

SHORTWAVE BULLETIN

Issue no. 1924, May 19, 2019.

Deadline e-mail next issue: 0800 UTC, June 2, 2019.

Today summer temperatures and fantastic weather. Almost 25° C so I had to take a bicycle ride for an hour or so.

For this issue we got some nice photos and QSL cards.

We can also show some old QSL cards thank to Dan Andersson who scanned from the collection of the late Birger Östlund, one the well known D-ers from the past.

There must be lots of old QSL cards out there. I know most of us are very interested to see this in SWB.

If you have something in your drawers, please share with us.

In RealDX I noted two interesting logs by Karel Honzic.

One reactivation on 4940 – R San Antonio.

The other seems to be a new station on 4930, maybe one of the announced Peruvians. The correct name yet to be found.

Keep on

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SWB-info

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

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

Dateline Bogotá 1993-1998: <http://www.hard-core-dx.com/swb/Dateline.htm>

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

QSL, comments, etc.

Christer Brunström: Radio Taiwan International 5900 kHz (Kostinbrod, Bulgaria) QSL-card. WWCR Nashville TN 13845 QSL-card.

Ron Howard. Visitors to Asilomar Beach this morning May 9.



Lennart Weirell: Tack för senast! Alltid trevligt att emellanåt träffa likasinnade under gemytliga former. Kul att du snappade upp mitt instick om Jerry Berg och ontheshortwaves i SWB. Jag har skrivit en artikel för DX-Aktuellt om det hela som kanske kommer med i nästa nummer.

Jag tipsade Mats Gunnarsson som pratade om HCJB under DX-P om en sida om HCJB på Jerrys websida där Mats hittade en inspelning om radioamatörer där han själv var med. Länken till HCJB är <http://www.ontheshortwaves.com/HCJB/HCJB.html>

Manuel Méndez, Lugo, Spain. QSL from **LRA 36, Radio Nacional Arcángel San Gabriel, Base Esperanza, 15476 kHz,** received e-mail "QSL", confirming my reception report sent 21th March 2019, but without data. Replay in about 45 days. Here is the text of the email and the attached card:

"Estimado Señor: MANUEL MÉNDEZ - LUGO, ESPAÑA

Nos dirigimos a usted para mostrarle nuestro más sentido agradecimiento por su atención y tiempo que ha dedicado a la escucha de nuestra Emisora Radial "LRA 36 Arcángel San Gabriel", disculpándonos por la demora en la confirmación de recepción, enviándole postal adjunta.

Desde el Continente Blanco "ANTÁRTIDA ARGENTINA" le damos un cordial saludo.

Atte:

Jefe de Base Esperanza/Director de LRA 36: TC Gustavo QUIROGA
Conductora del programa "Compartiendo Esperanza": Karina MUÑOZ
Co-conductoras: Sabrina ALANIS y Beatriz COSTILLA
Encargado de la Emisora LRA 36 / Operador Técnico: José CALPANCHAY"



REPUBLICA ARGENTINA
LRA 36
RADIO NACIONAL
"ARCÁNGEL SAN GABRIEL"
AM 15.476 KHz

QTH Base Antártica ESPERANZA
C.P. 9411 - Sector Antártico Argentino

Ubicación Geográfica
Latitud: 63° 24' Sur
Longitud: 56° 59' Oeste



LRA 36
RADIO NACIONAL - ARCÁNGEL SAN GABRIEL
AM 15.476 KHz



QTH Base Antártica ESPERANZA
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Ubicación Geográfica
Latitud: 63° 24' Sur
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CONFIRMACIÓN DE ESCUCHA

QRA: ANGELO PIEREZZA
QTH: VIA PESCAGLIA 14 / D — 00146 — ROMA - ITALIA
Fecha: 14 de abril de 2017 QTR: QRK:
Banda: 19 Metros Potencia en Kw: 3 en baja - 10 en Alta Antena: RÓMBICA de 3 Elementos
Horario de emisión: 15:00 a 18:00 hora local Argentina Días de emisión: Lunes a Viernes
Desde el sector Antártico Argentino, reciba usted un cordial saludo y gracias por su sintonía.



Base Antártica Esperanza CAI 2017 .

