

SHORTWAVE BULLETIN

Issue no. 1929, July 28, 2019.

Deadline e-mail next issue: 0800 UTC, Aug 11, 2019.

Time is moving on very fast. In a few days it is August and vacation are over for a lot of people.

It seems there has been a lot of activity behind the dial despite very hot weather. We have had several days with temperatures just above 30° C, which is quite unusual down here.

In this issue we can share with you a very rare verification from Radio San José which still seems to transmit on 5585 kHz.

Henrik Klemetz has sent an interesting book review of Don Moore's book "Following Ghosts in Northern Peru". Don Moore also has a very informative website with lots of information from his travel all over in Latin America. Please visit Patepluma Radio - www.pateplumara-dio.com/

I also found an interesting website from Hungary showing lots of unknown (at least for me) communication receivers and other equipment. Please take a look at their VIRTUÁLIS RÁDIÓMŰZEUM.

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.

Ullmar Qvick. Recent QSLs: **KBS World, Seoul** 9515 kHz, card and schedule, **CRI Urumqi**, 15590 khz, e-card **AWR TrincomaIee**, 9740 and 15605 kHz, cards from Thai office, **DLØIGI beacon**, 28205 kHz, card and e-letter, **NHK World via Issoudun**, 15290 kHz, card and postcard, **CRI Kashi-Saibagh**, 13670 kHz e-card, **Radio Farda via Woofferton** 12005 kHz e-card, **VOA via Botswana** 15580 kHz e-card. **Bible voice via Moosbrunn** 9810 kHz, cards and spiritual booklet

Christer Brunström: The Overcomer (via Bulgaria) 11600 kHz QSL-card, newsletter, schedule. The first QSL addressed to me as Bro(ther).

Lennart Weirell. Två QSL att rapportera: Två QSL att rapportera: **R Scotland Int.** - 6269, k, b, d, 2 m, **Skyline R Int.** - 3975, e-k, 11 d.

Ullmar Qvick. New QSLs. **TWR India via Grigoriopol**, 12160, e-card and schedules from Guam. **CRI Urumqi-Hutubi**, 13650. Chinese pgm e-card.

Tore B Vik. Så har det skjedd - svar fra en kortbølgestasjon. **Fra R.San José, Chiquitos, Bolivia** - sender på 5585 - svar via FB.



Tore, congrats to this nice verification from a very seldom heard station! /TN

3260	Jul26	-1212*	NBC Madang (Maus Blong Garamut - Voice of Indigenous Drums). (Ron Howard, Asilomar State Beach, CA, USA)
3310	Jul24	0109	Radio Mosoj Chaski, Cotapachi, Quechua, comments. (Méndez)
3310	Jul25	2151	R.Mosoj Chaski, Cochabamba. Quechua, tks. 25331 (CGS)
3325	Jul26	-1200*	NBC Bougainville (Maus Blong Sankamap - Voice of the Sunrise), 1055-1200*. Poor reception; pop music; 1102, local news in English (not readable); DJ in Pidgin playing pop Pacific Islands songs; mentioned "Friday night." My poor quality audio at http://bit.ly/2LKnlYe . No VOI QRM (Ron Howard, Asilomar State Beach, CA, USA)
3975	Jul22	1925	Shortwaveradio, Winsen English ann, pop music (AP-DNK)
3985	Jul24	2030	Radio Belarus (via Shortwave Service in Germany). A 20-minute news magazine in French. 3 (CB)
3985	Jul22	1930	R Tirana via Shortwaveservice, Kall-Krekel German ID: "Shortwaveservice...3985 kHz", I/S, "Hier ist Tirana", ann, news (AP-DNK)
3995	Jul22	1935	HCJB, Weenermoor. German religious talk with organ in the background (AP-DNK)
4010.18	Jul20	0015	Birinchi R, Krasnaya Rechka Kyrgyz talk by man and woman (AP-DNK)
4055	Jul13	0508	Radio Verdad, Chiqimula, English, religious songs and comments. (Méndez)
4750	Jul22	1940	Bangladesh Betar, Shavar Bengali talk QRM terrible Hum (AP-DNK)
4750	Jul23	1030	Pictorial log for 23.7 via Jakarta Kiwi spot Short 60 m spectrogram for Jakarta on 1030+ today 23 with stations: 4750 Bandung , VoINs with pop song and then talks in Eng S9 ON 1040 with lessons of In'sian lang . Nothing found on 3325. It seems that VoI is now fully replacing the previous of 3325 that is still noticed in their announcements... (Zacharias Liangas via WOR)

Hi Zacharias, thanks for the very interesting remote Jakarta logs of July 23 ("23.7") Excellent on your VOI reception on 4750. Seems it can only be heard locally around Indonesia, so must be rather low power. I daily look for it, but frequency is covered by CNR1 and at times by Bangladesh Betar (still with their External Service), so I have never heard VOI there. On July 23, I noted on 3325, that NBC Bougainville went off the air at 1205*, leaving the usual carrier of the Voice of Indonesia, via RRI Palangkaraya, in the clear (yet another day with no audio at all that I could detect). BTW - Not long ago, I noted that VOI didn't start broadcasting till about 1100, during the time when Bougainville was off the air for quite a while.			
On July 26, found a rare day with some faint VOI audio; 1313-1317, with "Today in History," with musical bridges between items, but could only make out very little of the 1300-1400 English segment. So 4750, is just an additional VOI frequency.			
4885, is really Echo of Hope - VOH (South Korea) and // 3985 // 5995 // 6250 // 6350 // 9100. (Ron Howard, California via WOR)			
4765	Jul23	-0401*	Radio Progreso, La Habana, songs, "Finaliza, Perspectiva, una producción de Radio Progreso", news, "Boletín de Radio Progreso", "Radio Progreso, Cadena Nacional les ha ofrecido la programación de hoy", anthem and close. (Mendez)
4765	Jul20	0152	Radio Progreso is back on after missing at least one month, music at S9+30/40 but undermodulated (Glenn Hauser, OK)
4765	Jul26	0245	R Progreso, Bejucal Spanish talk (AP-DNK)
4765.06	Jul22	1945	Tajik R 1, Yangiyul Tajik ann, folksongs (AP-DNK)
4774.9	Jul24	0110	Radio Tarma, Tarma, comments. Very weak. (Méndez)
4775	Jul17	0455	Trans World Radio, Manzini, English, religious comments. (Méndez)
4800	Jul20	*0018-	AIR, Hyderabad Opening melody, 0020 "Vande Mataram" hymn, Hindi ID: "Yeh Akasvani Hyderabad", Indian song (AP-DNK)
4800	Jul19	2055	Voice of China, Golmud Chinese talk with music in background (AP-DNK)
4810	Jul20	*0023-	AIR, Bhopal Opening melody, 0025 "Vande Mataram" hymn, Urdu ID: "Yeh Akasvani Bhopal", ann, Indian string music (AP-DNK)
4840	Jul26	0250	WWCR, Nashville, TN English interview about a case (AP-DNK)
4875	Jul23	-0359*	Radiodifusora Roraima, Boavista, at 0357 anthem and close at 0359. (Méndez)
4875	Jul25	2142	R.Roraima, Boa Vista RR. Chatter, songs. 35343 (CGS)
4885	Jul22	1950	R Echo of Hope, via Taereung, South Korea Korean talk, music, interview // 5995 and 6250 jammed (AP-DNK)
4885	Jul13	2110	Radio Clube do Pará, Belém, soccer, live matches.. (Méndez)
4885	23/7	2107	R.Club do Pará, Belém PA. F/ball px. 25332 (CG)

