was station VUM in Madras in Tamilnadu state. With studios in Mylapore (quite close to where the local historians will tell you that the Bible character, the doubting disciple Thomas was murdered and buried), and the transmitter was installed at nearby Avadi. Their subsequent 50 kW transmitter, which was on the air in daylight on 7380 kHz and in darkness on 4920 kHz, was finally closed at the end of a magnificent 82 years of on air service, on October 17 (2020).

A shortwave service at Bhopal was inaugurated in 1957 with 250 watts on 4940 kHz (night) and 7150 kHz (day) and back at that stage, there was no mediumwave station in Bhopal, only shortwave. During the night of December 2, 1984, there was a massive explosion at the Union Carbide battery factory in Bhopal resulting in the death of some 16,000 people with an additional half a million injured. This was the world's deadliest industrial disaster, though AIR Bhopal was apparently not affected by this phenomenal accident.

There was a power increase at shortwave Bhopal up to 10 kW, and subsequently to 50 kW. This shortwave station was also closed on October 17 (2020), along with four other regional shortwave stations in India.

Beginning in the 1960s, there were three unsuccessful attempts at establishing a shortwave station in Trivandrum, though finally a 50 kW unit was installed at Muttathura on the coast in 1992. This station was also closed according to the newspaper report, on October 17 (2020). {5010 --- gh}

During the year 1992, a 50 kW shortwave transmitter was installed in the city of Jaipur in the Indian state of Rajasthan. This station operated on 4910 kHz (night) and 7325 kHz (day). Jose Jacob states that he heard the end of their final shortwave broadcast at 11:21 pm local time (1751 UTC) on 4910 kHz, on Friday October 23 (2020)

That's as far as we can go this time, and you will hear additional information regarding major changes in the Indian radio scene next week here in Wavescan.

(Adrian Peterson, Indianapolis, script for AWR Wavescan 22 Nov 2020)

### [WOR] Universal Radio to Close



Very sad news everyone, US radio dealer Universal Radio in Ohio to close after inventory liquidation (at a new location). We wish Fred and Barbara Osterman the best in retirement.

<https://www.universal-radio.com/RetireNotice.html>

"Dave's Radio Receiver Page" <https://www.qsl.net/n9ewo/news.html>

(David Zantow N9EWO via WOR)

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Sadly, the end to decades of great service to radio hobbyists. (Harold Sellers via WOR)

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I echo Harold's sentiment. I was like a kid in a candy shop when I paid a visit to the old store in Reynoldsburg a number of years ago, and the owners were so gracious. I still treasure the books purchased from them (Shortwave Re-

ceivers Past and Present is a fantastic resource!), as well as equipment. Now I have a Universal M7000 to play with, time permitting. The service I received from Fred and his wife was always top notch, so I suspect Paul's experience was an outlier. Once Universal is gone, who do you turn to, I ask? The big names are all gone, both in the US and in Canada. Tick, tick, tick :- ( / Walt Salmaniv via WOR

### Top 10 transistor receivers from the USSR in the 1970s. Radio for geologists and political instructors.

In Russian.

During the stagnation era of the 1970s and 80s, portable transistor receivers were perhaps the most common source of music signal and information. It was through them that not only townspeople and rural residents learned the latest news, but also participants in geological exploration and other expeditions, as well as political instructors in the army. Some of the models even claimed the laurels of true Hi-Fi! ...

Full text - <https://www.hi-fi.ru/magazine/audio/top-10-tranzistornykh-pri/>

<https://m.vk.com/public158109176>

(RUS-DX #1108)

## [WOR] BRAZIL: Visit to Rádio Nacional da Amazônia

From: Ian Shortwavesites, Sat, 21 Nov 2020

Post on Radio Heritage Foundation website.

Report and research by Martín Butera <https://www.radioheritage.com/story527/>

(via WOR)

## Top 10 DX Of The Year 2020 (Dec.1-31)

On December 1, a competition for long-distance reception lovers starts. Anyone can take part; preliminary registration is not required. The rules are simple - during December it is necessary to register the reception of 10 broadcasting stations from 10 different countries. The further the transmitter is from the receiving point and the lower its power, the better. All contestants will be sent certificates of participants (regardless of the occupied place).

