

# SHORTWAVE BULLETIN

Issue no. 1833, Sept 27, 2015.

Deadline e-mail next issue: 0800 UTC, Oct 11, 2015.

I morse vaknade vi till en riktigt fin höstdag med morgondimma och nära noll.

En hel del trevliga bidrag har kommit till detta nummer och som vanligt blir tipsspalten omfattande. Ni får ha överseende med att samma station återkommer på samma frekvens. Jag har valt att i princip ta med alla de loggar som kommer in från var och en. Om en station loggas igen vid ett senare tillfälle, så tas bara den senaste loggningen med.

Trots att så få stationer finns kvar på tropikbanden så finns det några frekvenser som är intressanta att följa. Bl a 4760, 4785 och 6160. Signalerna här är oftast väldigt svaga vilket oftast omöjliggör ID. Här behöver vi ytterligare input.

Stig Hartvig Nielsen (SHN) har lagt upp ett antal audio clips på sin hemsida. Jag kommer att lägga upp en länk till dessa sidor också på min egen hemsida där övriga ljudclip finns. Tack SHN för dessa fina clip.

Keep on ....

=====

Redaktion:

Thomas Nilsson

E-mail:

[thomas.nilsson@ektv.nu](mailto:thomas.nilsson@ektv.nu)

## SWB-info

SWB on HCDX:

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

SWB member information:

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

Dateline Bogotá 1993-1998:

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

SWB latest issue/archive:

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

## QSL, kommentarer, mm.

### The 48th Conference of the European Council in St. Petersburg (18 - 22 September 2015)

The immediate organizer of this interesting event for all fans of our hobby in Russia for the second time became St.Petersburg DX Club.

According to the "schedule", the meeting was attended by 34 people, of which 23 were Russian, though, in fact, "our" was less. Delegates from Moscow was our friendly company of three people. Unfortunately, because of a difference of opinion on the situation in Ukraine, foreign participants was lower than in 2006: four were Finland, the same - the United Kingdom, two - Germany and one, or rather one, representative of Denmark. But those who attended were glad to meet again with his old colleagues on hobby and enjoy reminiscing about the first meeting.

A more detailed report I will try to lay out a little later, and now invite all to listen to today (25.09, Friday) after 18:10 "Petersburg's hour" on the waves R. Liberty, which should come out interviews with some of the participants of our meeting.

Anatoly Klepov ([www.dxing.ru](http://www.dxing.ru))

**Christer Brunström: WHRI 11635** snyggt kort med anledning av stationens 30-årsjubileum. Det tog tid för kortet att nå fram till Halmstad eftersom det av misstag sänts till Papua Nya Guinea.

**Johan Letterstål:**  
Magic dusk @  
QTH Herte, Gotland



**Anker Petersen.** Kære alle. I dag modtog jeg vedhæftede **QSL fra Hörby Radioforening**, som bare sender een dag om året (5/9/2015). Forsiden viser det tidligere kontrolrum på Hörby SW sender, mens bagsiden bl.a. beskriver det sendeanlæg, jeg hørte.



Cover: Controlroom of Hörby shortwave station.

Dear Sir/Madame,  
We hereby have the pleasure to verify your reception report.

Date: 5/9-2015 Frequency: kHz 1179 Time: UTC 09.35-10.00

Prövsändringen Rön "Hörby Malfersväg 1179 kHz" den 2-9 september 2015. Antennen var ca 15 m hög snett försedd med toppkapacitans i form av fyra 30 m långa topplinor. Jordplanet bestod av fyra 30 m långa radlinor uppöppade i en övre marken. Den utsträdda effekten beräknades till 5 W PEP ERP. Anläggningen var placerad i Östra Sällarp ca 6 km sydost Hörby i mitten av Skåne. Vetsändningen arrangerades av Hörby Radioforening (HRF) i samarbete med Föreningen Experimentörande Radiamatörer (ESR) samt Sveriges Radiohistoriska Förening (SRF).



**Erik Köie.** Til lykke med det! Flot! Jeg kunne som nævnt ikke høre den, heller ikke i bilen. Øv. Og jeg kan heller ikke høre Bergen på 5895, som kører i øjeblikket. Derimod hørte jeg Congo på 6115 i aften 18 ut via Twente + VoAs specielle Radiogram udsendelse til EU., European Researchers' Night.

*(Grattis till detta fina QSL! /Thomas)*

**Stig Hartvig Nielsen.** My TEN-TEC RX-340 professional DX-receiver with Digital Signal Processing - incl. loudspeaker - now for sale.

Frequency coverage is from 50 kHz to 30 MHz in steps of 1/10/50/100/1000/5000/ 9000/10000/100000 Hz. Includes 57 bandwidths selectable from .1 kHz to 16 kHz. Excellent sensitivity. Comes in good condition. Technical manual and original box included. TEN-TEC RX-340 gets 4,8 points out of 5 on eham.net.

Included is the TEN-TEC 307 loudspeaker. Very, very good sound. Gets 5,0 points out of 5 on eham.net.

Price for my RX-340 and 307: Only 21,000 DKK (= approx. 26,400 SE = approx. 2,815 euro = approx. 2,045 GBP).

Postage and insurance is extra (between 450 and 800 DKK to Europe)

Picture here: <http://ham.brugtgrej.dk/annonce/126055>

Contact: Stig Hartvig Nielsen at [hartvig \(at\) wmr.dk](mailto:hartvig@wmr.dk)

**Stig Hartvig Nielsen (forts).** I have uploaded on SoundCloud some audio clips with ID's from among others Latin-American radio-stations: <https://soundcloud.com/stig-hartvig-nielsen>

These are lists of stations which I heard on Short Wave (60 and 49 mts), Medium Wave and FM in Cochabamba, Bolivia, late January 2014 - incl. links to station ID's of some of the stations on SoundCloud:

**SHORT WAVE:** Band scan of Latin American radio stations heard on 60 and 49 meters (4700-6300 kHz) in Tiquipaya, Cochabamba, Bolivia, in January 2014 using my Perseus SDR-receiver and a Wellbrook loop outdoor. Evening 23-03 UTC and morning at 09-11 UTC. (At 21 UTC only two stations were heard: 6025 quite weak and 6135 at good level). Notice that only Latin American stations are included in this list. Also many Chinese, some North American and a couple of European stations were heard. Not all stations ID'ed.

§ = station ID included here: <https://soundcloud.com/stig-hartvig-nielsen/cochabamba-sw-dial>

4700	Radio San Miguel, Riberalta, Bolivia - §	5040	Radio Habana Cuba, Cuba
4716.7	Radio Yura, Yura, Bolivia - § (two clips)	5910	Alcaraván Radio, Lomalinda, Colombia - §
4747	Radio Huanta 2000, Huanta, Peru	5939.9	Voz Missionaria, Camboriú, Brazil
4755	Brazil (morning only)	5952.4	Radio Pio XII, Siglo Veite, Bolivia
4774.9	Radio Tarma, Tarma, Peru	5970	Brazil?
4805	Radio Difusora do Amazonas, Manaus, Brazil	5980	Radio Chaski, Urubamba, Peru - §
4810	Radio Logos, Chazuta, Peru - §	6000	Brazil?
4815	Radio Difusora, Londrina, Brazil	6010	Brazil
4835	Radio Ondas del Sur Oriente, Quillabamba, Peru - §	6025	Red Patria Nueva, La Paz, Bolivia - §
4845	Two stations, probably both from Brazil	6050	HCBJ, Quito, Ecuador - §
4863.5	Radio Alvorada, Londrina, Brazil	6060	RAE, Argentina - §
4865	Radio Verdes Florestas, Cruzeiro do Sul, Brazil - §	6080	Radio Marumby, Curitiba, Brazil - §
4875	Brazil	6090	Radio Bandeirantes, São Paulo, Brazil
4885	Brazilian stations	6090	Caribbean Beacon, Anguilla
4925.3	Brazil	6105	Radio Filadélfia, Foz do Iguacu, Brazil
4940	Radio San Antonio, Villa Atalaya, Peru	6105.4	Radio Panamericana, La Paz, Bolivia - § (Only

4955	Radio Cultural Amauta, Huanta, Peru	6120	heard after 1100 UTC; unheard evenings)
4985	Radio Brasil Central, Goiânia, Brazil	6134.8	Super Radio Deus é Amor, São Paulo, Brazil
4985.5	Radio Voz Cristiana, Chilca, Peru	6135	Radio Santa Cruz, Santa Cruz, Bolivia - § (two clips)
5014.95	Brazil	6135	Radio Aparecida, Aparecida, Brazil
5024.9	Radio Quillabamba, Quillabamba, Peru - §	6155.1	Radio Fides, La Paz, Bolivia
5025	Radio Rebelde, Cuba	6173.9	Radio Tawantinsuyo, Cusco, Peru - §
5035	Radio Aparecida, Aparecida, Brazil	6180	Radio Nacional da Amazônia, Brazil - §
5040	Radio Libertad, Junín, Peru		

**MEDIUM WAVE:** Recordings of radio stations heard on Medium Wave in Tiquipaya, Cochabamba, Bolivia, in January 2014 using my Perseus SDR-receiver and a Wellbrook loop outdoor. Daytime only – so no DX.

§ = Recordings of station identification included here: <https://soundcloud.com/stig-hartvig-nielsen/cochabamba-am-dial>

**FM:** List of radio stations heard on FM in Tiquipaya, Bolivia, in January 2014 using my Perseus SDR-receiver and a simple dipole aerial.

§ = Recordings of station identification included here: <https://soundcloud.com/stig-hartvig-nielsen/cochabamba-fm-dial>

*On my website at <http://www.thomasn.sverige.net/> there are already a lot of audio clips from many sources and I will add those links as well. /Thomas*

## Log

(UTC)

2598-U	Sep17	0118	YL robot with weather in English, very poor. Per <a href="http://www.dxinfocentre.com/mb.htm">http://www.dxinfocentre.com/mb.htm</a> starting at 0107 is VCM in St. Anthony, at the northern tip (which I really enjoyed visiting many summers ago); 2598 is time-shared with five other N&L and one nearby QC marine weather station. Nothing heard from closer NS net 2749-USB at the moment (Glenn Hauser, OK)
2485	Sep26	1153	ABC Katherine NT (very poor) // 4835, ABC Alice Springs NT (fair) // 9580, RA (good) // 12065, RA (very poor); 1153, Sept 26 with live "Grandstand" coverage of West Coast vs North Melbourne. Unable to heard 2325 (ABC Tennant Creek NT) nor RA on 12085 (Ron Howard, Asilomar State Beach, CA, USA)
3275			NBC Southern Highlands and 3365, NBC Milne Bay, both off the air Sept 26 at 1232 and subsequent checking; both station recently on air erratically (Ron Howard, Asilomar State Beach, CA, USA)
3310	Sep25	0118	Radio Mosoj Chaski, Cochabamba, Quechua, comments. 14321. (Méndez)
3324,88	Sep23	1253	& 3325.00, RRI Palangkaraya. Seems that something is going on here. Presumed them at 1253 and subsequent checking till 1403, with decent strength open carrier on exact 3325.00; nothing heard on the usual 3324.88. Sept 24 again on 3325.00 at 1142, but gone by 1246. Later at 1326 heard open carrier back on 3324.88, but much weaker than exact frequency open carrier. Is RRI testing/calibrating a new transmitter? I do not imagine it's PNG? (Ron Howard, San Francisco at Ocean Beach, CA, USA)
3324,88	Sep26	1200	[and non-logs]. RRI Palangkaraya. Only a open carrier (decent signal strength); unable to hear any audio; nothing on 3325.00. Later at 1318 some faint audio. Thanks to Atsunori Ishida for suggesting perhaps the open carrier I have recently heard on 3325.00 is a spurious signal of RRI Palangkaraya. Would seem to be a good possibility? Thanks also to Hiroyuki Komatsubara for his kind assistance. (Ron Howard, Asilomar State Beach, CA, USA)
3365			[non-log]. NBC Milne Bay was silent Sept 14 and 15; while 3275 (NBC Southern Highlands) has been heard with only an open carrier both days (presumed them). Does not look good for any meaningful reception on their Independence Day (Sept 16). Here in Calif. have not heard any trace from Wantok Radio Light on 7324.96, even with the absence of CRI on 7325, after 1000 (Ron Howard, San Francisco at Ocean Beach, CA, USA)
3905			Pro 1 RRI Merauke, Sept 26 yet another day silent; 1202 and subsequent checking. (Ron Howard, Asilomar State Beach, CA, USA)
3945	Sep25	1404	R. Vanuatu. Surprising well heard; usual long musical loop; non-stop music and never any announcements; heard after the weekday sign off of "RN2" (Japan); my local sunrise at 1358 UT. It will be recalled that the song "You Are the Only One" is by far the most frequently played song here. Sung by the group "Black Brothers," who in 1979 came to Vanuatu, to live in self-imposed exile, in protest against Indonesian government policies and human rights violations. The group was originally from West Papua. Today "You Are the Only One" was played at 1417 and again at 1431. Song on YouTube - <a href="https://www.youtube.com/watch?v=nJewMMjmTRQ">https://www.youtube.com/watch?v=nJewMMjmTRQ</a> (Ron Howard, Asilomar State Beach, CA, USA)