4885.03	Jul22	2320	R Clube do Pará, Belém, PA, talk. QRM songs from R Echo of Hope (AP-DNK)
4905	Jul13	2140	Radio Relogio Federal, Rio de Janeiro, Brazilian songs. Very weak. (Méndez)
4910	Jul20	0030	AIR, Jaipur Hindi news // 4920 (AP-DNK)
4920	Jul20	0030	AIR, Chennai Hindi news (AP-DNK)
4925	Jul25	2144	R.Educação Rural, Tefé AM. Reg. nx. 35332 (CGS)
4930	Jul19	2050	VOA, Moepeng Hill in LSB English ann, Afro popsongs - QSB and AM was terribly destroyed by noise ! (AP-DNK)
4949.7	Jul18	0450	Radio Nacional de Angola, Mulenvos, comments, news. (Méndez)
4950	Jul20	0033	R Kashmir, Srinagar Kashmiri ann, local songs (AP-DNK)
4955	Jul14	2314	Radio Cultural Amauta, Huanta. Extremely weak, barely audible. (Méndez)
4960	Jul19	2045	VOA, Pinheira Hausa interview, Afro popmusic (AP-DNK)
4965	Jul25	1831	Voice Of Hope, Makeni Ranch. E, rlg. songs. // 6065 strgr. 45343 (CGS)
4970	Jul26		AIR Shillong, random checking July 26 during my morning (1200+), still no trace of this station, which has been silent for a long time now (Ron Howard, Asilomar State Beach, CA, USA)
4980	Jul20	0035	WRMI, Okeechobee, FL English conversation - extended schedule ! (AP-DNK)
4990	Jul13	0445	Radio Apintie, Paramaribo, pop songs. (Méndez)
4990	Jul25	2147	R.Apintie, Paramaribo. Pops. 25331 (CGS)
5005	Jul19	*0515-	Radio Nacional de Guinea Ecuatorial, Bata, *0516-0536, Jul19, songs, at 0530 Spanish, program "Panorama Nacional". Very weak. (Méndez)
5009.9	Jul13	2020	Radio Nasionaly Malagasy, Ambohidrano, Vernacular comments. (Méndez)
5010	Jul20	0040	AIR, Thiruvananthapuram Malayalam conversation, music (AP-DNK)
5020	Jul23	0725	Solomon Islands Broadcasting Corporation, Honiara, carrier detected, in Friol, LSB. No audio due to extremely weak signal. (Méndez)
5025	Jul26	0255	R Rebelde, Bauta. Talk about Cuba, ann, military song. CWQRM in LSB (AP-DNK)
5035	Jul25	2149	R.Educação Rural, Coari AM. Songs. 35332 (CGS)
5040	Jul26	0300	R Habana Cuba, Bauta I/S, two Spanish ID's, frequencies, Cuban song by choir (AP-DNK)
5085	Jul26	0305	WTWW, Lebanon, TN English talk, melody with piano (AP-DNK)
5130.40	Jul20	0055	WBCQ, Monticello, Maine English conversation about radiolistening: "We do great program selection here!" (AP-DNK)
5825	17.7	2050	OZ-Viola, Hillerød via Groundwave (t) music, too weak to identify language (AP-DNK)
5840	Jul13	2040	World Music Radio, Randers, pop songs, id. "World Music Radio, WMR..." (Méndez)
5840	Jul26	0310	World Music R, Randers English ID: "This is WMR, World Music Radio", English pop song: "The Sun go down", Spanish song (AP-DNK)
5895	Jul22	1955	R Northern Star, Bergen English ann, ID: "Radio Northern Star on 5895 kHz" (AP-DNK)
5905	Jul22	2000	Deutscher Wetterdienst, Pinneberg German weather observations and forecasts for nearby Sea areas // 6180 (QRM Arabic 6185) (AP-DNK)
5915	Jul23	1915	Zambia NBC, Radio 1, Lusaka, Vernacular comments. (Méndez)
5950	Jul23	0445	Voice of Tigray Revolution, East African songs. (Méndez)
5950	Jul26	0315	Voice of the Tigray Revolution, Addis Ababa Tigrinya ann, Horn of Africa music CWQRM in USB (AP-DNK)
5952.4	Jul14	2307	Radio Pio XII, Siglo XII, (presumend), extremely weak, carrier and some comments detected. (Méndez)
5970	Jul27	2027	VoA, BOT, F, mx px 2028 IS ID mixed to mx px. (TB)
5970	Jul27	2030	VoA, SAO, Hausa, IS ID tk ID tk jin ID. (TB)
5985	Jul26	2315	Paduk Myay Radio. Paduk Myay Radio aus Naypyidaw, Burma ist genau zum lokalen Sonnenaufgang gegen 23.15 UT auf 5985 kHz im 49-Meterband mit viel lokaler Musik zu hören. Und vielleicht gleich kurz vor 23.30 UT die beliebte Morgengymnastik, nur echt mit der Klavierbegleitung. (Christoph Ratzer)
5985	Jul26	1252	Myanmar Radio; language lesson in English and Burmese ("Learning English with BBC, Burmese"); fairly readable. My audio of some of the English at http://bit.ly/30ZvHgG . Program also heard at the same time last Friday (July 19) and same time on Wednesday (July 24). Not sure just what their complete schedule is? (Ron Howard, Asilomar State Beach, CA, USA)
5995	Jul20	0550	Radio Mali, Bamako, African songs, Vernacular, comments, at 0559 anthem, tuning music, id. "Vous écoutez L'Office de Radiodiffusion Television du Mali emettant de Bamako...", African songs and Vernacular comments. (Méndez)
5995	Jul16	2140	R.Mali, Kati. Tradit. songs. 55433 (CG)
6010	Jul13	0415	Radio Inconfidencia, Belo Horizonte, Brazilian songs. Very weak. (Méndez)
6015	Jul23	0349	Zambia Broadcasting Corporation, Dole, Swahili, comments. (Méndez)
6030	Jul23	1835	Radio Fana, Addis Ababa, East African songs. (Méndez)
6050	Jul14	2316	HCJB, Pichincha, Very nice Andean songs. (Méndez)
6050	Jul15	0630	ELWA Radio, Monrovia, religious comments, English. (Méndez)