Detailed information on the website: <http://www.topdx-radioclub.com/index.html>

Questions can be asked at: [topdx.radioclub@gmail.com](mailto:topdx.radioclub@gmail.com) (Konstantin Barssenkov, St. Petersburg, Russia / "deneb-radio-dx") (RUS-DX #1108)

## IEEE Spectrum: “The 11 Greatest Vacuum Tubes You’ve Never Heard Of”

Many thanks to SWLing Post contributor, Ed, who writes:

Hi Thomas, SWLing Post readers who are fans of tube radios might enjoy reading about “[The 11 Greatest Vacuum Tubes You’ve Never Heard Of](#)” in this IEEE Spectrum article. While only a few of them have been used in radio and audio applications, they’re all weird and amazing! (Source: [IEEE Spectrum](#))

(via SWLing Post)

In an age propped up by quintillions of solid-state devices, should you even care about vacuum tubes? You definitely should! For richness, drama, and sheer brilliance, few technological timelines can match the 116-year (and counting) history of the vacuum tube. To prove it, I’ve assembled a list of vacuum devices that over the past 60 or 70 years inarguably changed the world.

And just for good measure, you’ll also find here a few tubes that are too unique, cool, or weird to languish in obscurity.

Of course, anytime anyone offers up a list of *anything*—the comfiest trail-running shoes, the most authentic Italian restaurants in Cleveland, movies that are better than the book they’re based on—someone else is bound to weigh in and either object or amplify. So, to state the obvious: This is *my* list of vacuum tubes. But I’d love to read yours. Feel free to add it in the comments section at the end of this article.

My list isn’t meant to be comprehensive. Here you’ll find no gas-filled glassware like [Nixie tubes](#) or thyratrons, no “uber high” pulsed-power microwave devices, no cathode-ray display tubes. I intentionally left out well-known tubes, such as satellite traveling-wave tubes and microwave-oven magnetrons. And I’ve pretty much stuck with [radio-frequency tubes](#), so I’m ignoring the vast panoply of audio-frequency tubes—with one notable exception.

But even within the parameters I’ve chosen, there are so many amazing devices that it was rather hard to pick just eleven of them. So here’s my take, in no particular order, on some tubes that made a difference.[...]

Thank you for the tip, Ed. Brilliant article!

(From the SWLing Post)



## [WOR] Radio Nepal on Shortwave

During the past (almost) three quarters of a century, Nepal has been noted on shortwave at a total of five different transmitter locations. We begin our story today at their earliest location, which was not at the capital city Kathmandu, but rather in a country town some 250 road miles distant.

### 1. Biratnagar

The congested regional city Biratnagar in eastern Nepal with its quarter million population lies just three miles from the border with India. This metropolitan locale was named Biratnagar, which in translation means the Huge Village, and the name honors an ancient local leader, King Virat. Biratnagar is listed as the industrial capital of the nation of Nepal.



On December 13, 1950 at 8:30 pm, a new shortwave voice was heard in Nepal and it identified on air in the Nepali language as Nepal Prajatantra Radio, meaning Radio Democracy of Nepal. This temporary clandestine Radio Democracy operated with 150 watts on 7100 kHz (42.25 m) in the shortwave band that was in use for both amateur communication and program broadcasting.

This new low power shortwave radio station was heard with a good signal in nearby areas of Nepal and India; for example, at Kathmandu, Darjeeling and Calcutta. It is probable that the technical equipment for Radio Democracy was already in use as a communication station for contact with a similar station in Kathmandu. The Kathmandu communication station was installed at a suburban location identified as Aakashbani meaning a Voice from the Sky, a name borrowed from India.