4026	Sep25	1820	Laser Hot Hits again a regular here, pop music, E ID. 35444 (SHN)
4055	Sep25	-0610*	Radio Verdad, Chiquimula, religious songs and comments in English, identification in various languages, anthem and close. 14321. (Méndez)
4055	Sep26	0505	Radio Verdad, religious music, E ID. 23432 (SHN)
4749,95	Sep15	*2130-	RRI Makassar with s/o at this time. Weaker than nearby Quinghai on 4749,99. (TN)
4750-	Sep16	1200	music past hourtop, but 1201 sounds like Indonesian, variety of M&W voices, maybe woman is anchor in newscasts; 1209 mentions Indonesia; 1213 ``Informasi``, 4-note jingle; past 1216. So RRI Makassar is reactivated as reported by Ron Howard a few days ago. Problem with 4750 is that China and Bangladesh are also on it; however, I'm getting only one station now, and during previous activity, Makassar would typically be the best or only signal. And this one is slightly on lo side, as measured by Thomas Nilsson on 4749.95; 4749.947 by Wolfgang Büschel. Atsunori Ishida says it was last heard on May 15, 2014, except for some rare unID signals. Also a much weaker JBA carrier on 4870-, presumably Wamena; and even weaker JBACs on 3905, 3325, 9526-, possibly the rest of the RRI's (Glenn Hauser, OK)
4750-	Sep26	1240	[and non]. RRI Makassar, Sulawesi, with songs but no respite today from LAH 4750.0 QRM de Bangladesh or China. Also find Asian carriers on 4800, 4870, 4895, 4920, 4970, 5010, 5040, 5050. And as always much bigger signals from 4940 China, 4835 Australia (Glenn Hauser, OK)
4750	Sep26	1202	Pro 4 RRI Makassar. Jakarta news; 1222 patriotic song "Garuda Pancasila," followed by the usual canned ID - "FM Programa Empat RRI Makassar"; almost fair. (Ron Howard, Asilomar State Beach, CA, USA)
4760,008	Sep13	*2355-	AIR Port Blair signing on at this time. Much better signal than in the afternoon this early in the season. TN
4765	Sep22	0140	R Progreso, Cuba, nice songs, good (Bernardini)
4765,00	Sep19	0125	Tajik R 1, Yangiyul Tajik folksongs, Tajik ann 0130. QRM 4765 R Progreso, La Habana Cuba (AP-DNK)
4775	Sep17	2113	R. Congonhas, Congonhas MG, recitação do terço; 35332. (Carlos Gonçalves)
4775	Sep22	-0201*	Radio Tarma, Peru, talks, fair, s.off (Bernardini)
4784,993	Sep15	2356	R Caiari with "Com mae e Aparecida" and ID at 0003 and promo for A Voz do Brazil. A much weaker signal noted on 4785,003 at the same time and in the same direction. Maybe R Brasil de Campinas? Will be interesting to see when the latter will be regular. (TN)
4785,00	Sep19	0120	R Brasil 5000, Campinas, SP ? Very, very weak carrier, but no audio - just local ticking noise QRN (AP-DNK)
4790	Sep24	-1330*	BBC via Dushanbe; assume in scheduled Uzbek. Mostly monologue; heavy CODAR QRM. Please do not think this is reactivation of RRI Fak Fak (Indonesia) - it's not! CODAR is especially prevalent locally, along the Monterey and Santa Cruz County coastline. The one drawback with my daily listening to SW at Asilomar State Beach (near Monterey), is that I am in fairly close proximity to the CODAR locations (Ron Howard, Asilomar State Beach, CA, USA)
4805	Sep18	2146	R. Dif. <sup>a</sup> do Amazonas, Manaus AM, noticiário, curta oração, anúncios comerc., informações várias; 44332, QRM de CODAR. (Carlos Gonçalves)
4810	Sep12	1743*	AIR Bhopal, India, end BC, signal off, fair (Bernardini)
4810	Sep23	1730	AIR, Bhopal, English, news. //5910, 4920, 4910. 14321. (Méndez)
4835	Sep17	2110	VL8A, Alice Springs, Territ. <sup>o</sup> do Norte, inglês, notícias, info. meteor., até às 2104, texto, chamadas de ouvintes; 45343. 0844-desvan. total 0915, 18/9, inglês, noticiário; 25342. (Carlos Gonçalves)
4835	Sep12	1745	VL8A ABC Alice Springs, Australia, talks, fair (Bernardini)
4835,00	Sep25	2040	VL8A, Alice Springs, NT English talk and music 35232 (AP-DNK)
4845	Sep18	2143	R. Cultura do Amazonas, Manaus AM, noticiário regional Repórter Amazônia, findo o qual passaram canções; 45443. (Carlos Gonçalves)
4845,0	Sep17	0116	sounds like futebol in Brazuguese, with splash from WWCR 4840. Daniel Wyllyans reported as of Sept 9 that R. Meteorologia Paulista had reactivated, clashing with R. Cultura in Manaus. More likely the former with the game, and BTW, weather monicker appears to be outdated/legacy (Glenn Hauser, OK)
4845,01	Sep19	0135	R Cultura Ondas Tropicais, Manaus, AM Portuguese conversation (AP-DNK)
4864,64	Sep19	0145	R Alvorada, Londrina, PR (tent.). Portuguese talk, 12311, QRM 4865.03 (AP-DNK)
4865,03	Sep19	0145	R Verdes Florestas, Cruzeiro do Sul, AC. Portuguese talk, QRM 4864.64 (AP-DNK)
4869,88	Sep26	1202	RRI Wamena. Back again, after being off the air yesterday; as usual on Saturday, they did not run the Jakarta news relay, but instead had their own music program. (Ron Howard, Asilomar State Beach, CA, USA)
4870	Sep25	-1530*	Sedaye Kashmir via Delhi, Indien. Sendeschluß genau um 1530 UT. Christoph
4875,1	Sep18	2145	R. Dif. <sup>a</sup> de Roraima, Boa Vista RR, informações várias, canções anúncios de progra-



			mação, curta oração, ID cantada, anúncios comerciais, anúncio das freqs. e novamente a ID, após o que se seguiu A Hora da Notícia; 45444. Numa e noutra ID, houve uma tênue diferença: na primeira, simplesmente "R.Roraima", na segunda, "Radiodifusora de Roraima". (Carlos Gonçalves)
4875,11	Sep22	0202	Radiodifusora Roraima, fair/good talks, jingle, songs, fair/good (Bernardini)
4885	Sep19	0603	Radio Clube do Pará, Belém, Brazilian songs. 14321. (Méndez)
4885	Sep14	0136	Radio Difusora Acreana, Rio Branco, Acre, Brazil OM conversa com ouvite que manda recado a outra pessoa depois tocou uma MX de Amado Batista <a href="https://www.youtube.com/watch?v=kf1-2bJqUA8">https://www.youtube.com/watch?v=kf1-2bJqUA8</a> (Daniel Wyllyans Nova Xavantina MT Brazil via HCDX)
4885,023	Sep13	2356	Radio Difusora Acreana, Rio Branco, Acre struggling with R Clube de Pará on 4885,016. (TN)
4910	Sep18	-1738*	AIR, Jaipur, Hindi music, Vernacular, comments, English, news. // 4920. (Méndez)
4910	Sep20	2133	VL8T, Tennant Creek, Territ° do Norte, inglês, noticiário; 35231. (Carlos Gonçalves)
4915	Sep17	2103	R. Daqui, Goiânia GO, canções; 45343. (Carlos Gonçalves)
4920	Sep18	-1738*	AIR, Chennai, Hindi music, Vernacular, comments, at 1930: "All India Radio, the news", news in English. 14321. (Méndez)
4930,00	Sep25	2045	VOA, Moepeng Hill English ann, music 35232 (AP-DNK)
4939,94	Sep21	1540	Haixia Zhi Sheng or "Voice of Strait Broadcast Station" with nice mx. TN
4940	Sep26	1500	Voice of Strait with "Focus on China". After many years of my monitoring this show, today heard with a new, more upbeat format. This Saturday only program in English still has news items (many reports given by native speaker of English), but also played four pop songs in English (in the past never played music). Nice IDs between every news item - <b>"You are now listening to Focus on China, Voice of Strait Broadcast Station"</b> ; Harvard Medical Journal finds eating chili peppers may prolong ones life; 1530 ID <b>"This is the Voice of Taiwan Strait News Radio."</b> In another month this will have even better reception. Audio at <a href="https://app.box.com/s/8v8pib8upmh6ofin0gkxzggpks70k4w">https://app.box.com/s/8v8pib8upmh6ofin0gkxzggpks70k4w</a> (Ron Howard, Asilomar State Beach, CA, USA)
4940.00	Sep25	-2100*	VOA, Pinheira Hausa ann, songs, talk about Nigeria, ID 45343 (AP-DNK)
4949,7	Sep17	2117	RNA-Canal "A", Mulenvos, texto, canções; 35342, modulação algo fraca. (Carlos Gonçalves)
4949,7	Sep23	0127	JBA carrier, presumed the usual RNA, as always a weak carrier here evenings on the lo side of 4950. I did not think it varied much from 4949.9, but Rumen Pankov presumed it at 1840 Sept 9 on 4951.9. Sept 13 at 0128, Manuel Méndez put it on 4949.9. But Sept 17 at 2117, (Carlos Gonçalves) also reported 4949.7, somewhat low modulation (Glenn Hauser, OK)
4970	Sep19	1600	AIR Shillong, Indien. AIR Shillong aus der Hauptstadt des indischen Bundesstaates Meghalaya ist heute gut auf 4790 kHz zu hören. Der Ort liegt in den Khasibergeren auf ungefähr 1500 Metern Höhe. Der Tropenbandsender spielt außer dem AIR Northeast Service oft eigene Musiksendungen mit Popmusik, daher lassen sich hier gut Details für einen Bericht sammeln. Christoph Ratzler via A-DX
4970	Sep26	1232	AIR Shillong. News/sports in English; series of ads in Hindi; DJ playing music by heavy metal bands (Iron Maiden, etc.); almost fair; local IDs (Ron Howard, Asilomar State Beach, CA, USA)
4985	Sep17	2107	R. Brasil Central, Goiânia GO, texto; 45343, mas o nível de modulação estava quase a zero. (Carlos Gonçalves)
4990	Sep19	0148	Radio Apintie Paramaribo MX Pop + Reggae <a href="https://www.youtube.com/watch?v=U2qodSCn7f4&amp;feature=youtu.be">https://www.youtube.com/watch?v=U2qodSCn7f4&amp;feature=youtu.be</a> (Daniel Wyllyans Nova Xavantina MT Brazil via HCDX)
5010	Sep18	1717	AIR, Thiruvananthapuram, Hindi music, Vernacular, comments, news in English at 1730. 14321. (Méndez)
5020,0	Sep15	0922	SIBC - Voice of the Nation. After anomaly of being on 9545 for the 13th, SIBC returned to their normal frequency here for the 14th & 15th; "Derek Prince Legacy Radio," religious program in English (Ron Howard, San Francisco at Ocean Beach, CA, USA)
5020	Sep23	1945	SIBC (tent) S5 signal. Just above threshold. (TN)
5025	Sep26	0137	R. Rebelde is OFF! Leaving a JBA carrier on 5024.9, presumably R. Quillabamba, PERU, as measured by both Thomas Nilsson in Sweden, and Pedro F Arrunátegui, Perú in June on 5024.92. I don't see how RQ puts up with the QubaRM in South America. 4765 R. Progreso is still on. Recheck 0627 Sept 26, Rebelde is back (Glenn Hauser, OK)
5025	Sep20	2135	VL8K, Katherine, Territ° do Norte, cf. // 4910 VL8T; 33331, QRM de teletipo. (Carlos Gonçalves)
5035	Sep17	2109	R. Aparecida, Aparecida SP, prgr. Cantinho Sertanejo; 35332. (Carlos Gonçalves)