6070	Jul24	0410	CFRX, Toronto, news, comments, advertisements. (Méndez)
6070	Jul26	0320	CFRX, Toronto English conversation (AP-DNK)
6080	Jul25	2140	R.Marumby, Curitiba PR. Rlgs. propag., songs. // 9515 rtd. 35343 34342 (CGS)
6085	Jul13	*0700-	Radio Mi Amigo International, Kall Krekel, English, id. "Radio Mi Amigo International", pop songs, comments. (Méndez)
6090	Jul26	0325	Voice of Amhara State, Geja Jewe Amharic ann, Horn of Africa songs (AP-DNK)
6090	Jul27	2037	R.Amhara, Amharic, tent tk ETH mx tk ETH mx 2055 star CHN QRM. (TB)
6110	Jul23	0446	Radio Fana, Addis Ababa, East African songs. (Méndez)
6115	Jul23	1820	Radio Congo, Brazzaville, French, comments, music.. (Méndez)
6170	Jul13	1840	R.NZi, Rangitaiki. E, tks. 25331 (CG)
6185	Jul24	0350	Radio Educación, Ciudad de México, comments, Mexican songs. (Méndez)
6185	Jul26	0330	R Educación, Ciudad México Spanish ann, Mexican song by two men (AP-DNK)
6190	Jul13	*0609-	Hamburger LokalRadio, Goheren, English, "Media Network Plus" and at 0639 Glenn Hauser's program "World of Radio", at 0710 German. (Méndez)
6210.2	Jul23	-1809*	Radio Kahuzi, Bukavu, religious songs, Vernacular comments. Very weak. (Méndez)
6250	Jul15	2044	R.Echo Of Hope (cland.), Nowon-gu. Kor to KRE, tks, mx. 35332 (CG)
6520	Jul23	2104	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 25331 (CG)
7180	Jul13	1701	Voice of Broad Masses, Asmara, Vernacular comments. (Méndez)
7205	Jul24	0425	Sudan Radio, Al Aitahab, Arabic, comments. 25322. (Méndez)
7205	Jul26	0335	R Omdurman, Al-Fatihab Arabic talk (AP-DNK)
7245	Jul27	1715	Voice of Tajik, Dushanbe , Persian pgm until 1800, nice music and poetry reading. Good. (UQ)
7254.94	Jul15	0551	VON with a ballad in English, ``I'm not afraid ---`` something, segment repeating at 0554, 0556 after pauses; 0557.5 cut to usual drumming and flutish IS, S9+20/30 (Glenn Hauser, OK)
7255	Jul27	1935	CRI, Tur, tent light mx (YL tk) CHN mx. (TB)
7310	Jul13	*1000-	Radio Mi Amigo International, Kall Krekel, English, pop songs, comments, id. "Radio Mi Amigo". (Méndez)
7370	Jul27	1922	VOIRI, I, IS ID NA HQR light guitar mx ID tk jin ID. (TB)
7379.24 1	Jul15	2222	RHC French auto-knocked way off frequency from 7380, S9+10; as happens sporadically here or below 15370 or 13740, presumably same transmitter (Glenn Hauser, OK)
7505v	Jul26	-0401*	WRNO, after being in English, cut off in mid-sentence at 0401* (Ron Howard, Asilomar State Beach, CA, USA)
7510	Jul16	1730	FEBA /IBRA via Gavar strong in Silte, Ethiopian language with fine Africa's horn music. (UQ)
9480	Jul27	2007	NHK R.Japan, J, tent OM tk (mx) YL tk id? in tk. (TB)
9505	Jul12	1640	Voice of Africa, Al Aitahab, , French, id. "LaVoix de L'Afrique", comments, East African songs. Strong QRM on 9500. (Méndez)
9510	Jul19	*0759-	Radio City via IRRS/Nexus, Saftica, tuning music, id. "IRRS in Milano signing on", "Radio City the station of the cars, Radio Ciudad, la estación de los coches", English, comments, pop songs. (Méndez)
9545	Jul23	0418	Solomon Islands Broadcasting Corportion, Honiara, only very weak carrier detected on USB in Friol. (Méndez)
9545	Jul26	-0459*	SIBC - the Voice of the Nation, cut off after a pop song (0459:23*). Day by day the reception here has been slowly improving, but not yet readable. My audio at http://bit.ly/2LLLgoT (Ron Howard, Asilomar State Beach, CA, USA)
9580	Jul18	1600	AWR via Trincomalee in English. C/d 1628.Fair to good (UQ)
9630.4	Jul15	2028	Radio Aparecida, Aparecida, religious comments, "Santuario Nacional". (Méndez)
9635	Jul26	1214	R.Mali, Kati. Tradit. songs, nx in F at 1300. 35443 (CGS)
9665.1	Jul17	1940	Voz Missionaria, Camboriú, religious songs. (Méndez)
9665.1	Jul25	1834	R.Voz Missionária, Camboriú SC. Rlgs. propag. Adj. QRM. 24342 (CGS)
9665.11	Jul27	0046	Brazuguese, so as I suspected from previous JBA carrier log, it is indeed Voz Missionária varied up to the plus side, after a long time well below 9665.0, and found once even below 9664.0 (Glenn Hauser, OK)
9818.3	Jul15	2027	Radio 9 de Julho, Sao Paulo, religious comments. (Méndez)
11735	Jul14	1758	Zanzibar Broadcasting Corporation, Dole, Swahili, at 1800 time signals, English, id. and news. Very weak. (Méndez)
11780	Jul23	2000	Radio Nacional da Amazonia, Brasilia, "Nacional informa", news. (Méndez)
11810	Jul22	2010	BBC World Service, via Ascension Island English News Hour: Report about Indian Space Launch to the Moon // ASC 12095 (AP-DNK)
11815	Jul13	0942	Radio Brasil Central, Goheren, Brazilian songs, comments. (Méndez)
11855.8	Jul15	2025	Radio Aparecida, Aparecida, religious comments, id. "Radio Aparecida". (Méndez)
11855.8	Jul26	1412	R.Aparecida. Mx px A Boa Música está no Ar. 15341 (CGS)
11895	Jul15	2024	Radio Boa Vontade, Porto Alegre, religious comments. (Méndez)

12160 Jul7 1445 TWR INDIA via Tashkent Punjabi pgm cd 1544, very good sigs (UQ)
 15445 Jul17 1800 NHK WORLD via Nauen in Japanese, pgm host presenting song groups. Weak. (UQ)
 15476 Jul11 1817 LRA 36, Radio Nacional Arcángel San Gabriel, Base Esperanza, Spanish, comments, songs.
 Very weak, best on USB. (Méndez)
 15805 Jul13 1620 World Music Radio, Randers, pop songs in English. (Méndez)

Pirate stations:

