

SHORTWAVE BULLETIN

Issue no. 1980, July 11, 2021

Deadline e-mail next issue: 0800 UTC, July 25, 2021

Tomorrow starts the vacation for a lot of employees in the production industry and other business. Due to the pandemic a lot of countries still have restrictions and most people will stay within Sweden, so most of the wellknown resorts will be crowded, just like last summer.

In this issue we have as usual a huge log and it seems that most of the reporters tend to listen to the same stations. It is very clear that a lot of stations disappear each year.

Unfortunately it seems that also MW will be affected quite hard the coming years. Maybe we all end up listening to stations through Internet – good quality and a huge amount of stations to choose from.

As usual we can look back to the old days by watching the nice verifications presented by Ronny Forslund in the DX Nostalgia column. Enjoy!

Keep on

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SWB-info

SWB on HCDX:

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

Dateline Bogotá 1993-1998:

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

SWB latest issue/archive:

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

QSL, comments, etc.

GLENN HAUSER LOG ROUNDUPS

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

The latest ones direct:

https://www.w4uvh.net/ghlogs_2021_0701_0707.txt

https://www.w4uvh.net/ghlogs_2021_0624_0630.txt

https://www.w4uvh.net/ghlogs_2021_0617_0623.txt

(73, Glenn Hauser)

Manuel Méndez. 9670. Radio Six International via Rohrbach, received eQSL in two hours. Reception report sent to: tony@radiosix.com

Ronny Forslund: Dags igen för några nostalgisidor. Det har inte blivit mycket lyssnat men nu ska väl snart MV-säsongen ta sin början. Mellanvågen är nog roligast nu med tanke på hur litet som finns kvar att lyssna på när det gäller kortvåg. Senast jag var i lyssnartorpet satt jag förresten och lyssnade en del på en gammal "långsoffa" som jag köpte efter den bortgångne DX-aren Håkan Johansson i Delsbo och kunde faktiskt höra en hel del svaga kortvågsstationer med god kvalitet, bland annat en hel del pirater. Mottagaren har bandspridning på några kortvågsband och i dessa lägen är ljudet helt suveränt. Det var med en sådan mottagare mitt lyssnande en gång startade på 50-talet, långt innan jag visste vad DX-ing var.... Då handlade det mest om att hitta bra musik.

Eddystone 830/7



As usual we need a picture of an old communications receiver, this time the **Eddystone 830/7**. It was a General Coverage Communications Receiver made in England 1969-1973. Coverage: 0,3 - 30 MHz. Double Conversion Superheterodyne with 15 tubes plus semiconductors.

2598u	Jul7	0010	VON St. John's Newfoundland wx information with good signal (Wilkner)
3310	Jul2	0110	R Mosoj Chaski, Cotapachi Quechua talk (AP-DNK)
3310	Jul1	2328	Radio Mosoj Chaski, Cotapachi, Quechua, comments. (Méndez)
3310	Jul3	2209	R.Mosoj Chaski, Cochabamba. Quechua, interview. 35342 (CGS)
3310	Jul8	2335	Radio Mosoj Chaski, Cochabamba into music 2347, brief talk in Quechua, y1 brief talk on the hour, to 0010 with om and y1 in conversation. weak, alas steady signal (Wilkner)
3330u	Jul8	0010	CHU with time, good signal (Wilkner)
3910	Jun29	1841	Voice Of The People (cland.), Goyang?? Tks. Jammed. 24331 (CGS)
3911	Jul5	1048	V of the People, threshold level (XM)
3915	Jul4	2215	BBC, Kranji relay. WS in E to SEAs, nx. 35343 (CGS)
3930	Jun28	2033	Voice Of The People (cland.), Goyang?? Tks. 15341 (CGS)
3945	Jul9	0920	R. Vanuatu, Vanuatu, Port Vila; male and female talks. Very poor, fady (LOB).
3955	Jul6	1820	Channel 292, Rohrbach German talk about exotic radio amateur stations (AP-DNK)
3955	Jul3	2113	Channel 292, Rohrdorf. E, tks, pops. 35343 (CGS)
3975	Jul6	1830	Shortwaveradio, Winsen English ann, English pop songs (AP-DNK)
3975	Jun30	2133	Short Wave R, Winsen. Pops. 35343 (CGS)
3985	Jul6	1835	R Belarus, via Shortwaveservice, Kall-Krekel French talk about Belarus (AP-DNK)
3985	Jul1	2044	R.Bielorussia via Shortwave Sce., Kall-Krekel. G, songs, tks. QRM de KOR? 34342 (CGS)
3995	Jul6	1840	HCJB, Weenermoor German religious talk, German hymns by choir (AP-DNK)
3995	Jul4	2218	HCJB, Weenermoor. E, rlg. propag., mx. 35332 (CGS)
4750	Jul6	-1900*	Bangladesh Betar, Shavar English ann, English pop songs, E-mail address (AP-DNK)
4750	Jun27	1756	Bangladesh Betar, Shavar. Tks, Koranic chanting at 1805, more tks, Hindustani songs. Improving. 25331 (CGS)
4752	Jul7	2357	R. Huanta 2000, Huanta; local music selections, ID by female, ads "representaciones... documentos particulares... passaportes... reducciones, restauraciones". Poor to fair (LOB).
4765	Jul2	0125	R Progreso, Bejucal Spanish talk, Cuban songs (AP-DNK)
4765	Jul6	1910	Tajik R 1, Yangiyul Tajik conversation (AP-DNK)
4765	Jul4	-2000*	Tajik Radio, Dushanbe, Tajik music. Extremely weak, best on LSB. (Méndez)
4765	Jun30	0120	Radio Progreso, Bejucal, Cuban songs, comments. (Méndez)
4774.9	Jul5	1039	Radio Tarma, very poor, just slightly above threshold, usually somewhat better here local evenings (XM)
4775	Jul5	2330	Radio Tarma. Tarma with om partial ID, ments de Tarma, brief music bridge to 2345, some local thunder (Wilkner)
4775	Jul7	0130	Radio Tarma, Tarma, has being heard lately strong and clear here in the Northwest of Spain when propagation is good. Past night, at about 0130, Radio Tarma could be heard stronger and more clear than Radio Progreso on 4765. (Méndez)
4840	Jul2	0130	WWCR, Nashville, TN English religious talk (AP-DNK)
4840	Jul2	0816	WWCR, Nashville TN. E, shouting preacher. F/out 0850. 25421 (CGS)
4880	Jul1	1844	R.Echo of Hope (cland.) (p), Nowong-gu. Tks, no ID of language. 25231 (CGS)
4885	Jul6	1925	Echo of Hope, via Taereung, South Korea Korean talk and conversation (AP-DNK)
4885	Jul4	0502	Radio Clube do Pará, Belém, musical program "Clube da Madrugada". (Méndez)
4885	Jul2	0818	R.Club do Pará, Belém. Tks on f/ball. F/out 0835. 15341 (CGS)
4885	Jul5	2320	Radio Clube do Pará, Belém, PA with om chat, into music with good signal, 2347 ments de Brasil and possibly one ID (Wilkner)
4885.06	Jul2	0135	R Clube do Pará, Belem, PA Portuguese talk (AP-DNK)
4900	Jul5	1025	V of the Strait, Amoy, suspected, threshold level signal, possibly reactivated July 5, not hd July 8 (XM)
4920	Jul1	2105	Xizang PBS, Baiding, Tibet Tibetan conversation with local songs // 4905 (AP-DNK)
4930	Jul6	1930	VOA Africa Service, via Moepeng Hill, talk about COVID 19 vaccinations (AP-DNK)
4940	Jul4	0452	Religious Station, religious comments, songs "Llaneras", at 0508 "Esta es tu Historia Preferida", program "Tu Historia Preferida". (Méndez)
4940	Jul5	1022	V of the Strait, Fuzhou, suspected, M in talk, very poor, possibly reactivated July 5 (XM)
4955	Jul5	0100	Cultural Amauta Huanta weak signal, fading ... (Wilkner)
4965	Jun30	2025	Voice of Hope Africa, Lusaka, English, religious comments. // 6065. (Méndez)
4965	Jun29	1837	Voice Of Hope, Makeni Ranch. E, rlg. propag. // 6065 a lot better, rtd. 55444. 35332 (CGS)
4980	Jul3	0645	WRMI, from 0645+. Poor audio; dead air from xmtr 4, with audio cutting on and off. BTW - No Radio Vanuatu on July 3, from 0530+; checking on their known frequencies. Continues to broadcast erratically! (Ron Howard, California)