5040	Sep22	0207	R Habana, Cuba, reports, Spanish, very good (Bernardini)
5050	Sep17	1320	Beibu Bay Radio (BBR). Continuing to have a Chinese/English segment. Sounds like "Are you ready? Hi everyone. This is Beibu Bay Radio, the Voice of Guangxi, China"; today with the full speech given at the UN Climate Summit: "Excellencies, Distinguished Officials, Ladies and Gentlemen, good morning. I am Li Bingbing [Chinese actress and singer - Ron], Goodwill Ambassador for the United Nations Environment Program. I am pleased to be here today because like many of you I deeply care about climate change and am keen to see leaders take immediate and ambitious action. Carbon emissions are at unprecedented levels. Human activity and consumer demand are causing so much devastation, including the illegal trade in wildlife, another serious concern of mine. However, I remain optimistic that this Climate Summit will be about action and solutions as we pursue our common goal of a low-carbon economy. We have an expression in Chinese that means "where there's a will, there's a way." Young people around the world are so eager to see leaders take action on climate change and are asking hard questions. The Why/ Why Not campaign of the Climate Reality Project asked young people to submit audition videos asking those questions for a chance to attend this Summit. 2,500 videos were submitted from more than 80 countries. The seven winners are here today and the film you are about to see highlights some of their questions. Thank you for your kind attention." Normally have QRM from AIR Aizawl, but not heard today. Schedule indicates Thai from 1300 to 1400, but believe it's in Chinese instead? (Ron Howard, San Francisco at Ocean Beach, CA, USA)
5066,3	Sep18	1840	R. Télé Candip, Bunia, francês, texto; 25342. (Carlos Gonçalves)
5085	Sep22	0210	WTWW, Lebanon, TN, USA, talks, English, many ids, good (Bernardini)
5895	Sep26	1430	LLE-2 Bergen Kringkaster aus Norwegen war heute mit seiner Testsendung auf 5895 kHz von ca. 1430 UT bis zum Sendeschluß um 15 Uhr UT schwach mit seinem 50 Watt Sender zu hören. Musik und Testansagen wechselten sich ab, wobei *genau* zu den Ansagen ein Morsesignal die Ansagen stark beeinträchtigte. ----- <i>Official announcement of broadcasts from LLE 2 5895 kHz (USB) Bergen Broadcasting 0600-0800 and from 1300 to 1500 UTC daily. We broadcast all night into Saturday and Sunday. 50 watts, Inverted V antenna. Fine signals in Holland. The Ipad photo [in posting] is displaying WebSDR Twente.</i> <i>IDs of different types including Morse code, test tones, announcements by Ron O'Quinn, svennm well as old and new theme tunes composed by Øyvind Ask, the new one is called MacGyver in Space. Correct listening reports to <a href="mailto:report@bergenkringkaster.no">report@bergenkringkaster.no</a> answered occasionally by mail. If you want a QSL card this can be collected at the station or you may write to Bergen Broadcasting, PO BOX 100, N5331 RONG, Norway, enclosing \$4 in notes. You may have to accept a long delay for a reply. (Svenn Martinsen via WRTH Facebook Gruppe, 24.9.)</i> (Christoph Ratzer via A-DX)
5895	Sep20	1330	LKB LLE Bergen, Norway, test, ID's, USB only. 35444 (SHN)
5915	Sep20	2115	ZNBC-Radio 1, Lusaka, dialecto local, texto e chamadas de ouvintes; 45343. (Carlos Gonçalves)
5939,9	Sep17	2120	R. Voz Missionária, Camboriú SC, prgr. de propag. relig. Eu Creio em Milagres; 55444. (Carlos Gonçalves)
5952,4	Sep25	0110	Radio Pio XII, Siglo XX Spanish, Quechua, comments. 14321. (Méndez)
5952,5	Sep19	2145	R. Pío XII, Siglo XX, castelhano, texto, anúncios de programação; 23431, QRM adjacente. (Carlos Gonçalves)
5952,51	Sep22	0214	Emisora Pio XII, Bolivia, songs, talks, fair/good (Bernardini)
5980	Sep16	0056	JBA carrier from R. Chaski but missed its cutoff, no longer there by 0105. I'm tracking it again Sept 17 at 0057, JBA carrier, with sharp cutoff at 0104:36*; from which I will no doubt compute further autotimer slippages of ~6 seconds per 24 hours (Glenn Hauser, OK)
5985	Sep17	*1330-	Shiokaze. Another Thursday in English; Myanmar Radio fairly strong and mixing with Shiokaze, as well as pulsating noise jamming from N. Korea; "Today's Newsflash," with items read from the "Daily NK" from August (Ron Howard, San Francisco at Ocean Beach, CA, USA)
5995	Sep27	*0559-	Radio Mali, Bamako, tuning music, African music for about five minutes, just then only carrier. This station has a lot of problems with its transmitter and each day it is more difficulty to catch it, strong carrier but no audio. The same on 9635. 13221. (Méndez)
6010,05	Sep17	2140	R. Inconfidência, Belo Horizonte MG, prgr. A Hora do Fazendeiro; 34432. (Carlos Gonçalves)
6010,1	Sep18	0601	citing Bible versículos in Spanish, i.e. The Voice of Thy Conscience, which continues

6010,1	Sep25	0640	reliably active here but still nothing from 5910 sibling (Glenn Hauser, OK) La Voz de tu Conciencia, Puerto Lleras, religious songs and comments, Martin Stendal, Spanish. 14321. (Méndez)
6010,17	Sep22	0219	La Voz de tu Conciencia, nice songs, fair/good (Bernardini)
6025	Sep17	2146	R. Patria Nueva, La Paz, castelhano, discurso; QRM adjacente. (Carlos Gonçalves)
6030	Sep21	1810	Radio Oromiya, Addis Ababa, East African songs. 24322. (Méndez)
6034,95	Sep19	1112	BBS. Sept 19 extended schedule; on long past their usual sign off; random listening 1112-1401; 1112-1200 able to make out a few words in English; best/clearest segment was 1341-1357, with a program of chatting on the phone with young children and the kids mostly singing (no music - just singing, per my audio); over the years, this children's program is the one I have most often heard via BBS; the whole time QRM from PBS Yunnan (China). My audio at <a href="https://app.box.com/s/ha7iwgizy31febis1rwthbcd28c79oe">https://app.box.com/s/ha7iwgizy31febis1rwthbcd28c79oe</a> (Ron Howard, San Francisco at Ocean Beach, CA, USA)
6035	Sep11	2034	VOA Sao Tome, Hausa, talks, good (Bernardini)
6040,4	Sep17	2147	R. B2, Curitiba PR, retransm. da R.Aparecida (v. R.Aparecida 9629,9, dia 17/9); 44433, QRM adjacente. (Carlos Gonçalves)
6040,43	Sep22	0227	RB2, Curitiba, talks, weak (Bernardini)
6050	Sep22	0231	HCJB, Pico Pichincha, Ecuador, Spanish, Bible talks, fair (Bernardini)
6050,00	Sep19	0105	HCJB, Pichincha Quechua religious talk. No carrier observed from R Fides, Bolivia, neither on 6055 or ordinary 6155. On 6060 was R Habana Cuba in Spanish. (AP-DNK)
6050	Sep27	0417	HCJB, S ID: La Voz de los Andes. 44444 (SHN)
6054,99	Sep21	2125	R Fides with a clear ID at 2137. Sign off 2159. Also noted on 6055,007 on Sept 16 at 2158 with Tina Turner and "What's love got to do with it". A few breaks in transmission this day and off at 2200* (TN)
6055,00	Sep20, 21, 25	-2159*	R Fides, La Paz New frequency ex 6155. Spanish chatting by woman and man heard // webstream 98.5 FM. Thanks to Thomas Nilsson for ID 23222 (AP-DNK)
6055	Sep17	-2200*	R. Fides (?), La Paz, 2157-2200* (fecho abrupto), castelhano, conversa; 44433, QRM adjacente. Freq. nominal 6155, isto se é mesmo a estação boliviana. Terei que incluir aqui uma Nota, porquanto no m/ ficheiro destinado ao grupo italiano PlayDX, faltou a interrogação, o que pode induzir a lapso; assim, o m/ pedido de desculpa a Dario Monferini e aos que receberam o boletim PlayDX 1659. (Carlos Gonçalves)
6059,9	Sep19	2212	SRDA, Curitiba PR, propag. relig.; 34332, QRM da CHN. (Carlos Gonçalves)
6060	Sep26	1105	Radio Nord Revival, Swedish, no LSB – poor audio. 55555 (SHN)
6067,5	Sep19	2210	R.Nacional, General Pacheco, relato de jogo de futebol; 44433. (Carlos Gonçalves)
6070	Sep22	0234	CFRX Toronto, relay CFRB 1010, Canada, "ten ten", fair (Bernardini)
6070	Sep26	0700	CFRX Toronto ON, E, Newstalk 1010. 25332. (SHN)
6080	Sep19	2207	R. Marumby, Curitiba PR, propag. relig.; 44432, QRM da CHN. (Carlos Gonçalves)
6089,9	Sep17	2149	R. Nígeria, Kaduna, dialecto local, texto, refs. a Kaduna; 54444, QRM na mesma freq. (Carlos Gonçalves)
6090	Sep18	2132	R. Bandeirantes, São Paulo SP, rubrica de futebol... o que parece ser uma constante c/ a emissora; 33432, QRM da CHN. (Carlos Gonçalves)
6090	Sep19	1810	Radio Amhara, Amhara, Vernacular songs, comments, identification: "Amhara Radio". 34433. (Méndez)
6090	Sep27	0315	Amhara State Reg. Radio stronger than Anguilla, ID. 43543 (SHN)
6110	Sep11	2038	R Fana, Ethiopia, phone talks, good (Bernardini)
6110	Sep19	1825	Radio Fana, Addis Ababa, East African songs. 24322. (Méndez)
6110	Sep27	0310	Fana Broadcasting Corp., Vern., ID. 45555 (SHN)
6114,995	Sep20	1715	Radio Congo, Brazzaville in FF. A mere S5 signal. (TN)
6115	Sep18	1716	R. Congo, Brazzaville, música pop' africana; 25332. (Carlos Gonçalves)
6115	Sep21	-1840*	Radio Congo, Brazzaville, French, comments, "Le Congo, Les Congolaises", identification: "Radio Congo". Habitual close at 1830, today ten minutes later. 24322. Also *1800-1859*, Sep22, tuning music, identificaion: "Radio Congo, le journal", French, news and comments "La Republique du Congo", At 1734 identification in Spanish: "Esta es Radio Congo", nice program of African songs, "Le musiquel du Radio Congo". 34433. (Méndez)
6115	Sep25	1758	Radio Congo, F, ID. 44444 (SHN)
6135,25	Sep19	2202	R. Aparecida, Aparecida SP, prgr. DX; 54433. (Carlos Gonçalves)
6135,26	Sep22	0236	R Aparecida, Brazil, religious, phone talks, fair (Bernardini)
6158,83	Sep26+27	0245	<b>Unid.</b> in Chinese or similar language. 24222 (SHN)
6159,95	Sep21	2105	CKZN absent a few days which made it possible to receive the carriers from (tent) R Boa Vontade on 6159,95 and from R Rio Mar on 6160,063. See screenshot below. Boa Vontade with sign off 2158:30* and Rio Mar at 2116*. Rio Mar a bit stronger and very weak audio could be heard. (TN)

