

SHORTWAVE BULLETIN

Issue no. 1940, Dec 29, 2019.

Deadline e-mail next issue: 0800 UTC, Jan 12, 2020.

Just now compiling the last SWB for this year. Within just a few days we are facing a new decade with everything it entails.

Let's hope that the world leaders calm down and finally will face the climate problems we see around us.

On the DX front it wasn't possible to receive the Christmas songs from the McMurdo base, at least not here in the Nordic countries. Lars Simm has the explanation.

It is also very pleasing to see that AIR Leh now is back on 4760 after a few years absence.

You must also try to receive Vanuatu and Solomon Islands. More or less the only DX stations left.

Finally – wishing all of you:

A Happy New Year

Keep on

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SWB-info

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

SWB member information: <http://www.hard-core-dx.com/swb/member.htm>

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.

Manuel Méndez: 7440, Atlantic 2000 International, Rohrbach, **received e-QSL** in seven days about its December transmission, Dec 14th 2019. Reception report sent via email to: atlantic2000international@gmail.com



Correction from Carlos Gonçalves. It was not until today, 15th Dec., that I spotted my typing mistake re. Mali 5915 on 4th Dec. The correct fq is of course 5995...

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AIR Leh is now reactivated on 4760 kHz after absence since 2017



Leh is the capital and largest town of Ladakh, a union territory in northern India. Leh, located in the Leh district, was also the historical capital of the Himalayan kingdom of Ladakh, the seat of which was in the Leh Palace, the former mansion of the royal family of Ladakh, built in the same style and about the same time as the Potala Palace in Tibet.

Leh is at an altitude of 3,524 metres (11,562 ft), and is connected via National Highway 1 to Srinagar in the

southwest and to Manali in the south via the Leh-Manali Highway.

2850	Dec17	2225	KCBS, Pyongyang Korean conversation, music (AP-DNK)
3310	Dec25	0015	Radio Mosoj Chaski, Cotapachi, only carrier detected today. (Méndez)
3320	Dec17	2230	PBS, Pyongyang Korean songs (AP-DNK)
3325	Dec19	1102	Voice of Indonesia, via Palangkaraya. Another day with audio; in Chinese; NBC Bougainville was off the air today, so no QRM (Ron Howard, Asilomar State Beach, CA, USA)
3325	Dec24	0955	NBC Bougainville, off the air when checking after 0955+; after 1106, heard VOI in Chinese, so yet another day with audio (Ron Howard, Asilomar State Beach, CA, USA)
3915	Dec16	2200	BBC Singapore, Kranji, EE, reports, weak (Bernardini)
3915	Dec13	2301	BBC, Kranji relay. WS in E to SEAs, nx, px on technology. 35332 (CG)
3915	Dec17	2200	Voice of the People, via Goyang, South Korea (ex 3910) Korean talk, jamming - also spoiling weaker BBC, Kranji, which did not use new 3960 (AP-DNK) + (CG)
3915	Dec28	2256	BBC, SNG, E, tk ID BBC WS TS Q+-. (TB)
3925	Dec24	1907	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 24341 (CG)
3945	Dec15	1150	Echo of Unification, noted test tone and carrier 1150-1159; IS, time pips and Anthem; in Korean and playing music; 1401* after Anthem; ham QRM (Ron Howard, Asilomar State Beach, CA, USA)
3945	Dec22	1835	Langsame Kaufhausmusik begleitet den Morgen in Vanuatu auf 3945 kHz gegen 1835 UT. Signal max. S3/4, bestes Signal an meiner neuen 0 Grad Beverage Antenne. (Christoph Ratzler via A-DX)
3945	Dec17	2235	Nikkei 2, Nagara. (New time). Japanese ann, operatic songs, 2300 talk, 2305 musical programme heard // KiwiSDR in Tokyo (AP-DNK)
3945	Dec15	2231	R.Echo Of Unification (cland.), Chongjin. Kor to KOR, tks. 25341 (CG)
3945	Dec28	2305	Echo of Unification, Pyongyang, Kor, tent YL tk, 2*mentioned NHK in tk, socialistic march mx. (TB)
3950	Dec26	0140	Xinjiang PBS, Urumqi Chinese interview // 5060 and 5960 (AP-DNK)
3950	Dec24	2309	Xinjiang PBS Urumqi. Mand, tks. 35342 (CG)
3975	Dec16	2150	Shortwave Radio, Winsen, Germany, songs, ids EE, fair (Bernardini)
3985	Dec24	1150	Echo of Hope – VOH. 3985 // 4880 // 5995 // 6245 // 6350 // 9095. English language lesson, but mostly in Korean. (Ron Howard, Asilomar State Beach, CA, USA)
3985	Dec22	1555	China Business R, Golmud Chinese talk QRM R Echo of Hope 3985 // 6090 (AP-DNK)
3990	Dec26	0145	Xinjiang PBS, Urumqi Uighur conversation // 4980 (CWQRM), 6120) and 7205 (CWQRM) (AP-DNK)
3990	Dec24	2310	Xinjiang PBS Urumqi. Uighur, songs. 35342 (CG)
3990	Dec28	2326	PBS Xinjiang, URU, Uig, tk oft Program...Radiostansu, ID Sin-Tiang R.Televiziasu. (TB)
3990	Dec28	2326	PBS Gannan, Hezuo, language ?, tent tk. (TB)
3995	Dec20	1802	HCJB Germany, Weenermoor, German, religious songs and comments. (Méndez)
3995	Dec26	0150	LifeFM, Ireland, via HCJB, Weenermoor. English hymns (AP-DNK)
4010.12	Dec26	0155	Birinchi R, Krasnaya Rechka Kyrgyz interview (AP-DNK)
4055	Dec25	0550	Radio Verdad, Chiquimula, religious songs. Extended program today, Christmas Day, religious and Christmas songs, Spanish religious comments, id "Estación Evangélica Radio Verdad". Very weak. (Méndez)
4500	Dec26	0200	Xinjiang PBS, Urumqi Time signal, Mongolian ann, local songs // 6190 (AP-DNK)
4750	Dec19	1113	Bangladesh Betar - Home Service . QRM from CODAR and CNR1; recently have occasionally heard the home service here, before they start the external service at 1230; playing subcontinent music (Ron Howard, Asilomar State Beach, CA, USA)
4750	Dec25	1755	Bangladesh Betar, Shavar English talk, local song (AP-DNK)
4750	Dec22	1713	Bangladesh Betar, Shavar. Bengali, tks, anns., 35342 (CG)
4760	Dec16	0337	African language vs CODAR on both sides, from TWR scheduled 0330-0415. EiBi and Aoki/NDXC do not agree on the Zimbabwean language breakdown. EiBi: 0330-0345 Nda, 0345-0415 Shona; Aoki: 0330-0400 Shona, 0400-0415 Nda. Nda has twice as many speakers in Moçambique than in Zimbabwe (Glenn Hauser, OK)
4760	Dec21	-1650*	AIR, Leh, Kashmir. <u>Reactivated - not heard since March 2017</u> . Ladakh ann, flute music. Also heard 22.12 at 0240-0250, local music (AP-DNK)
4760.007	Dec18	0210	AIR Leh, Ladakh. All India Radio aus Leh in Ladakh, dem jüngsten Unionsterritorium Indiens war heute gegen 0210 UT zum Sendestart schwach im Tropenband auf 4760 kHz aus dem Himalaya hier in Salzburg zu hören. (Christoph Ratzler via A-DX)
4765	Dec17	-0500*	Radio Progreso, La Habana, program "Perspectivas", "Reportero RP", news. (Méndez)
4775	Dec24	2320	Radio Tarma, Tarma, soccer comments, male, female, advertisements. (Méndez)
4775.07	Dec17	2310	R Tarma, Tarma (p) Spanish talk (AP-DNK)