4980	Jul8	1050	R Miami Intl, 1050, in apparent test broadcast, very poor signal, I suspect I am only getting the ground wave (XM)
4990			Persistent carrier here most evenings and mornings local time, I do not think it is Hunan PBS, possibly a ute (XM)
5009.9	Jul1	1846	R.TV Madagasikara, Ambohidrano. Songs. 25341 (CGS)
5010	Jul2	0140	WRMI, Okeechobee, FL English ann, songs (AP-DNK)
5020	Jul8	1046	SIBC suspected, only a carrier (XM)
5025	Jul2	0145	R Rebelde, Bauta Spanish talk (AP-DNK)
5025	Jul10	0557	R. Rebelde is S9+20/30 but undermodulated. Tuning up to 5040 for RHC I can't read the meter before it cuts off at 0557.5*. Something's always wrong at RadioCuba (Glenn Hauser, OK, WOR)
5025	Jul9	2209	R. Quillabamba, Peru, Cusco; ads by male "amigo agricultor..." female "tengan ustedes buenas tardes...Radio Quillabamba...", local music. Poor to fair (LOB).
5040	Jul2	0150	R Habana Cuba, Bauta Spanish interview (AP-DNK)
5085	Jul2	0155	WTWW, Lebanon, TN English ann, hymns (AP-DNK)
5085	Jul3	0550	WTWW. Played the "Tie Me Kangaroo Down Sport" song by Rolf Harris. Had always thought this song was rather a fun one, until years ago Ian pointed out to me that the song had become somewhat taboo in Australia, due to Harris having been found guilty on June 30, 2014, of 12 counts of indecent assault (sexual crimes against underage girls). Later one of the 12 indecent assault convictions was overturned by a Court of Appeal. Harris served three years in prison. (Ron Howard, California)
5850	Jul4	0030	Radio Slovakia International (via WRMI Okeechobee, FL) at 0030 // 7780 (Very Good via WRMI Okeechobee, FL) with Martina Šimkovičová hosting "The Saturday Front Page" review of the week's news stories – Very Good (Coady-ON)
5895	Jul1	2010	Radio Northern Star, Bergen, pop songs in English. (Méndez)
5915	Jul4	0438	Zambia NBC, Radio 1, Lusaka, Vernacular comments. (Méndez)
5915	Jul4	1901	ZNBC-R. 1, Lusaka. Vn, tks. Adj. QRM. 23341 (CGS)
5930	Jul3	1410	World Music R, Bramming English ID, French pop songs CWQRM in LSB (AP-DNK)
5930	Jul2	2031	World Music Radio, Bramming. ID in Spanish. 3 (CB)
5930	Jul4	0435	World Music Radio, Brammingpop songs, id. "World Music Radio". (Méndez)
5939.2	Jul2	2034	R.Voz Missionária. Rlgs. propag., mx background. 45433 (CGS)
5939.7	Jul5	2335	Voz Missionaria, Camboriu with PT yl, some fading, weak signal noted till 2355 (Wilkner)
5965	Jun30	1311	First day back to alternate frequencies of 5965 // 7295, Shiokaze/Sea Breeze, via Yamata (Japan). June 30 (Wednesday), from tune in at 1311 to 1400* UT. Confirming the new schedule for English (ex: Thursday). Yes, 1300-1400 is now in English every Wednesday with "Today's News Flash" and "Today's News on North Korea Issues" and at 1324 the segment "Message from the Japanese government," mentioning both "Nippon no Kaze" and "Furusato no Kaze"; fair and both unjammed on the first day on these new frequencies. Ex: 5935 // 6040, both still being jammed by N. Korea. Full schedule via Hiroshi (Japan) JSR Shiokaze, June 30, 2021: 1300-1400: 5965 // 7295, 1405-1435: 5920// 6070, 1600-1700: 5920 // 6165 (Ron Howard, California)
5970	Jul1	2042	R. 208, Hvidovre. Pops. 25331 (CGS)
5980	Jun27	1150	OZ-Viola, Hillerød via groundwave English ID, jazz music and songs (AP-DNK)
5995	Jul3	1845	Radio Mali, Bamako, African songs, at 1851 English program "English Magazine", news and comments about Mali and other African countries, more African songs. (Méndez)
5995	Jun27	2211	R.Mali, Kati. Vn, tks. 55444 (CGS)
6005	Jun30	0805	Shortwaveservice, Kall-Krekel German reading text from 1885, hymns (AP-DNK)
6005	Jul3	1947	Radio Delta International, Elburg, pop songs in English, id. "Radio Delta", English, comments. (Méndez)
6005	Jul10	2121	Radio Delta, Elburg played the "Radio Delta Song". 3 - 4 (CB)
6010	Jun29	2131	R.Inconfidência, Belo Horizonte MG. Px A Hora do Fazendeiro, with songs and farming related infos. 25331 (CGS)
6020	Jul4	0558	Radio Delta International, Elburg, pop songs, English, comments, id. "Radio Delta International". (Méndez)
6030	Jul6	0811	Calgary - CFVP relaying CKMX (AM 1060). Wonderful to have this low powered station back on the air again; very respectable reception, even with Cuban jamming; many IDs; comedy skits by Patton Oswalt, Hal Sparks, Doug Benson, etc.; PSA for ongoing relief efforts by the Red Cross BC fire appeal; slowly fading up and down. My audio is posted at http://bit.ly/3xAakUd . (Ron Howard, Asilomar State Beach, Calif.)
6030			Buzzer jammer, sometimes hd even when R Marti is not on (XM)
6050	Jul2	0157	Vozandes Media, Pichincha Quichua ann, hymns by choir (AP-DNK)

6050	Jul4	-0500*	HCJB, Pichincha, Spanish, comments, “La interculturalidad del Ecuador”, Ecuadorian music, “Acaban de escuchar HCJB...”, anthem and close. QRM from Algeria on the same frequency. (Méndez)
6065	Jun29	1839	Voice Of Hope, Makeni Ranch. E, rlg. propag. // 4965 much worse, rtd 1949. (CGS)
6070	Jul4	0440	CFRX, Toront, news, comments, advertisements. (Méndez)
6070	Jul5	2345	CFRX Toronto news items, political by yl, then into om 2355, difficult signal (Wilkner)
6085	Jun30	0810	R Mi Amigo, Kall-Krekel English pop songs (AP-DNK)
6090	Jul3	1820	Voice of Amhara State, Addis Ababa, Vernacular comments, East African songs. (Méndez)
6100	Jul9	0612	RHC in wrong language Spanish instead of English; 5040 and 6000 are off; only 6165 with English at S9+10/20 concluding NAM weather report by Chief Meteorologist; and JBA carrier on 6060, is that RHC? Only other listee is SRDA 24h from Brasil in Aoki, but never reported, not even in WRTH 2021 nor in EiBi.. Something’s always wrong at RHC (Glenn Hauser, OK, WOR)
6110	Jul1	2040	R.Fana, Geja Jawe. Vn, songs, tks. 35332 (CGS)
6140	Jul5	2032	Radio Onda, Borculo. ID followed by Brazilian songs. 3 (CB)
6140	Jul3	2012	Radio Onda, Borculo, pop songs, id. “Radio Onda”. (Méndez)
6140	Jul4	2036	R.Onda (BEL), Borcolo. Brazilian songs, IDs in F. 35432 (CGS)
6160	Jul2	1340	Shortwaveradio, Winsen English pop songs (AP-DNK)
6160	Jul2	2025	Shortwave Radio, Winsen. Lively music show. 3 (CB)
6173.9	Jul5	2335	Radio Tawantinsuyo, Cusco 2346 fade, steady carrier with some audio, too weak for details, per Lúcio Bobrowiec tips and logs, thanks (Wilkner)
6174	Jun26	2300	R. Tawantinsuyo, Cusco; female in quéchua/Spanish alternating short local music as a bridge to return talks “B de burro...necesito urgente”. Fair, deteriorating (LOB).
6184.9	Jul4	-2021*	Radio Piepzender, Zwolle (presumedd), pop songs in English. (Méndez)
6185	Jul2	1953	Radio Piepzender, Zwolle with rock songs in German and frequent IDs on this new frequency. 3-4 (CB)
6185	Jul4	1639	R.Piepzender, Zwolle. Du/E, Dutch songs, pop oldies, thanking for rec. rpts., ..., brassband mx at 1835. 35332 (CGS)
6185	Jul4	0555	Radio Educación, Ciudad de México, classical music. (Méndez)
6185	Jun27	0935	Radio Educación, Mexico City; latin music, at 0942 ID “y para todo el mundo...senal internacional del onda corta, esta es Radio Educacion, la radio cultural del Mexico”. Poor to fair, progressive enhancement over the listening (LOB).
6195	Jul1	2055	VOA, Pinheira until 2100* relaying VOA Africa Sce. // 4930 BOT (35333) with nice Afro-pop songs; 2100 VOA News in English on 6195 45544 (AP-DNK)
6230	Jul2	2115	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25331 (CGS)
6245	Jun29	2038	R.Echo of Hope (cland.), Hwaseong. Kor to KRE, tks. Uty. QRM. 23341 (CGS)
6250	Jul6	2104	R.Echo of Hope (cland.), Hwaseong. Kor to KRE, tks. 35342 CG
6340.2	Jun29	2106	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 (CGS)
6370.1	Jun28	2111	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25331 (CGS)
7245	Jul2	0952	R.NZPacific, Rangitaiki. E, wx, Pacif. nx & rpts. 25432 (CGS)
7245	Jul3	1037	RNZI at 1037 with a man reading a listener’s music request and playing Grand Funk Railroad’s “A Bad Time to Be in Love” – Very Good – Try tuning on USB after 1100. You might find that pesky amateur radio net completely gone from RNZI’s signal. (Coady-ON)
7254.943	Jul10	0552	VON is on already with undermodulated music. I also measured it on 7254.93, 15 months ago, so its degree of offness quite steady and reliable. Whether this transmitter be on air at all quite another matter (Glenn Hauser, OK, WOR)
7260	Jun28	0543	JBA carrier, presumed R. Vanuatu back on `normal` sked and about to QSY to 11835. So ahead of time I park on 11834-USB to hear the carrier cut on, which it does at *0559:31, still JBA vs high ~S9 local 24/7 line noise level. [I called it in to OG&E a week ago and a guy came by only to tell me that someone from OKC would have to come up and deal with it when they get around to it. There used to be a powerline noise DF guy in Enid but he’s moved on to a new position. Still QRX]

Ron Howard had reported RV AWOL from 7260/11835 for three days June 25-26-27, and had this Reply from Rob Wagner (Australia) on June 27: “Yes Ron. Here in mid-winter, I am hearing RV on 7260 for much of the day from 0200 to s/off. My notes show that on June 25, RV was there on 7260 at 0200 but gone when I checked that band again at 0310. Irregular operations and I suspect technical difficulties. I have not checked the other freqs. Rob”

BTW, we would not be hearing RV on 7260 as early as 0330-0400, rather VOA Somali via Vatican yet VG signal here way off-target, violating Separation of Church and State (Glenn Hauser, OK, WOR)

7260	Jul9	0540	Radio Vanuatu, on 7260, from 0540 to cut off at 0559*; played various music (island songs, Whitney Houston - "I Wanna Dance With Somebody," etc.). RV, suddenly on, continuing in progress; *0559, on 7890H // 11835H (CNR2 QRM); 0600-0602 brief "News Update." Too early for 3945 reception. BTW - July 3 & 6, no RV heard after 0545+, when I started checking. (Ron Howard, California)
7330	Jul4	1033	Radio Joystick, The Charlie-Prince Show, Moosbrunn, pop songs, German, comments, id. "The Charlie-Prince Show". (Méndez)
7489.9v	Jul3	0000	WBCQ webcast of `AAAWWW`, WTO, and Allan starts out saying he is ``extremely sexually satisfied``. Angela pretends? to shush him looking for mute button but there is none. This sounds familiar; guess they have sex before every show as warmup. They are so in love! From Deland of Fla where it was 100 degrees. What`s wrong with Canada? Way behind in vax and opening up. Usual rants equating Democrats with Communists; beware of flash mobs robbing CVS --- not today when I was in Enid`s. 0032 datestamp as 28th of May, YOOL 2021: this is a RERUN! I heard it before but same kind of stuff every week so I didn`t realize that immediately. So I stop listening. You may see my and John`s report of then in my log report of May 29 UT. John Carver agrees it`s from May and does not re-report it. Earlier I had checked if there were any new twits, and yes, from today, he predicted would be on 7490, 6160 AND 3265, which has been AWOL for months. Indeed 3265 is audible in Maryland with lots of noise --- great band for summer! But it`s other programming, probably TOMBS, but I don`t care enough to seek a parallelish. N.B. Anker Petersen who in ``tropical`` surveys had 3265 as a goner. (Glenn Hauser, OK, WOR)
7490	Jul4	2100	Marion`s Attic (via WBCQ Monticello, ME) at 2100 with Marion Webster`s excellent and eclectic program of really old music with her friend, Christina, spinning the discs and wax cylinders and reading listeners` letters - Very Good (Coady-ON)
7730.1	Jul2	2117	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25342 (CGS)
7810.1	Jul7	2205	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 CG
9120.1	Jul7	2203	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 CG
9155	Jul2	2119	UnID, jammer? Mand, tks. Jammer against Sound Of Hope R Int'l.? 45444 (CGS)
9280.1	Jul3	2111	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 (CGS)
9550.1	Jul2	2036	R.Boa Vontade, Pt.º Alegre RS. Rlgs. propag., mx background. // 11895.2 rtd 2046. (CGS)
9635	Jul4	1150	R.Mali, Kati. Vn, tks, phone-ins, obituary in Vn/F. 45444 (CGS)
9650	Jul5	1115	R.Guinée (?), Sonfonia. Empty carrier. DF indicates south. 35443 (CGS)
9665.2	Jul4	2033	R.Voz Missionária, Camboriú SC. Rlgs. propag., songs. 45444 (CGS)
9670	Jul6	1705	WRMI Europe (via Channel 292) with a test broadcast in preparation for a coming service on shortwave. Unannounced music and brief announcements in EE (mostly) & FF. 3-4 (CB)
9670	Jul4	*1200-	Radio Six International, Rohrbach, English, "This is Radio Six International...", comments, songs. (Méndez)
9819.1	Jun30	2011	Radio 9 de Julho, Sao Paulo, religious songs. (Méndez)
9819.9	Jul4	1148	R. 9 de Julho, São Paulo SP. Carrier detected. 15341 (CGS)
9835	Jul5	0940	Sarawak FM via RTM, Kajang. Tks, mx, Koranic chanting. F/out 1140. 25432 (CGS)
9925	Jul4	0000	The Mighty KBC (Nauen) at 0000 with opening music and a man with ID of "Rocking over the ocean, all over Europe, we are the Mighty KBC" followed by spoken and sung IDs, funny promos, and into DJ Dave Mason with oldies music - Very Good (Coady-ON)
11439.9	Jul2	2121	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 (CGS)
11440	Jul7	2207	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 (CG)
11610	Jul3	1137	CNR in Mandarin jamming RTI in Mandarin with light pop vocals and excited promos - Good. - This shows how the Chinese authorities have no preference for any particular CNR program feed to use to jam western broadcasters. They use whatever feed they like but tend to stay with CNR1`s news program to jam the VOA on 11785 and 11825. Then there`s always the Firedrake Symphony they still use on occasion that lasts an hour. (Coady-ON)
11610	Jul3	1137	RTI in Mandarin with a telephone interview between two men - Weak but audible under CNR jammer (Coady-ON)
11665	Jul1	1009	Wai FM via RTM, Kajang. Tks, mx. 25432 (CGS)
11690	Jul3	0810	Scandinavian Weekend Radio, Virrat, Finnish, comments. (Méndez)
11720	Jul3	1940	Scandinavian Weekend Radio, Virrat, music, Finish, English, comments, id. "Scandinavian Weekend Radio". (Méndez)
11780	Jul10	2140	Rádio Nacional da Amazônia with a talk show. 2-3 (CB)
11815	Jul8	2112	R.Brasil Central. Songs. 35332 (CG)
11835	Jul9	0730	Today, noted IDs for CNR2, in Chinese and English; "This is C-N-R Business Radio"; this ID not given at ToH; fair, with light RV QRM. (Ron Howard, California)
11895.2	Jun30	2031	Radio Boa Vontade, Porto Alegre, religious comments. (Méndez)
11895.2	Jul1	2046	R.Boa Vontade, Pt.º Alegre RS. Rlgs. propag., mx background, songs. 35433 (CGS)