6159,973	Sep19	1104	NOTHING heard of 6160v CKZN St. Johns transmission. 6159.973 CKZU Vancouver from lower mainland transmitter center. So varies in exact frequency, went up by 8 Hertz within 12 hours past night ... wb df5sx ----- Hi Glenn: Normally CKZN starts to rise above the noise here in Ontario now but there's just nothing from CKZN. Propagation on 49 meters is just fine for this time of day and I'm getting other Canadian shortwave signals on that band and others. I can hear several Maritime hams on the nearby 41-meter band (7 Mhz) so I think that CKZN may have gone off the air. I can't imagine many people still listen to CBC on shortwave these days. I sent an email to their FM radio station in Happy Valley Goose Bay Labrador as CKZN is just a rebroadcaster of that FM affiliate and there's no CKZN page or email. Haven't heard anything back yet; if I do I'll let you know (Julian Smith, Barrie Ont [who inquired originally], 2036 UT Sept 18, DXLD)
6160- 6160-	Sep23 Sep24	2058 0559	CKZN, St.John's, NF back again after some days absence. S7 signal. (TN) [and non]. moderate SAH estimated at 12 Hz, denoting two CBC stations, not only CKZU Vancouver, but also CKZN St John's reactivated, as tipped from 0000 UT Sept 24 by Julian Smith, Stephen Cooper and Richard Langley (Glenn Hauser, OK)
6160	Sep18	0559	CBC promo and 0600 news, but never any local ToH ID; hindered by 6165 RHC splash. At 0605 fades during minute when local weather normally airs, 0606 into some unID CBC program. Only one CBC signal audible, presumably CKZU Vancouver. Checking here since earlier in the evening both Julian Smith in Barrie and Gilles Le-tourneau in Montreal found no signal from normally audible CKZN Newfoundland (Glenn Hauser, OK)
6165	Sep18	1244	romantic songs with brief announcements in Mandarin Chinese rather than Burmese, heavy flutter; 1300 no timesignal or break, music continues but 1301 announcement; now there is ACI from 6170 RNZI which started Bell Bird just before 1259, and the 6165 is fading anyway. Anyhow I conclude that at least today I am getting CNR-6 from Beijing site and not Thazin Radio from Myanmar, nor Vietnam nor India. This can be confirmed by finding a CNR-6 parallel. Uplooked later, the ONLY one is 9420 (and the only daytime frequencies, 01-09 UT are 11905/15710). At 1340 I check 9420 and do hear the same kind of EZL music, but it's very poor and too late to try a match on 6165; presumably not Greece at the moment. WRTH calls CNR-6 Voice of Shenzhen, a.k.a. Shenzhen Easy Radio (Glenn Hauser, OK)
6173,92	Sep22	0239	Radio Tawantinsuyo, Peru, Andean mx, fair, //streaming (Bernardini)
6175	Sep26	1700	Radio Nord Revival, Swedish, very, very strong. 55555 (SHN)
6185	Sep25	0450	Radio Educación, México D. F., Spanish, comments, music. 14321. (Méndez)
6205	Sep26	1745	Laser Hot Hits, E, pop, not //4026. 44444 (SHN)
6209,9	Sep20	2108	R. Telstar South_G, música pop'; 35342. (Carlos Gonçalves)
6210,3	Sep18	1843	R. Paardenkracht_HOL, holandês/inglês, canções, texto, anúncios de fecho de emissão; 25342. (Carlos Gonçalves)
6230,44	Sep25	1826	Radio Tango Italia, music, ID. 35444 (SHN)
6245,4	Sep20	2111	R. Tango Italia_I, canções argentinas; 35342. (Carlos Gonçalves)
6245,4	Sep18	1845	Radio Tango Italia, non stop music and ID. 44333 (SHN)
6260	Sep18	1851	R. Desperado_HOL, canções; 45343. (Carlos Gonçalves)
7120-	Sep21	1355	JBA carrier, slightly on the lo side as characteristic for R. Hargeisa, compared to 1120 KETU at least; CW QRhaM. Usual trace of long-path propagation, which ought to have quit circa 1400 for its one-hour break (Glenn Hauser, OK, DXLD)
7120	Sep11	1757	R Hargeisa, Somaliland, Somalia, talks, good (Bernardini)
7120	Sep24	-1400*	R. Hargeisa. Unusual format today with non-stop music; by 1355 could finally tell was HOA music; 1359 sign off announcement followed by the usual National Anthem march band music; weak with CW & ham QRM (Ron Howard, Asilomar State Beach, CA, USA)
7120	Sep26	0335	Radio Hargeisa, s/on. Also good till 19 UTC. 23333 (SHN)
7200,0	Sep22	*0820-	Firedragon (music jamming), *0820-0828*. Strong reception; tuned in at 0819 to find a strong open carrier; did not hear another station on frequency when FD went off. A test of some kind? Perhaps there are newbies or others that would like to hear a sample of what FD sounds like? It's a transmission of loud music, similar to the music of Chinese Opera, but with the important difference that <b>FD has no singing</b> (so if you hear any singing, it's not FD), used to block a signal that the PRC doesn't want heard in China. Today's FD audio <a href="https://app.box.com/s/qg2v25v012gd79qagtbdllyww1998w5ty">https://app.box.com/s/qg2v25v012gd79qagtbdllyww1998w5ty</a> which is six minutes long (Ron Howard, San Francisco at Ocean Beach, CA, USA)
7200,00	Sep15	0933	Myanmar Radio. In vernacular with music program along phone calls between selections (each time, first hear phone ringing). Have been hearing this recently until covered by the sign on of CNR1 (sometimes as early as 0940, but often about 0950), in anti-



			icipation of jamming the sign on at 1000 of RTI (Ron Howard, San Francisco at Ocean Beach, CA, USA)
7260	Sep20	0855	R. Vanuatu, 0855-0935. ToH "You are listening to Radio Vanuatu, Voice of ..."; 0901-0922 in vernacular with messages about various committees, foundations, "Women's Committee," support groups, etc.; religious songs till BoH; "half past eight in the region of Vanuatu"; religious sermon. By 0935 seemed // 3945, which was hovering just above threshold level (hearing bits of audio). 7260 well above normal reception. <a href="https://app.box.com/s/vpbu62ziwy7ejk8iud6ifsucpggltxeb">https://app.box.com/s/vpbu62ziwy7ejk8iud6ifsucpggltxeb</a> contains my audio (poor quality) (Ron Howard, San Francisco at Ocean Beach, CA, USA)
7630	Sep18	1940	Radio Latino, songs, Latin American songs. 14321. (Méndez)
9410	Sep17	1147	Fu Hsing BS (presumed). Thanks very much to tip from Hiroyuki Komatsubara, heard this station again that had been off for a while; heard underneath fairly strong CNR5, in Chinese and playing music (fortunately CNR5 was all talking, making reception easier). It really is a shame Fu Hsing BS does not use 9774 now, due to the fact that 9775 is totally clear of CNR2 (which I believe is off the air on all[?] frequencies now - 6065, 6155, etc. silent) (Ron Howard, San Francisco at Ocean Beach, CA, USA)
9515	Sep17	2125	R. Marumby, Curitiba PR, propag. relig.; 55444. (Carlos Gonçalves)
9525,98	Sep12	1738	Voice of Indonesia, Spanish bc, fair-good (Bernardini)
9526	Sep25	1300	Voice of Indonesia, start of E prg. 25443 (SHN)
9565	Sep19	2128	SRDA, Curitiba PR, propag. relig.; 33442, QRM da R.Martí e da sinal de empastelamento cubano. , 0921-desvan. total 0945, 18/9, pregador; 14431. (Carlos Gonçalves)
9525.98v	Sep26	1321	VOI, 1321. "Focus," President Joko Widodo visited South Kalimantan, to review situation with the fires and heavy smoke; almost fair (Ron Howard, Asilomar State Beach, CA, USA)
9629,9	Sep17	2135	R. Aparecida, Aparecida SP, prgr. Cantinho Sertanejo; 45444. 0935-desvan. total 1045, 18/9, informações e música, noticiário, às 1000; 24442, QRM adjacente. (Carlos Gonçalves)
9635	Sep18	1230	R. Mali, Kati, dialecto local, texto; 25442, modulação extremamente baixa. (Carlos Gonçalves)
9635,8	Sep21	0955	R. Voz do Vietname, Son Tay, vietnamita, texto, repetidos anúncios da pág. <sup>a</sup> internet e outros, música; 25432. (Carlos Gonçalves)
9645,4	Sep18	2134	R. Bandeirantes, rubrica de futebol; 43442, QRM adj. da R.Intern. da China, em 9640. (Carlos Gonçalves)
9665	Sep17	2123	R. Voz Missionária, Camboriú SC, prgr. de propag. relig. Eu Creio em Milagres; 55544. 0937-desvan. total 0950, 18/9, prgr. de canções; 25432. (Carlos Gonçalves)
9665	Sep22	0254	Voz Missionaria, Florianopolis, Brazil, religious talks, fair (Bernardini)
9690-	Sep17	0600	VON Hausa // 7255- is on again and propagating well enough; not heard 48 hours earlier (Glenn Hauser, OK)
9700	Sep21	0950	R. NZi, Rangitaiki, inglês, entrevista, noticiário das 1000, rubrica Late Edition, etc.; 45444. (Carlos Gonçalves)
9819,4	Sep17	2134	R. 9 de Julho, São Paulo SP, revista noticiosa Ciranda da Comunidade; 55444. 0939-desvan. total 1000, 18/9, texto; 14441, QRM adjacente. (Carlos Gonçalves)
9835	Sep19	1142	Sarawak FM via RTM, Kajang, oração corânica, noticiário das 1200; 15341. (Carlos Gonçalves)
11725	Sep11	1935	RNZI, New Zealand, reports, weak-fair (Bernardini)
11735	Sep18	1849	R. Transmundial, St. <sup>a</sup> M. <sup>a</sup> RS, canções, anúncios comerc. p/ cursos bíblicos, noticiário, anúncio das freqs., ao que se seguiu mais propag. relig. sob a designação Através da Bíblia, pelas 1903; 34443. 1022-desvan. total 1115, 21/9, propag. relig.; 25432. (Carlos Gonçalves)
11735	Sep21	1936	Radio Transmundial, Santa María, Portuguese, religious comments. Zanzibar out of air. 14321. (Méndez)
11735	Sep11	1708	ZBC, Zanzibar, Tanzania, talks, Swahili, good (Bernardini)
11735	Sep23	1648	Zanzibar Bo. Co., Dole, Vernacular comments, African songs. 33433. (Méndez)
11750	Sep11	1645	Sri Lanka BC, Trincomalee, pop songs, id a FM, very good (Bernardini)
11764,7	Sep18	1228	SRDA, Curitiba PR, propag. relig.; 14442, QRM adjacente. (Carlos Gonçalves)
11815	Sep18	1852	R. Brasil Central, Goiânia GO, noticiário, prgr. Brasil Sertanejo, às 1900, após a ID e anúncio de freqs. cantados; 33442, QRM adjacente. 1020-desvan. total 1145, 21/9, noticiário,..., texto, música; 24442, QRM adjacente. 2144-2205, 19/9, prgr. musical Brasil Sertanejo; 45444, sinal c/ uma ligeira sobremodulação. (Carlos Gonçalves)
11815	Sep25	0814	Radio Brasil Central, Goiania, Brazilian songs, identification: "Radio Brasil Central". 34433. (Méndez)
11855	Sep11	1715	Dimtse Radio Erena, via Bulgaria, Oromo, talks, good (Bernardini)
11855,5	Sep18	1229	R. Aparecida, Aparecida SP, canções religs.; QRM adjacente. (Carlos Gonçalves)
11870	Sep26	0800	KNLS Alaska, IS, E ID, The English Hour. 34444 (SHN)