4800	Dec16	1659	AIR, Hyderabad, Hindi songs. QRM from China on the same frequency. (Méndez)
4800	Dec25	-1805*	Voice of China, Golmud Chinese talk, songs, 1800 time signal, advs, talk, abrupt s/off in mid sentence, CWQRM // 7230 (AP-DNK)
4810	Dec26	0205	AIR, Bhopal Hindi talk (AP-DNK)
4810	Dec22	1715	AIR Bhopal, Madhya Pradesh. Indian mx. 25331 (CG)
4820	Dec26	0210	Xizang PBS, Baiding, Tibet Chinese anns. // 5935, 6050, 7240 and 7450 (AP-DNK)
4840	Dec26	0215	WWCR, Nashville, TN English religious talk splashes from CHN 4850 (AP-DNK)
4850	Dec26	0220	Xinjiang PBS, Urumqi Kazakh talk with piano music behind // 6015 (AP-DNK)
4875	Dec24	2315	Radiodifusora Roraima, Boavista, Brazilian songs, comments (Méndez)
4885	Dec17	2315	R Echo of Hope, via Taereung, South Korea. Korean talk, QRM weak Brazil (AP-DNK)
4885	Dec18	2207	R.Echo of Hope (cland.), Nowon-gu. Kor to KRE, tks. QRM de B. 24341 (CG)
4885.05	Dec26	0225	R Clube do Pará, Belém, PA Portuguese ann, wellknown Christmas song (= "Glade Jul" in Danish) (AP-DNK)
4890	Dec13	1710	Echo of Hope, Seoul. Korean, comments. (Méndez)
4895	Dec24	1002	Mongolian Radio (presumed), 1002 & 1104. Prominent carrier with no modulation; mixing with CODAR; some Voice of Strait (China) QRM from 4900 (Ron Howard, Asilomar State Beach, CA,
4905	Dec26	0230	Xizang PBS, Baiding, Tibet Tibetan ann, local songs // 4920 and 6025 (AP-DNK)
4910	Dec24	1731	AIR, Jaipur, English, news. (Méndez)
4920	Dec20	1705	AIR, Chennai, Hindi songs. QRM from China on the same frequency. (Méndez)
4950	Dec26	-0217*	AIR Srinagar. Noted three segments of reciting from the Qur'an; best in USB, to get away from Angola on the low side. My one minute audio at http://bit.ly/2PXEJs7 (Ron Howard, Asilomar State Beach, CA, USA)
4950	Dec24	1730	AIR, Kashmir, English, news. (Méndez)
4955	Dec23	2308	R.Cultural Amauta, Huanta. Tks, mx. 15341 (CG)
4985	Dec16	2112	Radio Brasil Central, Goiania, Brazilian songs. (Méndez)
5005			Radio Nacional, Bata, out air for the last three days. (Méndez)
5009.9	Dec24	1815	Radio Nasionaly Malagasy, religious program, Holy Mass, at 1830 Vernacular comments. (Méndez)
5009.9	Dec22	1719	R.TV Madagasikara. Mx. 25331 (CG)
5009.92	Dec25	0236	weak S7 off-frequency on the NRD545, no doubt RNM. 5010 WRMI is now off, but earlier at 0102 there was a het upon it measured on the R75 at 5009.961, so I am wondering if it's also the RNM carrier overnight in margin of error, or something else, such as INDIA, or what? (Glenn Hauser, OK)
5020	Dec21	1900	Solomon Island Broadcasting Corp., Honiara. Schwach, aber seit 19.01 UT auf 5020 zu hören, die SIBC aus Honiara. (Christoph Ratzer via A-DX)
5025	Dec26	0235	R Rebelde, Bauta Spanish talk with Cuban music behind + CWQRM (AP-DNK)
5025	Dec29	0016	R.Rebelde, BAU, S, LAm mx px ... 0100 ID Rebelde LAm mx px. (TB)
5040	Dec16	0720	JBA carrier, presumably VBTC which has just reactivated SW with its new transmitter as anticipated before yearend, and reported heard elsewhere. It's too late for Cuba on 5040, and too early for India. Same time more JBA carriers from fellow Pacificans, 5055 presumed 4KZ Queensland; and 5020 Solomon Islands. Reawake at 1046 for quick check, still only JBA carriers on all. Missing is 5045 for Unique Radio, but that would be USB, no carrier, currently suspended and/or on 3210-USB instead. (Glenn Hauser, OK)
5040	Dec24	-1100*	Radio Vanuatu, -1059:49*. The timer is set for the same time every day; no formal sign off format today (no NA) (Ron Howard, Asilomar State Beach, CA, USA)
5040	Dec25	0720	Radio Vanuatu, Port Vila, English, comments, songs. Very weak. Heard when Radio Habana Cuba closed on the same frequency. (Méndez)
5040	Dec19	1124	AIR Jeypore, with test tone 1124-1127; at 1128, AIR IS; normal format today (Ron Howard, Asilomar State Beach, CA, USA)
5040	Dec24	*1128-	AIR Jeypore. AIR IS (Ron Howard, Asilomar State Beach, CA, USA)
5040	Dec26	0240	R Habana Cuba, Bauta Spanish report with schreeming children behind (AP-DNK)
5040	Dec29	0003	R.Habana Cuba, BAU, E, NX ID. (TB)
5050	Dec28	2338	VO Beibu Bay Radio, Ch, tent akustick splash tk+jingles... 0000 id? TS TA? id? (TB)
5055	Dec24	-1239*	Radio 4KZ. Mostly pop songs; very poor reception (Ron Howard, Asilomar State Beach, CA, USA)
5055	Dec17	0757	Radio 4KZ, Innisfail, extremely weak, only carrier detected. (Méndez)
5875	Dec24	1145	Radio Thailand. ID in English; indicating next segment to be in " Burmese ," which it was; ex: English . This conforms to my Dec 18 log of definitely hearing Burmese, 1145-1200 (Ron Howard, Asilomar State Beach, CA, USA)
5905	Dec18	2000	DWD Pinneberg Germany, start bc, German, meteo info, good (Bernardini)
5915	Dec25	0119	R. One/ZNBC1, random listening 0119+. In vernacular; mostly pop African songs; some English Xmas songs ("Mary's Boy Child," etc.); 0257-0300, African Fish Eagle IS (Ron Howard, Asilomar State Beach, CA, USA)