11995	Jun29	*1200-	Special broadcast of the "United Nations Symposium on the Abduction Issues," *1200-1400*, with only 11995 being usable and 11890 being too weak to be usable; per Hiroshi, both via Taiwan; 11995 with CODAR QRM and audio with non-stop simultaneous translation (Japanese) underneath a somewhat stronger, different audio in several languages (Korean and English); commenting about Japan/N. Korea abduction issues, family members telling stories about abducted relatives, analysis of US policy towards DPRK, etc.; unfortunately heard with double audio feeds the entire time, making for very unpleasant listening, even with a good signal strength; at 1357, both audio feeds ended simultaneously. My 11 minute audio of a few English segments is posted at http://bit.ly/3h2coOB . (Ron Howard, Asilomar State Beach, Calif.)
12500	Jul5	-1000*	Sound Of Hope R Int'l (p), unk. site. Mand, tks, anns., TS. CHN or TWN? www.bayvoice.net is of no help. 25432 (CGS)
12500	Jul5	1010	Sound Of Hope R Int'l (p), unk. site. Mand, tks. Most probably TWN this time. Occ. USB QRM. 15331 (CGS)
13130	Jun27	1430	Sound Of Hope R Int'l (?), unk. site. Mand, tks, mx. 25331 (CGS)
13580	Jun29	1424	Something's always wrong at RHC, and here is something stranger than ever. June 29 at 1424 I start tuning for spurs on the 13 MHz band, first finding 13580 with extremely distorted music blob with reconfirmed F# tone, that's 120 kHz down from 13700 so next one should be around 13640: yes, but as soon as I get there it vanishes while 13700 has been replaced by fax?? sounds at S9+10. Beepery goes on and on and seems deliberate rather than random, some brief pauses. Reminds me some of fax and some of SSTV. I cannot decode either. Briefly at 1430 there is a mixture of this and undermodulated music at S9+10/20. One zero-beat is at 13703. At 1432 I check for more on the plus side: 13762 has F# blob, also weakers around 13825, 13886, 13948, trace 14013; and JBA trace circa 14075 where it collides with that hamband beepery, whatever it be. Back to the fundamental, which is now centered on 13705 with the SSTV/fax beepery; spurs now circa 13579, 13518 trace. 13705 continues past 1458. At 1459 I measure JBM carriers with F# tones on 13761.73 and 13638.29. At 1502, 13700 is off, but now 13705 is playing RHC music, no beepery, 1503 dead air and 1504* off! I wonder if the RHC broadcast sites, besides being shared with jammers, spies, also be shared with utility services (Glenn Hauser, OK, WOR)
13638	Jul8	1443	13638 & 13762 approx, RHC weak spurblobs with music in FM and F# tone above Cmiddle as usual, out of 13700-AM which is S9+10. But the second orders JBA circa 13826 and trace 13576 bear a lower tone of C#, never noted before. Hz equivalents are approx. 370 & 270. Something's always wrong at RHC (Glenn Hauser, OK, WOR)
13640	Jul5	-1000*	Sound Of Hope R Int'l (p), unk. site. Mand, tks, anns., TS. CHN or TWN? 25331 (CGS)
13840	Jul3	2115	R.NZPacific, Rangitaiki. E, tks. Adj. QRM. 34432 (CGS)
14920	Jul5	-1000*	Sound Of Hope R Int'l (p), unk. site. Mand, tks, anns., TS. CHN or TWN? 15341 (CGS)
14920	Jul5	1014	Sound Of Hope R Int'l (p), unk. site. Mand, tks. Most probably TWN this time. (CGS)
15170	Jun29	1500	it's another Tuesday already June 29, so I remember just in time at 1525 to check UTwente for what's on this week from IRRS: last week from 1500 it was ` Sounds Irish` music, and before that it was Kashmir Civitas clandestine. It's back to the latter, S9+20/30, talk in presumed Urdu mentioning Kashmir with strumming musical background. 1527.5 ``salaam aleikum`` greeting in closing; 1528 a bit of other music and cut off air early? at 1528:15*, soon back on for a split second before gone for good. Others had been hearing this earlier: Arthur Pozner near NYC, Harold Sellers in BC, and Paul Walker in AK. Pozner says: ``Confirmed about the actual language. It is the same "Kashmir" program in Urdu and was received in several countries with various results. And a station ID came on in Russian: "This is Inter-Radio Romania"!`` Sellers says: ``fair-good in southern British Columbia at 1519 with presumed Kashmiri. Man with stringed instrument music in background into an on location report of some kind. Missed sign off which was before 1528. Was good at 1523`` (Glenn Hauser, OK, WOR)
15170	Jul6	1500	``Kashmir Civitas`` ID in passing shortly after opening in presumed Urdu via Romania; another weekly Tuesday clandestine, S9+15 into UTwente. BTW, Civitas is pronounced Sivitas, not Kivitas as in classical Latin; but what has any Latin to do with this? (Glenn Hauser, OK, WOR)
15190	Jun30	2015	Radio Inconfidencia, Belo Horizonte, Brazilian songs, comments, program "A Hora do Fazendeiro". (Méndez)
15190.1	Jul4	1154	R.Inconfidência, Belo Horizonte MG. Songs, mx. 25331 (CGS)
15370	Jul10	2248	RHC is S7-S8 but very undermodulated. Something's always wrong at RHC (Glenn Hauser, OK, WOR)
15476U	Jul10	1355	LRA 36, Radio Nacional Arcángel San Gabriel, Base Esperanza, songs, Spanish, comments. At first extremely weak, strong fading, audible at times but reception improved at about 1625 and later, heard id. at 1644. "Nacional la radio pública...". (Méndez)

15475.98 -RCUSB	Jul10	1453	Tune-in via Pardino, Brasil KiwiSDR, LRA36 underway with talk. I'm ``camping`` on someone in Frankfurt/Main already tuned to 15476.00-USB. By 1522 they're off and I'm on directly. Talk about Antarctica, saludos, despedidas, 1523 theme song. But NOT off, 1526.4 starts other music as I am distracted by FM DX chase in the car. 1620 recheck still on with songs. 1630 headlines, music, ``Nacional Antártida Argentina, en todo el país, la radio pública`` ID; 1651 contact info, talk about some anniversary. Still past 1700, 1713 songs at S4-S5; 1723 closing credits, 1724 themesong, 1727.5 more music, really running late today, 1749, or was it 1744 I scribbled, stops without formal sign-off, and reduced carrier is also turned off (Glenn Hauser, OK, WOR)

I asked Glenn to explain what RCUSB stands foer and here is his explanation: <i>Reduced carrier, upper sideband. Yes, it is the proper description of the transmission mode. I am sure I have spelled out RC from time to time but not with every log. It could be R3E except this table does not distinguish between USB and LSB: https://en.wikipedia.org/wiki/Single-sideband_modulation#ITU_designations Not to be confused with suppressed carrier = ``normal`` SSB with no carrier at all. I know there is a proper 3-character designation for this which I never can remember, and RC USB is explicit. Yes, it certainly is important as with my observation that the RC stayed on for an extra hour. /Glenn</i>			
15790	Jul4	0745	World Music Radio, Randers, Latin American and pop songs, song "Que Suenen Los Tambores" by Cuban singer Laritza Bacallao, id. "World Music Radio, WMR". (Méndez)
15790	Jul4	1655	World Music R, Randers. Mx & songs. Best via the K9AY aerial. 35443 (CGS)
16300	Jul5	1012	UnID, jammer? Mand, tks. Not // to 12500. 35443 (CGS)
17750	Jun29	1500	Lots of discussions in the DX media about the Clandestine to Ethiopia on 17750 kHz. Tried today, I first heard a very strong carrier, no doubt the jammer, but it closed after a minute, maybe technical trouble. The clandestine station was coming through with much QSB. I phoned my previos collaborator at the Cross and good friend Samrawit Tesfu from Eritrea, and she listened to the station: "This is in my language Tigrinya" she said. "The programme is directed to Tigray in Ethiopia and is anti-Addis Abeba government." I will try to catch the name of the station and contact Samri again. i have no recording gear nowadays, unfortunately. But I will try to record the station ID via some remote rx. (UQ)
25800	Jul3	1608	World Music Radio, Randers, id. "World Music Radio". (Méndez)
25800	Jul4	1657	World Music R (p), Mårslet. Mx. 15331 (CGS)