11895	Sep17	2128	R. Boa Vontade, Pt.º Alegre RS, propag. relig., hinos; 34432, QRM adj.; melhor sinal no dia 20/9, às 2125. (Carlos Gonçalves)
11935	Sep17	2131	R. B2, Curitiba PR, retransm. da R.Aparecida (v. 9629,9, 17/9); 34432, QRM adjacente. 2141-2155, 18/9, retransm. da R.Aparecida c/ o prgr. Cantinho Sertanejo; 33442, QRM adjacente. (Carlos Gonçalves)
11935	Sep25	0705	Radio RB2, Curitiba, religious songs and comments, Portuguese. // 9725. (Méndez)
11935	Sep26	0600	Radio RB2 relaying Radio Aparecida, P, //9724.4. 34333 (SHN)
12015	Sep21	0940	Voz da Mongólia, Khonkhor, mongol, texto; sinal de ID, prgr. em mandarim; 23431, QRM adj., mas só até às 1000; algures entre as 1000 e as 1015, surgiu um sinal de tele-tipo. (Carlos Gonçalves)
12120	Sep12	1734	R. Pilipinas, Philippines, Tagalog, talks, music, fair //15190 & 9925 (Bernardini)
15140	Sep25	1450	Radio Sultanate of Oman, E, announcing 90.4 MHz. 55555 (SHN)
15190	Sep27	0130	Radio Inconfidencia, P, mixed programme. 25332 (SHN)
15190,1	Sep18	1233	R. Inconfidência, Belo Horizonte MG, canções, texto; 25442. (Carlos Gonçalves)
15190,1	Sep21	1934	Radio Inconfidencia, Belo Horizonte, Portuguese, comments, identification: "Inconfidencia, utilidade pública". 24322. (Méndez)
15345,3	Sep24	2345	surprised to hear RAE in Portuguese at this hour --- no, it's not, but Portunhol, or Spanish with a heavy Brazilian accent from a (financial?) YL correspondent in São Paulo, then back to regular Argie-accented Spanish from studio (Glenn Hauser, OK)
15476	Sep25	1946	LRA36. Sehr dünn, S3 und selbst mit Vorverstärker bleibt das Musikprogramm gegen 2020 UT sehr sparsam. (Christoph Ratzer)
15476	Sep25	2012	LRA36, Radio Nacional Arcangel San Gabriel, Base Esperanza, now on air, Spanish with Argentine accent, female with comments, 143221. (Méndez)
15476	Sep23	2010	LRA36, Antarctica, Spanish, ID, music. 25333 (SHN)
17780	Sep19	1748	English on very poor signal, not // VOA 17895, but it is // somewhat stronger BBC 17830, not synchronized. HFCC shows that during this hour, both are 250 kW, 65 degrees from Ascension, yet with different CIRAF targets: 17780 to zone 46 = West Africa from Western Sahara to Niger and Nigeria; 17830 to zones 47-SW & 52, i.e. Cameroon, CAR, down to Congos and Angola. Ascension is about the same latitude 8-south as Brazzaville/Kinshasa, so a 65 degree beam is pretty far off for them, let alone Angola. And it's exactly the same antenna listed too, a 547. Two frequencies with identical parameters 50 kHz apart seems quite a waste. Is there something else to this duplication, which might instead have been alternates? Fortunately, this is Saturday, when KVOH is off 17775 which otherwise would have been an obstacle for 17780 here if not in Africa (Glenn Hauser, OK)

### Log Sept 27, at 0600-0718 UT, noted in remote units at NJ-US, MI-US, Vancouver Island Canada

Both Canadian domestics on 6160 kHz are 9 Hertz apart frequency distance today this Sept 27 morning.

6169.969	CAN CKZN St. Johns in English, S=6 signal in New Jersey SDR unit, talk on Afghanistan people and music piece example. 0635 UT.
6159.978	CAN CKZU Vancouver lower mainland outlet, spiritual sphere music singer at 06.48 UT.
5829.988	USA WTWV US English sermon transmission at 0604 UT Sept 27. S=9+30dB strength powerhouse in NJ-US remote unit.
5890	USA WWCW Brother Stair TOM program, S=9+20dB, and heavy BACKGROUND JAMMING SCRATCH audio from KRE jammer co-channel too !
5935	USA WWCW English sermon prayer by female pastor. S=9+25dB signal noted in NJ-US remote unit. On upper side-band QRM by 5939.958 BRA Rádio Voz Missionaria, Camboriu SC < <a href="http://www.gideoes.com.br">www.gideoes.com.br</a> > at 0620 UT.
5964.977	BRA ZYE858 Rádio Transmundial, Santa Maria RS, weka tiny signal < <a href="http://www.transmundial.org.br">www.transmundial.org.br</a> >
6039.988	BRA RB2 Curitiba < <a href="http://radiorb2.com.br/">http://radiorb2.com.br/</a> > very tiny weak signal
6069.994	CAN CFRX Toronto, advertisement for Cadillac car try. At 0631 UT talk feature on election candidate didn't know about Jews at Auschwitz CC in Poland matter.
6180	{probably} BRA ZYE365 "Radio Nacional da Amazonia, a sua voz na radio brasileira", Brasilia DF < <a href="http://radios.ebc.com.br/nacionalamazonia">http://radios.ebc.com.br/nacionalamazonia</a> > Even frequency and very low power of an alternate small reserve unit from Brasilia? Very weak tiny at 0700 UT.
7254.935	NIG Voice of Nigeria Ikorodu, tiny S=5-6 level logged in remot NJ unit, - BUT NOTHING heard on 9690v kHz in 31 mband.
9565.051	BRA ZYE727 SRDA Super Deus e Amor, Curitiba PR, heard at 0714 UT. < <a href="http://www.superradiodeuseamor.com.br">www.superradiodeuseamor.com.br</a> >
9629.944	BRA ZYE954 Rádio Aparecida, Aparecida SP, noted at 0716 UT too. < <a href="http://www.a12.com/radio-aparecida">www.a12.com/radio-aparecida</a> >
9724.362	BRA ZYJ200 RB2 Curitiba PR

(wb, df5sx via DXLD)

### TWO CORRECTIONS re SWB issue 1832:

**BRASIL.** My apologies for the typing mistake: The Manaus stn is on 4805, not on 4815.

4805.0 2145-2210 25/8 R.Dif.<sup>a</sup> do Amazonas, Manaus AM. Nx till 2158, Ave Maria, advs. & ID at 2203, 2nd part of nxcast.

4815.0 2117-2129 23/8 R.Dif.<sup>a</sup>, Londrina PR. IPDA propag., but not // to SRDA fqs

**MALI: Cf. boletim SWB n.º 1832, de 13 SET'15:**

"Radio Mali, Bamako, French, comments, weak but increasing audio for moments. This station have problems with its transmitter for months, strong carrier but weak audio, the same on 5995. (Méndez)"

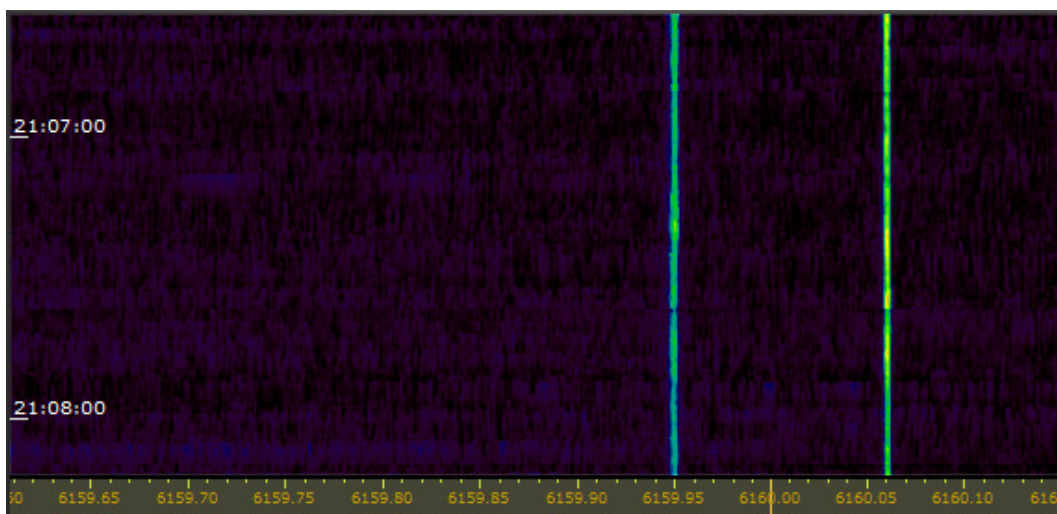
Há meses?! Há anos! É uma situação que se arrasta há anos, mas o colega da Galiza, Manuel Méndez acertou num pormenor, ao dizer que há momentos em que o áudio sobe; sim, isto parece ter-se tornado uma "tradição" da R.Mali, pois num dado momento podemos ter modulação quase imperceptível ou então muito reduzida, e no programa seguinte já o nível é outro, mas raramente razoável.

For months?! This lasts for years! This is a correct detail our colleague from Galicia adds, when he explains the audio level steps up for moments; this seems to have become a signature from R.Mali for we may have almost zero modulation or then it's terribly weak while it increases during the following programme.

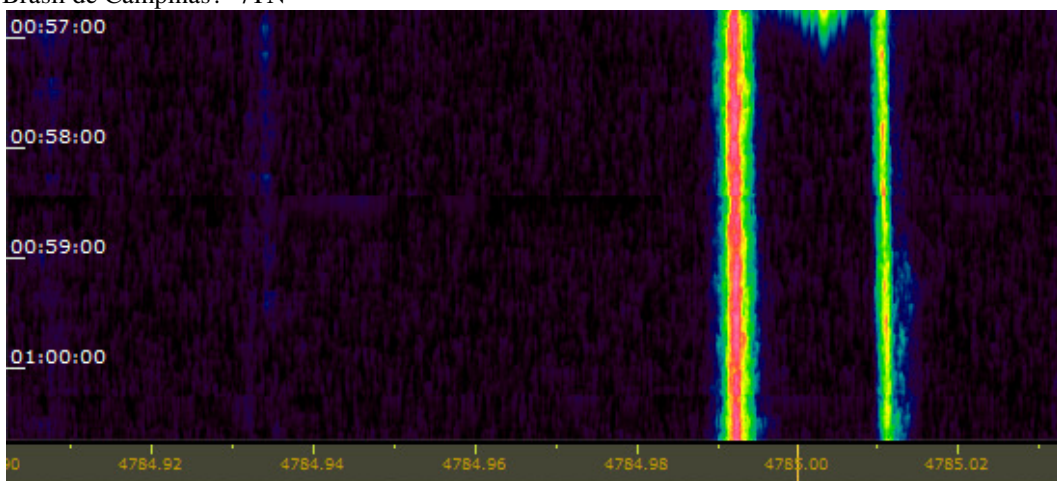
(73. Carlos Gonçalves, PORTUGAL)

**6160 kHz when CKZN was absent**

Here are ascreenshot from Sept 21on 6160 kHz when CKZN was absent a few days. You can see the carriers from a tent R Boa Vontade on 6159,95 and a a little stronger tent R Rio Mar on 6160,06. Boa Vontade signed off at 2159 and R Rio Mar signed off at 2115. Too low audio so no ID's heard. /TN



This a screenshot from 4785 on Sept 15 when R Caiarí was heard and another station was noted. Maybe a sign of R Brasil de Campinas? /TN



**Contributors to the log:**

wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX	Manuel Méndez, Lugo, Spain
TN, Thomas Nilsson, Ängelholm, Sweden	AP-DNK, Anker Petersen, Skovlunde, Denmark
Glenn Hauser, Enid, OK, USA (also from WOR&DXLD)	CGS, Carlos Goncalves, Lissabon, Portugal
Christoph Ratzler, Salzburg, Austria (also from A-DX)	Daniel Wyllyans, Nova Xavantina MT, B via HCDX
Ron Howard, San Francisco at Ocean Beach, CA, USA	SHN, Stig Hartvig Nielsen, Randers, Denmark
	Giampiero Bernardini, Milan, Itaqly



## 4760 AIR Port Blair & AIR Leh on Sept 25 as received and measured by Christoph Ratzner in Salzburg.

Just as last season there are two AIR stations on 4760, very close in frequency. Both can be heard in the afternoon and also at night here in northern Europe.