5915	Dec24	1758	Zambia NBC, Radio 1, Lusaka, English, advertisements, at 1800 id. "Zambia National Broadcasting Corporation..., the news, the headlines". (Méndez)
5920	Dec24	1158	Voice of Freedom, new 5920, from 1158+. Strong, unjammed signal, making for good reception; this was due to the heavy N. Korea jamming still being on ex 6045. Now is the time to catch VOF in the clear! (Ron Howard, Asilomar State Beach, CA, USA)
5939.6	Dec17	0525	Voz Missionaria, Camboriú, religious comments and songs. (Méndez)
5939.63	Dec22	2310	Voz Missionaria, Camboriu, Brazil, religious PP, weak fair //9664.88 (Bernardini)
5940.12	Dec18	-0259*	IBRA Radio (Radyo Sadaye Zindagi) via UAE, Al Dhabbaya, 0246-0259*. Clearly off frequency ; in assume Dari; very poor due to strong QRM from Rádio Voz Missionária on the low side of 5940 (Ron Howard, Asilomar State Beach, CA, USA)
5950	Dec24	1605	Voice of Tigray Revolution, Addis Ababa, East African songs. (Méndez)
5950	Dec16	1730	V of Tigray Revolution, Addis Abeba, Ethiopia, talks Tigr. fair (Bernardini)
5965	Dec16	2135	AWR, Station KSDA, Agat, Korean talks, fair (Bernardini)
5980	Dec20	2350	stronger carrier than usual from R. Chaski under wall-of-noise Cuban jamming against nothing else. From 2353 I am watching my watch to time the exact second of autotutoff now expected before 2355 --- but it keeps on going!! I've had enough by 0007 Dec 21, but re-check at 0020 and stillstill on; there had been numerous deep choppy fades, false-stops. Could it be something else? Possibly, but not two carriers, so I suspect Chaski is just staying on later for the holidays, rather than having reset the timer closer to nominal 2400*. Note: ``closer`` may be pronounced either way (Glenn Hauser, OK)
5985	Dec24	0055	Myanmar Radio, Yangoon, nice songs, talks, in Myanmar, fair (Bernardini)
5995	Dec16	2140	Radio Mali, Kati, nice songs, Vn, fair good (Bernardini)
6010	Dec18	2000	Radio Vaticana, Santa Maria di Galeria, Vaticano, start bc in EE, weak (Bernardini)
6024.95	Dec26	0101	checking 0101+. No off frequency carrier noted until about 0255+, but never any audio detected (Ron Howard, Asilomar State Beach, CA, USA)
6024.95	Dec25	0245	intriguing JBA carrier, and still there at 0516 but remeasured to 6024.96. Brings to mind the inactive? seldom reported Red Patria Nueva, Bolivia, since Bryan Clark, NZ had it on ``6025`` in August 2018. But in May 2015 both Thomas Nilsson and Christoph Ratzer agreed upon 6024.97. Nothing on current listings would likely be so off-frequency --- Tibet or Russia, which is in DRM anyway as I have previously heard. Could it be back on the air for Xmas eve, at least? In fact, it's in WRTH 2020 at 0930-0300 as if not inactive. But at 0110 Nov 10 this year, Claudio Galaz, Chile remarked with a log of Tibet that there was no interference from RPN (Glenn Hauser, OK)

Hi Glenn, Heard the same as you, during same time period. Bolivia does seem most likely. Extremely unlikely to be Radio Amanecer (Dominica Republic), which when I last heard them years ago was on 6025.0.			
If it was Bolivia, was the only one on 49m, as both Radio Pio XII (5952.4) and Radio Santa Cruz (6134.82) were silent on Dec 25. Only Brazil was on 6135.1. (Ron Howard, California, USA)			
6025.0	Dec26	0101	Xizang PBS via Lhasa. Looking for UNID on 6024.95, which was unheard; instead found clearly // 4905 // 4920 // 6200 (Ron Howard, Asilomar State Beach, CA, USA)
6030	Dec18	1831	Radio Oromiya, Ethiopia, Oromo, talks, weak (Bernardini)
6035	Dec26	0126	BBS. Yesterday (Dec 25) they were already on the air at 0057, but today they were late; started sometime between 0118-0126; indigenous music/chanting/singing. Nice grayline reception! My local sunset was at 0057 UT and Thimphu local sunrise was at 0049 UT. My one minute audio at http://bit.ly/2ETAuax (Ron Howard, Asilomar State Beach, CA, USA)
6035	Dec26	0245	Bhutan Broadcasting Service. Sharchhop talk, QRM Muslim chanting 6040 (AP-DNK)
6050	Dec17	0640	ELWA Radio, Monrovia, English, religious comments and songs. (Méndez)
6050	Dec25	*0923-	HCJB, Pichincha, open with songs and anthem, at 0930 Quechua. Very weak. (Méndez)
6050	Dec18	2100	PBS Xizang, Tibet, China, id, Chinese, songs, fair (Bernardini)
6070	Dec14	*0900-	Atlantic 2000 International, Rohrbach, tuning music, id. "Atlantic 2000 International", pop songs and comments in French. // 7440. (Méndez)
6070	Dec14	1037	Radio City, Rohrbach, pop songs, English, comments, id. "Radio City". (Méndez)
6070	Dec14	2104	Radio For Peace International, Rohrbach, French, news, comments. (Méndez)
6070	Dec16	1127	Brother Stair, Rohrbach, Germany, EE usual talks, fair (Bernardini)
6070	Dec25	0955	Radio SE-TA2, via Channel 292, Rohrbach German ann, Christmas songs (AP-DNK)
6080	Dec24	*1900-	Norddeutscher Rundfunk, Greetings on Board Nauen, 6080, *1900-1910, Dec24, German, Christmas songs. Nauen, 9740, *1900-1910, Dec24, German, // 6080. (Méndez)
6085	Dec20	1545	Radio Mi Amigo, Kall Kregel, 1545- 1605, Dec20, pop songs, English. (Méndez)
6090	Dec20	1618	Voice of Amhara State, Addis Ababa, East African songs. (Méndez)
6090	Dec22	1645	Voice Of Amhara State, Geja Jawe. Vn, tks, mx. Co-ch. QRM. 34432 (CG)
6090	Dec18	2000	KBS World Radio, Dhabbaya, UAE, start bc in Arabic, news, very good (Bernardini)