## 2. Singha Durbar

Three months after Radio Democracy was launched in Biratnagar, the technical equipment was removed and installed in Singha Durbar in Kathmandu, together with additional electronic items from the Aakashbani station. The actual site in Singha Durbar (Lion Palace) in the royal administrative area of Kathmandu was in a two storey building previously in use as a school for the children of the royal families.

The new radio broadcasting station, known initially as Nepal Radio, was inaugurated on April 1, 1951, with the same 150 watts on the same shortwave channel 7100 kHz. When the daily routine settled down, the station was on the air in three daily transmission periods totaling 3¼ hours.

## 3. Jawalekhel

A decade later, a transmitter station was constructed at Jawalakhel three miles south east from Kathmandu. A single 5 kW shortwave transmitter, assembled by AWA in Australia with Philips and AWA components and made available by Australian Aid, was installed and taken into service in 1956. Monitoring reports suggest that this transmitter was in use mainly on 7105 Hz, though earlier short term usage was noted on also 7100 kHz and 6004 kHz.

A second 5 kW shortwave transmitter similar to the first, and again made available by Australian Aid, was installed at Jawalakhel six years later, in 1962. This new transmitter seems to have been more flexible in its frequency usage, and monitoring reports indicate that it transmitted on at least seven different shortwave frequencies, though 5005 kHz became its standard channel.

After the inauguration of another shortwave station at a separate location, the Jawalakhel station was reserved to standby status, though the two low power shortwave transmitters were activated for a brief series of test broadcasts once each year. Ultimately Transmitter 1 was cannibalized for parts to enable Transmitter 2 to continue in service, and soon after the turn of the century, this sort of double transmitter was removed from Jawalakhel and the station itself was then closed.

## 4. Sainbu Bhaisepati

In 1983, Japan constructed a new radio transmission station at Sainbu Bhaisepati, some five miles south east from Kathmandu as a new mediumwave station. When Jawalakhel was closed, the hybrid 5 kW shortwave transmitter was removed and re-installed at Sainbu Bhaisepati for use as an emergency standby unit on the same 5005 kHz channel. However around the year 2013, this transmitter was finally also unusable, and silenced forever.

## 5. Khumaltar

During the year 1968, a 100 kW Marconi shortwave transmitter from England, Model BD253, was installed in a new transmission facility located at Khumaltar, also some five miles south east from Kathmandu. Test broadcasts from this unit began on 9590 kHz in late summer, though an additional channel 7165 kHz was added during the next year (1969).

Ten years later (1978), an American 100 kW Harris shortwave transmitter Model SW100 was added and both units were then active with parallel programming. Give four more years (1982) and a third shortwave transmitter was installed at Khumaltar, an updated Harris, Model SW100A. His Majesty the King officially inaugurated this third unit as well as a suite of new studios on May 9, 1983.

At times, there were then three 100 kW transmitters on the air, though there were many occasions when the low powered 5 kW transmitters at Jawalakhel took over some of the main transmissions from Khumaltar.

At this stage, Radio Nepal introduced three channels of programming:

Channel 1 National Program on mediumwave and 5005 shortwave, Channel 2 Commercial Service on 7165 kHz shortwave only, and the External Service on all operational transmitters.

During the year 2006, repair work was performed on the 5005 kHz transmitter and this produced a clear signal, at least for a while, then the old poor modulation returned. In addition, there were times when the station was off the air during power cuts in the area. Then three years later (2012) the shortwave service was closed.

However six years later again there was a comeback. Whatever transmitter equipment was still serviceable was assembled into a low power hybrid transmitter that was operational at between 10 kW and 20 kW on the usual 5005 kHz channel. In September 2018, test broadcasts were noted from this unit.