Pirate Stations

3920	Jul3	1927	R.Barones - pir. Du, songs, tks. // 1630 rtd. 35342. 35342 (CGS)
3919.9	Jun27	-2100*	R.Classical Sunday via UnID. Du/E, pops, tks, anns. 35343 (CGS)
3919.9	Jul2	2113	Piraten Team Overijssel - pir. Du, pops, tks. ID via DX press. 45433 (CGS)
4870	Jul6	2206	Mystery R 21 - pir. Pops. 35433 CG
4975	Jun27	2207	R.Deltracks - pir. Pops. 35343 (CGS)
5140	Jul4	1855	Charleston R Int'l. - pir. Oldies. Quieter reception via the K9AY aerial. 25331 (CGS)
5885	Jun30	2139	R.Rock Revolution - pir. E, pops. 35343 (CGS)
6005	Jun26	2143	R.Delta - pir. Songs. ID via DX press. 35332 (CGS)
6220.2	Jun26	2138	World Cup R (t) - pir. Mx. T-ID via DX press. 25331 (CGS)
6265.1	Jul2	2202	EM (?) R - pir. Songs. ID via DX press. 25331 (CGS)
6275	Jul1	2215	R.Batavia - pir. Du, pops, mx oldies. 35443 (CGS)
6280	Jun28	2109	KR-1 - pir. Du/E, mx oldies, tks. 35332 (CGS)
6285	Jul3	2102	KR-1 - pir. E, c&w, pop oldies, tks, Dutch mx, jazz. 35343 (CGS)
6290	Jun27	2209	R.Parade Int'l. - pir. E, mx, tks, e-mail addr. anns. for rec. rpts. 35332 (CGS)
6290	Jul1	1842	KR-1 - pir. Pops. 35342 (CGS)
6295	Jun26	2055	R.Ronalisa - pir. E, songs, e-mail addr. anns. for rec. rpts. 35332 (CGS)
6295	Jul4	1630	Reflections Europe - pir. E, rlgs. propag. // 12255 vy.poor. 35342 (CGS)
6305.1	Jul4	2212	R.Merlin Int'l. - pir. E, pops. 35332 (CGS)
6322	Jul9	2125	R.Batavia - pir. Du/E, pops, oldies. 35433 (CG)
6335	Jul9	2127	R.Monique - pir. Pops. ID via DX press. 35433 (CG)
6875.1	Jul1	2031	R.Europe - pir. Pops. 25341 (CGS)
6935	Jul8	2307	R. AD149 (T), Argentina; spanish pop music. Poor, very irregular this station (LOB).
6955	Jun29	2113	R.Nova Int'l. - pir. E, tks on Dublin's R.Nova, songs. Adj. uty. QRM. 44433 (CGS)
6985	Jul3	2205	R.The Vault - pir. E, pops, tks on radiowaves propagation. 45343 (CGS)
12255	Jul4	1628	Reflections Europe - pir. E, rlgs. propag. // 6295 better, rtd. 35342. 25331 (CGS)

Contributors to the log:

wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX Glenn Hauser, Enid, OK, USA (also from WOR/DXLD) Ron Howard, Asilomar State Beach, CA, USA, WOR/DXLD CB, Christer Brunström, Halmstad, Sweden XM - Cedar Key - Florida	CG/CGS, Carlos Gonçalves, Lissabon, Portugal Manuel Méndez, Lugo, Spain LOB, Lúcio Bobrowiec, Embu, SP, Brasil Robert Wilkner, Pompano Beach, South Florida Mark Coady, Selwyn, Ontario
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Station news

AUSTRALIA.

[WOR] July 2021 - Australian DX News, Shortwave Trail Our monthly roundup of members' loggings edited by Craig Seager

2325 STATION TEST, Wee Waa, NSW. Station seems to have no name! Relays programming from "Station X", which is an AM narrowband and FM operation in Wee Waa, northeastern New South Wales (<https://xrn.com.au>). Noted on June 20 with lots of dated (antique?) pop/rock selections at 1003. Heard what sounded like an advert around 1015, but no ID. The signal was pretty weak into Mount Evelyn and the static was high. Noted past 1045 but by then I'd lost interest and tuned out. Also noted it on the VK5ARG Kiwi SDR where the signal was stronger. The licence is owned by Peter Tate, who has been granted a bunch of other broadcasting licences in NSW and QLD. Tate describes the antenna as "three inverted L's sharing a common centre" and currently only putting out 80w. Interestingly, the Australian Communications and Media Authority (ACMA) website lists this licence as expired on June 2, 2021 and is authorised to transmit up to 1 kW.

Tate also owns other HF licences including 2310 and 2350 (at Alice Springs, NT), 3230, 4835 (at Razorback Range, NSW), 4910 (at New Lambton Heights, Newcastle, NSW) and 5025 kHz (also at Wee Waa, NSW), but as far as I can tell, none of these is currently on air. (Wagner)

5045 Island FM 88, Macleay Is, QLD. At 2135 (7:35am here) with a selection of ancient pops and no anncts. Fair signal and faded by 2230. Does quite well for only 200 watts! 19/6. (Wagner). ♦ "Come Feel the Noise" amid heavy QREN 2237, 14/6 (Ireland-P) {what is QREN?? gh}

5055 4KZ, Innisfail. Pop mx 1006, 14/6 (Ireland-P)

9545 SIBC, Honiara. Very good with Island tunes, EE announcement until close at 0500 on 8/6 (Adams).

Contributors:

John Adams, Port Douglas, Far North Queensland

Rob Wagner, VK3BVW, Mount Evelyn, VIC

Phil Ireland, VK2GJF, Bathurst NSW DX-Pedition Items Point Plomer (P), NSW (Ireland)

(July 2021 - Australian DX News via WOR)

QSL
NQ
Radio

NQRADIO
1 Edith St
INNISFAIL
Queensland 4860
Australia

RADIO 4KZ
Shortwave 5055 kHz

We are pleased to confirm your reception of Radio 4KZ's Shortwave Service on 5055 kHz

Date 10 Dec 2018 Time 1940 GMT

Power: 1.2kW Antenna: Inverted "V"

Signed [Signature]
General Manager

WWW.NQRADIO.COM.AU

Other radio news

[WOR] "Jenni Baynton is in financial trouble"



Harlingen red radio lightship in financial trouble Jun 29, 2021 - 13:59 Friesland

The radio lightship Jenni Baynton is in financial trouble. The bright red ship in the port of Harlingen has no more income due to the corona crisis, but maintenance will continue. The ship was used for a time to make radio from the sea.

The ship has been in the port of Harlingen for more than 15 years, and if it is up to Sietse Brouwer, it will remain so for a while. Brouwer is the chairman of the Friends of the Lightship Foundation and is concerned with the situation.

Brouwer is now very concerned. "We've always been able to make it through the radio broadcasts that came from here. That was less recently, so we wanted to make the ship so that it can be used by others. Presentations, expositions, things like that."

On March 8, the ship had an open day with many visitors, but a day later everything was locked. "Since that time, we've actually been able to do very little work."

The foundation needs money and volunteers to maintain the ship. "We were last on the water in 2009, and officially that has to be once every five years. So we are just too late. That costs 15,000 euros," says Brouwer. The foundation is now working on a campaign to collect that money.

Jenni Baynton is the only lightship in the Netherlands with a transmission tower on board. It must therefore disappear from the harbor of Harlingen. "Especially if they make razor blades and teaspoons of it. Then it goes for large iron. It is a piece of maritime history. That would be a great shame."

<https://www.omropfryslan.nl/nieuws/1072083-rood-radiolichtschip-van-harlingen-financiele-problemen>

(Originally posted by Paul Vos on the Free Radio Forum. Thanks to Mike Barraclough for this link/ gh). (via WOR)

[WOR] MRHS Night of Nights UT 13 July

"Night of Nights XXII", Monday 12 July 2021

KPH, the ex-RCA coast station returns to the air for commemorative broadcasts every year on July 12 at 5:01 pm PDT (13 July at 0001 GMT). On July 12, 1999, the last commercial Morse transmission in the U.S. was thought to have been broadcast at 5 pm PDT (13 July at 0000 GMT). Transmissions are expected to continue until at least midnight PDT (0700 GMT).

This year's event that the annual Night of Nights event will be run in the Park, and that limited staff access is permitted.

It is a major milestone to return to BL and RS for Night of Nights, but we must operate under strict guidelines with limited numbers of vaccinated crew at both locations. Regretfully the festivities will not be open to visitors or guest operators this year, so sadly Night of Nights XXII must be a non-public event.

K6KPH, the amateur radio station of the Maritime Radio Historical Society, will also be on the air receiving signal reports and messages from Morse code enthusiasts around the world. At 5:01 pm PDT on July 12 (0001 GMT 13 July), the MRHS volunteers will send the traditional Night of Nights opening message. They will then stand by for calls or will call CQ NON or CQ NIGHT OF NIGHTS. This gives Maritime Radio Historical Society information about how well the stations are being heard and gives amateur stations the experience of what it was like to work a real coast station.

Stations on the Air:

Stations KPH, KFS and K6KPH will be participating in Night of Nights XXII. Here are the particulars for these stations:

KPH: 426, 500, 4247.0, 6477.5, 8642.0, 12808.5, 17016.8, 22477.5

KFS: 12695.5

KPH and KFS will listen for calls from ships on 500kc and ITU Channel 3 on HF. Here are the frequencies for ITU Channel 3 in each band: 4184.0, 6276.0, 8368.0, 12552.0, 16736.0, 22280.5

K6KPH: 3550, 7050, 14050, 21050

K6KPH calling procedure: We follow commercial operating practices as closely as possible for K6KPH. To call K6KPH select one of the frequencies above and call K6KPH repeatedly until the operator responds with DE. Then send your call sign and any other relevant information.

Since Night of Nights is usually a busy event for K6KPH you may find the station already in contact with another station. In that case make your call using the above procedure at the end of the previous contact. The operator at K6KPH may respond with QRY and a number. This means that you are number 1, number 2, etc., on the list. It's just like taking a number at the bakery. Stand by and the K6KPH operator will call you in turn.

> Commemorative Messages

Was your father, uncle or grand dad a commercial op or amateur operator? Would you like to send a commemorative message in their honor over KPH? We have sent several of these messages in past events and they were all very moving. If you would like us to send such a message this year please send it to us no later than Saturday 10 July Pacific time so we can be sure to include it. Send it to info@radiomarine.org

> Reception Reports

Reception reports and verification requests for the MRHS stations listed above may be sent to:

Maritime Radio Historical Society, PO Box 392, Point Reyes Station, CA 94956, USA

Note: Self addressed stamped envelopes would be greatly appreciated!

(via WOR)

[WOR] Belgian pirate radio's rise and demise

From the low lands to the high seas: Belgian pirate radio's rise and demise. This is a fascinating article that I have not seen before.

<https://www.brusselstimes.com/news/magazine/52939/from-the-low-lands-to-the-high-seas-belgian-pirate-radio-s-rise-and-demise/>

(Mike Terry via WOR)

[WOR] DX Audio Service

The National Radio Club's "DX Audio Service" from 1985 was a monthly audio cassette abridged version of the club newsletter with some additional content. I joined a few years later as an internet only subscriber and it was excellent value for \$15 a year if I remember correctly. The content tended to be mainly about US radio was varied and interesting and professionally presented by club members. The mainly regular presenters became familiar names and voices. I made one contribution only, it was a bandscan of my local stations here in the UK, each month a subscriber's local contribution was selected to be played.