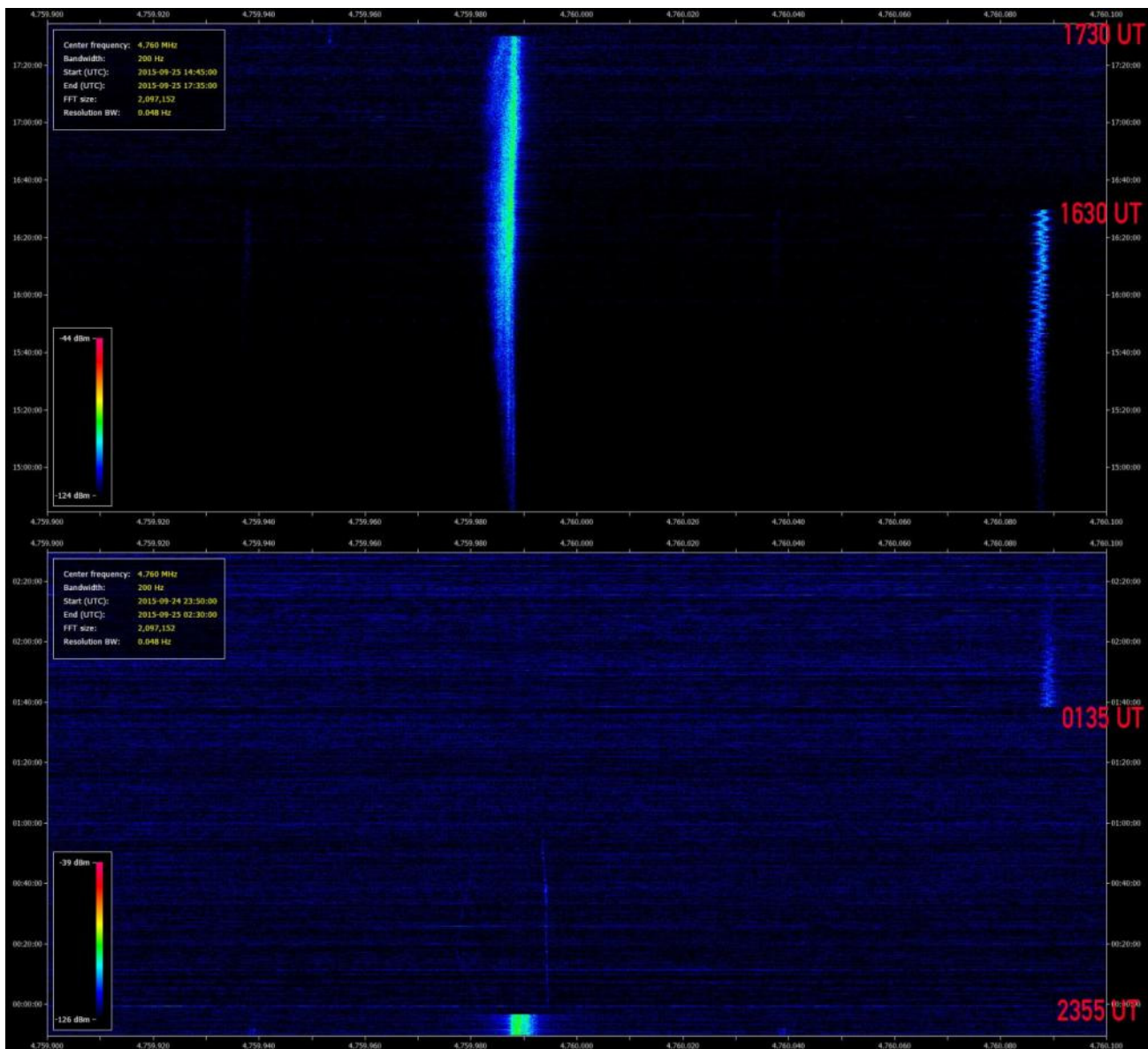
Acc to VU2JOS, Jose Jacob, DX India this is the current schedule for AIR Leh + AIR Port Blair.

4760	7	Leh	Summer 0130/winter 0213-0430 1130-1630
4760	4	Port Blair	2355-0300 1030-1700 (Sat, Sun 1730)

As you can see in the below screenshot Christoph has recorded both in the afternoon and at night on Sept 25. No ID's heard so far. The sign on at 2355 is definitely from AIR Port Blair. But Christoph is very curious about the „no audio“ signal heard after 1630. Last year such a signal was produced by AIR Leh. So more checking is definitely needed.

Christoph Ratzner (& comments by TN)

Sept 27: Just got a mail from Jose Jacob in India confirming that both stations are active using the above schedule. /TN



Another screenshot from Sept 26 shows a carrier signing on at 2345 then slowly fading out and at 0145 a new carrier signs on at exactly the same frequency - 4759, 989. Nothing at all visible on 4760,008.

Very puzzling situation here.  
(Christoph Ratzner)



## Station news

### COLOMBIA. Información La Voz de tu Conciencia 6010 kHz

Desde el pasado 7 de septiembre está de vuelta la señal 6010 kHz de La Voz de tu Conciencia, operando en el horario de 6 de la tarde a 5 de la mañana (2300-1000 TU), no 24 horas, esto debido al fin del convenio institucional con la Gobernación del Departamento del Meta y la Electricidad del Meta que proveían el servicio de energía necesario para los transmisores con una tarifa reducida.

Se ha logrado establecer un control directo desde Bogotá al computador que maneja la señal y programación en Lomalinda, así se está generando un servicio informativo que es irradiado entre las 6 y 7 de la noche (2300-0000) y se está actualizando toda la parrilla de programación.

En relación a la señal 5910 kHz se espera estar al aire en los próximos días, una vez se repare un fallo que presentó el transmisor cuando se intentó reiniciar transmisiones.

Para contacto con la organización se puede utilizar el correo-e: [6010lavozdetuconciencia@gmail.com](mailto:6010lavozdetuconciencia@gmail.com) o través de Facebook en <https://www.facebook.com/Fuerza-de-Paz-106687386081261/timeline/>

Los reportes de recepción son bienvenidos por las direcciones de contacto ya conocidas, correo-e: [rafaelcoldx@yahoo.com](mailto:rafaelcoldx@yahoo.com) para recibir e-QSL, o por vía postal al Apartado Aéreo No 67751 (Oficina Red 4-72 Unicentro) Bogotá, Colombia; donde incluyendo ayuda para el franqueo de respuesta, recibirán Tarjeta QSL, Calcomanía y otro pequeño recuerdo.

Since last September 7 is back the signal from 6010 kHz La Voz de tu Conciencia, broadcasting between 6 pm to 5 am local time (2300-1000 UT). Not 24 hours, due to end this institutional agreement with the Government of the Department of Meta and Meta Electric Company that provided energy services necessary for transmitters with a reduced rate. There has been established direct control from Bogotá to the computer that operates the signal and programming in Lomalinda, and now presenting a news service between 6 and 7 pm local time (2300-0000 UT) and are upgrading the whole programming grid.

In relation to the 5910 kHz signal, it is expected to be on air in the next days once a fault in the transmitter is repaired; which appeared when it attempted to resume broadcasting.

To contact the organization can use e-mail: [6010lavozdetuconciencia@gmail.com](mailto:6010lavozdetuconciencia@gmail.com) or through Facebook <https://www.facebook.com/Fuerza-de-Paz-106687386081261/timeline/>

Reception reports are welcome, email: [rafaelcoldx@yahoo.com](mailto:rafaelcoldx@yahoo.com) to receive e-QSL, or by post mail to Apartado Aéreo No 67751 (Oficina Red 4-72 Unicentro) Bogotá, Colombia; where if including some support for return postage, will receive QSL card, sticker and another small souvenir (Rafael Rodriguez R., QSL Manager, Sept 19, DXLD) (Glenn Hauser via DXLD)

**MALAYSIA** Sept 16 (know as "Malaysia Day"), will mark the anniversary of the establishment of the Malaysian federation. Due to the recent political unrest in the country, who can tell if RTM SW stations will have anything out of the ordinary to offer their listeners? I recently heard the Prime Minister, on "Merdeka Day," give a speech to the nation via all RTM SW stations and perhaps tomorrow he will again? Presently on SW there is only Asyik FM (6050), Sarawak FM (9835) and Wai FM (11665). Both Radio Klasik (5965) and Traxx FM (7295) continue their long standing silence. Malaysia Day might be a good opportunity to check them out (Ron Howard, San Francisco at Ocean Beach, CA, Sept 15, USA)

**MYANMAR.** Myanmar outlets, quick log of last nighttime around 2357 UT, -- UT Sept 15 checked on remote SDR unit at Moscow Russia:

5914.995 kHz, hit by CRI Kashgar English on even 5915 kHz.

5985.000 kHz. S=9+10dB

6029.993 kHz. S=8-9

6164.998 kHz. S=9+10dB

nothing visible on 7200v kHz.

(wb df5sx via DXLD)



**SOLOMON ISLANDS. SIBC**, by Nadabule Baraheheda, September 25, 2015

At 6 pm on Tuesday the 23rd September, 1952, listeners in the British Solomon Islands Protectorate (BSIP) tuning to 1030 kilocycles in the mediumwave band heard these words on their radio sets: *"This is station VQO Honiara commencing the initial programme of the Solomon Islands Broadcasting Service"*.

The SIBS had been established by the British colonial Government to develop radio broadcasting within the Protectorate and to take-over from the weekly information transmissions previously being carried out on Sunday mornings on the inter-island Teleradio (shortwave) network.

The new SIBS station, VQO, transmitted with a power of 400 watts and used a transmitter built by the Chief Wireless Officer, Ron Calvert, from parts of an old radio aircraft beacon left behind by the US military near Henderson Airport at the end of the war. The first staff members were all volunteers and, apart from Ron Calvert, included William 'Billy' Bennett, Kay Poole and, as Programme Director, Colin Allan, at that time the Assistant Secretary to Government.

The first SIBS broadcast was on the air from 6pm to 8pm and started with an address by the High Commissioner for the British colonial Western Pacific, His Excellency Mr. R.C.S. Stanley. He gave a suitably uplifting speech and included the news that the Headquarters of the High Commission would be moved from Fiji to Solomon Islands and established in Honiara from January, 1953.

After Mr. Stanley's opening presentation, the Chief Wireless Officer, Ron Calvert, gave a talk on the SIBS and what it hoped to achieve. This was followed at 6.45pm by music from Bill Bennett's group, known as the Honiara String Band. The opening SIBS programme then included half an hour of music from the popular Hollywood film and stage show, South Pacific, presented by Colin Allan, and concluded at 8pm after more recordings of Western dance music and classical recordings.

In the following months, the SIBS broadcast programmes for one hour, 6pm to 7pm, daily except Sundays, before gradually increasing its services to a more regular and longer schedule. The SIBS continued until the 1st January, 1977 when new legislation (passed by Government in 1976) brought into being the independent Solomon Islands Broadcasting Corporation (SIBC).

The establishment of the SIBS followed five years of information programmes broadcast over the Teleradio network. This weekly, half hour transmission included shipping information, copra prices, Government news and items of general interest and could be heard by any out-stations which had a two-way radio set, such as the AWA 3BZ Teleradio.