6110	Dec20	1701	Radio Fana, Addis Ababa, Vernacular comments. (Méndez)
6110	Dec22	1643	R.Fana, Geja Jawe. Vn, local songs. 45433 (CG)
6110	Dec18	2000	AWR, Moosbrunn, Austria, start bc, id in EE than unid language, very good (Bernardini)
6115	Dec20	-1648*	Radio New Zealand International, Rangitaiki, English, news, pop songs. (Méndez)
6115	Dec25	0545	Radio Congo, Brazaville, French, commnets, news, African songs. (Méndez)
6115	Dec22	2331	WWCR Nashville, USA, religious, EE, fair (Bernardini)
6130	Dec18	1828	TWR Manzini, Swaziland, African lang. talks, fair (Bernardini)
6135.1	Dec17	0527	Radio Aparecida, Aparecida, religious, id. "Rede Aparecida de Radio", "Santuario Nacional da Nossa Senhora Aparecida". (Méndez)
6135.13	Dec26	0250	R Aparecida, Aparecida, SP Portuguese talk (AP-DNK)
6140	Dec18	1830	AIR, Bengaluru, India, Urdu sce. id, good (Bernardini)
6150	Dec20	1556	Radio Marabu, Dathlen, pop songs, German, comments. (Méndez)
6150	Dec26	2105	R Marabu, via R Europa 24, Datteln. German songs, advanced music (AP-DNK)
6150	Dec22	2334	VOA, Udun Thani, Thailand, Talks in Burmese, fair (Bernardini)
6185	Dec25	-0601*	Radio Educación, Ciudad de México, classic music, at 0558 comments. (Méndez)
6195	Dec18	2000	VOA, Mopeng Hills, Botswana, news, EE, good (Bernardini)
6210.2	Dec24	-1804*	Radio Kahuzi, Bukavu, extremely weak today, only audible on LSB. (Méndez)
6210.2	Dec14	1705	R.Kahuzi, Bukavu. Vn. tks. Echo insertion. 15341 (CG)
6215	Dec28	1123	New frequency 6215, Sound of Hope , 1123-1201. Almost daily I monitor SOH on 6230 and 6280, which are traditional SOH frequencies, so was surprised to find a new SOH signal // to 6230 (today 6280 was blocked by strong CNR1 jamming). New frequency stronger than 6230 // 6280 ever heard in the past. At *1157, start of a marine message in USB; sounded Aussie(?), with "All stations, all stations, all stations, . . Australia India Charlie . . . , Australia India Charlie . ." (definitely not Taupo Maritime Radio); mostly blocked by SOH's signal; message was fairly short. One possibility is perhaps "Maritime Safety Queensland" - https://www.msq.qld.gov.au/Safety/Marine-radios . At 1200, SOH usual ID by OM and YL with "Xiwang zhi sheng guoji guangbo diantai" (Sound of Hope international broadcast station). Audio on new frequency seemed more muffled than other SOH frequencies? Needs more monitoring. On one hand, is nice to have a new SOH frequency with decent signal strength, but on the other hand, is also unfortunate to be strongly blocking marine messages/alerts (Ron Howard, Asilomar State Beach, CA, USA)

<i>This is sad. 6215 is an international maritime distress frequency, that I know is used around the coasts of the U.S. and U.S. territories in the Caribbean and Western Pacific. I'm sure it is likewise monitored for distress signals in many ITU member countries. See also: https://www.navcen.uscg.gov/?pageName=cgcommsCall</i>			
<i>While sometimes 'out of band' transmissions are necessary and can be made on a non-interfering basis, broadcasters (and pirates) should have the courtesy and common sense not to squat on a distress frequency!!!</i>			
<i>Ray Robinson, Voice of Hope World Radio Network, Americas/Africa/Middle East</i>			
www.voiceofhope.com			

6245	Dec23	2304	R.Echo of Hope (cland.), Nowon-gu. Kor to KRE, tks (nx?). 45433 (CG)
6250	Dec16	2216	R.Echo Of Unification (cland.), Pyongyang site. Kor to KOR, songs, tks. QRM de R.Echo of Hope, KOR. // 3945. 23431 (CG)
6280	Dec14	1709	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. QRM de pir. stn. (CG)
6350	Dec25	1802	R.Echo of Hope (cland.), Hwaseong. Kor to KRE, tks. Jammed. 33341 (CG)
7140	Dec24	1655	Voice of Broad Masses, Asmara, East African songs, Vernacular comments. (Méndez)
7205	Dec20	1605	Sudan Radio, Al Aitahab, Arabic, comments. (Méndez)
7260	Dec23	-0630*	Radio Vanuatu, Porto Vila, active on this frequency, yesterday 22th and today 23th Dec, heard via SDR Kiwi remote receivers in the Pacific zone, very good signal in northern New Zealand, 0555-0630*, with program in Bislama, a languages with a lot of English words, mentioned multiple times "Vanuatu", "Radio Vanuatu" and closed at 0630, at this time open and continue the program on 5040 kHz, later on English. 7260 kHz eclipsed today in Europe by China on the same frequency. (Manuel Méndez)
7315	Dec22	2323	World Harvest Radio, Cypress Creek SC USA, religious EE, fair //7335 (Bernardini)
7335	Dec22	2325	World Harvest Radio, Cypress Creek SC USA, religious EE, good //7315 (Bernardini)
7345	Dec24	1410	Thazin Radio, still on at 1410. Suspect that the new sign off time is 1430* (ex 1330*), but didn't stay around to confirm; usual CNR1 QRM (Ron Howard, Asilomar State Beach, CA, USA)
7345	Dec16	2034	China Radio Int, Kashi, Italian program, reports, good (Bernardini)