It was a shame it closed, I still miss it. It used to be great accompaniment when I was out jogging in the countryside and able to give it my full attention, especially it took me into the enthralling world of US domestic radio.

(Mike Terry via WOR)

Look Mike, in its age, it was a colossal phenomena for the blinds if I consider that before the adaptive device revolution (revolutionised by IBM-based computers plus their additional peripheries like scanners, talking softwares/connected talking devices, etc.) It fulfilled the hiatus for the U.S. audience when hardly else existed. Unfortunately I never heard of such services in my childhood, nobody advertised it in the Hungarian blind's press. Even we hardly knew anything about how Soviet blinds were living at that time - not to mention Westerns'. Even more basics were not known.

It is pointless to talk about how "easy" to find a family member, or a helper who were happy to read such materials full with strange things like kHz, mHzs or other technical things to us, the blinds. Now with the computer it is much easier because alot of times we can do it alone, ofcourse with some limitations, but, at least nobody is needed for simply reading DX news, frequencies, etc. etc. if a blind is equipped with these devices. Ofcourse, this is not the case everywhere, we are living in the luckier part of the world where sooner or later everyone can get such adaptive technologies/devices. Certainly poorer countries are poorer in this too, so, differences can exist but at the end nobody drops out of education or a hobby in the lucky part of the world.

(Tibor via WOR)

The Radio Scene in Brazil: The Early Mediumwave Years

The interesting story of mediumwave radio broadcasting in the South American country of Brazil can be traced back to its very earliest beginnings, in the year 1922, when a temporary demonstration station was installed in what was back then their national capital city, Rio de Janeiro. The Independence Centenary International Exposition, as it was known in English, was open for a little over half a year and it was staged as a 100th anniversary celebration of Brazilian independence.

This World Expo was held in Rio de Janeiro from September 7, 1922 to March 23, 1923, and it was planned as an opportunity to display Brazil's growing industrial development, and also to focus on the nation's increasing potential in

the international market place. The fair pavilions were constructed alongside Rio Branco Avenue in a landed area of Rio that was specially built just for the occasion.

The Brazil Expo, which attracted participation from 14 countries in Europe, Asia and the Americas, was staged in a dozen specially designed and newly built tall ornate pavilions. The rolling attendance from all over the world was in excess of 3 million people.

The location for a unique though temporary radio broadcasting station during the Expo was the summit of Mt. Corcovado upon which subsequently stood the Catholic inspired Statue of Christ the Redeemer. This statue standing 125 feet tall, is only a little lower than the equally famous Statue of Liberty in New York. Back at the time of the radio station in 1922, the basic platform for the Christ the Redeemer Statue had already been constructed.

In preparation for the World Expo radio broadcasting station in Brazil, Mr. L. A. Osbourne, President of Westinghouse at East Pittsburgh in Pennsylvania in the United States, visited Rio de Janeiro in Brazil. He received approval for the installation of the station from both the government and from the management of the Brazilian Light and Traction Company, upon whose land the station would be installed. The Brazilian Light and Traction Company was already operating a Swiss made passenger cog railway up the side of Mt. Corcovado, and they agreed to provide electricity for the radio station.

The new mediumwave broadcasting station for Rio de Janeiro was similar in design and layout to the already famous two year old KDKA in Pittsburgh Pennsylvania. (The original mediumwave WJZ in Newark New Jersey was also a similar copy of KDKA.) The equipment for this new radio station in Brazil was manufactured and assembled at the Westinghouse factory in Pennsylvania, it was tested on air, and it was then packed and shipped to Rio in June 1922.

Two self-supporting aerial masts were erected at the top of Mt.

Corcovado, each standing 125 feet tall and 153 feet apart, and a six wire flat top antenna system was suspended between the two masts. Back then a counterpoise system was usually suspended above ground level underneath the aerial system, but in this case, the counterpoise (in two widely separated sections) was suspended above ground level but running down the mountainside for 100 feet. The radio frequency feed from the transmitter was fed by a single wire running up the mountainside to the antenna system.

The antenna system for this radio station was at times above cloud level, and there must have been some form of protection from lightning strikes. However, there is no record of lightning causing any damage to the electronic equipment.

The official callsign for this new radio broadcasting station was SPC, and the original operating channel was the standard North American channel 450 m corresponding to 666 kHz, though this was subsequently changed to 483 m (620 kHz). All of the radio equipment, the studio and the 750 watt transmitter, were accommodated in a single room made available by the mountainside tramway company.

Test broadcasts from SPC began on August 15, (1922), three weeks before the opening of the Independence Centenary International Exposition, and the programming came by landline directly from the downtown Grand Opera House. These live broadcasts in Portuguese of course were on the air each afternoon and each evening, and one of the musical renditions in the opera was O Aventureiro (The Adventurer), as we mentioned at the beginning of our program today. Official broadcasting began ten days later, on August 25 (1922).

Back then, very few people in Rio owned a radio receiver and the sale of radio receivers in Brazil was actually prohibited by the government. However, Westinghouse installed public radio receivers with a loud speaker at several different locations throughout the Expo, and indeed throughout Rio itself, such as outside Monroe Palace, at Praia Vermelha, and at the American Pavilion in the Expo.

The inaugural speech at the opening of the Independence Centenary International Exposition was presented by His Excellency, the President of Brazil, Senhor Epitácio Lindolfo da Silva Pessoa. The auspicious events in the opening of the Expo were also broadcast over radio station SPC.

Newspaper reports and monitoring reports from ships at sea indicated that the programming from radio station SPC was always heard loud and clear. Additionally, coverage tests with a radio receiver in a motor car were conducted throughout Rio and beyond.

This very unusual and now historic radio broadcasting station was on the air throughout the entire 7 month lifetime of the Expo in Rio.

When the Expo was finally closed on March 23 of the following year (1923), the radio station was also closed. The station was entirely dismantled and then totally removed from its mountaintop location and placed in storage.

The Rest of the Story: Radio SPC Rio de Janeiro Brazil becomes Radio WNYC New York USA

Yes, it is true. When the Brazil Expo was finally closed on March 23, 1923, the radio station SPC was also closed. This KDKA-WJZ look-alike radio station was entirely dismantled and totally removed from its mountaintop location and placed in storage in Rio de Janeiro.

However, a new mediumwave station in New York City was looking for suitable radio equipment. New transmitters were expensive, and not readily available. So instead, they procured the now silent Westinghouse SPC from Rio de

Janeiro in Brazil, installed it on the 25th floor of the Municipal Building at 1 Center Street, New York, and erected the antenna on the roof above. A photograph of the historic SPC-WNYC transmitter is shown in the American radio magazine, Radio News, for October 1924 on page 476.

New York's new mediumwave station WNYC was officially opened with a special inaugural ceremony on the evening of Tuesday July 8, 1924. The station was owned by the City of New York, it radiated 1 kW on 570 kHz, and its daily schedule of programming began each evening at 7:30 pm.

Over the intervening years of close to a century, New York's WNYC has undergone many changes and developments. The original studios were in the Municipal Building, and subsequent locations have been on Varick Street and at Hudson Square. Ownership has changed also, though they are still a public station and not a commercial station.

Transmitter locations have been moved from the Municipal Building to Greenpoint NY, and then to Kearny in nearby New Jersey. Four different mediumwave channels have been allotted to WNYC over the years, and they operate today as one of New York's most valuable radio stations, with 10 kW on 820 kHz.

Evidence would suggest that the historic original mediumwave transmitter was discarded, perhaps in 1928 at the time when a new antenna system was installed. That was the original transmitter that was on the air in Brazil with programming in the Portuguese language.

When this same transmitter began to air programming as WNYC in New York in the English language rather than in Portuguese as in Brazil, the change of language apparently had no effect upon the actual transmitter itself (!). (Adrian Peterson, IN, script for AWR Wavesan May 2, 2021 via WOR)

WNYC on Shortwave

Radio station WNYC has also made its own foray into shortwave broadcasting. In 1937, they requested the FCC for approval to operate a shortwave relay station as a program feed to other public radio stations throughout the United States, though this request was denied.

On May 27, 1938, New York's WNYC began a program relay via shortwave W2XAF in Schenectady for programming beamed to South America in Spanish and Portuguese. These daily half hour broadcasts were intended to counter the impact of propaganda programming beamed to South America from the central powers in continental Europe.

During the following year (1939), a similar program relay from WNYC was broadcast from the Boston shortwave station W1XAL/WRUL.

Interestingly, during that same era, WNYC on mediumwave in New York also relayed live off air some of the WRUL shortwave programming.

Then during the next year again (1940) WNYC installed its own 1 kW shortwave transmitter in the Municipal Building under the callsign W2XVP. This small transmitter, an Apex high fidelity unit, operated on 26.1 MHz, and it was installed initially with the same intent, countering the shortwave impact of the axis broadcasts in Spanish and Portuguese beamed to South America. However as it is stated, that project turned out to be nothing more than somewhat of an overreach.

Then instead they began using this Apex transmitter from 7:00 pm to 9:00 pm nightly to rebroadcast regular daytime music programming from WNYC which at that time closed down at sunset. That unusual shortwave scheduling lasted until 1942, when that transmitter was also dismantled to make way for a new FM transmitter that was used to launch WNYC-FM in March 1943.

(Adrian Peterson, IN, script for AWR Wavesan May 2, 2021 via WOR)

[WOR] Cuba - RHC - Manolo de la Rosa



Cuba – Manolo de la Rosa, prominent Dxe and producer of the programs "Para los Diexistas" on Radio Moscú and "En Contacto" by Radio Havana (RHC) with his wife Malena, died in Cuba.

Information posted by his daughter Yanela on facebook. (Dino Bloise, Miami, USA via WOR)

More info can be found here:

<https://gruporadioescuchaargentino.wordpress.com/2021/07/07/fallece-el-locutor-cubano-manolo-de-la-rosa/> (via WOR)

[WOR] Revolution in the air | History Today: Russia 1991g

See interesting story here: <http://www.historytoday.com/archive/behind-times/revolution-air>
(Charles Harlich, via WOR)

TV from the Philippines received in Germany

Writing to the VHF Skip IO group Jurgen Bartels, Suellwarden, N.
Germany has been receiving what he believes to be Channel A2 carriers from the Philippines. Jurgen added that at the same time FT8 digital signals from Southern China were received on the 6 metre ham band.
(New Zealand DX Times PAGE 30 July 2021 via WOR)

TV from Venezuela received in Portugal

Also writing to the VHF Skip IO group is Hugh who lives in Portugal.
He has been seeing Venezuelan analogue TV station TVES Ch A2. It was received on 21 June around 2055 GMT and faded by 2110 GMT with cartoons then a music video. A YouTube link to his reception is here:
https://youtu.be/_I5fOkGqdik
(New Zealand DX Times PAGE 30 July 2021 via WOR)

State support has saved broadcasters.

2020 has hurt many areas of our lives. Radio broadcasting was included in the list of the most affected industries. State support measures allowed the radio broadcaster to survive, preserve their creative teams and save almost 500 million rubles. What was included in the state aid package? Concessional loan with the possibility of transforming it into a subsidy in 2021, as well as reducing the rates of insurance premiums and contributions to the Russian Pension Fund.

