

# SHORTWAVE BULLETIN

Issue no. 1900, April 22, 2018.

Deadline e-mail next issue: 0800 UTC, May 6, 2018.

Yesterday the nature exploded. A fantastic day with 24 C. Couldn't find a cloud on heaven and the sun was really shining.

The farmers around us are very busy with the spring tillage as autumn, winter and spring until now have been extremely rainy down here.

This time we have got a few very nice illustrations from Ron Howard and John Ekwall.

Regarding XEXQ and R Truro there were very little information on the Internet but found some as you can see to the right.

Also very nice to see the old QSL card from SABC just a few months before changing their name to SABC.

Many thanks to both of you.

If you have old QSL's there is a great interest among the members to see those. Please enclose a copy if you have spare time. Also interested if you have any comments from the time the station was heard.

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, kommentarer, mm.

**Christer Brunström:** Voice of Hope Africa 13680 QSL card. **Radio Japan** 5975 (Via Austria) QSL card and informative programme guide. **All India Radio** 7550 beautiful card showing Taj Mahal from the river, **Radio Taiwan International** QSL-card and pennant (!) acknowledging my comments on the new web page of the French section which no longer broadcasts on shortwave to Europe. **Radio Austria International** 6155 QSL-letter, publicity cards, pen and candy (first time for me).

**Ron Howard:** Greetings from California. Perhaps the attachments might be of interest for SWB?



**XEXQ-AM** is a radio station in San Luis Potosí, San Luis Potosí.

XEXQ is the second-oldest university radio station in Mexico, behind Radio UNAM.

On July 28, 1938, the UASLP's radio efforts began with the sign-on of XEXQ-AM, the second university broadcaster in Mexico. The new AM radio station came with a shortwave counterpart, also called XEXQ, on 6045 kHz, which by the 1950s was one of 16 short-wave radio stations in Mexico and is still in operation.

In 2007, the station moved to 1190 kHz.

**Radio Truro, Swaziland Commercial Radio**, once on 6155 kHz.

**Radio Truro** was an Indian culture service which broadcast in English and Asian languages and was aimed at the Indian ethnic population of Natal. Radio coverage of Natal was excellent. It closed on Feb.1, 1986 as the commercial revenue was not sufficient for such a service.

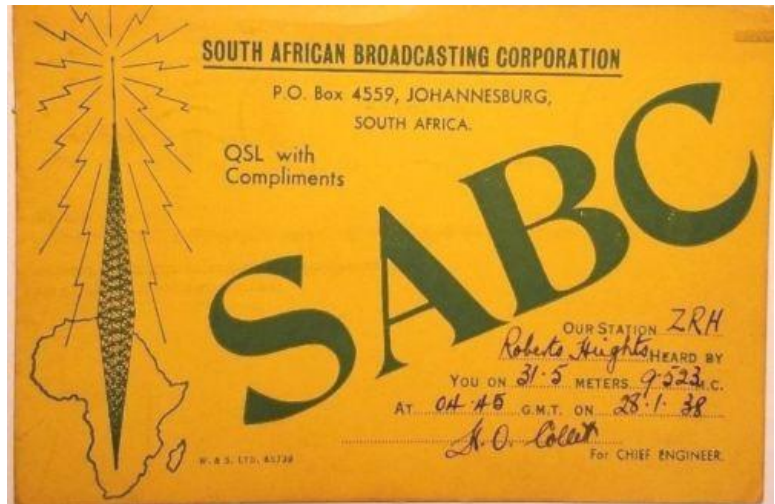
*(Ron, thanks a lot for those old illustrations. Didn't know of any of them ... /Thomas)*



**John Ekwall:** Tänkte på kommande nummer som är 1900. Kollade om jag kunde göra en pdf på nr 900 men det var bara en sida, så jag skippar det. Skickar några illos som har 80 år på nacken och kommer från Sydafrika.

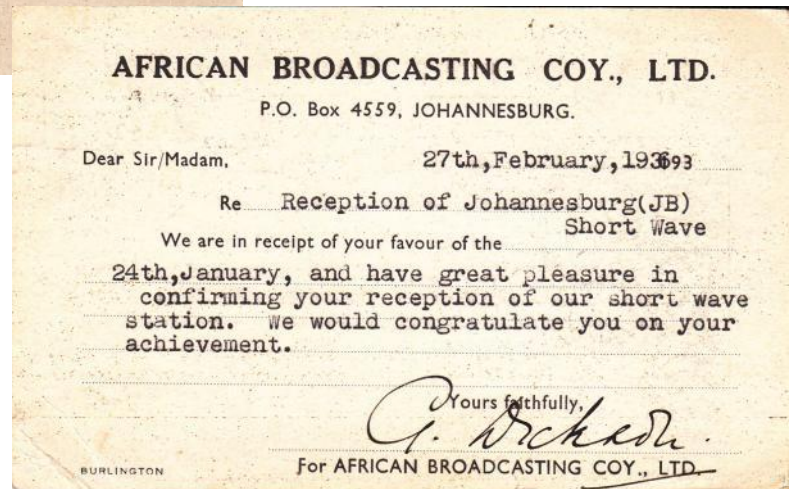
Det äldsta är nog ovanligt då det bara några månader efter det skickats 1936 fick sitt nya namn - SABC.