7365	Dec16	1120	HCJB, Weenermoor, Germany, talks, fair (Bernardini)
7475	Dec16	2030	Radio Thailand, Udon Thani, English to Europe, fair good, fading (Bernardini)
7505v	Dec26	0232	WRNO, 0232 & 0251. In Chinese, which had not been heard for quite a while; 0251, English and Chinese with both station ID and program ID ("Grace For Today") (Ron Howard, Asilomar State Beach, CA, USA)
7995	Dec23	2300	No Carols across Antarctica, 7995-USB after 2300 UT Dec 23. Zero results trying numerous SDRs in NZ, Australia, elsewhere. VE6JY did have some 2-way on 7993-USB, Spanish? O, not on my own receiver either for the first few minutes. This was publicized as from McMurdo, but intended for intracontinental contacts only, difficult beyond at mid-day near summer solstice, and so it was (Glenn Hauser, OK)
9250	Dec16	1425	FEBC, Bocaue, Philippine, Chinese talks, fair-good (Bernardini)
9300	Dec16	1430	TWR, Gavar, Armenia, Hindi bc, talks, fair (Bernardini)
9330	Dec16	1850	WBCQ The Planet, Monticello, USA, German talks, mx, good (Bernardini)
9350	Dec14	2100	Encore, Classical music on Radio Tumbiril, via WWCW USA, EE, fair (Bernardini)
9395	Dec18	2046	WRMI Radio Miami Int. Okeechobee FL USA, EE talks, weak fair (Bernardini)
9420	Dec18	2200	Voice of Greece, Avlis, Greek songs, good (Bernardini)
9425	Dec16	1844	Voice of Korea, Kujang, PRK, usual songs, German sce. fair (Bernardini)
9445	Dec16	1840	All India Radio GOS, Bengaluru, EE service, fair good (Bernardini)
9450	Dec16	1435	AWR, Trincomalee, Sri Lanka, Chinese, talks, weak (Bernardini)
9505	Dec20	164	Voice of Africa, Al Aitahab, East African songs, French, comments, id. "La Voix de l'Afrique", at 1715 English, id. news, comments (Méndez)
9505	Dec14	1714	Voice Of Africa / Sudan R, Al-Fitahab. E, nx. Weak audio. 35443 (CG)
9515	Dec16	1900	VOA Sao Tome, French, reports, fair (Bernardini)
9515	Dec16	2015	AWR, Talata Volonondry, Madagascar, FF program, fair good (Bernardini)
9525	Dec16	1905	Denge Welat, via France, Kurdish talks, QRM Turkish songs jammer, fair (Bernardini)
9545	Dec24	-0459*	SIBC. EZL music program; audio above threshold level (Ron Howard, Asilomar State Beach, CA, USA)
9545	Dec17	-0459*	SIBC, Honiara, only carrier detected today. (Méndez)
9565	Dec18	2040	Radio Marti, Greenville, USA, politics economics, SS, fair (Bernardini)
9630.37	Dec16	2020	Radio Aparecida, songs, talks, PP weak (Bernardini)
9635	Dec16	1740	Radio Mali, Kati, Vn, Afro songs, fair good (Bernardini)
9635	Dec15	1711	R.Mali, Kati. F, f/ball match rpt. 35443 (CG)
9635	Dec16	1835	Radio Ndarason Int., Kanuri & FF news at 1845, via UK, good (Bernardini)
9640	Dec16	1115	AWR, Guam, Russian bc, fair (Bernardini)
9650	Dec16	1910	Radio Guinée, Conakry, FF, talks songs, fair (Bernardini)
9650	Dec15	1713	R.Guinée, Sonfonia. F, f/ball match rpt. 35443 (CG)
9664.88	Dec22	2312	Voz Missionaria, Camboriu, Brazil, religious, fair good //5939.63 (Bernardini)
9670	Dec16	1915	Radio Japan, Yamata, JJ conversation, fair (Bernardini)
9700	Dec16	*1059	Radio New Zealand, start bc News EE, weak fair (Bernardini)
9730	Dec16	2010	Voice of Vietnam, Hanoi, German px, talks fair (Bernardini)
9765	Dec25	-1058*	R.NZi, Rangitaiki. E, mx & songs, fq. change ann., IS. 45433 (CG)
9835	Dec24	-1405*	Sarawak FM, via Kajang. In vernacular with pop songs; 1400-1405, with the news; suddenly cut off after singing jingle (Ron Howard, Asilomar State Beach, CA, USA)
9835	Dec25	1011	Sarawak FM, Kajang, Malaysian, comment, songs. (Méndez)
9845	Dec16	1925	MWV New Life Station, Madagascar, Russian px, good (Bernardini)
9920	Dec12	2202	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. 25331 (CG)
11750	Dec16	1406	FEBC Manila, Philippines, Asian language, talks, fair (Bernardini)
11860	Dec16	1410	Rep. Yemen Radio Sana'a, via Saudi Arabia, AA talks, weak (Bernardini)
11865	Dec16	1105	Reach Beyond Australia, Kununurra, Asian lang, talks mx, fair (Bernardini)
11890	Dec18	1039	Radio Nyawa Sarawak, brief check at 1039. Noted audio nicely above threshold level, which is rare for me to hear; normally very poor reception (unusable) (Ron Howard, Asilomar State Beach, CA, USA)
11925	Dec16	1415	Radio Japan NHK, Dhabbaya, UAE, EE talks, songs fair (Bernardini)
11930	Dec16	1420	Radio Marti, Greenville USA, talks SS, fair (Bernardini)
12095	Dec16	1110	FEBC, Manila, Philippines, Asian lang. talks, fair (Bernardini)
13740	Dec16	1345	Radio Habana Cuba, SS talks, weak (Bernardini)
13845	Dec16	1350	WWCR Nashville USA, talks EE, good (Bernardini)
15580	Dec16	1403	VOA, Moepeng Hill, Botswana, EE, news songs, good (Bernardini)
15770	Dec16	1355	WRMI, Okeechobee FL USA, religious EE, good (Bernardini)
15825	Dec16	1400	WWCR, Nashville USA, talks EE, fair (Bernardini)

Pirate Stations

3920	Dec24	1833	Piraaten Team Overijssel - pir. Du, mx & songs, tks, pops. ID via DX press. 25341 (CG)
3953	Dec28	2311	R.Borderhunter, ., E, mx ID Borderhunter R. mx ID, tk ab QRM CHN RDST, mx. (TB)
5135	Dec16	2214	Charleston R Int'l - pir. Oldies. 25341 (CG)
5780	Dec15	2238	Harmony R - pir. Songs. 35443 (CG)
6205	Dec16	2145	Laser Hot Hits, pirate, EE, nice oldies (Bernardini)
6230	Dec14	1656	Coast FM (Canary Is. stn) via UNID, Irish? - pir. E, pops, anns., nx 1700-1702, more pops. QRM de AUS weather warnings stn. 24431 (CG)
6279.9	Dec25	2240	Cupid R - pir. Pops, sung ID. 35433 (CG)
6284.9	Dec14	1853	R. 319 (t) - pir. Pops. T-ID via DX press. 25331 (CG)
6295	Dec22	1641	Reflections Europe - pir. E, rlg. propag. pxs. Adj. uty. QRM. Inaudible on // 12255. (CG)
6305.1	Dec25	2238	R.Merlin - pir. Mx. ID via DX press. 25331 (CG)
6949.9U	Dec22	2159	checking for publicized Texas Shortwave pirate broadcast from 2200 around 6950, there it is already on at S9 with `Feliz Navidad` song soon morphing into inglés; then a solo in English with guitar; 2203 OM ID as ``Xmas radio special on Texas Radio Shortwave, in the state of Texas``; offering QSL for reports to texasradiosw@gmail.com --- 2207 some fading, 2212 similar ID by YL voice and fade some more, at first wondering if off (Glenn Hauser, OK)