3975 Jul19 2112 Short Wave R, Winsen. E, pops, tks. 35332 (CG)
 5780 Jul25 1837 Harmony R - pir. E, songs. 35332 (CGS)
 5800 Jul15 2051 Rebel R - pir. Pops. 35433 (CG)
 6205 Jul20 0900 Laser Hot Hits (p) - pir. Tks, mx. 15341 (CG)
 6284.8 Jul26 2215 R.Technische Man - pir. Pops. ID via DX press. 35343 (CGS)
 6285 Jul21 2147 R.Black Bandit - pir. Du/E, pops, c&w, tks, s/off anns. at 2212, oldies. 35332 (CG)
 6285 Jul23 1816 Kennemer R. 1 - pir. E, pops, tks, thanking for rec. rpts. 35332 (CGS)
 6290 Jul17 2054 R.Black Bandit - pir. Du/E, mx, tks. 45343 (CG)
 6295 Jul18 2116 R.Black Bandit (?) - pir. Songs in Swe & Finn, Dutch folk mx. 45343 (CG)
 6295 Jul20 2131 R.Joey - pir. Pops. 45343 (CG)
 6305 Jul13 -2109* R.Black Bandit - pir. Du/E, Dutch songs, tks, s/off ann. Joke ID today as Triple L R.
 45353 (CG)
 6322.5 Jul13 1844- R.Pandora - pir. Mx, songs. ID via DX press. 15341 (CG)
 7725 Jul22 2131 Zeppelin R, Athínai - pir. Songs. 25342 (CG)
 11640 Jul17 2226- Mix R Int'l - pir. Pops. USB tx. ID via DX press. 25342 (CG)

Contributors to the log:

wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX	CG/(CGS), Carlos Gonçalves, Lissabon, Portugal
Glenn Hauser, Enid, OK, USA (also from WOR&DXLD)	CB, Christer Brunström, Halmstad. Sweden
Ron Howard, Asilomar State Beach, CA, USA	Méndez, Manuel Méndez, Lugo, Spain
AP-DNK, Anker Petersen, Skovlunde, Denmark	Zacharias Liangas via WOR
UQ, Ullmar Qvick, Norrköping, Sweden	Christoph Ratzer, Salzburg, Austria
	TB, Tomas Burian, Morava, Moravia

(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

AUSTRALIA. Passing along the news that Australia's **Radio 4KZ** plans to add a new frequency -- 2484 kHz from 6 pm to 6 am their time (UTC+10). See below from Al Kirton. Not sure of the timing.
 --Art Delibert via HCDX

South Africa. Sentech Shuts Meyerton Shortwave Site. Planned closure of the South African station comes after years of financial losses. More info at <https://www.radioworld.com/global/meyerton-shortwave-shuts>
 (Hans Johnson via WOR)

Other radio news

UNIVERSAL RADIO CATALOG 2019A

Received the new 120-page catalog with an update insert. Incredible amount of gear and publications for the SWL and ham. Chances are if you need something, Universal has it. It's nice to have a tangible catalog, but also online of course. Maybe you can request one. Contact into: <http://www.universal-radio.com> dx@universal-radio.com

651 Lakeview Plaza Blvd, #B, Worthington, OH 43085, 800-431-3939 orders and prices, 614-866-4267 information
 (Glenn Hauser, WORLD OF RADIO 1990, DX LISTENING DIGEST)

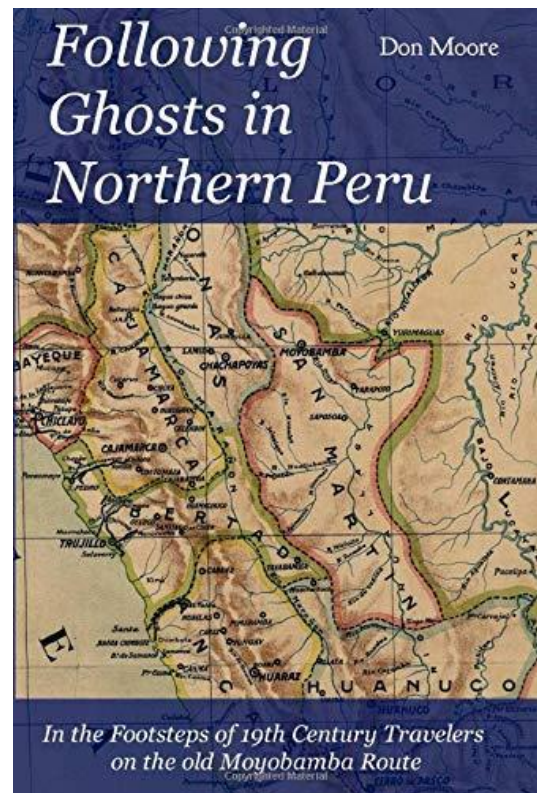
Book review: Don Moore, "Following Ghosts in Northern Peru".

Available in Kindle edition or paperback by Amazon.com

Before the completion of the Panama canal, many Peruvians and non-Peruvian explorers were looking for a suitable route by road, rail or boat in northern Peru to join the Pacific area of the country with the Atlantic by way of the Amazon. Don Moore, a former Peace Corps volunteer and DXer, has followed their route, digging up the fascinating background of the region's past bonanzas (rubber, sugar, cotton). The book explains how Chinese labor came to thrive in Peru under the leadership of the German businessman Ludwig G. Albrecht, known as Luis Albrecht, founder of Casa Grande, one the biggest sugar-cane businesses of the world. He also tells us how President Belaúnde's highway transformed an area whose inhabitants for decades had to rely on messages via small shortwave stations, creating an unparalleled communicational bonanza at least until 1990 when most of the area finally was covered by the phone and internet. There are neat portraits of Peruvians born in this area, such as the internationally renowned singer Yma Súmac, the politician Víctor Raúl Haya de la Torre, and the recently deceased former president Alan García. And much more.

As an added extra value to readers of this book is the author's internet gallery of pictures, maps, articles and sound files from various Andean countries. See www.donmooredxer.com/books/peru/cutervo.html

For roaming backpack DXers, there is an interesting article by Don Moore called "Radio Travel: A complete SDR station for superb portable DXing" at <https://swling.com/blog/tag/don-moore> (Henrik Klemetz)



PHASING CAPABILITY FROM AN SDR CAPTURE

If limited to live listening, the only advantage may be that "software phasing" could provide better tracking over a wider bandwidth than existing hardware phasers composed of inductors, capacitors, resistors, and transistors/IC's. The physical phaser might be set for a given delay or phase shift but that might not hold up as well (or amplitude / gain track as well) from 530 to 1710 kHz. Presumably if the software version is dialled up for a 90 ns delay and 2 dB gain delta antenna 1 versus 2, that relation will hold across the AM band. This would be most important with identical pattern and very similar gain antennas (e.g. two active whips or two same-orientation broadband loops) displaced a certain distance to form an array.