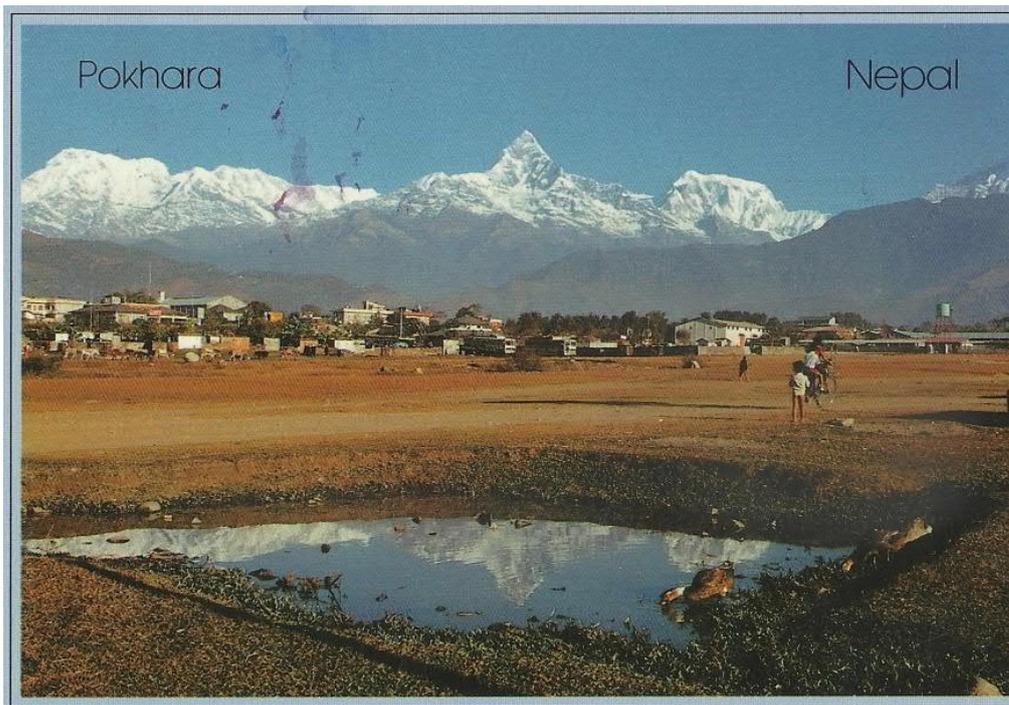
Back last month here in Wavescan, we referred to an item of news in the American NASWA Journal which stated that the low powered shortwave transmitter on 5005 kHz in Nepal was closed. We posed the question: Which shortwave transmitter at what location was closed in June 2020?

We have presented here in Wavescan over the past month or two our research into the history of each of the five shortwave locations in Nepal (Biratnagar, Singha Durbar, Jawarlahel, Sainbu Bhaisepati, and Khumaltar) each of which incidentally can be seen on Google Earth.

Thus it becomes very clear, that the last analog shortwave transmitter in Nepal was a somewhat hybrid unit assembled from whatever was needed from the three 100 kW units (1 Marconi & 2 Harris) though it was and operating at around just 10 kW. This transmitter was located at Khumaltar on the familiar 5005 kHz and it was last noted on air back in September 18, 2018, though some transmitter tests were conducted during the following year (2019). The 10 kW shortwave transmitter at the Khumaltar shortwave station was officially closed on June 18, earlier this year (2020). Nepal is now silent on shortwave.

(Adrian Peterson, Indianapolis, script for AWR Wavescan November 15)

**R Nepal - QSL card from 1997**



N-1171 \* PILGRIMS ARTCARD \* PILGRIMS BOOK HOUSE \* KATHMANDU Tel: 416744 \* PHOTO: ZENITH PHOTO, POKHARA \*



**Radio Broadcasting Service**  
**RADIO NEPAL**

P. O. Box 634, KATHMANDU / NEP.

**QSL-VERIFICATION-CARD**



Dear Pavel Mocooh

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

Date: AUG 6, 1997

Frequency (KHZ) 5002 KHZ

Time (UTC): 18.20 UTC

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

*RSKarki*  
Signature

Broadcast Hours: 00:15-17:15 HRS (UTC)

FREQUENCIES: 5005, 7165/3230, 1143, 810, 792, 684, 648, 576 (KHZ)

PAVEL MOCOCH

L. HOSAKA 11

70030 OSTRAVA 30

CZECH REPUBLIC

# DX nostalgia by RFK

In these troubled times a piece of nostalgia can't be wrong. So how about some DX nostalgia? Let's start with a QSL from Kanwar Sandhu. The Voice of America Bethany relay station was located close to the WLW site, owned and operated by the Crosley company, and it was also Crosley engineers who built it. It was closed down in 1994 as VOA was starting to rely more on satellite communication.