(Tack John för fina gamla QSL! /Thomas)



**Manuel Méndez, Lugo, Spain:** 6070, CFRX, Toronto, 1.000 watts, snail mail QSL card received in 12 days for reception report about a transmission between 0444 and 0610 UTC, 1 April. Verification signer Steve Canney, QSL Manager. Reception reports can be sent to: [cfrbcfrxreport@gmail.com](mailto:cfrbcfrxreport@gmail.com) or CFRX, Steve Canney, VA3SC, 1831 Waterdown Rd., Burlington, Ontario Canada, L7P 5A2

Criteria to receive a CFRB/CFRX QSL card: <http://cfrx.webs.com/>



"Return postage is greatly appreciated and ensures a faster response. For Canadians, include one \$1 or an SASE, U.S. listeners \$2 dollars, and for international listeners, \$3 in Canadian or U.S. funds

Date you heard CFRB or CFRX;

Time you heard the transmission (local or UTC);

Frequency (specify CFRB 1010 or CFRX 6070 kHz);

Program material (at least 10 minutes of specific program material heard, i.e. name of announcer, commercials heard, news items etc.);

Signal report (a general overview of how well you were hearing the signal in your location);

Mention of the type of equipment and antenna you were using to hear the signal is helpful as well."

**Robert Wilkner:** A combination of snow, ice pellets, freezing rain, and high winds took out my 40 meter off-center fed dipole late Saturday night. This antenna works best for me on its designed band and above 12 Mhz. The ladder line has probably come off from the balun but it's a little too cold, wet, and slippery to effect repairs today so I had to put up with using my 80 meter off-center fed dipole which works best below 7 Mhz and on 25 and 31 meters.

When is spring finally going to arrive in the Great White North?

3310.0	Apr17	2220	R.Mosoj Chaski, Cochabamba. Quechua, tks, mx. 25331 (CGS)
3310	Apr20	0100	Radio Mosoj Chaski, Cochabamba 0100 to 0130 same om in Quechua with decent signal (Wilkner-FL)
3320.02	Apr9	2010	R Sonder Grense, Meyerton Afrikaans ann, music (AP-DNK)
3325	Apr18	-1201*	NBC Bougainville. DJ in Pidgin playing pop Pacific Islands music; no news at 1100; only very slight RRI QRM after 1150. BTW - No NBC Madang (3260) today (Ron Howard, Asilomar State Beach, CA, USA)
3480	Apr9	2015	Voice of the People, via Goyang, South Korea Korean talk - jammed (AP-DNK)
3900.0	Apr7	2044	R. Python - pir. E, pops, tks. 35332 (CG)
3920.1	Apr8	2141	Rock R Network - pir. E, pops, tks. Deteriorating. 35433 (CG)
3955	Apr9	2020	R Korea International, via Woofferton German ann, Korean song, talk about Nature disasters (AP-DNK)
3975	Apr9	2025	Shortwave Radio, Winsen English ann, ID: "This is Shortwave Radio ... test transmission", song about "Window" (AP-DNK)
3975.0	Apr7	2050	Short Wave R - pir. Pops. 35332 (CG)
3975	Apr19	1653	AM Shortwave R., WIS, E, ID times mx. (TB)
3985	Apr9	2030	Shortwave Service, Kall-Krekel Italian ID, relay R Albania news in Italian (AP-DNK)
3990.0	Apr15	1742	Xinjiang PBS, Urumqi. Uighur, tks, local pops. Closed after the 1800 TS. 25342 (CGS)
4010	Apr20	1744	Birinch R., tent Bishkek (Krasnaya Rechka), R, tent tk. (TB)
4010.17	Apr10	-1800*	Birinch R, Krasnaya Rechka Russian talk, 1758 National hymn by choir. <u>Not yet using announced A18 schedule until 2000*</u> (AP-DNK)
4055	Apr19	0410	R.Verdad, Chiquimula, EE: Rlgs TK & songs F. (Mauro Giroletti)
4055	Apr18	0347	R.Verdad, Chiquimula, E, OM tk mx... ID. (TB)
4500	Apr10	0100	Xinjiang PBS, Urumqi Time signal, Mongolian talk, local music // 6190 (AP-DNK)
4747.24	Apr21	2320	Radio Huanta 2000 Huanta Ayacucho 2320 to 2330 strong carrier with some weak SP audio under CODAR, (Wilkner-FL) not noted same time on 20 April (Wilkner-FL)
4750.0	Apr15	1705*	Bangladesh Betar, Shavar. Tks. 15341 (CGS)
4750	Apr17	1643	R.Bangladesh Betar, Bengali/E, IND mx this day. (TB)
4760	Apr17	1343	AIR Port Blair (presumed not to be AIR Leh). On April 17, with better than normal reception 1343-1353; my local sunrise was at 1330 UT; good signal strength cutting through the QRN (static) and CODAR QRM (Ron Howard, Asilomar State Beach, CA, USA)
4765.01	Apr10	0015	Tajik R 1, Yangiyul Tajik ann, local songs (AP-DNK)
4774.8	Apr12	2137	R. Congonhas, Congonhas MG. Mass. 35332 (CGS)
4774.9	Apr17	0423	R.Tarma, Tarma, Junín, S, LAm mx OM tk R Tarma, ?. (TB)
4774.9	Apr17	2203	R.Tarma, Tarma. Cast, tks. QRM de CODAR + B. 23341 (CGS)
4800	Apr10	0020	AIR, Hyderabad Telegu ann, Indian songs QRM China (AP-DNK)
4810	Apr10	0025	AIR, Bhopal Hindi talk (AP-DNK)
4810	Apr11	1700	Armenian National R., Yerevan/Gavar, Farsi NX G. (Mauro Giroletti)
4810	Apr20	1711	AIR, Bhopal, Hin+-. ? (TB)
4820	Apr10	0030	Birinch R, Krasnaya Rechka Kyrgyz opera - Hum on frequency and QRM Xizang // 4010.11 (AP-DNK)
4835	Apr15	1232	Not even a JBA carrier from Ozy Radio: that`s because, as Johnno Wright informs me: ``4835 kHz has suffered over heat issues with the power supply --- days on days of 100 F heat cooked the power supply. Off air till 15th May or more. So what SW station plays decent pop music? 11th April (Craig Allen via John Wright, Australian Radio DX Club, 0253 April 14)`` Nor is there a 4835 carrier here from AIR Sikkim, but we have another month to try to hear that. Some Indian carriers are making it such as 5010. And 5055 JBAC presumably 4KZ (Glenn Hauser, OK)
4835	Apr19	1232	AIR Gangtok (presumed). Had a definite carrier and we know Ozy Radio is off the air for a while here, so now is a good chance to check this out (Ron Howard, Asilomar State Beach, CA, USA)
4862.0	Apr16	2113	R.Alvorada, Londrina PR. Tks. 15341 (CGS)
4875	Apr16	0255	R.Difusora Roraima, Boa Vista, RR, P, tent ...Bona Vista...FREQ. (TB)
4875.3	Apr12	2139	R. Roraima. Chatter, listeners' calls, mx & songs, sponsored by <i>Casa Reis</i> , advs. for groceries. 35333 (CGS)
4885	Apr9	2035	Echo of Hope, via Seoul, South Korea Korean conversation (AP-DNK)
4885.0	Apr6	2101	R. Echo Of Hope (cland, Nowon-gu. Kor to KRE, tks. 35332 (CG)
4885.0	Apr12	2141	R. Dif. <sup>a</sup> Acreana, Rio Branco AC. Tks, songs. QRM de B. 33331 (CGS)
4885	Apr19	0420	R.Clube do Parà, Belem, PP: MX. F. (Mauro Giroletti)