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 via DXLD Christoph Ratzer via A-DX	(CG)/(CGS), Carlos Gonçalves, Lissabon, Portugal) Manuel Méndez, Lugo, Spain (AP-DNK), Anker Petersen, Skovlunde, Denmark Giampiero Bernardini, Milano, Italy TB, Tomas Burian, Morava, Moravia
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Station news

BOLIVIA, 6134.8, Radio Santa Cruz is out of air, probably for various weeks. Here is a mail from the Director of the stations received right now:

"Por el momento estamos sin emisión de radio en Onda Corta. Veremos algún dictamen de normativa en Bolivia, pronto volveremos a hacerlo."

The mail says they are out of air at the moment, but they hope to return to short wave soon.
(Manuel Méndez, Lugo, Spain)

GERMANYRADIO SE-TA 2 – A new German voice on the shortwaves!

RADIO SE-TA 2 is broadcasting primarily in the German language to German citizens in Europe and the world, who live outside of Germany.

Our programs include information and music from Germany and the world to maintain the connection to their home.

We will be on the air on Christmas Day, December 25th, 2019 on 6070 kHz from 09.00-11.00 UTC (10.00-12.00 CET) via Radio Channel 292, Rohrbach-Waal.

Have a good reception!

Your letters with comments, criticisms and reception reports are welcome to: SE-TA@web.de

We'll get back to you in 2020 with our response and ask for your valued patience.

Attention: SE-TA@gmx.net - is used as a mailing service only, not to use for correspondence with the station!"

Yours sincerely, Christoph, RADIO SE-TA 2

(Manuel Méndez, Lugo, Spain)

VANUATU. VBTC on FB Dec 15 about this in Bislama/Pidgin:

``VBTC blong yumi evriwan <https://www.facebook.com/vbtc.vu/> VBTC 21 hrs .

Good morning VBTC Technical team wetem ol technician blong Kordia mo Hanjin oli stap testem ol frequencies blong Short Wave Transmitters long ol following frequencies mo ol time ia 0600-0900 3945 Khz, 0900-1200 5040 Khz, 1200-1800 7260 Khz, 1800-2200 5040 Khz [local = UT + 11]

Sapose anyone i kasem ol frequencies ia plis contactem Radio Vanuatu long 23026 or 22999``

So not 2485, and 5040 instead of 5055 as originally registered; relax, 4KZ. 5040: 07-11 UT & 22-01 UT. 2485 and 5055 are still shown in HFCC as of Dec 16, but not updated since Dec 10, mixed in with NZ FMO info:

<http://hfcc.org/data/schedbyfmo.php?seas=B19&fmor=RNZ>

Ron Howard reports to the WOR iog: ``5040, Radio Vanuatu, random listening on Dec 16. Their signature song "You Are the Only One," sung by the "Black Brothers," heard at 1105, 1123 and while mixing with AIR Jeypore at 1223; reception blocked at 1128, with the start of AIR IS, via Jeypore, which was stronger than Vanuatu; still mixing together at 1248, so seems to still be testing``

(Glenn Hauser, OK, DX LISTENING DIGEST)

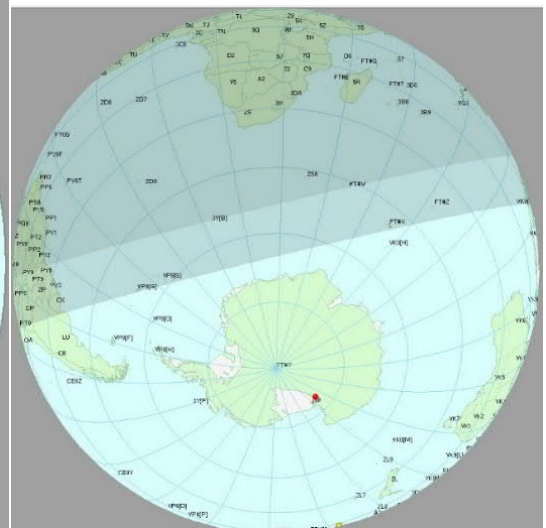
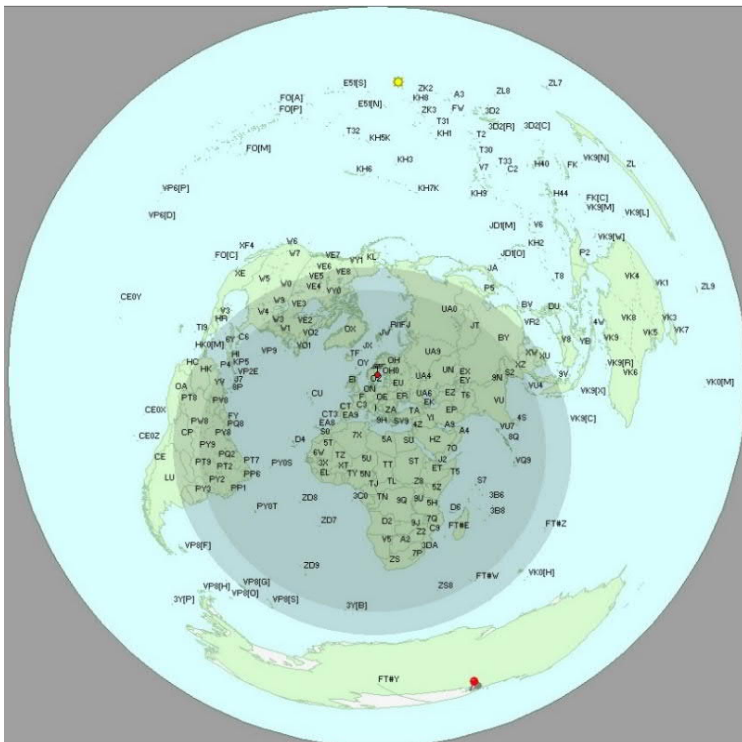
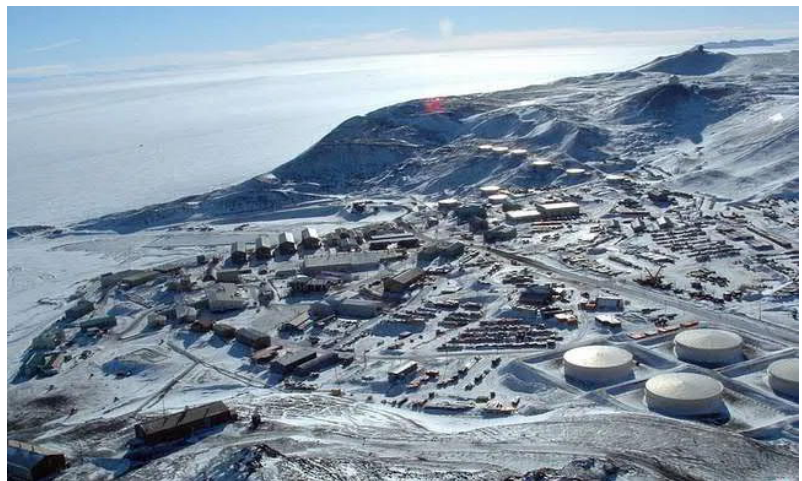
Other radio news