When you have antennas that are different in some way, a null that holds up over multiple octaves of frequency range is going to be hard to establish either with software or hardware phasing. Presumably software phasing could be crafted to apply a gain / delay curve readable from / storeable to a data file I suppose but that isn't likely to show up in the first iteration of the technology.

Even just having a diversity set-up without the phasing could be useful: you tune live or to a capture file and have Antenna 1 on the left headphone and 2 on the right ... or vice versa ... or mixed ... or just 1 to both headphones or 2 to both .. as selected from an on-screen menu. Listening to a crowded channel (e.g. graveyard) this way might help something pop to the surface that would otherwise be missed or ignored. The more different the two antennas, the "weirder" it gets.

Many years ago I did a similar thing in Billerica, MA by feeding two opposite ends of the same Flag antenna to two Drake R8A's set up on the same frequency, mode, and bandwidth. The audio outputs from those were patched into a PC running Total Recorder so the northeast pick-up went to the left channel and the southwest to the right. Frequencies were chosen that had two completely different stations dominating on one side of the antenna versus the other. 1230 had WESX (then Salem, MA) and WNEB (Worcester, MA). 1490 had WHAV (Haverhill, MA) and WMRC (Milford, MA). Before the 'chowdanet' domain got blown up, I had the demo mp3's online. Sometime I'll upload those somewhere else.

Any progress towards software phasing is good, especially with receivers that don't cost an arm and a leg. I do agree that after-the-fact phasing on capture files is the holy grail. Of course if it takes several days to go over the captures of a short DXpedition running one antenna input, just think how much more time you'll be spending per capture if you can rotate a null around the compass on each channel. Something to keep you busy well into when you are drooling into your soup at the nursing home (Mark Connelly, WA1ION South Yarmouth, MA, May 17, IRCA iog via DXLD)

Their technical documentation about phasing is not clear. But they do make references to tuner architecture which would be relevant to live DXing but not recorded files. That doesn't mean it won't work on recorded files but so far the evidence is not in favor of it working on recorded files. A shame. Off the top of my head, I don't recall anyone that does phasing on recorded files. Anyone know of someone that does it? (Chuck Hutton, May 18, IRCA iog via DXLD)

Definitely cheaper than this: <https://www.dxengineering.com/search/product-line/dx-engineering-ncc-2-receive-antenna-phasing-systems?autoview=SKU&sortby=Default&sortorder=Ascending>

Of course after-the-fact phasing and stereo 2-antenna diversity reception from capture files is still on most of our wish lists.

Moving the phasing from a box on the table to inside the radio is only slightly interesting if it still needs to happen in live listening (Mark Connelly, WA1ION, South Yarmouth, MA, *ibid.*)

Hi All, Regarding the month-old thread below which was about the capability of phasing a "dual" SDR capture coming from SDRplay's dual receiver, the RSPduo, I finally had some news. Taking the opportunity of today's v1.32 release of SDRUno, which now includes the "Diversity" mode, I went asking again on the SDRplay FB page if Diversity mode works on recorded files? The answer indeed was NO.

Andy from the development team at SDRplay wrote: - With the plugin API in 1.4 someone could write a plugin to do that, I would guess. I don't think we'll be making changes to the way the diversity system works - But he added minutes later: - Note that even if record the 2 streams, there is no way to play them back synchronously. There are no plans to be able to support that - Maybe a seed was planted, who knows? In the meantime, I apologize for the confusion and for any broken dream... (Sylvain Naud, *ibid.*)

Since I already have the Perseus and Elad, I am unlikely to spring for another SDR unless it offers:

- * basic spec's (sensitivity, selectivity, overload / spur immunity) at least as good as the above
- * two antenna phasing and left channel / right channel diversity audio recovery both live and on capture files
- * intuitive and flexible software including scheduling functions
- * must allow ≥ 1.6 MHz width captures covering full medium wave band and (hopefully) an adjacent segment higher or lower: e.g. 150-1750 kHz (LW + MW), 450-2050 kHz (MW + 160m)
- * coverage above 30 MHz, e.g. through FM band or 2m ham, nice but not necessary
- * helpful if there are versions that work with Windows 7 and up, Apple OS's, Linux et al.
- * remote operation over web desirable though not mandatory; for placement flexibility it should operate via Wifi rather than Ethernet hard-wire to router
- * good manufacturer hardware and software support; helpful user groups
- * price under \$2K US.

(Mark Connelly, WA1ION, South Yarmouth, MA, *ibid.*)

VIRTUÁLIS RÁDIÓMÚZEUM



Communication receiver R1251

Country: Hungary
Manufacturer Name: Mechanical Laboratory, Budapest
Year (s) of manufacture: 1964-1965
Wave bands: 1.5 - 30 MHz in 6 steps
Tubes: 13
Size: 618x338x515 mm, Weight: 54 kg

Power supply:
Tubes in power supply: 5
Size: 280x225x410 mm, Weight: 22 kg

From <http://www.radiomuseum.hu/>

To view all communication receivers in the museum, see <http://www.radiomuseum.hu/katradiok.html>

VERDICT ON W6LVP LOOP ANTENNA --- IT IS WORTH IT!

Gilles Letourneau, CIDX's World of Utilities column editor, and active YouTuber on his OfficialSWLChannel <https://www.youtube.com/user/OfficialSWLchannel> recently acquired the W6LVP amplified receive-only magnetic loop antenna. After experimenting with the loop Gilles prepared this video presenting his observations and evaluation of the antenna. Be sure to check out the hundreds of other shortwave related videos that Gilles has available on his YouTube channel

YouTube Video of the Month: <https://www.youtube.com/watch?v=eHxzalorZ4Y>

CIDX's Gilles Letourneau's review and observations on the antenna which he recently purchased. The following information comes from the W6LVP webpage at <https://www.w6lvp.com/>

W6LVP Amplified Receive-Only Magnetic Loop Antenna – With T/R Switch

ABOUT THE PRODUCT

The Wellbrook Model ALA1530LN-2 and DX Engineering (Pixel/Inlogis) Model RF PRO-1B magnetic loops are both good amplified receive antennas. However, they are both expensive and difficult to connect to a transceiver lacking a separate receive-antenna input. At \$345 and including transmit/receive switch, the W6LVP loop addresses both of these issues. Shipping the Wellbrook antenna from the UK to the US adds another \$100.

Extensive side-by-side testing of the Wellbrook, DX Engineering, and W6LVP receive loops was compiled using simultaneous WSPR signal-to-noise reception reports on all LF, MF, and HF amateur bands. In addition, extensive laboratory bench tests were also performed. In both test regimens, all three antennas performed very well and without significant difference. The W6LVP loop antenna system at \$345 including a transmit/receive antenna switch is the best value.