3260	May15	-1210*	NBC Madang, (Maus Blong Garamut - Voice of Indigenous Drums), 1152-1210*. Mostly pop Pacific Islands songs, except for surprising religious (Christian) spot by an excited preacher in English; reception well above the norm. Madang is now running some commercial announcements (Ron Howard, Asilomar State Beach, CA, USA)
3310	May6	2319	Radio Mosoj Chaski, Cochabamba, yl in Quechua, later both om and yl, weak alas steady signal (Wilkner)
3310	May16	2248	R.Mosoj Chaski, Cochabamba. Quechua, tks, Indian mx, advs. 25342 (CGS)
3310	May18	2250	Radio Mosoj Chaski, CotapachiBolivian songs, Quechua, comments. (Méndez)
3325	May15		NBC Bougainville, still silent through May 15, checking from 1024+. This has been rather a long time for them to be off the air! (Ron Howard, Asilomar State Beach, CA, USA)
3325	May16	1025	Voice of Indonesia, via RRI Palangkaraya, nothing heard here (no NBC Bougainville) and no VOI carrier; at *1053, VOI carrier came on, but no audio today; still no audio being heard through 1215. So was fortunate that I had two days of decent reception, with readable audio (Ron Howard, Asilomar State Beach, CA)
3325	May11	2101	RRI (p), Palang Karaya. Tks. 15341 (CGS)
3345	May11	2103	RRI (p), Ternate. Tks. 15331 (CGS)
3375.1	May6	2340	Radio Municipal São Gabriel da Cachoeira, om chat no music heard. First log of this one for a while (Wilkner)
3910	May12	-1854	Voice Of The People (cland.), Goyang. Kor to KRE, songs. Jammed. 34332 (CGS)
3915	May16	*2200-	BBC, Kranji relay. IS, WS in E to SEAs, px anns., nx. 35332 (CGS)
3920	Apr19	1255	KCBS (Hyesan). Irregular operation here (or so says EiBi, & i believe it), //2850/3959 on the 16th with 3959 missing on the 19th. (Dan Sheedy)
3975	May10	2130	Short Wave R, Winsen. E, pops, tks. 35433 (CGS)
3995	May15	0340	HCJB, Weenermoor Russian religious talk (AP-DNK)
4055	May7	2350	Radio Verdad strong signal with om and local music (Wilkner)
4055	May15	-0624*	Radio Verdad, Chiquimula, religious songs, English, religious comments, id in several languages, anthem and close. (Méndez)
4750	May3	1925	Bangladesh Betar, Shavar Bengali talk with short musical interludes, But when listening to Kiwi SDR in Jakarta on 4750 , it was heavily disturbed by the Voice of Indonesia in German // much weaker 3325, which was the only SW frequency announced ! VOI on 4750 was NOT heard by seven other Kiwi SDR receivers in the area. (AP-DNK)
4750	May5	1715	Bangladesh Betar, Shavar , Local G, (MGi)
4750	May14	1650	Bangladesh Betar, Shavar. Hindustani mx, tks. 15331 (CGS)
4750	May17	1957	R.Bangladesh Betar, DHA, Bengali?, tk "IND mx" ID 2000/. (TB)
4750	May17	1958	CNR 1, Hailar, Nei Menggu, Ch, CH ID tk. (TB)
4775	May12	2114	R.Congonhas, Congonhas MG. F/ball px. 35342 (CGS)
4774.9	May16	2301	R.Tarma, Tarma. Cast, px Antena Deportiva. 34332 (CGS)
4747.52	May6	2330	Radio Huanta 2000 Huanta Ayacucho under CODAR as usual, can detect om in SP possibly music (Wilkner)
4800	May3	2130	Voice of China, Golmud Chinese ann, Chinese songs // 6080, 6125 and 7230 (AP-DNK)
4810	May5	1705	AIR Bophal, Music G, (MGi)
4810	May14	1647	AIR Bhopal, Madhya Pradesh. Indian mx, tks. 25342 (CGS)
4820	May3	2135	Xizang PBS, Lhasa, Tibet Chinese ann, pop songs // 5935 (sideband QRM), 6050 and 7240 (AP-DNK)
4840	May13	0230	WWCR, Nashville, TN English talk about the ionosphere (AP-DNK)
4840	May13	0814	WWCR, Nashville TN. E, rlg. propag. F/out. 15341 (CGS)
4885	May15	1240	Echo of Hope - VOH. Very good reception of the podcast program "Easy English," which was in English and Korean; announced as a "Friday" show (Ron Howard, Asilomar State Beach, CA, USA)
4885	May16	0510	Radiodifusora Acreana, Rio Branco, Brazilian songs, songs in English, religious songs, id. "Radiodifusora". Strong QRM from Radio Clube do Pará on the same frequency. (Méndez)
4885	May6	2320	Radio Clube do Pará, Belém, PA, rapid om chat in PT, music breaks good signal (Wilkner)
4885	May13	0816	R.Club do Pará, Belém PA. Tks. F/out. 0830 15431 (CGS)
4885	May19	0445	Radio Clube do Pará, Belém, Brazilian songs, program "Clube da Madrugada", id. "Clube da Madrugada, na Radio Clube". (Méndez)
4885.04	May13	0235	R Clube do Pará, Belém, PA Portuguese talk (AP-DNK)
4905	May3	2140	Xizang PBS, Lhasa, Tibet Tibetan ann, local songs // 4920, 6130 (QRM CRI 6135 in Croatian) and 7385 (AP-DNK)
4925	May14	2131	R.Educação Rural, Tefé AM. Tks. Uty. QRM. 24331 (CGS)