4895	Apr19	1203	// 7260, Mongolian Radio 3 (presumed), after 1203+, with pop music; clearly //; still heard with audio on 4895, past 1307+, but by then definite QRM from Voice of Strait (China) on 4900, which started at *1300. Very rare for me to pull in any audio on 4895 (10kW). Noted 4830 was silent. Also heard today by Jim Young (Calif.) (Ron Howard, Asilomar State Beach, CA, USA)
4910	Apr10	0035	AIR, Jaipur English report about Russia (AP-DNK)
4920	Apr10	0037	AIR, Chennai English news about Bangladesh and Malaysia QRM Xizang (AP-DNK)
4920	Apr20	1704	AIR, Chennai, Hin+-, tent IND mx. (TB)
4949.7	Apr12	2143	RNA-Canal "A", Mulenvos. Interviews in px <i>Fórum</i> , pops. 35332 (CGS)
4949.7	Apr16	1910	R.Nacional de Angola, Mulenvos, PP: TK. F. (Mauro Giroletti)
4950	Apr10	0040	R Kashmir, Srinagar Kashmiri ann, local songs, heterodyne (AP-DNK)
4950.0	Apr17	1734	R.Kashmir, Srinagar. Tks. 35332 (CGS)
4960	Apr9	2040	VOA, Pinheira Hausa interview with musical interludes (AP-DNK)
4965.0	Apr16	1816	Voice Of Hope, Makeni Ranch. E, rlg. propag. & songs to match. Adj. uty. QRM. // 6065. 44433 (CGS)
4970	Apr17	1316	AIR Shillong. A day with much stronger than usual audio; in Hindi and subcontinent music; almost fair (Ron Howard, Asilomar State Beach, CA, USA)
4980	Apr10	0055	Xinjiang PBS, Urumqi Uighur talk, music // 3990, 6120 and 7205 (AP-DNK)
4985.0	Apr13	2134	R.Brasil Central. Mx px <i>Brasil Sertanejo</i> . Much better on 14/4, 2200. 35332 (CGS)
5005	Apr15	*0519	Radio Nacional, Bata, open transmission at this time, extremely weak here in Lugo, only carrier detected and some songs detected, barely audible. (Méndez)
5010	Apr10	0045	AIR, Thiruvananthapuram Malayalam talk (AP-DNK)
5010.0	Apr17	1732	AIR Thiruvananthapuram, Muttathura. Tks. 35433 (CGS)
5010.0	Apr15	1741	R.TV Madagasikara. Malag, tks, songs. Carrier w/ suppressed LSB. 25342 (CGS)
5035.0	Apr12	2145	R. Educação Rural, Coari AM. Songs, tks, rosary. 25331 (CGS)
5040.0	Apr15	1658	AIR Jeypore, Odisha. Chanting. 25331 (CGS)
5050	Apr22	1047	UNID. -LSB, a spy? April 22, from 1047 till ended shortly after 1304. OM in Russian(?); very brief spots about every minute (not timed regularly); some segments with slightly more words than others. Of course heard mixing with China (Beibu Bay Radio) on frequency. In all my years of monitoring BBR, have never heard this before. Didn't note any unusual conditions, but seemed more or less like normal propagation today. Have edited together eight brief segments; my audio at <a href="http://goo.gl/y6EQva">http://goo.gl/y6EQva</a> . Appreciate any assistance with this, as to the language and/or ideas as to who it might be. Appreciate any comments! Thanks. (Ron Howard, Asilomar State Beach, CA)
5060	Apr10	0050	Xinjiang PBS, Urumqi. CC conversation, advertisements //3950 and 5960 (AP-DNK)
5820.0	Apr6	1820	R. Mi Amigo (D?) via relay - pir. Pops. <b>ID via DX press</b> . 25331 (CG)
5840	Apr20	0419	World Music R, Karup, E/F, mx px, ID. (TB)
5845	Apr18	2010	IBC R., E, I, DX px, HAM px. (TB)
5910	Apr15	0515	Alcaraván Radio, Puerto Lleras, Latin American songs, comments. Very weak. Very irregular, past days out of air. (Méndez)
5910.354	Apr11	0631	Alcaraván Radio is back after absence several nights, now good S9-S7 with peppy troppy music not suitable for the nightmiddle. No sign of the other HJDH, La Voz de tu Conciencia, circa 6010v (Glenn Hauser, OK)
5915	Apr9	2045	ZNBC, R Zambia, Lusaka Vernacular ann, Afropop (AP-DNK)
5915	Apr9	0457	ZNBC/Radio One. Commercial announcement in English for on-line service; news in English; starts with "One Zambia, One Nation"; break in the news for government promo sponsored by the Zambia Securities and Exchange Commission, advising businesses to go to a licensed financial adviser to find out about corp. bonds and buying stocks in "Zambia's capital market"; the ads had sharper audio than the news; 0518 back to being in vernacular (Ron Howard, Asilomar State Beach, CA, USA)
5939.7	Apr13	2136	R.Voz Missionária, Camboriú SC. Rlg. propag. px, songs. 45433 (CGS)
5950.0	Apr13	1732	Voice Of The Tigré Revolution, Geja Jawe. Vn, tks. 45433 (CGS)
5950	Apr11	1750	VO Tigray Revolution, A.Ababa/Gedja, VV: HoA songs TK G. (Mauro Giroletti)
5960	Apr14	0459	Carrier at S9-S8, soon African music, and announcement in *French*, which I can't copy fully, including, ``Vous êtes à l'ecoute de --- internationale``, ``six heures, samedi quatorze avril``, fréquences and program summary for the hour to follow; 0503 hilife music. Since it starts in French rather than English, I assume this is the one originating from Ndjamena rather than Maiduguri, whether it is really appealing itself Ndarason rather than Dandal Kura yet. This hour only is now registered as 250 kW, 65 degrees from ASCENSION, something BaBcoCkian in Kanuri (Glenn Hauser, OK)
5980.0	Apr7	1631	R. NZi, Rangitaiki. E, tks, mx. Adj. QRM. 23431 (CG)
5980	Apr21	2358	JJBA carrier from R. Chaski, cuts off circa 2359:45* so no more slippage. We'll have less and less reception of this with earlying sunsets (Glenn Hauser, OK)
5995.0	Apr10	2215	R. Mali, Kati. No audio, but almost surely MLI. 45333 (CG)