The largest radio holdings, having received state support, in turn, extended a helping hand to their partners in the regions. License fees were reduced to 80-90% or canceled altogether. In addition, the agreements with the Russian Authors' Society and the All-Russian Intellectual Property Organization were revised in favor of the broadcasters. According to the President of the Russian Academy of Radio Andrei Romanchenko, these reciprocal measures have allowed many broadcasters to preserve the broadcast of their radio channels and save creative teams. [rosvois.ru](http://onair.ru/main/enews/view_msg/NMID_80503/)
(http://onair.ru/main/enews/view_msg/NMID_80503/)
(RUS-DX #1140)

Wired broadcasting.

Wired radio has a reputation as a media outlet for retirees, although even now the service has a multimillion audience. Meanwhile, Rostelecom is slowly destroying the once popular media - it refuses to restore damaged lines and connect new users (according to the author of the article). The author of TJ studied how the difficult fate of wired radio is developing today and whether it is possible to connect a radio point in an apartment in 2021 (source in Russian - URL: <https://tjournal.ru/tech/124629-pyatsovremennyh-tendenciy-provodnogoradio-kak-ya-nachal> -ego-slushat-ichut-nestal-radiohuliganom (04/23/21).
(<https://ftp.radio.ru/pub/2021/06/13.pdf>)
(RUS-DX #1140)

Predicting solar radio flux

An international group of scientists led by Skoltech professor Tatiana Podladchikova have developed a new method and software called RESONANCE ("Radio Emissions from the sun: ONline ANalytical Computer-aided Estimator") which provides predictions of the solar radio flux at F10.7 and F30 cm with a lead time of one to 24 months. This work has been undertaken in order to understand and better manage re-entry of space junk. Predicting the re-entry date and time is a challenging task, as one needs to specify the density of the upper Earth atmosphere that strongly depends on solar activity which is hard to predict. Earth atmosphere can become very heated due to solar activity which causes it to expand, and a satellite can decay in its orbit and fall back to the Earth due to the effect known as atmospheric drag. However these predictions could certainly be of interest to radio communicators and DXers. <https://iopscience.iop.org/article/10.3847/1538-4365/abef6dhttps://phys.org/news/2021-05-scientists-method-solar-radio-flux.html>
(Medium Wave News July/Aug 2021 Volume 67 No. 03)

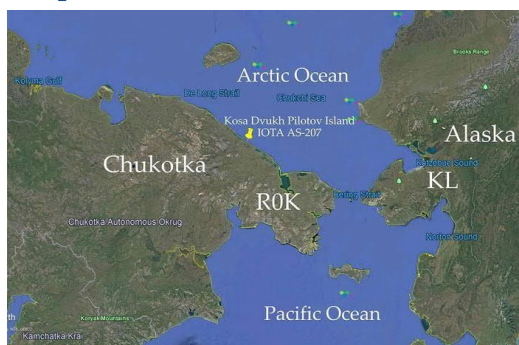
NEW HISTORY MATERIAL AT <<http://www.ontheshortwaves.com>>

The mid-1930s were the end of the line for the famous radio manufacturer Atwater Kent; the company closed in 1936. But two years prior to that they issued the "Atwater Kent World-Wide Radio Station Directory." There were two editions, both issued in 1934; the first had a green cover, the second tan. They share much of the same content, but they are not identical. Note the inside back cover of the green version, where some unknown BCB DXer of almost 90 years ago entered his logs and dial readings. Both editions are posted in "DX History-II/Lists, Logs, Guides & Columns" (look for the red "New").

Under "Specialized Resources/The DX Recordings of Colin Miller," we have posted a recording of the Voice of Greece, recorded in the 1970s. And in "The DX Recordings of Tetsuya Hirahara" we have posted two recordings of R. Miskut, Nicaragua, plus photos of the station. *Tnx, Colin and Tetsuya.*

And Adrian Peterson has updated his "Wavescan" entries with eight new stories: (1) "St. Vincent Volcanic Eruption" (Wavescan N635, April 25, 2021); (2) "Ancient DX Report: 1924, Pt. 1" (Wavescan N635, April 25, 2021); (3) "The Radio Scene in Brazil: The Early Mediumwave Years; the Rest of the Story-Radio SPC Rio Becomes WNYC-New York; and WNYC on Shortwave" (Wavescan N636, May 2, 2021); (4) "The German Shortwave Service at Koenigswusterhausen-2" (Wavescan N638, May 16, 2021); (5) "The Radio Scene in The Lonely Isolated Maldive Islands-The Island of Gan" (Wavescan N640, May 30, 2021); (6) "Radio Malaysia Singapore in Two Different Countries (1942)" (Wavescan N641, June 6, 2021); (7) "Australian Shortwave Callsign VLV" (Wavescan N641, June 6, 2021); and (8) "The Original Radio Saigon (and When it Pretended to be NIROM in Batavia)" (Wavescan N644, June 27, 2021). *Tnx, as always, Adrian.*
(Jerry Berg via DXPlorer)

DX-pedition zur Kosa Dvukh Pilotov Insel



Heute eingetroffen: Die QSL Karte von der DX-pedition zur Kosa Dvukh Pilotov Insel im asiatischen und arktischen Teil Russlands mit dem Rufzeichen R207RRC. Diese Insel wurde erstmalig aktiviert! Das ist schon erstaunlich welche Mühen die OMs auf sich nehmen. Eine schöne Bildergalerie findet man unter: <http://r207rrc.ru/fotogalereya> (Andreas Ibold via A-DX)

R207RRC CHUKCHI SEA COAST CENTRE GROUP
KOSA DVUKH PILOTOV ISL., IOTA AS-207

TO RADIO:
DL1DXX
Date UTC Band RST 2X
06-Apr-2020 15:00 20m 599 CW
07-Apr-2020 06:00 20m 59 SSB

CFM QSO/TNX QSL 73! R207RRC TEAM

QSL via UA3AKO e-mail: ua3ako@mail.ru, http://r207rrc.ru 73!

EQUIPMENT:
RIGs: Elecraft K-3 - 2, ICOM IC-7200 - 1, FT-897 - 1
AMPs: 500 watts - 2, 700 watts - 1
ANTs: 20 m - 45Q GP, 40/30/17/15 m - monoband GPs
Generators: 3.2 kW - 2 (main and backup)

Many thanks for support of the expedition:
UA3AB, RA3NAN, RL3AA, RE3AG, UA4GC, R3DR and many others...

DX news.com
More than just DX News

[bdxc-news] Two new Dutch stations registered on shortwave

A Dutch station is newly registered on HFCC's Global HF schedule from 28 June to 29 October 2021:

Radio Europe Netherlands (EUR) registered daily 24hrs on 5975 kHz with 1 kilowatt.

HFCC shows transmitter site as ADR (=Adra Syria - clearly a typo!). It should be AAR Alphen aan den Rijn (in province of South Holland (Zuid Holland ZH)).

Another Dutch station newly registered on HFCC from 29 July to 27 October 2021:

Offshore Music Radio (OMR) registered daily 24hrs on frequencies below with 1 kilowatt: 6170, 7215, 7275, 15270, 17515 kHz

Transmitter site is Nijmegen (NIJ), the city in eastern Netherlands in the province of Gelderland, near the German border. OMR's website is: <http://omr-oldies.com/>

[N.B.: HFCC registration doesn't mean the stations will necessarily be on air on all these days/times/frequencies!]

(73, Alan Pennington, Caversham, UK via WOR)

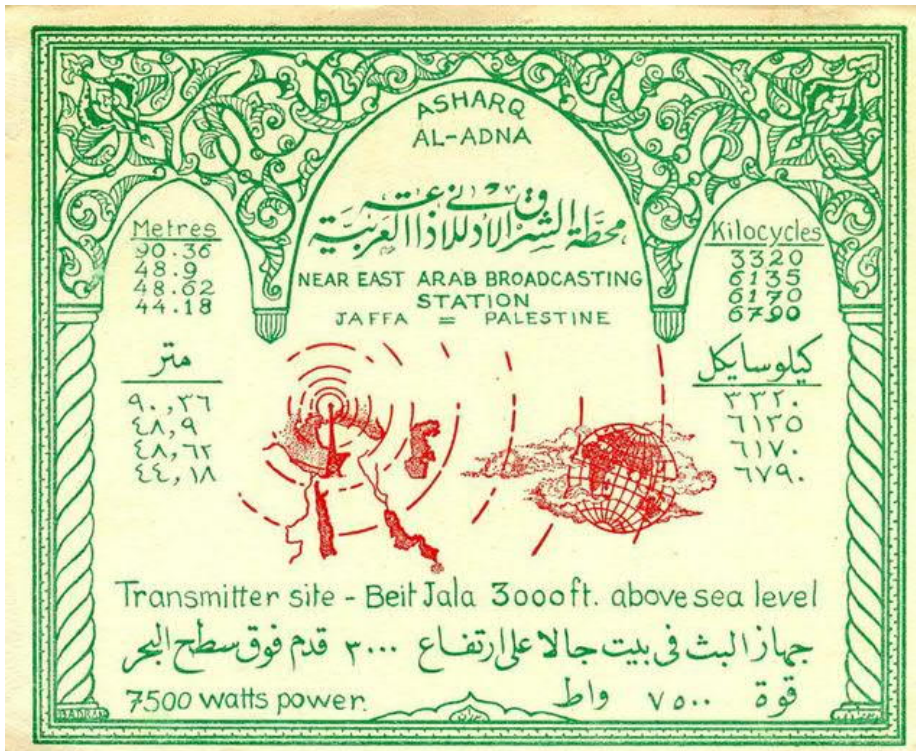
[A-DX] Lesetipp: Das Autoradio wird 100 Jahre alt

"Seinen Ursprung hat das Autoradio in den frühen 1920er-Jahren in den USA. Was zunächst Einzelstücke von Bastlern waren, gelangte bald zu breiter Beliebtheit unter der wachsenden Autofahrer-Fraktion - trotz fragiler Röhrentechnik, klobiger Gehäuse und der quer über die Windschutzscheiben gespannten Antennendrähte. In Europa kamen die Autoradios erst ein knappes Jahrzehnt später an. Das erste Seriengerät war das "Blaupunkt Autosuper 5" von Bosch, das 1932 auf der Funkausstellung in Berlin präsentiert wurde."

<https://www.n-tv.de/auto/So-fing-es-an-mit-dem-Autoradio-article22663144.html>

(73 Tom, DF5JL via A-DX)

Radio-Kurier - weltweit hören



Ein Blick zurück in ein Kapitel Rundfunkgeschichte: Asharq Al-Adna war ein Clandestinesender, der von 1941 bis 1956 von britischen Behörden betrieben wurde. Man sendete seinerzeit auf mehreren Kurzwellenfrequenzen in arabischer Sprache.

(Christoph Ratzler via A-DX)

Sharq al-Adna or the Near East Arab Broadcasting Station was a covert, British radio station which broadcast in Arabic from 1941 to 1956, at first from Palestine before moving to Cyprus in 1948, where it posed as a commercial station but was in reality controlled by British Special Intelligence Services until it was commandeered by the military at the time of Suez. In the intervening fifteen years, its mainly Arab staff, loosely supervised by a small number of British

personnel broadcast a mixture of music, drama, discussion, educational and religious material, together with a subtle British slant to its news output. Based on archival sources including the memoirs of some of those involved some material originally published in Arabic, this article assesses the station's contribution to British propaganda efforts in the Middle East and to the development of Arab broadcasting.