4930	May15	0335	VOA, Moepeng Hill English conversation about the military police (AP-DNK)
4930	May19	0034	UNID station, probably from Peru, heard last night (May 19) between 0034 – 0139 (suddenly closed down), hidden at the very side of a strong utility station. Still trying to find out what it could be. Its modulation was distorted and at the 0139 c/d the carrier remained on the air. Heard in the middle of Europe. While studying my recording I found the following details of this UNID Spanish speaking station on 4930kHz: The station announces 4930kHz. Time is UTC –5h. ID/slogan sounds like this: “Radio Durantina Ticoni – onda corta tropical” = it sounds like this to my ears :-) The modulation is distorted (quickly oscillating carrier within a few Hz?). Is it perhaps one of the two “Future Plan” stations in Cusco, Peru in the 60mb (4780 + 4800) acc. to WRTH? In Cusco there was Radio San Miguel on 4930 kHz in the past (2008). (Karel Honzik via RealDX)
4940	May14	-2305*	Radio San Antonio, Peru was active last night. Heard until 2305 s/off. (Karel Honzik via RealDX)
4950	May5	1720	R Kashmir, Srinagar, local music G, (MGi)
4955	May16	2249	R.Cultural Amauta, Huanta. Quechua, tks, Indian mx. 15341 (CGS)
4949.7	May11	1834	RNA-Canal "A", Mulenvos. Songs. 35332 (CGS)
4949.7	May18	1903	Radio Nacional de Angola, Mulenvos, news, comments. (Méndez)
4985	May10	2125	R.Brasil Central, Goiânia GO. Songs px. Better on 16/5, 2155, rtd. 35343. 35332 (CGS)
4985	May18	2055	Radio Brasil Central, Goiania, comments. Very weak. (Méndez)
4990	May6	2330	UNID looking for Suriname, Radio Apintie, Paramaribo weak with some audio, language too weak to determine (Wilkner)
4990	May17	0520	Radio Apintie, Paramaribo, pop songs. (Méndez)
5005	May18	*0516-	Radio Nacional Guinea Ecuatorial, Bata, songs, comments in Spanish. Very weak today. May 19 out of air. (Méndez)
5025	May10	0430	R.Rebelde, Bauta, SS: news , G (MGi)
5025	May13	0240	R Rebelde, Bauta Spanish ann, Cuban songs (AP-DNK)
5035	May10	2127	R.Educação Rural, Coari AM. Listeners' mail, mx. Better on 16/5, 2150, rtd. 35332. (CGS)
5040	May13	0245	R Habana Cuba, Bauta Spanish conversation about Cuba (AP-DNK)
5050	May13	0250	<u>WWRB, Morrison, TN</u> English religious talk, best in USB (AP-DNK)
5055	May1	-1259*	4KZ 1st really 'listenable' audio in months: M DJ with canned/live ads & pop (Tracy Chapman, Petula Clark, Elvis Costello)..off mid-song @ 1259. (Dan Sheedy)
5060	May6	1710	Xinjiang PBS, Urumqi Chinese talk - <u>still on winterschedule</u> // 3395 (AP-DNK)
5085	May13	0255	WTWW, Lebanon, TN English ann, hymn (AP-DNK)
5130.40	May13	0300	WBCQ, Monticello, Maine English radio advertising, letterbox (AP-DNK)
5170	May1	1220	Taiwan Central Weather Bureau, Tainan-Qibu. Weak with (P) weather info in CH..can't detect a carrier here, so perhaps DSB? OTH-R or similar ute noise-maker doesn't help reception. (Dan Sheedy)
5285U	May1	1228	VC01 (Chinese military #s station). Thanks to Ron Howard's tip, VC01 was heard weakly with W giving out CH #s (audio sort of echo-ey..deliberate or ?) (Dan Sheedy)
5825	May17	1926	R.OZ-Viola, Hillerød, Dan/E, mx px buzzer ID R OZ from Holland. (TB)
5840	May15	0512	World Music Radio, Randers, pop songs in English. (Méndez)
5840	May15	2038	World Music R, Karup. Songs & mx, IDs in E. 35332 (CGS)
5840	May18	1658	World Music R, Randers/=?Karup?/=?Copenhagen?, E, SP mx px ID mx. (TB)
5915	May3	2155	ZNBC, Lusaka Vernacular shouting talk, Afropop song, hymns by choir, conversation - late broadcast (AP-DNK)
5915	May13	2001	Zambia NBC, Radio 1, Vernacular, comments. (Méndez)
5915	May13	2112	ZNBC-R. 1, Lusaka. Vn, tks, Afr. songs, phone-ins. 35343 (CGS)
5939.7	May10	2132	R.Voz Missionária, Camboriú SC. Shouting preacher, mx background. 35343 (CGS)
5945	May12	1001	R.NZi, Rangitaiki. E, nx, etc. 15441 (CGS)
5950	May9	1841	R.Voice Of The Tigré Revolution (p), Geja Jawe. Vn, tks. Adj. QRM. 23431 (CG)
5950	May5	1730	Voice of Tigray Revolution, Addis Ababa,VV:local talk, G (MGi)
5980	May8	1329	Shiokaze/Sea Breeze, ex: 5920, on May 8, at 1329. Another terrible frequency assignment, going up against a stronger New Zealand signal on 5980, from 1300 to 1400; // 6040 (ex: 6070), which had good signal strength, but bothered by strong QRM from the N. Korea jamming of 6045. Thanks very much to Hiroshi (Japan) for the following info: JSR Shiokaze, May 8: 1300-1400 5980, 6040 1405-1435 5920, 6165 1600-1700 5980, 6090 (Ron Howard, Asilomar State Beach, CA, USA)
5980	May11	-1858*	R.NZi, Rangitaiki. E, Story Time px, mx, fq ann., IS. Splatter de 5970. 34332 (CGS)
5985	Apr19	1254	R. Myanmar. Thanks to Ron Howard's tip, "Learning English with BBC-Burmese" heard fairly well to 1300, then segued Burmese pop. (Dan Sheedy)
5995	May19	-0729*	Radio Mali, Bamako, open today earlier than its usual time, African songs and id. “Radio Mali... quatre vingt douze... megahert FM”, at 0558 tuning music, at 0600 id. “Vous écoutez