6003.0 Apr6 1828 R. Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. Jammed. 22441 (CG)

6010.0 Apr16 2119 R.Inconfidência, Belo Horizonte MG. Tks, songs. // 15190.1 even poorer. 25331 (CGS)

6030 Apr21 1329 CNR12. Continuing to carry "Entertainment Radio" programming here through May 10; good signal; in Chinese; a bit of propaganda about having a better life; into talk about the Yongle Encyclopedia, commissioned by the Yongle Emperor, during the Ming dynasty (audio translated by native speaker of Mandarin). My audio today - <http://goo.gl/qHKHj4>, again with QRM underneath from Calgary, Canada (CFVP relaying CKMX AM 1060) (Ron Howard, Asilomar State Beach, CA, USA)

6035 Apr17 1210 PBS Yunnan, 1210-1240 & 1329, April 17. Clearly a permanent change in format and schedule since March 21; daily noted many hours past former 1200\*; still in the relay mode of a FM station; in Chinese; many commercial announcements; seems no longer the "Voice of Shangri-la" format; at 1329, with considerable N. Korean jamming QRM from 6040 (Shiokaze) and that also causes QRM for Voice of Freedom at 6045. Suggest that if folks are hearing just a solo station here after 1200, that it's Yunnan and not Bhutan, which when BBS is on the air, normally would go off about 1200 and when they do run past 1200, their format is very different than PBS and would in fact be mixing with Yunnan (Ron Howard, Asilomar State Beach, CA, USA)

6035 Apr14 1208 Bhutan (tent), talks & vocals on a good opening to Asia (Paszkievicz)

6035 Apr21 1125 BBS (Bhutan), mixing with relay of FM 99 (Kunming, Yunnan Province, China), from 1125, till BBS cut off at 1139\*; certainly two stations mixing here; one with mostly non-stop music (believe FM 99 relay) and the other mostly with announcers (believe BBS); onward from 1139 to 1320, just FM 99 programming here, with various amounts of adjacent QRM (at times heavy QRM); overall reception was poor; format consisted of segments with either non-stop EZL pop songs or non-stop commercial announcements in Chinese; I presume this to be the relay of FM 99, as others have confirmed ID (see below), but I think it will be a challenge for me to actually make out an ID here due to poor reception and at the beach, I don't have access to FM 99 online audio streaming. Thanks very much to Mauno Ritola and Hiroyuki Komatsubara for establishing the positive ID of the FM relay. Great work on their part!  
From Mauno - *"Yes, FM 99 relay 2300-1630 in Chinese as far as I have managed to check, also at 1000 and 1100. But there is still one Shangri-La segment in Vietnamese 1630-1700 and also ID in English."* ["Yunnan Radio and Television International, the Voice of Shangri-La"]  
- - - Additional helpful info per <http://radio.chobi.net/DX/bbs/?res:160#3198> : Recently, they are broadcasting FM relay ?? It is very interesting information.  
Thanks to Ron Howard and Mauno !!  
Ron Howard : <http://radio.chobi.net/DX/bbs/?res:3140>  
Ron Howard : <http://radio.chobi.net/DX/bbs/?res:3177>  
(Ron Howard, Asilomar State Beach, CA, USA)