If your rig has a separate receive antenna input, check out my antenna for you. If you live in the shadow of one or more powerful AM broadcast transmitters, contact me for information on a solution for you. Please reach out to me via CONTACT with any questions. W6LVP amplified receive-only magnetic loop antenna (boy is that mouthful):



- The W6LVP mag loop is a complete receive antenna system delivering top-of-the-line performance to amateur radio operators and SWLs. Particularly for those with space and/or budget limitations. It is a great complement to small vertical or wire transmit antennas. You have a knob to turn up the power but don't have one to turn up the received S/N.
- Ten foot circumference (approximately 1 meter diameter) loop. Small size yields a natural stealth for HOA challenges. The loop is rigid enough to maintain its shape but flexible for portable transport or attic installation.
- Includes a low-noise, broadband amplifier covering 2200 (135 kHz) through 10 meters (30 MHz) with no tuning or adjustment. Great for contesters to quickly check all bands. Greater coverage is possible at reduced performance.
- Light-weight antenna support fabricated from furniture-grade PVC yields a strong but very light antenna weighing only 2 pounds (not including transmit/receive switch or power adapter). Great for both portable/camping as well as fixed installations. Light weight and small size make for lower shipping cost – particularly compared to shipping from the UK.
- The W6LVP mag loop includes a combination transmit/receive antenna switch and power inserter for the loop amplifier which enables a receive antenna to be easily used with transceivers, such as the popular Icom IC-7300, lacking a separate receive antenna input. The W6LVP loop is equally friendly with receivers or transceivers with receive antenna inputs. The transmit/receive switch supports up to 100 watts transmit power but also works with a separate high-power amplifier.
- Directly compatible with a low-cost speaker tripod stand (not included) for portable operation.
- Compatible with light-duty rotator (recommended) for fixed operation. Loop can be rotated to null interference by up to 30 dB or enhance desired signals.
- Includes low-noise linear power adapter to generate clean 12 volts for the transmit/receive switch and loop amplifier. Unlike the DX Engineering antenna which requires 24 VAC, power can be easily supplied by 12 volt batteries during portable operation.
- The W6LVP mag loop transmit/receive switch does not support QSK. I have received many requests for suggestions on which type of coaxial cable to use to connect the loop to the power inserter or T/R switch. When connecting a transmitter to an antenna, cable loss is very important. For connecting a receiver to a receive antenna, common mode pickup on the coaxial cable shield can add unwanted signals and noise. RG-11 is probably best but is a bit more expensive and stiffer. Quad-shield RG-6, which is designed for cable and satellite TV, works nearly as well but is normally sold with F connectors. Either of these cables can be purchased from MPD Digital in custom lengths with male BNC connectors installed. <https://usacoax.com>

Due to popular demand, free shipping to USA and Canada has been extended. Magnetic loop receive antennas are a great weapon in the fight against natural and man-made noise. W6LVP loops cover 2200 through 10 meters (135 kHz through 30 MHz) with no tuning or adjustment. The Small 3 foot diameter loop is naturally stealthy for HOA challenges and a perfect complement for vertical and small wire transmit antennas. If your transceiver has a separate receive antenna input or you will be using the loop with a receiver, the version with power inserter is for you. For transceivers without a receive antenna input, the version with transmit/receive switch lets you connect to the receive loop and your transmit antenna.

Contact me for specials and components. The W6LVP magnetic loop antenna and the KiwiSDR Internet connected SDR receiver are a perfect pairing (via July CIDX Messenger via DXLD)

Mike's expanding collection of SDRplay tutorial videos

Besides making great receivers, one of the things I love about SDRplay is their focus on providing user documentation and tutorials. We've mentioned before that SDRplay's Mike Ladd (KD2KOG) actively creates tutorial videos exploring a number of SDRplay topics. To date, he's produced over 20 videos—!

More info at:

<https://swling.com/blog/2019/07/mikes-expanding-collection-of-sdrplay-tutorial-videos/>

(From the SWLing Post)



QSL from Radio Apintie



Radio Apintie

Verlengde Gemenelandsweg 37
PARAMARIBO – SURINAME

I found a nice QSL on the web dated 1981 from R Apintie sent to Anker Petersen. I don't know if R Apintie verifies nowadays. Often heard on 4990 kHz. /TN

Paramaribo, October 20th, 1981.

Mr. Anker Petersen,
Udbyvej 11,
DK - 2740 Skovlunde,
Denemarken.

QSL from Emisora de Radiodifusao de Timor

John Ekwall sent this nice QSL from a very seldom heard country, Timor. Radio Dili on 3268 kHz verified a report from Yngve Mattson in 1966.

(John, thanks a lot for sharing this nice QSL with us. /TN)



Dili, November, 9, 1966

Dear Sir,

Confirming your reception report on the 18th and 22nd of October
1966 from 14.28/14.04 to 14.37/14.28 @ ME, on 5268 Kcs 91,78 m.

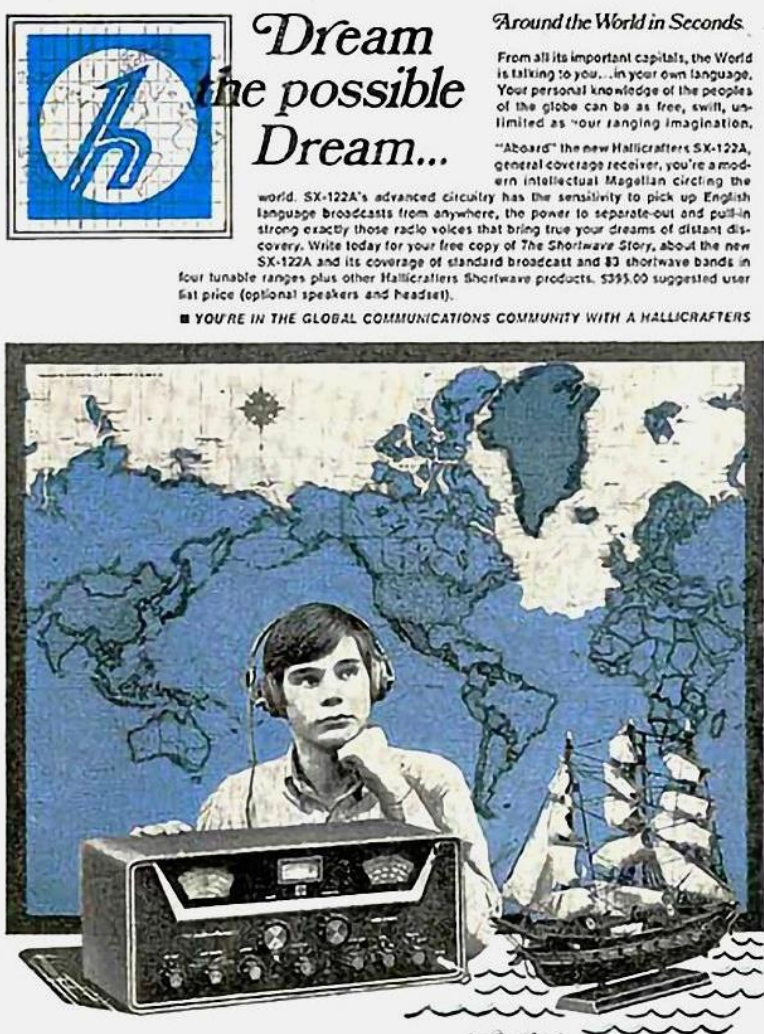
Many thanks for your reception report.