			L'Office de Radiodiffusion Television du Mali emettant de Bamako...”, African songs, Vernacular comments. (Méndez)
6005	May15	0915	Shortwaveservice, Kall-Krekel German talk - very weak // 3985 (AP-DNK)
6010	May10	2135	R.Inconfidência, Belo Horizonte MG. Folk songs in px A Hora do Fazendeiro. Inaudible on // 15190v. 25331 (CGS)
6010.1v	May6	2330	UNID looking for Colombia La Voz de tu Conciencia, Puerto Lleras, SP weak, also seemingly another station hating this one (Wilkner)
6015	May19	0410	Zanzibar Broadcasting Corporation, Dole, Swahili, comments. (Méndez)
6035	May16	1114	BBS, from 1114 till suddenly off at 1156*; usual format; YL DJ in English (almost readable) playing pop songs (Calum Scott with "You Are The Reason," etc.); very nice to find another day that FM99 (relayed via PBS Yunnan) was still off the air; *1145, start of the N. Korea jamming spur, but BBS was holding up fairly well through the QRM. Today was one of the better days for BBS reception! (Ron Howard, Asilomar State Beach, CA)
6045	Apr19	-1458*	National Unity Radio (Dushanbe-Yangiyul). Good signal with KR chat & pop music, kinda wonder about the xmtr site, though--awfully strong (equivalent to Shiokaze 6070/5920 from Yamata) for a CAs location, but Aoki/EiBi both list this as Tajikistan, so maybe just a very efficient antenna beam? (Dan Sheedy)
6050	May19	0232	HCJB, Pichincha, , religious songs in Spanish. (Méndez)
6050	May19	0627	ELWA Radio, Monrovia, English, religious songs and comments. (Méndez)
6070	Apr16	1303	Shiokaze/KCBS. Shiokaze in the clear for a few minutes, then instead of the usual NK roaring jammer, KCBS audio (/2850, 3920, 3959) was all over the frequency until 1311 when the roar returned. NK 'jam-gineer' error or just goofing around? (Dan Sheedy)
6070	May19	0412	CFRX, Toronto, English, comments, news, mentioned “Canadian flash”. (Méndez)
6080	May10	2137	R.Marumby, Curitiba PR. Rlgs. songs, QRM de CHN (p). // 9515 rtd. 45433. 34432 (CGS)
6090	May5	1735	Amhara State R., A.Ababa, VV: TK, East African songs, G (MGi)
6110	May12	1831	R.Fana, Geja Jawe. Vn, tks, HoA songs, phone-ins. 45343 (CGS)
6110	May18	1710	R.Fana, ADD, Amharic?, tent Afro mx tk Afro mx. (TB)
6115	May14	-1828*	Radio Congo, Brazzaville, news, comments, “Le Congo”. African songs. Weak. (Méndez)
6115	May18	-1828*	Radio Congo, Brazzaville, French, news, comments, id. “Radio Congo”. (Méndez)
6134.8	May18	2252	Radio Santa Cruz, Santa Cruz de la Sierra, Very nice Bolivian songs in Spanish. (Méndez)
6134.86	May6	2330	Radio Santa Cruz weak distorted signal noted also on the 4 May, same time . (Wilkner)