6040.7 Apr12 2201 R. Evangelizar, Curitiba PR. Natl. nx magazine *A Voz do Brasil*. Adj. QRM. 34442 (CGS)

6045.0 Apr15 0945 Voice of Freedom, with the start of the program in Korean called "Ingwon balo algi" ("Know human rights correctly"); portion with radio drama; reception fair-good with no jamming, which was still down on 5920. My audio of ID at <http://goo.gl/VArjR5>. The IDs I'm making here are only possible with the kind guidance of Amano-san (Saitama, Japan). Not off frequency here and no drifting, so definitely a different transmitter than was heard on 5917.4v (Ron Howard, Asilomar State Beach, CA, USA)

6045 Apr11 1339 Voice of Freedom (Hwaseong). Ex-5918a since 10 April (& thanks to Ron Howard for that info). Fair signal w/ usual KR chat/pop music & a bit of QRM from the NK jammer on 6040 (versus Shiokaze) until 1400. (Dan Sheedy)

6050 Apr16 0225 HCJB Quito, Pico Pichincha, ?, sg LAm mx. (TB)

6059.8 Apr12 2203 SRDA, Curitiba PR. Natl. nx magazine *A Voz do Brasil*. Adj. QRM. 24342 (CGS)

6065.0 Apr16 1814 Voice Of Hope, Makeni Ranch. E, rlgs. propag. & songs to match. // 4965. 55444 (CGS)

6070 Apr7 -1435\* Furusato no Kaze/Shiokaze (Yamata). FnK closing info including website, followed by Shiokaze ID, sked. NK pulse jammer not doing much today. (Dan Sheedy), CFRX Toronto "...one of the greets events in history ...." (Wilkner-FL)

6070 Apr21 2340 R. Marumby, Curitiba PR. Natl. nx magazine *A Voz do Brasil*. Adj. QRM. 33442 (CGS)

6090 Apr9 -2100\* Amhara State R, Geja Jewe Amharic ann, Horn of Africa song, ID: "Yeh ye Amhara Killil Radio", 2059 National hymn QRM CNR-2 (AP-DNK)

6090.0 Apr9 2041 Voice Of Amhara State, Geja Jawe. Vn, tks, HoA songs. 45433 (CG)

6100 Apr18 2205 "The Relay Station" Tnx John Herkimer tip, noted at 2205 w/end of anmnt w/ment of website welcomeradio.com, Dance mx w/DJ "Annie" giving pgm credits, name and "The General Store", Blues mx, ID by little girl for WXNZ, Skowhegan, ME, cont. Blues song, then "Both Sides Now" by Joni Mitchell. Very good signal. Here's a link to a Youtube video of the reception: <https://youtu.be/JTRfsX5LugM> (Valko)