7995 McMurdo

Jag lyssnade också om McMurdo hördes på 7995 kHz men med samma resultat, ingenting hördes här.

Jag tittade i mitt greyline program som heter DX Atlas och gjorde ett par skärmkopior som jag bifogar där bilden visar förut-sättningen vid sändningen 23z, jag satte en "röd pin" där McMurdo ligger.

Man kan se att det är en utmaning att höra McMurdo nu på lägre frekvenser eftersom de har ganska mycket dagsljus till greylinen och de ligger just nu i ständigt dagsljus. Dessutom ligger McMurdo på andra sidan Antarktis från oss sett så signalen måste antagligen ta sig igenom eller förbi sydskenzonen, då kan det också vrida till signalriktningen till helt oväntad riktning.



/Lars Simm

[WOR] Solar Cycle 25 is really coming

<https://spaceweatherarchive.com/2019/12/25/reversed-polarity-sunspots-appear-on-the-sun/>

(Mike Terry via WOR)

[WOR] "The End of a Radio Legend"

LARRY THOMPSON SHARED A LINK FROM THE EXTREME SHORTWAVE LISTENING GROUP.
December 26 2019

THE END OF A RADIO LEGEND

I was saddened to recently learn that the wonderful nonprofit charity dedicated to shortwave radio everywhere, EarsToOurWorld.org, will be going the way of the Silent Key. I first learned about this through my association with Universal Radio, in Columbus, Ohio, a major contributor.

Later, I became familiar with their director, Tom Witherspoon, through the SWLing Blog. Sad to learn of their demise. Empowering classrooms and communities in the developing world with world band radios.

<http://www.earstoourworld.org/menu>

(Mike Terry via WOR)

[WOR] Dallas Lankford Antenna Files

RADIO EQUIPMENT FORUM

This is the future home of the entire Lankford file Library: <https://www.dxer.ca/index.php/library/category/19-lf-free>

Here until directed otherwise --

Would be nice to know what became of Dallas. Go get 'em, folks.

(Colin Newell - Editor and creator Coffeecrew.com and DXer.ca - Ham Radio VA7WWV | Twitter @CoffeeCrew | Victoria - B.C. Canada Dec 22, mw-dx iogroup via DXLD)

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

This time, under "Specialized Resources/Wavescan," we have posted three new files, Wavescan Nos. N560, N562 and N564, which offer an interesting three-part interview of Paul Hunter, who was chief engineer for High Adventure Ministries during the 1980s and 1990s. The main topic of these three audio files is the shortwave broadcasting station on Palau, which closed at the end of October. Other related SWBC transmitters are discussed as well in this interesting interview, which is conducted by Ray Robinson of KVOH. To supplement the interview, we have also posted a short writeup about Japan's use of Palau for shortwave broadcasting during World War II. Look for "Palau on the Air" under "DX History/Stations."

[A-DX] Reuter Loopantenne RLA4 - fernsteuerbar

Das ist ein Weihnachtsgeschenk:
Die Reuter Loopantenne RLA4 wird es in einer fernsteuerbaren Version geben.

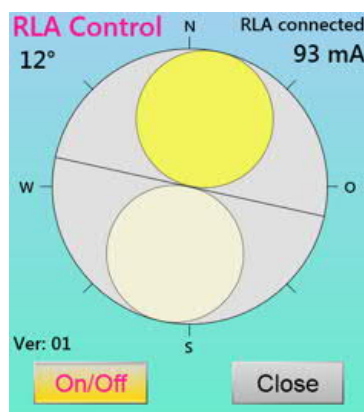
"RLA4 goes IoT. Das Steuergerät für die Cross-Loop-Antenne RLA4 wurde um einen Netzwerprozessor und ein WLAN (WiFi) Modul erweitert. Dadurch kann die Antenne drahtlos von jedem Access-Point (z. B. WLAN-Router) aus angesteuert werden. Bei Verbindung des Routers ins Internet auch von jedem Ort der Welt aus. Fernsteuerbare Empfänger ("Internet-Receiver") können nun mit einer ebenfalls fernsteuerbaren, hochsensitiven und richtungsdrehbaren Loop-Antenne ausgestattet werden.

Die Software zur Steuerung der Antenne ist in unsere neueren, WLAN-fähigen Receiver (aktuell sPocket, Pocket und RDR55 folgen) voll integriert. Für alle anderen Anwendungen steht eine App für Windows und andere OS (Android, iOS, macOS in Entwicklung) zur Verfügung."

<http://www.reuter-elektronik.de/html/neuigkeiten.html>

Jetzt noch die Antenne als Außenantenne auf einem Mast nutzbar und fertig ist ein weltweit einmaliges Produkt.

(73 Christoph Ratzer via A-DX)



[WOR] Over-the-Horizon Radars Causing Widespread Interference on 40 Meters

Over-the-horizon (OTH) radars continue to plague various amateur radio bands. Those operating on exclusive ham radio allocations have been complaining for years, but military systems have a blanket waiver to use amateur radio frequencies. The latest edition of the International Amateur Radio Union Monitoring System (**IARUMS**) newsletter reports that a radar in northern Iran — likely military — has been operating 40 meters (6978 – 7022 kHz). Several Russian and Chinese

OTH radars have become mainstays in the ham bands. While these sort of signals are operating on exclusive amateur radio allocations, the International Telecommunication Union (ITU) **Convention** essentially gives military stations free reign in the spectrum. Article 48 says, "Member States retain their entire freedom with regard to military radio installations." Member states are countries that have agreed to follow the Convention, and that is not a given.