6160	May18	2005	Short Wave Radio de., Winsen, pop songs, English, comments. // 3975. (Méndez)
6185	May15	0345	R Educación, Ciudad México Spanish talk, Mexican choir song (AP-DNK)
6185	May19	-0502*	Radio Educación, Ciudad de México, classic music. (Méndez)
6190	May18	*0600-	Hamburger LokalRadio, Gohren, English, id., “Media Network Plus”, Glenn Hauser’s program “World of Radio”. (Méndez)
6210.2	May18	-1805*	Radio Kahuzi, Bukavu, religious songs, vernacular, comments. Extremely weak, only audible on LSB. (Méndez)
6280	May15	2140	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN. // 6370, 7810. 35443 (CGS)
6350	May16	1847	R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks, pops. Jammed. Occ. uty. QRM too. 24432 (CGS)
6370	May15	2132	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN. // 6280, 7810. 35433 (CGS)
6600	May9	1839	Voice Of The People (cland.), Goyang. Kor to KRE, tks, songs. Jammed. 24331 (CG)
6870.1	May4	1836	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN, tks. 25342 (CG)
7140.04	May15	0325	Voice of the Broad Masses of Eritrea, Asmara. Horn of Africa music (AP-DNK)
7180.03	May15	0330	Voice of the Broad Masses of Eritrea, Asmara Afar talk (AP-DNK)
7205	May6	1715	Xinjiang PBS, Urumqi Uighur talk, local song // 3990 (sideband QRM from Germany), 4980 and 6120 (AP-DNK)
7205	May13	0305	R Omdurman, Al-Fatihab Arabic talk, muslim songs (AP-DNK)
7205	May18	1635	Voice of Africa, Sudan Radio, Al Aitahab, French, id. "La Voix de l'Afrique", comments, at 1715 English, id. “This is the Voice of Africa”, news, comments, African song, id. “The Voice of Africa, from Radio Sudan”. (Méndez)
7810	May15	2133	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN, tks, songs. 15341 (CGS)
9180	May15	2135	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN, mx, tks. Not // to 6280, 6370, 7810. 25342 (CGS)
9230	May15	2138	Sound Of Hope R Int'l (cland.), unk. site. Mand to CHN, mx, tks. // 9180. 15341 (CGS)
9300	Apr16	1417	TWR-India (Yerevan). Poor/fair in Hindi with hymns/inspirational chat, BOH ID in EG/Hindi with Post Box # for contact. (Dan Sheedy)
9420	May6	1825	Voice of Greece, Avlida Greek interview, beautiful Greek folksongs (AP-DNK)
9420	May10	0450	VO Greece, Avlis,Greek, tK, G (MGi)
9500	Apr16	*1457-	TWR (Manzini). IS/ID loop (still "Swaziland" & not the new "eSwatini"), opening in Somali with co-channel CNR1 (Shijiazhuang) mostly well under. (Dan Sheedy)
9505	May13	1806	Voice of Africa, Al Aitahab, Hausa, comments. (Méndez)
9515	May13	2100	R.Marumby, Curitiba PR. Rlgs. propag. QRM de CHN (p). 34443 (CGS)