The service originally started at 3.30pm on the afternoon of Saturday 18th October, 1947 over Government wireless station VQJ2. At the time, the station was located near the canoe shed close to what is now the Cenotaph in Mendana Avenue, Honiara. It later moved to new quarters on Vavaya Ridge. Bill Bennett was the first Solomon Islander to present information on the weekly programme, while Kay Poole (the Government Public Relations Officer) compiled the news, Ron Calvert handled the technical equipment and David Trench, then Secretary to Government, was in charge of the whole operation. After receiving feedback from listeners, the weekly broadcast changed its schedule and moved to 10.30am on Sunday mornings where it continued for 258 programmes until it was superseded by the SIBS in 1952.

Decorated war hero, Bill Bennett MM, MBE, went on to a full-time career as a broadcaster with the SIBS and became the best-known voice on radio in Solomon Islands. During his service, he undertook many assignments, including a three month training course at the BBC in London and, after retirement, became the first Chairman of the Board of the Solomon Islands Broadcasting Corporation (SIBC).

Prior to World War Two, the British colonial Government had experimented with an information service broadcast from the main wireless station, which was then based at BSIP headquarters at Tulagi in the Florida Islands group. In 1938, a weekly news broadcast (10.15am on Mondays) was transmitted to those out-stations throughout the BSIP which had two-way radio equipment to receive shortwave signals. The service came to an end in late 1939 when World War Two was declared.

However, radio in Solomon Islands goes back even further. In 1923, the Methodist Mission at Roviana, New Georgia purchased a Marconi telephony/telegraphy set and began transmitting messages on the 17th August that year. The main purpose of the station (which could send signals in both Morse code and by voice) was to allow telegrams and other cable traffic to be sent to the Government station, Tulagi Radio, for onwards transmission to Australia, New Zealand and Fiji. However the Mission also allowed its choirs, singing in the Roviana language, to transmit over the wireless to entertain listeners elsewhere within the BSIP. The Mission's brass band also presented concerts which were heard by passing ships and were used to entertain passengers and crew. The Methodist Mission station was operated by Solomon Islanders, Milton Talasasa, being one of the earliest Morse code signallers to transmit cable traffic.

Wireless in the BSIP was initially established in 1915, when the Government purchased equipment from the Marconi Company in the UK and established Tulagi Radio. The station had its transmitting towers on the flat area of ground near what was then the Tulagi golf course. The station began test transmissions in 1915 and started full service in January, 1916. It carried all Government and commercial messages by Morse code and could send and receive signals as far as Fiji, Australia and New Zealand. The Tulagi Radio building and towers were regularly bombed by Japanese aircraft during World War Two, but were only put out of action when destroyed by Allied naval gunfire during the landings on Tulagi and Gavutu on the 7th August, 1942.

<http://www.sibconline.com.sb/sibssibc-63rd-anniversary/> (Mike Terry via DXLD)

## TANZANIA. 11735 kHz, ZBC

Guido Schotmans, der bekannte belgische DXer wars: 6015 / 11735 (früher 11734.08) QSL Spice FM R via VoTanzania Zanzibar hat viele Facetten.

Jahrelang gab es gar keine QSL Karten an der Station zum Ausfüllen und Versand. Danach bekam man eine Spende vom Belgischen DXer Guido Schotmans aus dem Ausland, die 100 QSL Karten wurden 1998 nach Zanzibar gebracht. Seit 2002 habe ich keine QSL aus Tanzania mehr in den NG verzeichnet gesehen. Die letzte meldung datiert aus dem Juni 2001. Möglicherweise sind die 100 QSLs aufgebraucht.

[könnte man doch mal wieder ein Kartenset aus dem dswci oder addx spenden? wb.]

Der Techniker am Ort Ali Bakari Muombwa, versteht wohl nur Swahili und Arabisch, und lässt sich die englischen RR in Swahili übersetzen. Khalid Hassan Rajab, der Unterzeichner hat einen anderen Job, und hat nicht die Zeit und Aufgabe QSLs auszufertigen.

Unser A-DX Mitleser Enzo Gehrig aus Spanien hat 1999 die Station besucht, und den Leuten auch vor Ort die Ausfüllprozedur erklärt.

(73 Christoph Ratzler via A-DX)

## Other radio news

### CHASQUI DX PFA – SETIEMBRE 2015

CQ, CQ, CQ...Aquí Pedro F. Arrunátegui para compartir algo con los que disfrutan y aman el DX latinoamericano, todas las horas son UTC, desde la tierra de los incas, les informo mediante este Quipus lo siguiente:

- 3310.00 BOLIVIA, R. Mosoj Chaski, Cochabamba, 5/09 0915-0940 44444** px en quechua indican cita bíblicas sobre Santiago y mxf con temas religiosos ID en quechua
- 4747.60 PERÚ, R. Huanta 2000, Huanta, Ayacucho; 7/09 1040-1105 44444** px español comentan sobre la medicina china advs SENASA cuida nuestra agricultura ID "Radio Huanta 200"
- 4810.00 PERÚ, R. Logos, Tarapoto; 8/09 1032-1104 33333** mx religiosa px religioso en dialecto étnicos. Indica la 6am pero no dan ID (1102) transmiten ahora en español.
- 4845.00 BRASIL, R. Cultural Ondas Tropicais, Manaus, 8/09 2320-0005 33333** ,mx ID " Cultural Onda Tropicais .." mx
- 4865.00 BRASIL, R. Verde Floresta, Acre; 9/09 2345-0005 44444** news y saludos y mensajes ID Radio Floresta"
- 4885.00 BRASIL, Clube do Pará, Belém, PA; 6/09 2315-2340 33333** px transmisión de partido fútbol advs
- 5952.40 BOLIVIA, R. Pio XII, Siglo XX; 1/09 0120-0145 44444** mxf ID en quechua "Radio Pio XII" px en quechua, bilingüe por momentos español- quechua.
- 6134.86 BOLIVIA, R. Santa Cruz, Santa Cruz; 9/09 0010-0035 44444** mx y news ID "Escucha Radio Santa Cruz, la primera" px El Informativo de Radio Santa Cruz ID "Santa Cruz una radio que sabe acompañar a su gente"
- 6173.85 PERÚ, R. Tawantinsuyo, Cusco, 11/09 2215-2335 44444** news advs ID "Radio Tawantinsuyo" px El Cofre de tu destino.
- 11780.14 BRASIL, R. Nacional da Amazonia, Brasilia; 14/09, 0010-0030 33333** mx varias y advs ID "Radio Nacional da Amazonia"



La recepción la he efectuado del 1/09 al 15/09 en compañía de mis sabuesos Icom IC R72 + ELAD FDM-S1 + Splitter ASA 4 x 2 + Mizuho KX-3 + MFJ-1025 y una antena de hilo largo de 12 metros + antena auxiliar + una Mini Whip + una antena loop. **NOTA:** Para un mejor escucha de las grabaciones que adjunto, sugiero escuchar con los audífonos. (Muchos 218's /PFA)

### Electronic Noise Is Drowning Out the Internet of Things

Moin in die Runde!

Ein Artikel, der vielleicht für den einen oder anderen interessant ist. Es geht nicht um Khusels, Bisambergungen, Nichtlogs oder wann Goorgel geöffnet hat, sondern um unser anderes Thema „Störungen“ in den höheren Bändern.

<http://tinyurl.com/oax7jwd>

(Olaf Hänsler + Roger via A-DX)

### [BBC Monitoring staff at Caversham Park in move proposals - BBC News](#)

BBC staff based in Reading have been told they could move out of their office building as part of a review.

About 200 members of staff at [BBC Monitoring](#), based at the Grade II-listed Caversham Park, will be affected if the proposal goes ahead.

(Mike Barraclough via DXLD)



## Det gäller att hålla jämna steg med utvecklingen

**Arbetsverktygen för oss DX-are** blir mer och mer sofistikerade. Nu är det inte rör- eller transistorbestyckade mottagare som gäller. Inte heller ljudband eller kassetter. Det är datorer och SDR för hela slanten.

När vi ber om ett QSL gör vi det inte så ofta per post, för svar kommer numera bara i undantagsfall på samma sätt. Det har blivit allt vanligare att i stället välja email, telefon (Skype eller VOIP) eller Facebook.

*Men har vi inte hamnat en aning på efterkälken när det gäller kontakten med stationerna?*

Även i småstäder i Anderna där man för 20 år sen saknade telefon finns det nu en mobiltelefon i nästan var mans ficka. Nu lyssnar man helst på FM, inte AM. Det finns bredband även på osannolika platser och många stationer som också sänder via internet.

Vår hobbyverksamhet kan därför av dagens unga generation bli betraktad som en aning udda. Ibland får lyssnaren lov att "bevisa" att det inte är en internetsändning han hört utan en flämtande AM-signal. Frågan blir då: *Varför välja en dålig AM-signal om man kan avnjuta samma program med fin ljudkvalité på en smartphone?*

Jag försökte nyligen kontakta direktören på en argentinsk radiostation. I telefonen fick jag utan problem både stationens och direktörens epostadresser. Men en rapport via stationens epostadress gav ändå inget svar.

En ny mejl skickades, denna gång till direktörens privata adress. Då kom ett automatiserat svar där jag ombads klicka på en länk för att visa att jag inte var en spammare. Det hjälpte ändå inte. Dagarna gick men inget svar syntes till.

Facebook återstod visserligen, men det halmstrået brydde jag mig inte om i detta konkreta fall.

På den statsägda stationen med sin stolta devis "la radio pública" behandlas lyssnarna väl. Per telefon hade jag fått ett mycket vänligt bemötande. När jag trots allt inte fick något skriftligt svar funderade jag på att pröva på något nytt, något drastiskt. Jag öppnade därför ett twitter-konto. Det första meddelandet skickades till stationsdirektören. Svaret kom efter ett par timmar. Kort och koncist och skrivet av "rätt" person. Ett QSL får man väl säga.

Jag har nu fått besked om att min twitt har lästs av 124 personer. Jag har dessutom fått reda på att stationsdirektören sitter på två stolar. Han är också journalist.

Det är förmodligen anledningen till att han säkerhetskollar sin epost. Men eftersom han är skrivkunnig får man väl förmoda att twitter i vissa fall kan vara den snabbaste vägen till ett QSL.

Men var det inte lite mera spännande förr?

(Henrik Klemetz)

*(Tack Henrik för mycket intressanta synpunkter! /Thomas)*

## Perseus & it's Markers: Great Tools for analyzing Propagation!

**Hi - the markers of Perseus** are a great tool in analyzing e.g. propagation. How to do this step-by-step had been laid out in two papers at: <http://wp.me/p27XLR-3v>

*Summary from his website:*

The Perseus SDR comes with a software, where you may define up to eight markers. Each of them measures the level of the signal at distances of 100 ms to 5 seconds and writes it into a CSV file. This is the base for further analyzing these data, i.e. propagation. See such an analysis of the fade-out of CHU on 3.330 kHz on top of this page.

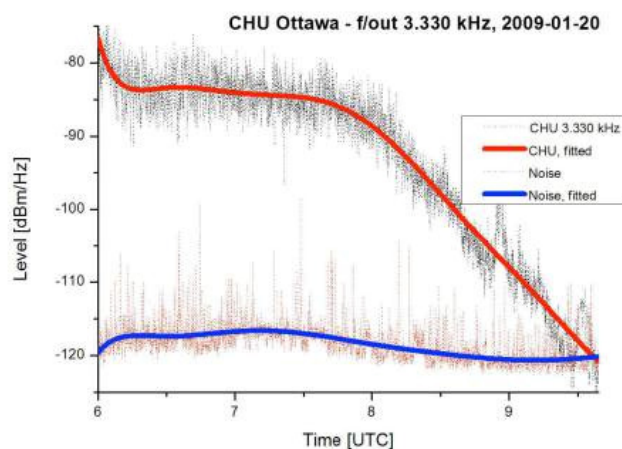
With an (active) antenna delivering a constant antenna factor over specific range – as all professional antennas do, e.g. RF-Systems's DX-1 – you may also switch to logging the field strength of the signal in dB $\mu$ V, rather than the input level in dBm.