Yours Faithfully

Emissora de Radiodifusão de Timor

[Handwritten signature]
Director

Christoph Ratzer found this nice advertisement from 1969 for the Hallicrafters SX-122



Dream the possible Dream...

Around the World in Seconds.

From all its important capitals, the World is talking to you... in your own language. Your personal knowledge of the peoples of the globe can be as free, swift, unlimited as your ranging imagination.

"Aboard" the new Hallicrafters SX-122A, general coverage receiver, you're a modern intellectual Magellan circling the world. SX-122A's advanced circuitry has the sensitivity to pick up English language broadcasts from anywhere, the power to separate-out and pull-in strong exactly those radio voices that bring true your dreams of distant discovery. Write today for your free copy of *The Shorlwave Story*, about the new SX-122A and its coverage of standard broadcast and 83 shorlwave bands in four tunable ranges plus other Hallicrafters Shorlwave products. \$395.00 suggested user list price (optional speakers and headset).

■ YOU'RE IN THE GLOBAL COMMUNICATIONS COMMUNITY WITH A HALLICRAFTERS

the hallicrafters co.
A Subsidiary of Northland Corporation
100 HICKS ROAD
ROLLING MEADOWS, ILLINOIS 60008
CIRCLE NO. 21 ON READER SERVICE PAGE

August, 1969

23

(from A-DX Fernempfang, Christoph – thanks. /TN)

DX nostalgia

When we started DX-ing we didn't do it to make money. But somehow it seems like certain old QSLs can fetch considerable sums on eBay. At least when you have at least two bidders who are desperately trying to get a specific item. \$1,195 may seem quite an extraordinary price although this is indeed a very beautiful QSL card. Wonder if the winner actually paid for it....?



QSL Radio Dakar Senegal French Africa Afrique

Item condition: --

Ended: Sep 11, 2016, 1:03PM

Winning bid: **US \$1,195.00** [37 bids]

Shipping: **FREE** Standard Shipping | [See details](#)
International items may be subject to customs processing and additional charges. ⓘ
Item location: Gothenburg, Sweden
Ships to: Worldwide

Delivery: **Estimated within 8-13 business days** ⓘ
Please allow additional time if international delivery is subject to customs processing.

Payments: [PayPal](#) [VISA](#) [MasterCard](#) [American Express](#) [Discover](#)

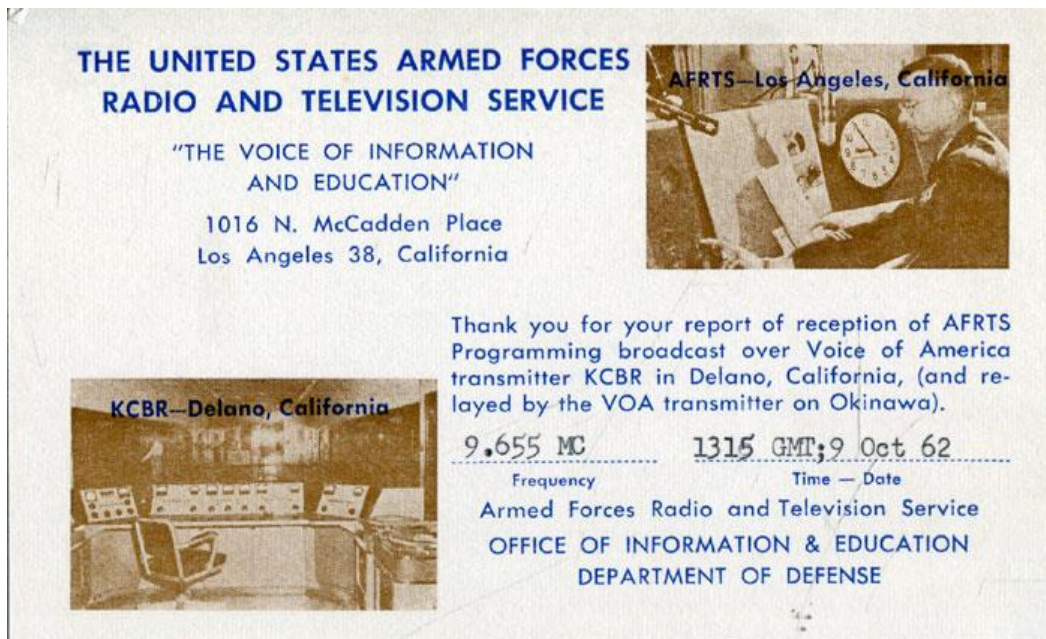
Credit Cards processed by PayPal

PayPal CREDIT

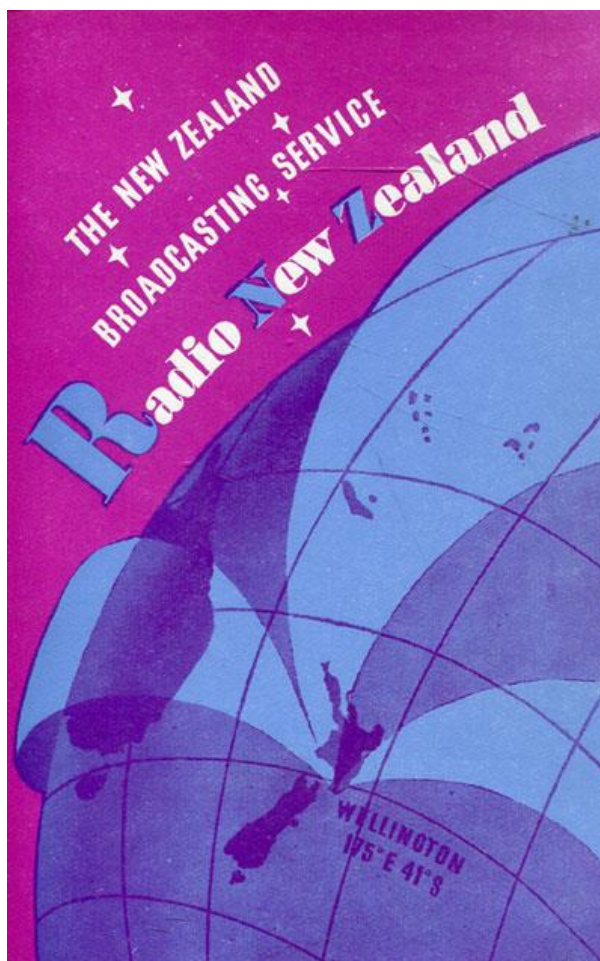
The QSL card from Radio Americas, Swan Island is also reported to have gone quite high on eBay. Lars-Olof Hansson LOH received this card in 1963 for a report of the SW transmitter on 6000 kHz. According to the QSL this transmitter was a 7.5 kW RCA feeding a full-wave dipole.