6115	Apr9	0521	Radio Congo (presumed), must have signed on early April 9; at 0521 noted announcers in French underneath Japan ("RN2, Radio Nikkei"); clearly two stations mixing here; Japan with almost all pop songs, while Congo had non-stop announcers in French (no music); tuned away at 0540, as Japan had become too strong (Ron Howard, Asilomar State Beach, CA, USA)
6115	Apr13	1750	Radio Congo, Brazzaville, African songs, at 1802 news, "Radio Congo". (Méndez)
6134.8	Apr17	2205	R.Santa Cruz, St. <sup>a</sup> Cruz de la Sierra. Cast, nx. Poor audio. 25432 (CGS)
6205.0	Apr5	1820	Laser Hot Hits - pir. E, pops, chatter. 35433 (CG)
6210.0	Apr7	2045	R. Barraquda - pir. Pops. USB tx. <b>ID via DX press</b> . 25342 (CG)
6215	Apr6	1437	CNR1. Apparently running as a jammer, but why here? VoH, their usual target is normally on 6230/6280. (Dan Sheedy),
6235.0	Apr7	1748	R. Waves Int'l (t)- pir. Ital, pops, tks, p.o.box nr. ann. Drifted to 6235.1. <b>T-ID via DX press</b> . 35332 (CG)
6285.0	Apr6	1814	Coast FM (Canary Is. stn) via UNID, Irish? - pir. E, advs. (for Tenerife, Canaries), pops. 45444 (CG)
6320.0	Apr8	1822	R. Joey - pir. Du, pops, tks. 35443 (CG)
6325.2	Apr7	1633	R. The Ghoul - pir. Songs. <b>ID via DX press</b> . 35332 (CG)
6375.0	Apr19	2033	Harmony R - pir. E, oldies. 35443 (CG)
6425	Apr14	1531	R. 52, ., OM tk ID oM tk 1532/. (TB)
7120.0	Apr7	1807	R. Hargeisa, Somaliland. A, tks, phone-ins, HoA mx. QRM de amateurs. 43432 (CG)
7120	Apr11	1740	R.Hargeisa, Somali: MX. G. (Mauro Giroletti)
7120	Apr19	0357	R.Hargeisa, A, AFRO mx ID AFRO kn. (TB)
7155.0	Apr17	-1328*	Thanks to Jim Young, Mauno Ritola and Thorsten Hallmann for their assistance with this one. April 17, both Mauno and I noted 1328*; very weak reception; at times able to tell whether announcers or music, but reception otherwise unusable. Mauno speculates that this is a VOV spur, which I certainly agree with, as does Thorsten. Seems the most logical conclusion! (Ron Howard, Asilomar State Beach, CA, USA)
7192	Apr19	1140	USB, VC01 (Chinese Military numbers station), with numbers in Chinese; fair reception (Ron Howard, Asilomar State Beach, CA, USA)
7205.0	Apr15	1616	Sudan RTVC, Al Aitahab. Tks, interviews, songs. Adj. QRM. 24342 (CGS)
7236.4	Apr15	1520	R.Ethiopia, Geja Jawe. Tks, mx. Improving, 25442 at 1625. Drifting. 15341 (CGS)
7255	Apr18	1808	Vo Nigeria, E, E NX. (TB)
7260	Apr16	1032	Mongolian Radio 3 (presumed). Phone in program; same program heard again on April 17; not bad reception, as China had not propagated yet; both days not on 4830 nor 4895 (Ron Howard, Asilomar State Beach, CA, USA)
7295	Apr15	0950	// 7345, Radio Sakha, via Yakutsk. Commercial announcements ("on-line" service, etc.) and music; ToH time pips (still with no IS); fair, with both frequencies doing well. My audio clip at <a href="http://goo.gl/CB3wXe">http://goo.gl/CB3wXe</a> (Ron Howard, Asilomar State Beach, CA, USA)
7425.0	Apr15	1047	R.NZi, Rangitaiki. E, interview, ..., tks. F/out. 25331 (CGS)
7490	Apr15	2058	WBCQ with repeated IS and ID and into "Marion's Attic" eclectic music program at 2100 with Marion Webster and his beautiful assistant Christina – Very Good (Coady-ON)
7500	Apr7	-1400*	CNR1/VOA (Udon Thani). VOA's Cantonese program closing with colloquial EG phrases ("under the weather", "grab a bite") during the language lesson was mixed about 50/50 with CNR1's jammer. (Dan Sheedy),
7505v	Apr10	1120	WRNO, found no signal here. What happened to their extended broadcasts till 1300*? (Ron Howard, Asilomar State Beach, CA, USA)
7550	Apr18	1828	AIR, E, IND mx ID tk. (TB)
7720.0	Apr7	1804	R. Marconi Int'l - pir. Ital/E, tks, pops, ref. to the <i>NZL DX League</i> . USB tx. 25442 (CG)
9155.0	Apr15	1522	Sound of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. 15341 (CGS)
9265	Apr14	2054	WINB, INB, ., rlg OM rk. (TB)
9445	Apr15	2204	AIR at 2204 with a woman with "All India Radio News" to 2210 and a man with ID followed by subcontinental vocals - Fair (Coady-ON)
9515.0	Apr16	2107	R.Marumby, Curitiba PR. Rlgs. propag. 35443 (CGS)
9550.0	Apr16	2109	R.Boa Vontade. Rlgs. propag., choir. Adj. QRM. 24432 (CGS)
9564.9	Apr14	0921	SRDA, Curitiba PR. Rlgs. propag. Adj. QRM. 25442 (CGS)
9630.6	Apr14	1103	R.Aparecida, Aparecida SP. Mass, tks. F/out. 15341 (CGS)
9635.0	Apr18	1100	R.Mali, Kati. Vn, tks. Audio vy. weak and somewhat distorted. 35443 (CGS)
9635.8	Apr15	1120	R.Voice Of Vietnam, Son Tay. Viet, tks, mx. F/out. 25432 (CGS)
9650.0	Apr15	1050	R.Guinée. F, road safety px <i>Prudence sur la Route</i> , then mx px <i>Tribune des Célébrités</i> . 45444 (CGS)
9655.0	Apr16	2111	R.Voz Missionária. Songs, Bible reading. 45444 (CGS)
9665	Apr13	0927	Voz Missionaria, Camboriú, religious comments and songs. (Méndez)
9725.4	Apr18	0951	R.Evangelizar. Nx px <i>Evangelizar Informa</i> , fqs ann., rosary,...., songs. 25432 (CGS)
9818.6	Apr15	0955	R. 9 de Julho. Folk songs, tks. Adj. QRM de CHN at 1000. 15331 (CGS)