**BETHANY  
RELAY  
STATION**

1942 **VOA** 1992

Half a century of broadcasting to the world

Voice of America  
Bethany Relay Station  
Post Office Box 227  
Mason, Ohio 45040 USA

Photo shows Bethany Relay Station  
Main Transmitter Building (1990)  
With Curtain Antenna Support Masts  
for antennas bearing to Europe and Africa

**Verification ("QSL") Card**

CINCINNATI, OH 452  
PM  
9 NOV  
1991

William's 40c  
USA 40c

Date / Datum / Fecha / Date: 25 OCT, 1991  
Time / Heure / Zeit / Hora: 1600-1635 UTC  
kiloHertz: 19,261.5 USB

Program Details / Resume de l'emission  
Programmdetails / Sumario del programa  
VoA African Service Feeder.  
Bethany has be on air  
Since 1944. Just dedicatel  
3 new 250kw transmitters.

John Vodemb  
for Bethany Relay Station

Mr. KANWAR SANDHU  
408, KRISHNA NAGAR  
LUDHIANA - 141 00  
INDIA

Color Transparency: McLaughlin Studio, Mason, Ohio USA

This QSL card comes from my own collection and it's a quite exotic station which I received on 15476 kHz. It may still be heard on SW. Radio Nacional Arcangel San Gabriel started broadcasting in 1979 and is located at the Esperanza Base at the northern Antarctic peninsula, a research station established in 1952 by Captain Jorge Edgard Leal. The Swedish geologist Otto Nordenskjöld visited the area during his 1901 expedition which was to stay over the winter to explore and make charts of the territory and then be picked up next year by the ship Antarctic. During the voyage the ship was squeezed in pack ice and was lost. The surviving members of the expedition were eventually rescued by the ship "Uruguay".



Here is an early QSL from South Korea and station HLKA, received by Ullmar Quick UQ in 1954 and scanned by John Ekwall JOE. The station was heard on 7935 kHz at 2107-2315 UTC on March 21 despite the moderate power of 1 kW. The station was established by the Japanese government as Kyeongseong Broadcasting Corporation (JODK) in 1927 and changed to HLKA after South Korea got the HL callsign block from the International Telecommunication Union in 1947.



Below a verification letter to UQ from Istanbul University, scanned by JOE and received by Ullmar in 1952. As you can see the 500 W transmitter was built by the students at the Technical Faculty and the letter also includes some technical details. The station was heard on 7850 kHz.

T. C.  
İSTANBUL ÜNİVERSİTESİ  
FEN FAKÜLTESİ  
TECRÜBİ FİZİK ENSTİTÜSÜ

4<sup>th</sup> /Jan. 1952

Öz: :

No. \_\_\_\_\_

Dear Mr. Kwick,

We would like to thank you for the report of reception you have kindly forwarded to us. Your amiable listening to our programme made us very glad indeed. Our transmitter is built by the students of physics of our University of Istanbul. It is a result of our laboratory work. The great interest shown by the listeners has induced us to build a stronger station which will enable us to broadcast regular programmes.

Our present transmitter is designed with two 813 tubes in push-pull which are excited by a quartz controlled stage. The antenna input power is about 500 watts. The modulation is made by two 810's in push-pull again and maintained lower than 70 percent. The present wave length is 38,2 m.

We can send you our design and any other details on this transmitter if you ask for them.