(McNicholas, A. 2020. Sharq al-Adna: British Covert Radio and the Development of Arab Broadcasting. *Middle East Journal of Culture and Communication*. 13 (3), pp. 237-255. <https://doi.org/10.1163/18739865-20201000>)

Russian Woodpecker Antenna Array Now a Cultural Heritage Site

The massive Duga-1 antenna array that transmitted the obnoxious and infuriating "Russian Woodpecker" HF signal from the 1970s until the late 1980s is now a cultural heritage site. The array, located near Chernobyl in Ukraine, was part of an over-the-horizon radar (OTH-R) system designed to detect and offer early warning of incoming ballistic missiles from the US. A complementary receiver site was located some 40 miles away. While the system was operating, its broad rat-a-tat signal, typically at a 10 Hz rate, caused severe interference in the amateur bands.

The Chernobyl nuclear power plant disaster and the end of the Cold War preceded the end of the system and the interference it caused. NATO military intelligence discovered and photographed the structure, which it dubbed "Steel Yard." Nearly 2,300 feet long and more than 450 feet tall, the steel beams of the radar array are in the Chernobyl exclusion zone tower above the surrounding forest. Seen from a distance, it appears to be a massive wall or the start of a cage.

As Vice recently reported, the Association of Chernobyl Tour Operators was the first to announce that Ukraine had made Duga-1 a protected heritage site. The Russian Interfax news service later reported the official designation. "Our heritage is not only the area around the power plant but also the buildings located on its territory," Oleksandr Tkachenko, Ukraine's Minister of Culture and Information Policy, said in a Telegram thread about the announcement. "So now we are working on identifying other objects that should be part of the list of monuments. Our goal is to prevent destruction when possible."

A Duga array seen from a distance. [Ingmar Runge photo]

The Soviet Union deployed two similar OTH-R installations -- known as Duga-1 and Duga-2 -- the one near Chernobyl and another in eastern Siberia. Transmitter power levels were rumoured to be in the 10-megawatt EIRP range. Duga-1 was the focus of a 2015 documentary, *The Russian Woodpecker*, by Chad Gracia. The film includes interviews with Duga Commander Vladimir Musiets and others involved in building and operating the OTH-R system. The production was a 2015 Sundance Film Festival winner in the documentary category. In recent years, the Duga-1 radar has also played a role in other films, as well as in various video games and novels (ARRL, via Phil Brennan)

(July 2021 - Australian DX News via WOR)

NASA Spots Powerful X-Class Solar Flare for The First Time in Five Years Rob Waugh Wed, July 7, 2021

NASA has spotted an X-class solar flare (the most powerful solar flares) on the surface of the sun - the first such flare since 2017. The flare produced a pulse of X-rays which hit Earth's atmosphere and blacked out shortwave radio signals over the Atlantic. The X-Class flare is a sign that the sun is beginning a new cycle of activity - Solar Cycle 25 - which is set to peak in July 2025.

Other signs that the solar cycle is becoming more active include recent coronal loops of plasma spotted on telescopes. NASA said: "Solar flares are powerful bursts of radiation. Harmful radiation from a flare cannot pass through Earth's atmosphere to physically affect humans on the ground." However - when intense enough - they can disturb the atmosphere in the layer where GPS and communications signals travel.'

X-class flares are the most powerful solar flares: the one this week was ranked X1.5 -X-class denotes the most intense flares, while the number provides more information about its strength. An X2 is twice as intense as an X1, an X3 is three times as intense, etc. The most powerful on record was an X28 in November 2003. NASA's orbiting Solar Dynamics Observatory spotted the flare over the weekend. The Solar Dynamics Observatory blog wrote:

"At 1430 UTC on July 3, 2021, the first X-class flare (actually an X1.5 flare) of Solar Cycle 25 was seen on the Sun." There were also several B and C flares, and even one M flare in the day before the X1.5 flare. "There was no active region associated with the X1.5 flare. A large region of magnetic field that was rotating off the disk is probably the home of the flares."

Solar Cycle 25 is starting to get more interesting!

"The Solar Cycle 25 Prediction Panel, an international group of experts co-sponsored by NASA and NOAA, announced that solar minimum occurred in December 2019, marking the start of a new solar cycle. Scientists use sunspots to track solar cycle progress. The dark blotches on the Sun are associated with solar activity, often as the origins for giant explosions (such as solar flares or coronal mass ejections) which can spew light, energy, and solar material into space.

Lika Guhathakurta, solar scientist at the Heliophysics Division at NASA Headquarters in Washington said in December, 'As we emerge from solar minimum and approach Cycle 25's maximum, it is important to remember solar activity never stops; it changes form as the pendulum swings.' Solar Cycle 25 is anticipated to be as strong as the last solar cycle, which was a below-average cycle, but not without risk. (Yahoo! News) (July 2021 - Australian DX News via WOR)

Ham Radio Helping Lifelong Hobbyists Stay Mentally Fit in Old Age

Australia's ABC News has an excellent article on the benefits of amateur radio in old age - which says: It comes with all the benefits of social media but without 'any of the downsides' - and one of Australia's oldest ham radio enthusiasts says it is also the perfect hobby for retirees looking to stay mentally sharp... Read the full ABC News item, and watch the video at:

<https://www.abc.net.au/news/2018-06-27/ham-radio-helping-older-hobbyists-stay-mentally-fit/9908468>

(Graham, VK4BB via Southgate ARC News)

Chris Martin, Lower Beechmont, QLD (AOR 7030+ with 450-meter beverage, aimed 80 deg, running on 12-volt RV battery) Just a short muse this month as have been away from the DX shack.

Pleased to have Radio Kiribati back on MW [1440] after a few months off air. Still putting in a potent signal here, obliterating SBS Canberra in the evenings. Noted to s/off approx. 0940z (variable) with national song and tone for 10 seconds then carrier removed. Hearing it nightly.

Also have noted KBLA Santa Monica on 1580 kHz has new format: "Unapologetically Progressive" giving phone as 800 920 1580 for the 'Daily Deep Dive'. Big signal at 15dB/9. And finally, this month XEEP Mexico City on 1060 kHz is back and dominant, can be heard in around 0830z// with SW 6185 kHz. Regular too. Cheers. Good DX. Utility DX Report Editor: John Volpato

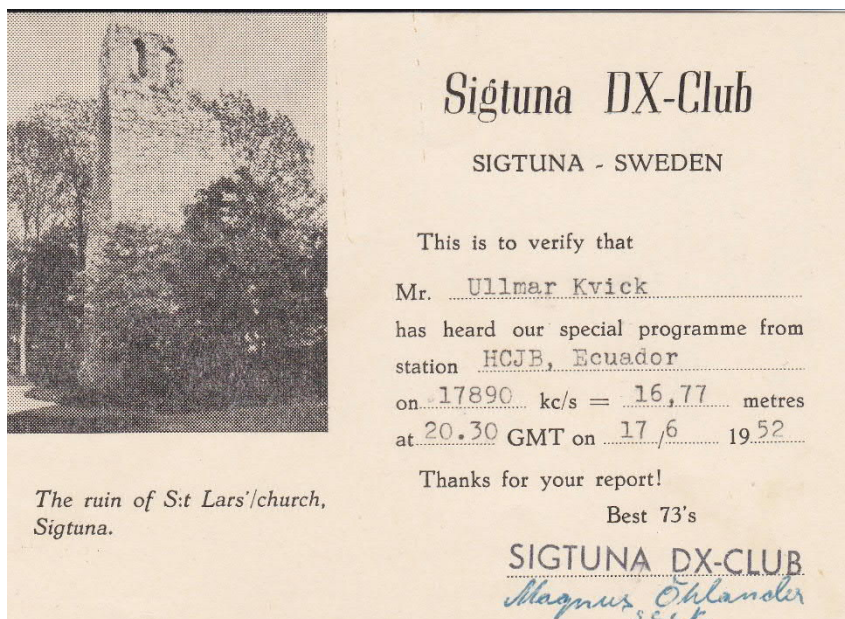
If you are a CW aficionado or even if you are not - it might be worth tuning into the Maritime Radio Historical Society (MRHS) Night of Nights Broadcasts on the 12th of July. The MRHS maintain and operate the historic US coast stations KPH and KFS (I remember hearing them in the 80's) See

<https://myemail.constantcontact.com/Special-Bulletin-6-July-2021.html?soid=1109843077277&aid=QRpsH0b44JM&fbclid=IwAR3TtEle5yqoPvOVLeS-542aRABXi0kTm-cqxFxBKPkE8n2Kfm-OcGkg74>

{Note: homepage <http://radiomarine.org/> still leads with Night of Nights XXI Canceled - but that was about last year! I haven't found above notice on own site --- gh} (July 2021 - Australian DX News via WOR)

DX nostalgia by RFK

Welcome to some more DX nostalgia! This may also be other things than QSL cards which I hope this column will show. At first let's have a look at a club QSL from Sigtuna DX-Club for a transmission over HCJB in Ecuador received by Ullmar Quick UQ in 1952. At the time the club was running a DX contest where the contestants were required to report Latin American stations and in order to qualify for a prize they also had to receive a QSL from each station before the deadline. Letters were sent out inviting DX-ers to join the club to be able to participate in the contest. The membership fee was to be paid before July 10 1952 and the winner would be the one who had received the most QSLs from this area by February 1, 1953. The club wrote in a letter "as we don't know how many members we will have by July 10 and thus the funds of our account the list of prizes will be published later, however at the latest on October 1, 1952." I don't know whether UQ got a prize but at least he got this QSL card. The card was scanned by John Ekwall JOE.



A 1950s photo of Dalecarlian DX-er and ham Lennart Hane SM4CQQ in front of his receiver. Photo from the collection of Lars Rydén LR.