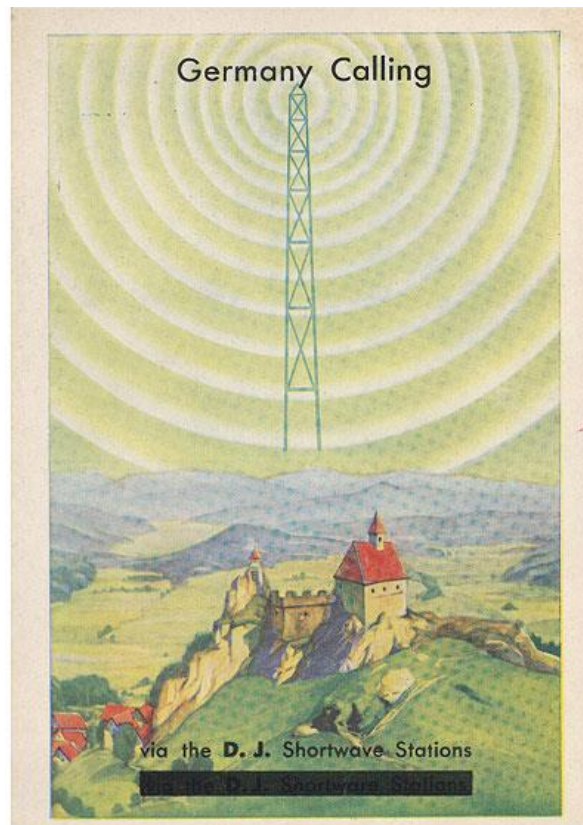
Another QSL from the collection of Lars-Olof Hansson. AFRTS was a station often heard on SW from various locations and this card verifies a report by LOH from 1962 for a transmission over KCBR Delano in California.



A nice old QSL which LOH received for a report of Radio New Zealand taken in January 1963.



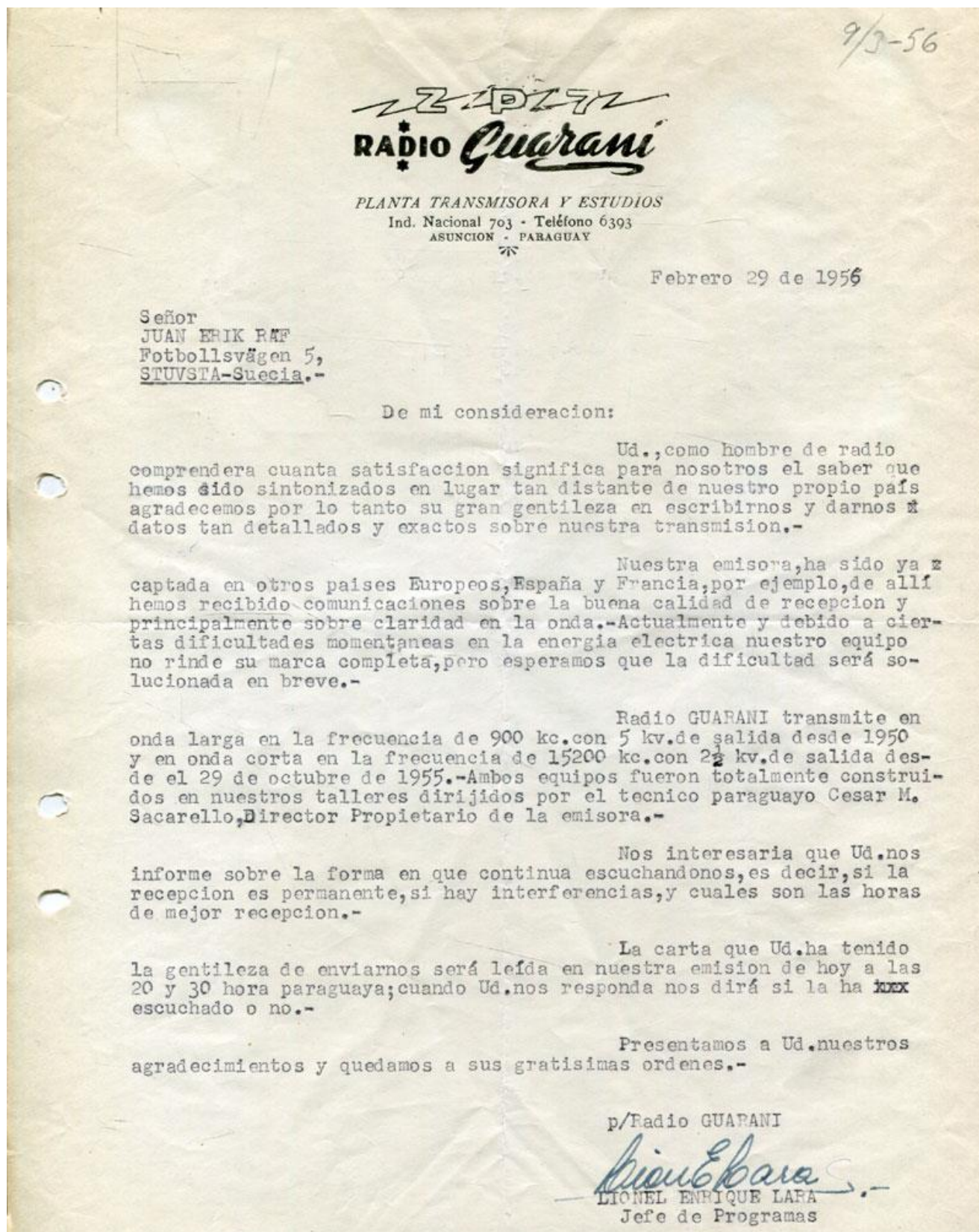
If you are interested in viewing old QSL cards you should definitely check out the CPRV Gallery of the Committee to Preserve Radio Verifications on <http://www.ontheshortwaves.com/cprv-gallery.html> Here is an example of what you will find there. A QSL from Deutscher Kurzwellensender from 1938.



Ah, those days before there was email and you could pick up gems like this from your letterbox. When Tore Larsson TL reported Radio Bocono in 1965 their SW frequency was 5010 kHz.



Finally a QSL letter from Radio Guarani in Paraguay. Our old friend "Juan" Erik Räf JER received this letter in 1956. The station was then active on SW 15200 kHz using a power of 2,5 kW.



(Ronny, thanks a lot for all work with the DX Nostalgia section. /TN)