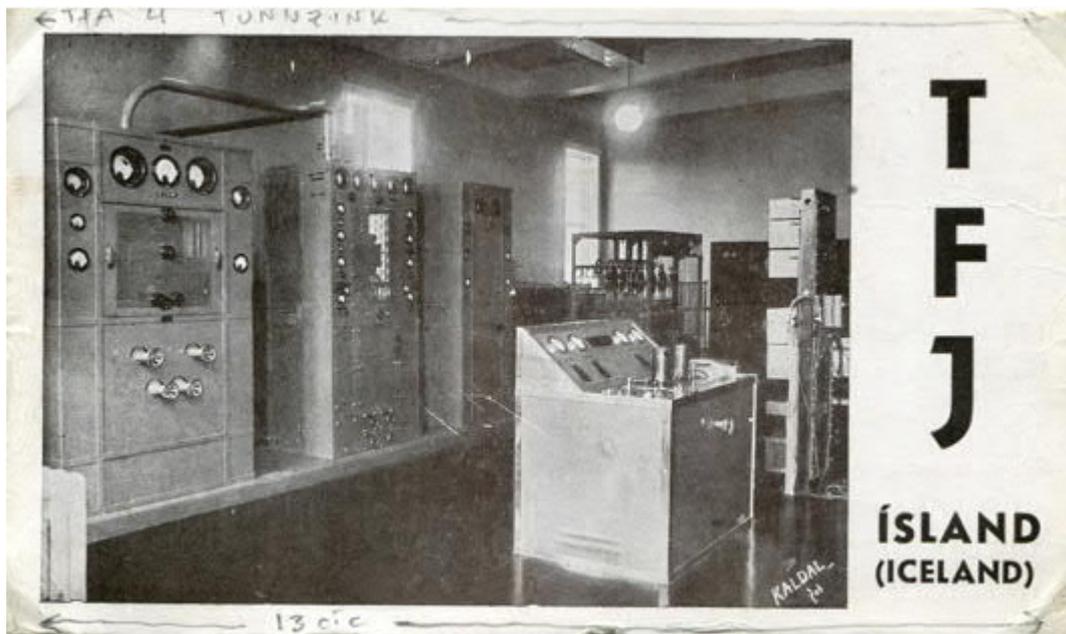
Wishing you a Merry Christmas and a happy New Year we remain dear Sir,

Yours Sincerely  
For the students of physics

Sadrettin Sinman



This QSL card comes from the collection of Lars Rydén LR and shows the transmitter room at station TFJ in Reykjavik. This was basically a utility station but it did relay the state radio on SW 12175 kHz at times. LR heard it in 1955. When the volcanic eruption in Heimaeyjargosið occurred in 1973 the news first broke in Sweden through a tip from coastal station Härnösand Radio where the radio operator had picked up emergency calls over Reykjavik Radio and told the press agency Tidningarnas Telegrambyrå (TT) about what was happening. The station staff got well paid for their efforts.



A QSL card from my own collection. The Voice of Broad Masses of Eritrea (Dimtsi Hafash Eritrea) started as a clandestine operation in 1979 and when Eritrea proclaimed its independence from Ethiopia in 1991 we got a new radio country. The station was often heard with a good signal in the 41 metre band playing beautiful Horn Of Africa music. A more sad part concerning Eritrea is that Swedish-Eritrean journalist David Isaak has been imprisoned since 2001 without a trial. His "crime" would seem to be having written some articles in the independent newspaper *Setit* about the Group 15 – some government officials demanding democratic reforms. The group members were also arrested.

**QSL VERIFICATION**

**RADIO STATION** Voice of Broad Masses of Eritrea  
**TRANSMITTING FROM:** ASMARA - ERITREA

Dear MR. RONNY FORSLUND

We confirm with pleasure your reception report which conforms to the programs we broadcast. **THANK YOU.**