The Convention goes on to say, however, "Nevertheless, these installations must, so far as possible, observe statutory provisions relative to giving assistance in case of distress *and to the measures to be taken to prevent harmful interference* [emphasis added], and the provisions of the Administrative Regulations concerning the types of emission and the frequencies to be used, according to the nature of the service performed by such installations."

According to IARUMS, the Iranian OTH radar was centered on 7000 kHz using amplitude modulation on pulse (AMOP) at 81 sweeps per second. Recordings of military transmissions are available on the SIGIDWIKI signal identification site. The South African Amateur Radio League (SARL) News reported this week that radio amateurs in Europe and South America have reported major interference from Russian OTH radar stations on several parts of 40 meters — with 12 kHz-wide signals. The radar transmissions have been heard on 7064, 7109, 7170, and 7190 kHz.

Several European IARU member-societies have already sent complaints to their respective telecommunications regulators.

[Over-the-Horizon Radars Causing Widespread Interference on 40 Meters](#)
[Mike Terry via WOR](#)

THE TUNING CAT

You must watch this fantastic video of a cat playing with a transceivers's tuning knob!!!

Video by ep3as. <https://www.facebook.com/yo3ffe/videos/3215873271817333/>

Schauen wir mal was heute so rein kommt.....

(Hans-Joachim Koch via A-DX)



Radio Tarma

Radio Tarma aus der gleichnamigen Stadt in den Anden Perus ist gegen 23 Uhr UT im 60 Meter Tropenband auf 4775 kHz zu hören.

	OCXAJ	1,510	KHZ.	Onda Media
	OCX4E	4,775	KHZ.	Onda Corta
	OCW4A	90.9	MHZ.	FM Tarma
	OAA4F	95.5	MHZ.	FM Huasahuasi
	OCZ4AM	91.3	MHZ.	FM Acobamba
	OAJ4K	103.9	MHZ.	FM San Pedro de Cajas
	CANAL	31	Tv.	Por Cable

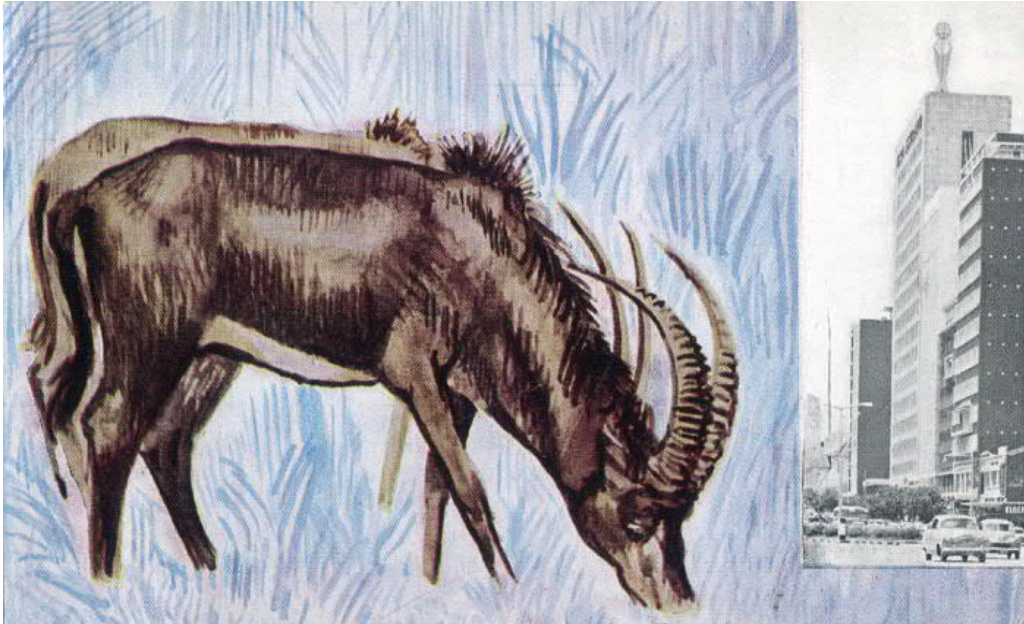
En el aire Mario Monteverde Pomareda
GERENTE GENERAL

61 Años La Primerísima
1958 - 2019

(Cristoph Ratzer via A-DX)

DX nostalgia (RFK)

There was a time when the tropical bands were full of signals from African stations. Sadly there are almost none left today. Below is my QSL card from a country then named Rhodesia and I heard the station on 2425 kHz in the 120 m.b. The actual name of this territory was Southern Rhodesia and there is a sticker on the back-side of the QSL which says "The Southern Rhodesia Broadcasting Corporation". In 1965 Rhodesia issued a unilateral declaration of independence with Ian Smith as prime minister. The country was not recognized by any other nation. In 1980 it became the Republic of Zimbabwe under the leadership of Robert Mugabe.



A quite simple but oh so welcome QSL card from station CHNX in Halifax, Nova Scotia. This was a SW outlet relaying CHNS 960 and it was a regular catch on 6130 kHz despite the moderate power of 250 watts until it closed in 2001. CHNS pulled the plug of their 960 AM transmitter in 2006.

QSL HALIFAX NOVA SCOTIA CANADA

To..... *Ronny Forslund*

Confirming your reception of Station: / CHNS 960 Khz 10,000
CHNX 6130 Khz 250
CHFX 101.9 Mhz 100,000

Broadcasting 24 hours daily [English Language]

Date..... *January 14, 1976*

Judy Caruthers

Not only have most of the African stations in the tropical bands disappeared: the same goes for Indonesian stations. Tore Larsson (TL) received this letter by registered mail from RRI Tanjung Karang and the station could be heard on 3395 and 3995 kHz.



In June 1945 Jan-Erik Räf JER reported station T.A.P. in Turkey and he also got a personal reply in the station's mailbag programme on August 26, 1945. The QSL card arrived a bit later, on April Fool's Day in 1946....



Finally a QSL letter from JER:s collection. He received WLWO in Cincinnati in 1945, while the USA was still at war. The station came on the air in 1940 and was owned by the Crosley Corporation which also operated WLW AM 700 – the super power station. At the time, WLWO had the most powerful American SW transmitter and it was licensed as a commercial radio station. Strangely enough they had no sales section but carried commercials. In reality it was financed by Nelson Rockefeller's CIAA (Office of the Co-coordinator of Inter-American Affairs) as well as by President Roosevelt. The station was actually a propaganda tool before the Voice of America was established.