9830	Apr15	2159	Voice of Turkey at 2159 with IS and ID to time pips at 2200 and a man with ID and sked and web platforms and contact info then program highlights and into a man with news at 2202 – Very Good (Coady-ON)
9835.0	Apr14	1235	Sarawak FM via RTM, Kajang. Songs, advs., ..., tks, prayer prior to 1200, songs. F/out. 25442 (CGS)
9835	Apr4	1319	Sarawak FM (via RTM-Kajang) 1319-1500+ 4, 5 April. Thanks to Ron Howard's tip, I enjoyed RTM's coverage of their local "Tilawah-al-Qur'an" competition-usually ran to about 1430 & back to regular Sarawak FM programming. Apparently closing broadcast on 6 April, as heard 1348-1415 with competition commentary, recitation across 1400 & more commentary until 1415 then Sarawak FM jingle & ML pop. (Dan Sheedy)
9965	Apr15	1355	T8WH, Palau Medorn, EE: Rlgs TK. G. (Mauro Giroletti)
11100.0	Apr15	1532	Sound of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. 15341 (CGS)
11530	Apr15	1340	Voice of Welt (Radyo Denge Welat) Kichinev, Kurdish music. (Mauro Giroletti)
11600	Apr15	1524	Overcomer Ministry at 1524 with Brother Stair pontificating – Weak (Coady-ON) – I guess the Bulgarians have no morals and don't care who they rent airtime to.
11665	Apr6	1345	Wai FM (via RTM-Kajang) 1345-1500. "Regular" Wai FM program with news lead-in: "dari Wai FM, RTM-Kuching", a couple of big RTM promos mentioning RTM-Limbang, RTM-Sibu, RTM-Miri among others, followed at 1410 by ML pop/chat to 1500 then: "Wai FM, Radio Sarawak..", RTM Sarawak website & jingle tag. (Dan Sheedy),
11735	Apr18	1809	ZBC. ID by W at end of nx as "This is the English news from Zanzibar Broadcasting Corporation. Thank you for listening". Best signal during the EG nx in quite a while. (Valko)
11735.0	Apr14	1702	Zanzibar BC, Dole. Swah, nx, tks. QRM de B. 34443 (CGS)
11735	Apr18	1622	Zanzibar BC, Sw, adv. (TB)
11735.0	Apr16	-2100*	R.Transmundial. Songs. 45444 (CGS)
11815	Apr13	0940	Radio Brasil Central, Goiania, comments, Brazilian songs. (Méndez)
11815.0	Apr17	1208	R.Brasil Central. Tks (nx?). 15341 (CGS)
11850	Apr15	2031	Radio Sana'a (Republic of Yemen Radio) at 2031 in Arabic with rousing Middle Eastern vocals then a woman with talk at 2033 – Good (Coady-ON)
11855.8	Apr16	2049	R.Aparecida. Songs in rlgs. propag. px. 45444 (CGS)
11895.1	Apr16	2037	R.Boa Vontade, Pt.º Alegre RS. Rlgs. propag. Unusually strg. 35443 (CGS)
11930	Apr15	2034	BSKSA at 2034 // 11820 and 11915 in Arabic with Islamic Call to Prayer – Fair to Good (Coady-ON) – While not as strong a signal as 11820 and 11915 it was a nice change listening to this on this frequency rather than Radio Marti and a Cuban jammer.
11934.9	Apr16	2040	R.Evangelizar, Curitiba PR. Rlgs. propag. Adj. QRM. 34443 (CGS)
11955	Apr15	1324	CRI at 1324 in Malay with a woman with talk – Fair (Coady-ON)
12085	Apr13	*0900-	Voice of Mongolia, Ulaan Baatar, EE, id. "Voice of Mongolia", comments. (Méndez)
12190.0	Apr15	1535	Sound of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. 15341 (CGS)
13675	Apr15	1527	CNR1 at 1527 in Mandarin jamming RFA in Mandarin via Tajikistan with a man with excited talk – Weak (Coady-ON)
13690	Apr15	1329	CNR1 at 1329 // 11785 and 13830 in Mandarin jamming the VOA via the Northern Marianas with Chinese opera music – Fair (Coady-ON)
13730.0	Apr9	2058	R. NZi, Rangitaiki. E, wx, nx at 2100. 25331 (CG)
13830	Apr15	1326	CNR1 at 1326 // 11785 in Mandarin jamming RFA in Tibetan via Tajikistan with Chinese opera music – Fair (Coady-ON)
13845	Apr15	1530	University Network (via WWCR) at 1530 // 11775 (Caribbean Beacon) with Pastor Melissa Scott preaching – Good (Coady-ON) – This signal was a split second behind 11775.
15140	Apr15	1403	Radio Sultanate of Oman at 1403 with a woman with news then "That's the news from Oman" at 1408 followed by headlines repeated then a man and woman with promos mentioning "Oman, Oman, we are more the just the music" at 1409 and into pop vocals at 1412 – Fair in peaks with deep fading (Coady-ON)
15185.0	Apr9	0332	AIR (Delhi-Kingsway). Subcontinent music; in Hindi; poor (Ron Howard, Asilomar State Beach, CA, USA)
15190.1	Apr15	1446	R.Inconfidência, Belo Horizonte MG. Tks. 15441 (CGS)
15255	Apr15	1523	RFE/RL at 1533 in Turkmen with a man with talk – Fair (Coady-ON)
15395	Apr15	1616	Athmeeya Yatra Radio (via Nauen) at 1616 in Hindi with a man with talk – Barely audible to Fair in peaks (Coady-ON)
15476	Apr18	0905	LRA 36, Radio Nacional Arcángel San Gabriel, improving signal, songs in Spanish, only audible on USB, strong fading, but at 1930 signal cut off suddenly and now LRA 36 out of air. (Méndez)
15580	Apr14	1510	VOA, E, AFRO mx px ID AFRO mx px. (TB)



## Re: China - CNR12 on 6030 kHz.

Thanks Ron for the tip.

Checked the Seoul remote SDR 0430-0510 UT this April 22 morning: (seemingly) CNR12 px at 0500 UT S=7 in Seoul. At 0530 UT increased to S=9

Others from China at daytime 0505 UT path:

7230.0 CNR1 S=8 scheduled far away Xian ? 150 kW quadrant non-dir ant

7269.986 PBS Nei Menggu Mongolian px, S=9 7420even kHz PBS Nei Menggu Chinese px, S=9

Korean report 0430-0458 UT midday daytime, grayline Hawaii/midway Pacific:

Hefty jammer signals of S=9 to S=9+25dB strength range on 3480, 3910, 3930, 3985, 4450, 4557, 5830, 5995, 6003, 6015 (rather 5820-6040 broadband covered) 6135, 6250, 6350, 6600 kHz.

2849.998 KCBS Pyongyang, speech by female soldier(?), S=9+20

3219.851 KCBS weak and tiny S=5 at 0443 UT, wandered to x.844 frequency nice brass band mx.

3319.994 Pyongyang BS, nice brass band orchestra mx, S=9 0444 UT

3479.986 VoP, female announcer, S=9+20dB, and hefty multi-tone jammer

5857.514 HLL Seoul Meteo service, female announcer, S=9 at 0447UT

5905.009 EoU, S=9+10dB at 0436 UT.

6044.985 VoF, S=9 at 0439 UT.

6099.998 KCBS Pyongyang S=9+10dB at 0455 UT speech by female soldier(?)

6249.994 EoH, S=9+20, 0458 UT.

(73 wb)

### Contributors to the log:

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(CG) = **Lisbon**. JRC NRD-545DSP & PERSEUS *sdr*; homemade amp. (W7IUV version); 20 m & 16.7 m T2FDs, 5 MHz dipole, 6x19x6 m Ewe 135°, raised, 4 loop K9AY

(CGS) = **SW coast** JRC NRD-545DSP & DRAKE R8-E; *Advanced ReceiverResearch* amp.; 20 m T2FD, 30 m 180°/0° mini-Bev., 80 m 300°/120° Bev., 200 m 270°/90° Bev., 270 m 145°/325° Bev., 300 m 225°/45° Bev., raised, 4 loop K9AY.