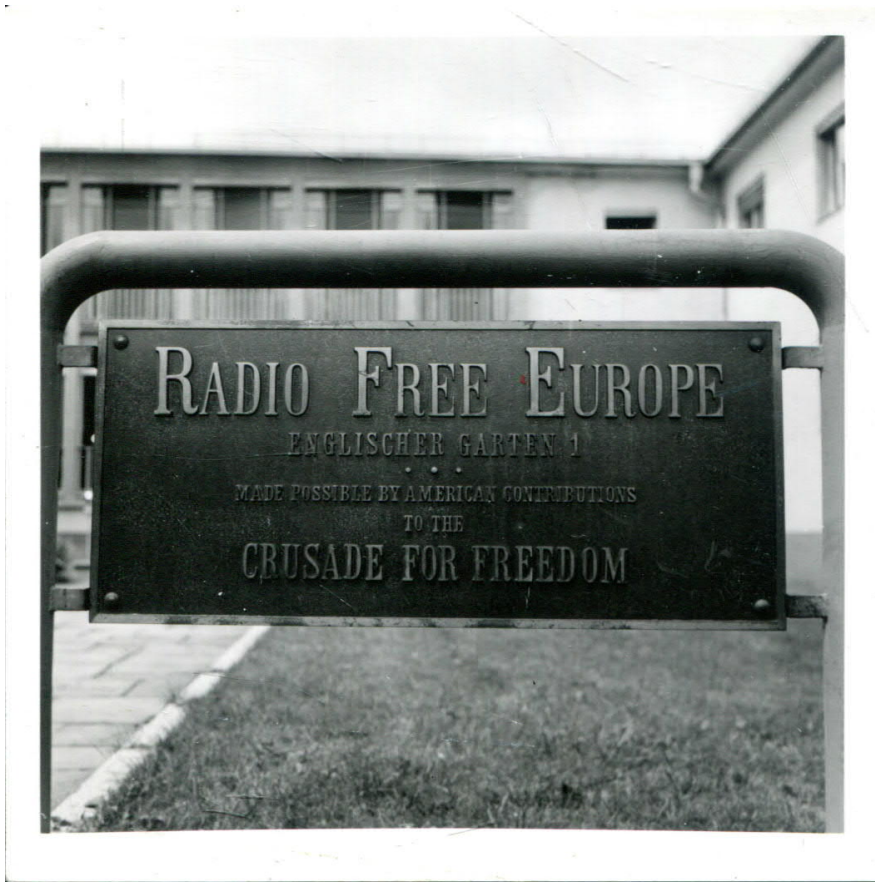
Another 1950s photo from the collection of LR. To the right we see our old friend the late Odd Pål (previously Johansson). The fiddler to the left unknown. Obviously a recording session was taking place, probably for being broadcast over some foreign radio station.



LR while visiting Radio Beijing and a member of the English staff. This man had an interesting sideline as he also sold advertising for local station Easy FM on MW 1251 kHz plus FM. LR bought several commercials on behalf of his employer the SAS (Scandinavian Airlines System). The advertising agent received a yearly flight ticket to London as compensation for his efforts.



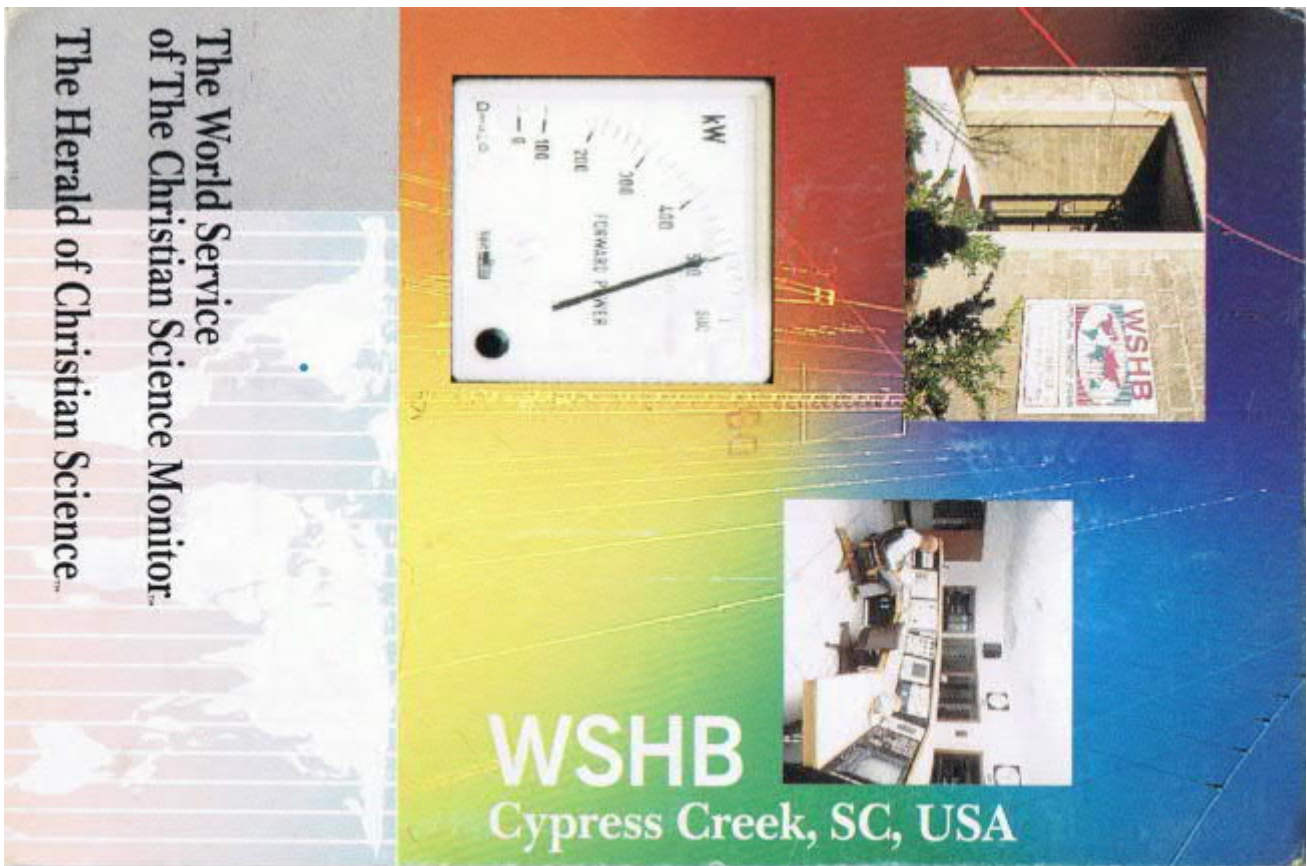
LR was a trainee in Munich in 1957-58 and at this time he visited Radio Free Europe. He was not allowed into the premises but he received some photos and info. Here we see the entrance.



A studio picture from Radio Free Europe, from the collection of LR.



A QSL card received by Kanwar Sandhu for a reception report of station WSHB of Cypress Creek, South Carolina, U.S.A. The station was operated by Herald Broadcasting, a section of the newspaper the Christian Science Monitor, from 1988 to 2004 and was then taken over by LeSEA Broadcasting.



The World Service
of The Christian Science Monitor
The Herald of Christian Science

WSHB
Cypress Creek, SC, USA

WSHB Cypress Creek, South Carolina, U.S.A.
Photographs of the front entrance, a gauge on one of our two 500 kilowatt transmitters, and the control room, with an unusual shot of one of the five dipole curtain antenna arrays as background.

QSL Verification Card

Date	5th	Time (UTC)	02.00	kHz	13760
Date	May	Heure	02.25		
Datum	1990	Zeit			
Fecha		Hora			

Program details/Résumé de l'émission
Programmdetails/Sumario del programa

News: US Secy of state Baker
and Soviet Foreign Minister
Edward were in Bonn, West
Germany last Friday. Spanish

This signed card confirms your reception report. Thank you for tuning in to WSHB. We invite you to continue listening. Please feel free to write again with comments about our programming or questions for Letterbox.

VERIFIED WSHB
Judy P. Cooke
Signature of WSHB Staff

World Service/Herald • P.O. Box 860 • Boston, MA 02123 U.S.A.



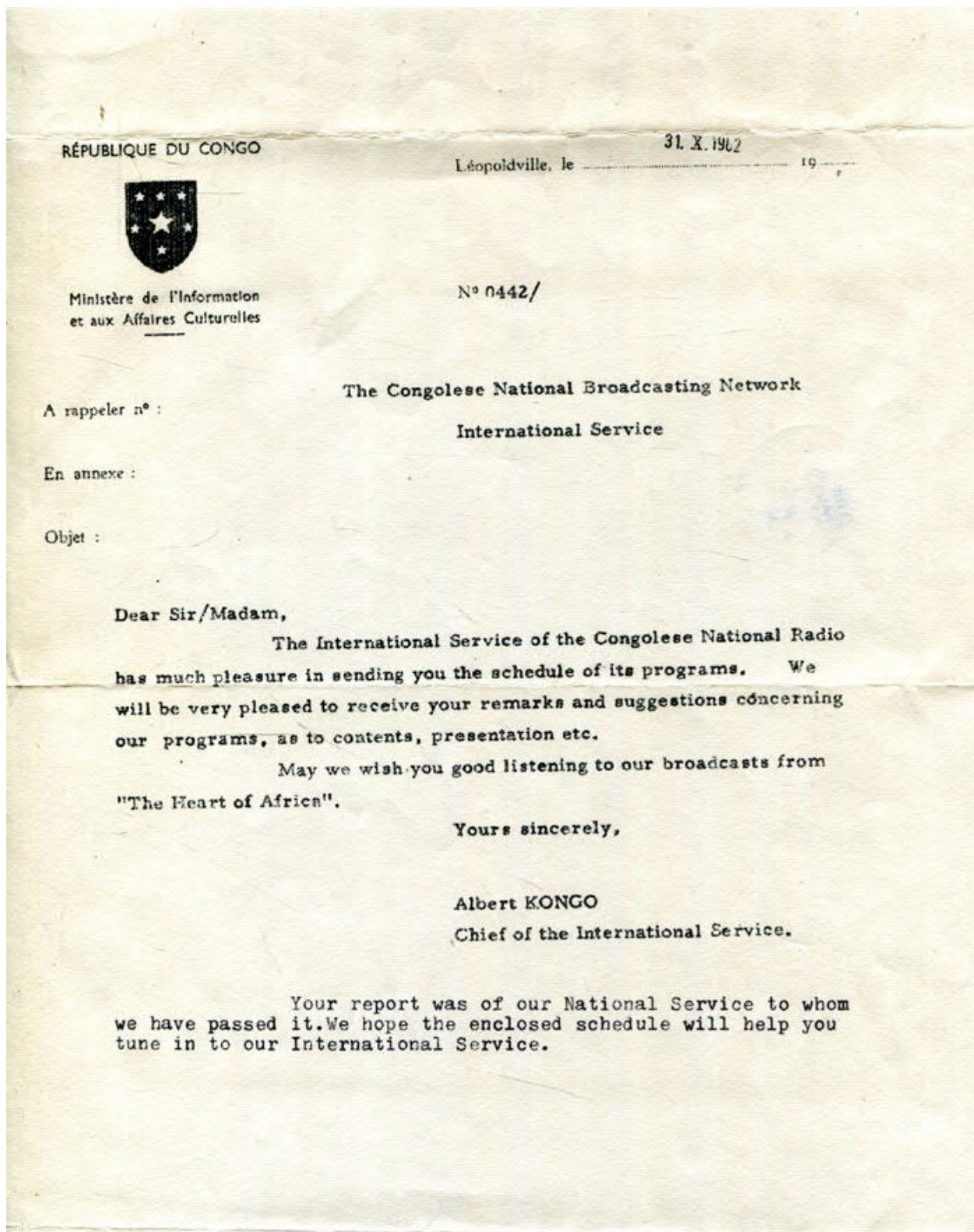
Mr. Kanwar Sandhu
Name/Nom/Name/Nombre

408 Krishna Nagar
Address/Adresse/Adresse/Dirección

Ludhiana -141 001

Punjab, INDIA

Finally a letter from the collection of Lars-Olof Hansson. It is not really a QSL as his report was forwarded to the national service but anyway worth noticing because of the name of the Chief of the International Service: Albert Kongo. Until next time: take care, stay safe and GOOD DX!



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