**FREQUENCY:** 7100 KHZ

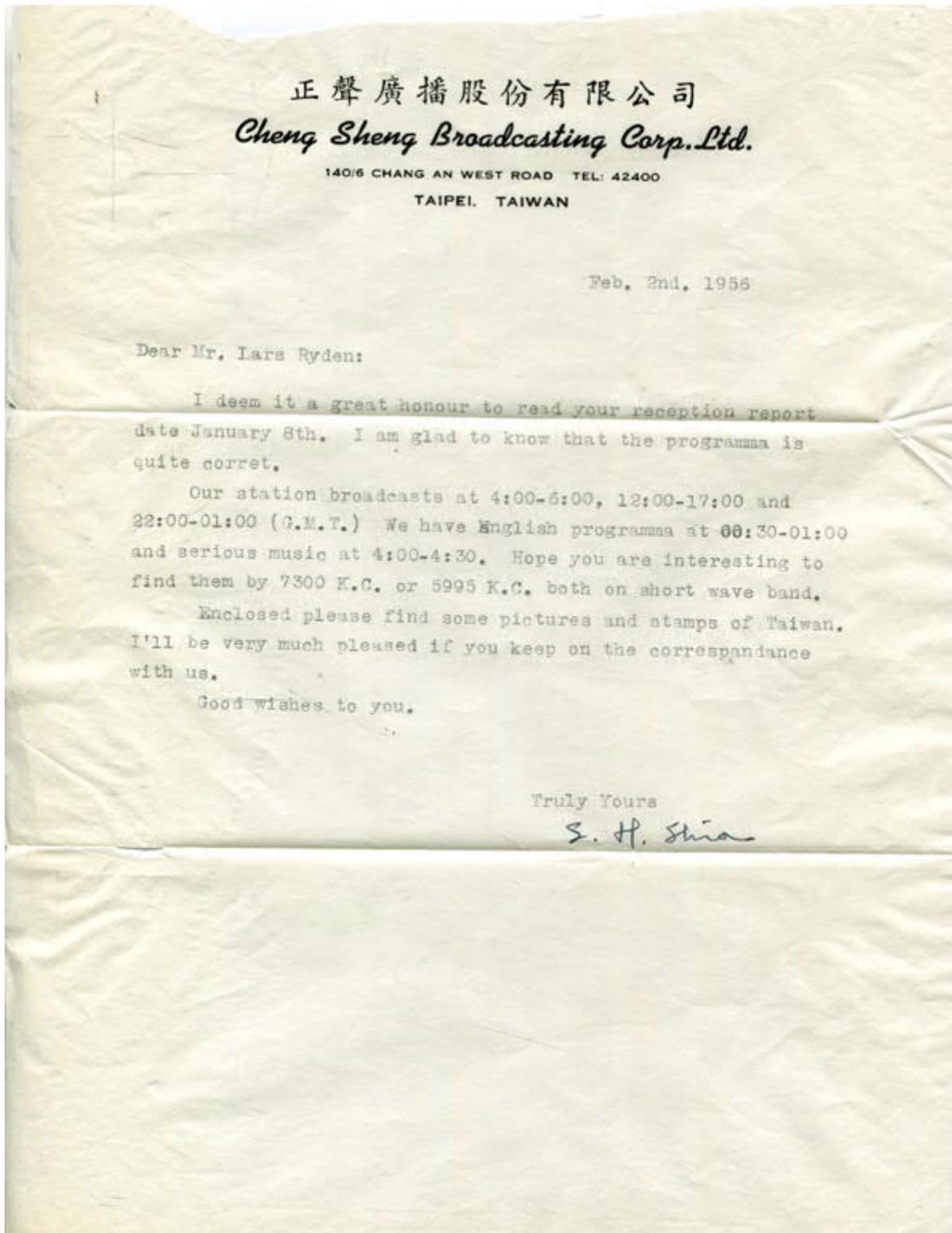
**Date** 31 MAY 1999 **Time** 18:05-18:30

**LANGUAGE** TIGRIGNA

[Signature]  
Signature

Official Seal

Our last QSL for this time is a letter from the Voice of Righteousness in Taiwan which Lars Rydén LR received in 1956. Despite the name the station was actually a government operation and not a religious broadcaster. It could be heard quite well for decades in the 41 metre band.



As usual your contributions are welcome so if you want to share some of your own old QSLs with us please mail me at info @ rock.x.se.