## Station news

**KOREA SOUTH. Echo of Hope** - Voice of Hope (VOH), 3985 // 5995 // 6250 // 6350 // 9100, on April 13, noted several segments without the normal N. Korea jamming; 1004-1021, also 1119 to past 1150 & 1222-1236; this being their main VOH program.

**4885, Echo of Hope** - Voice of Hope (VOH), continues on with their separate program in Korean; "Radio Broadcasting Guide" (not // to the other frequencies); long list of IDs for stations heard in S. Korea. This one hour program is repeated every hour. Never jammed. April 13, at 1137+.

**Voice of the People**, 3910 // 3930 // 4450 // 6520 // 6600, noted April 13, during segments with no N. Korea jamming; 1004-1021, also 1119 to past 1150 & 1222-1236; mostly fair.

**6015, KBS Hanminjok Bangsong 1**, on April 13, from 1006+. Mostly in Korean; pop songs (John Denver - "Annie's Song," etc.); series of IDs ("Now you are listening to KBS, Pop's Freedom"); segment "Everyday English" ("... wrong side of the road. Sure was a close call."); readable due to the absence of the N. Korea white noise jamming. Also in the clear 1222

**6045, Voice of Freedom**, April 13, at 1000, with the start of the program in Korean called "Haengboghghan Daehanmingug" ("Happy Republic of Korea"); reception fair-good. Clear reception here, as jamming still down on 5920. My audio at <http://goo.gl/yrh7X7>. Voice of Freedom (6045) additional info via <http://radio.chobi.net/DX/bbs/?res:2480#3171> :

"Hello! Ron-san.

Thank you very much for the very clear audio from California! This audio is VOF program "Hanminjog tong-illo milae-lo" exactly. Most of the recent VOF programs start with the following greetings. It is part of 00:14-00:19 of Ron-san's audio.

\*\*\* Korean reading, Starting greetings. "Bugghan dongpo, geuligo inmingun yeoleobun. Annyeonghasibnikka?"



\*\*\* In English, Starting greetings. "North Korean compatriots, and the People's Army. How are you?"

The following Youtube is Japanese TV news. You can see that "Hanminjog tong-illo milaelo" is being broadcast from the loudspeaker. It is the part of **01:01-01:07 on Youtube below**. [Interesting to see the rows of speakers they use at the DMZ for this program - Ron] <https://youtu.be/qgO-XKYFG9E> I also recorded the same sound at the same time as Ron-san. I upload a bit longer audio here. My audio at <http://radio.chobi.net/DX/bbs/img/3171.mp3>

My audio 00:30-01:38 // Ron-san's audio After 01:38, it is "Park Myung-Ho ga nolaehabnida. Hamkke haeb-wayo". [https://youtu.be/BYYcgAvsY\\_w](https://youtu.be/BYYcgAvsY_w) [singer is Park Myung Ho - Ron] Amano Saitama, Japan"  
(Ron Howard, Asilomar State Beach, CA, USA)

## Other radio news

### RECEIVER REVIEW: C CRANE SKYWAVE SSB --- by John Hammett

The C Crane company based in Fortuna, California, are well known in the USA for their quality portable radios and excellent customer service.

Even though my Tecsun PL-310ET is a nice little radio, I am always disappointed with its performance abroad on our holidays in QRM riddled hotels. Consequently, after reading numerous reviews, I had been toying with the idea of purchasing the original Skywave, they are available on eBay from numerous USA sellers for around £85 to £95 plus shipping and customs.



When I saw a new Skywave model was available, now including SSB, I bit the bullet and bought one direct from the manufacturer. It arrived only about a week after ordering and was extremely well packaged for shipping. On opening the box my first reaction was to think it was too small to live up to the good reviews, measuring only 3" x 4.75" x 1.1" (it easily fits inside the footprint of the PL310ET).

How wrong I was, this is one amazing little radio! It covers 520 to 1710 kHz on MW and 1711 to 29,999 kHz on SW. Also 76 to 108 MHz FM, 118 to 137 MHz Air Band and has seven American VHF Weather Emergency Channels!

It's very easy to operate, and the noise level is much lower than the Tecsun. But where the Skywave excels is with its filters, especially on SSB, which for a keen MW DXer like myself is crucial. The filters on SSB are 4, 3, 2.2, 1.2, 1 & 0.5 kHz. On AM they are 6, 4, 3, 2 & 1 kHz.

On the second evening after it arrived here, I was tuning the Skywave on MW downstairs in the lounge where the local QRM is at its worst. To my amazement in USB mode I could hear CFRB, Toronto, Ontario on 1010 kHz at a readable 222 signal, a distance of 3,410 miles from Barnstaple, not bad for a 4" ferrite aerial! I could only hear noise on the Tecsun. Upstairs in the listening post this little radio is now sitting proudly beside the AOR 7030, and is coupled to the Quantum QX loop, I'm having some more good results with that combination. My normal spare, the CommRadio CR-1A, is now relegated to the bottom shelf!

Also included with the Skywave SSB is an instruction manual, good quality C Crane earbuds and a clip-on reel antenna for SW (there isn't a jack for an external antenna). The Skywave is powered by 2 x AA batteries, which can be recharged in-situ. The SW antenna extends to 21".

C Crane operate a 60 day satisfaction return policy and a 12 month full guarantee. My only gripe (so far) is the price! The grand total was around £131, of which £21 went to HM Customs and £8 to Royal Mail. Quality certainly doesn't come cheap (April BDXC-UK Communication via DXLD)