### [The first paper](https://dk8ok.files.wordpress.com/2015/09/eight_markers_in_perseus.pdf)

([https://dk8ok.files.wordpress.com/2015/09/eight\\_markers\\_in\\_perseus.pdf](https://dk8ok.files.wordpress.com/2015/09/eight_markers_in_perseus.pdf)) presents a general introduction into this concept. It has been translated into English by Guy Atkins.

[The second paper](https://dk8ok.files.wordpress.com/2015/09/ionosphc3a4re.pdf), (<https://dk8ok.files.wordpress.com/2015/09/ionosphc3a4re.pdf>) in German, goes more into the depth of analyzing the data. But it's 13 illustrations will make it under stable also to readers who don't understand German.

(73, Nils Schiffhauer, [DK8OK](https://www.dk8ok.com) via Perseus\_SDR)





## Wie sind die Bedingungen auf der Kurzwelle? Heute: Teil 1 (Danke an Tom DF5JL.)

Der K-Index ist neben dem solaren Flux der zur Beurteilung der aktuellen Bedingungen wichtigste Wert. Den aktuellen Kp-Wert gibt es unter <http://www.gfz-potsdam.de/.../daten-.../kp-index/quasi-echtzeit/>.

Der Name Kp-Index bezeichnet eine planetarische Kennziffer. Dieser Index wurde entwickelt, um solare Teilchenstrahlung durch seine magnetische Wirkung darzustellen. Die symbolische Darstellung erfolgt in den Werten 0 bis 9 in einem Diagramm, dieses zeigt die quantitativen Werte des KP-Index.

Der planetare K-Index Kp wird dabei aus den K-Werten von elf Observatorien auf der Nordhalbkugel und zwei Observatorien auf der Südhalbkugel gebildet. Dem K-Index werden Ziffern von 0 bis 9 zugeordnet. Ein K-Index von 0 weist auf ein äußerst ruhiges Erdmagnetfeld hin - ein K-Index von >5 hingegen weist auf ein stark gestörtes Feld, einen sogenannten Magnetsturm hin.

Für gute DX-Möglichkeiten auf den drei unteren Kurzwellenbändern 160, 80 und 40 Meter sind in erster Linie ruhige geomagnetische Bedingungen günstig, wenn der K-Wert über mehrere Meßperioden lang klein oder idealerweise nahezu Null ist. Vor allem bei Low-Band-DX sollte K bei 0...1 liegen. Ein Magnetsturm macht sich durch große K-Werte bemerkbar. Die MUF (obere Grenzfrequenz der Ionosphäre) sinkt ab, Verbindungen über die Polarregionen (Polarkappenabsorption) werden beeinträchtigt und u.U. fällt die Kurzwelle für kurze Zeit ganz aus (Blackout). Mit einem höheren K-Index steigt auf UKW die Aurora-Wahrscheinlichkeit.

Quellen: <http://www.qslnet.de/member/dl1zav/Funkwetter.htm> Bearbeitet von DF5JL  
(73 Christoph Ratzer via A-DX)

## Stop meddling with BBC, European media bosses tell government

The Guardian, By Kevin Rawlinson, 21 September 2015

In a letter to the Guardian, the heads of seven Nordic public service broadcasters urged the UK to protect the BBC's independence, saying that a diminished BBC would risk reducing Britain's standing in the world. They also noted that many foreign broadcasters – including their own – had used it as a template.

“No creative organisation in the world is as well known and has such a reputation for quality as the BBC. That reputation reflects on Britain as a whole. Every day, all over the world, on all continents, the BBC's programmes and services inform, educate and entertain millions of people.

“The international standing of the BBC would be unthinkable without a broad remit at home. Diminishing the BBC at home risks diminishing Britain abroad,” they wrote.

The letter was written in response to growing concern over the government's plans for the BBC, which have already seen it told to take on the £700m cost of funding free licence fees for the over 75s. The BBC has said that the government's green paper on its future which questions the universal remit of the corporation, appears to “herald a much diminished, less popular BBC”.

Signatories to the letter included Cilla Benkö, Hanna Stjärne and Christel Tholse Willers, the director generals of Sweden's three public service broadcasters.

They were joined by Maria Rørbye Rønn and Thor Gjermund Eriksen, the heads of public media organisations in Denmark and Norway, respectively. The other signatories were public service broadcaster director generals Lauri Kivinen of Finland and Magnús Geir Þórðarson of Iceland.

In the letter, they wrote: “The idea of public service broadcasting was born in Britain. Free from political and commercial interests, its main pillar is independence and the idea of putting citizens first.

“Like the BBC in Britain, we Nordic public service broadcasters all rank among the most trusted media companies in our own countries, thanks to our independence. The BBC's independence comes from its institutional history and culture as well as from its regulatory structure, including how remit and funding decisions are made.

“Changes to the system should serve to strengthen the independence of the broadcaster, not weaken it. This is especially important in the case of the UK, as the British model is often viewed as a model for how the media should be organised in new democracies.”

Speaking to the Guardian, Benkö, who is also a European Broadcasting Union board member, said she and her colleagues were concerned about the discussions around BBC funding.

“Trust is a key word for a public service broadcaster. The funding has to be stable and long term and as far away from political influence as possible. There should be an open debate about it and, if any further changes are proposed, they should be put forward to the entire parliament for an agreement.

“We are also concerned about proposals that would hamper the possibility for the BBC to develop in all areas. A public service broadcaster has to be available to everyone, including to those who choose to consume media solely online or via social media.”

<http://www.theguardian.com/media/2015/sep/21/stop-meddling-bbc-european-media-bosses-tell-government>  
(Mike Terry via DXLD)

## Rural NC tract is last shortwave site for US broadcaster VOA

Washington Times, By Emery P Dalesio, September 19, 2015

Raleigh, N.C. (AP) - Despite broadcast satellites and cell phones, the U.S. government continues to transmit that staple of Cold War spy movies - shortwave radio - from miles of transmission towers tucked away in a corner of rural North Carolina.

The last Voice of America shortwave transmission station in the United States spreads across 2,700 acres eastern North Carolina's flat coastal plain, ready in a crisis to blast news to the world's remote corners.

The taxpayer-funded transmission site near Greenville, named for legendary broadcaster and former director of VOA's parent agency Edward R. Murrow, reserves a domestic option for the government broadcaster that has overwhelmingly gone digital or sends its signals from overseas sites.

"The Greenville plant is so big, has such big transmitters and such a variety of antennas, that any event in the world VOA could turn on a transmitter and be broadcasting" to a big swath of the globe from Northern Europe across Africa to Latin America, said David Snyder, 66, Monroe, Ohio. He's a director of the National Voice of America Museum of Broadcasting in suburban Cincinnati and was the supervisor of a similar transmission sister site there that closed in 1994.

The U.S. government followed Germany and Japan into the early world of international communication during World War II. In Bethany, Ohio; Dixon, California, near Sacramento; and Delano, California, near Bakersfield, the government built powerful antenna fields to blast high-intensity electromagnetic waves into space, bouncing them off the ionosphere to rebound back to Earth thousands of miles away. The last of the stations opened in 1942 closed in 2007.

Studios were in Washington, D.C., and from there shows were relayed to the sites in Ohio, California and, starting in the early 1960s, two new transmission farms amid North Carolina forests and fields about 20 miles southeast of Greenville.

The 2,800-acre VOA transmission tract for Site A went silent a decade ago. North Carolina's Wildlife Resources Commission is expected to acquire it in the coming months.

The commission last month voted to accept a free land transfer from the National Park Service. A council of top elected state officials still must approve the transfer, possibly next month. More than \$500,000 in state and federal funds will be used to tear down 160 steel towers and otherwise prepare it for a wildlife conservation zone.

The VOA's remaining Site B primarily broadcasts news, entertainment and highlights of Americana in English and Spanish to Cuba and Latin America, said Lesley Jackson, a spokeswoman for the Broadcasting Board of Governors. The federal agency oversees all U.S. media aimed at an international audience. It employs 3,600 people at VOA, Radio Free Europe/Radio Liberty and Cuba-directed Radio/TV Marti with an annual budget of \$740 million.

VOA also communicates via direct-to-home satellite, web streaming, mobile phones, social media and by buying broadcast time on more than 2,000 local radio and TV stations around the globe willing to carry its shows. VOA now broadcasts in 45 languages to an audience of about 170 million people per week in nearly 100 countries.

Shortwave radio transmissions are much less frequent, but still used in touchy regions in the world that lack reliable media. So the Broadcasting Board of Governors continues operating shortwave sites in Botswana, Germany, Kuwait, Northern Mariana Islands, the Philippines, Sri Lanka, Thailand and the island of Sao Tome off the African coast, Jackson said.

Snyder said he hopes the agency keeps the VOA site in North Carolina on the air.

"If they shut down every shortwave plant in the country, then every transmitter that VOA has shortwave is basically under the control of foreign governments," Snyder said. "In my viewpoint, it's scary to turn the last one off."

<http://www.washingtontimes.com/news/2015/sep/19/rural-nc-tract-is-last-shortwave-site-for-us-broad/>

(Mike Terry via DXLD)

## "Cosmonauts: Birth of the Space Age"

(I think many interested in the World Of Radio may find this interesting, especially in the UK - Mike)

The exhibition is at the Science Museum - 18 September 2015 to 13 March 2016

"In 1957 Russia launched the world's first artificial satellite, Sputnik, into space and just four years later sent the first ever human – Yuri Gagarin. Discover the dramatic story of how Russia turned the dream of space travel into a reality and became the first nation to explore space in this once-in-a-lifetime exhibition.

Cosmonauts will reveal the most significant collection of Russian spacecraft and artefacts ever to be shown in the UK, including:

- \* Vostok 6: the capsule flown by Valentina Tereshkova, the first ever woman in space
- \* Voskhod 1: the capsule used on the first mission to carry more than one crew member
- \* LK-3 Lunar Lander: a single cosmonaut craft built to compete with Apollo

\* a collection of gadgets that cosmonauts – and pioneering space dogs – need to live in space, including a shower, toilet, medical instruments and survival kits for crash landings.

Explore the historical, cultural and spiritual context of Russian space travel, shaped especially by the turbulent early decades of the twentieth century. See poignant testimonies and memorabilia belonging to some of the biggest names in spaceflight and discover the deeply personal stories of the pioneers who kick-started the space age."

[http://www.sciencemuseum.org.uk/visitmuseum/Plan\\_your\\_visit/exhibitions/cosmonauts.aspx](http://www.sciencemuseum.org.uk/visitmuseum/Plan_your_visit/exhibitions/cosmonauts.aspx)

An interesting item on BBC World Service's "Newsday": "First woman in space still fighting for women: Valentina Tereshkova was the first woman in space - in 1963 - and remains the only one to have conducted a solo flight. Now 78, she travels the world promoting women's rights and highlighting the importance of continued space exploration. Paul Moss met her in London." Audio here: <http://www.bbc.co.uk/programmes/p032sj16> (Mike Terry via DXLD)

### Drömmen som blivit verklighet

Nu är mottagaren vi drömt om här för oss hobbyister; Winradio WR-G35DDCi 'EXCALIBUR Ultra'

<http://winradio.com/home/g35ddci.htm>

En SDR-mottagare med inspelning upp till 32 MHz bandbredd. Starta inspelningen på kvällen och lyssna igenom filerna på morgonen. Perfekt för oss som har svårt att vara uppe på nätterna.

Mottagaren är inte släppt än. Pris okänt. Men en god idé är att börja med att införskaffa en bra dator med rejäla hårddiskar då det behövs ca 150 MB per minut eller ca 9 TB per timme (om jag räknat rätt) i lagringskapacitet.

God Lyssning

(Lennart Deimert via NORDX)

### Brevhuvud från Nils Olssons fina brassesamling

Avslutningsvis ett flott brevhuvud från Nils Olssons omfattande brassesamling.

#### R Pioneira de Teresina 4885 kHz from 1967



#### R Congonhas 4795 kHz from 1967



(John Ekwall)

*(Tack till JOE för inskanning av dessa fina brevhuvuden. Fler kommer i nästa nummer. /Thomas)*