9550.1	May14	2126	R.Boa Vontade. Mx & rlg. propag. Adj. QRM. Inaudible on // 11895.1. 23441 (CGS)
9595	Apr21	1610	Radio Nikkei 1. Surprised to hear RN1 here with at least 3 different "IS-style instrumentals between generic ID ("kochiwarara Radio Nikkei...hoso"), full opening ID w/ all 3 SW frequencies given..not sked here in Aoki/EiBi, so perhaps testing for possible future return? (Dan Sheedy)
9620	May13	*1600-	Radio Sultanate of Oman, Muscat, English, id. "Radio Sultanate of Oman", comments. (Méndez)
9630.5	May6	2103	R.Aparecida, Aparecida SP. Mass. Adj. QRM. 34443 (CG)
9635	May19	*0800-	Radio Mali, Bamako, open with tuning music and id. "Vous écoutez L'Office de Radiodiffusion Television du Mali emettant de Bamako...", African songs, vernacular comments. (Méndez)
9650	May5	1810	R.Guinée, Conakry, FF: MX talk, G (MGi)
9650	May15	*0554-	Radio Guinea, Conakry, tuning music, id. "Vous écoutez L'Office de Radiodiffusion Television du Mali emettan de Bamako...", Vernacular comments, African songs. (Méndez)
9650	May15	2035	R.Guinée, Sonfonia. Local songs. 54444 (CGS)
9664.4	May11	1843	R.Voz Missionária, Camboriú SC. Rlgs. propag. Adj. QRM. 33442 (CGS)
9700	May11	*1859-	R.NZi, Rangitaiki. IS, E, nx, ... Adj. QRM. 24342 (CGS)
9795	Apr18	-1259*	KNLS. Good signal for the tail-end of "Creation Moment", English hour sked/frequencies, Arianna Grande song & off..//7355 slightly weaker. (Dan Sheedy)
10000	May8	2054	Associazione Amici di ITALCABLE, Massarosa. Ital, TS+TCs interspersed w/ mx pcs. Carrier + suppressed LSB. QRM de BPM, CHN. 24342 (CG)
11530	May9	1915	Dengê Welat Via Issoundun, Kurdish ID "Radyo Denge Welat" G (MGi)
11665	Apr30	1240	Wai-FM (via RTM-Kajang). Doing fairly well this morning with usual ML pop, lively DJ, big production jingles..apparently not running "Wai FM-Limbang" programme (as heard last year) on Mondays 1315-1400. (Dan Sheedy)
11725	May16	2139	R.NZi, Rangitaiki. E, interview, songs, nx. Best via the K9AY antenna. 35332 (CGS)
11735	May18	1750	Zanzibar Broadcasting Corporation, Dole, Swahili, comments, at 1800 time signals, news in English. Very weak, barely audible. (Méndez)
11780	Apr21	1420	RNA. Apparently on with a special Easter broadcast--mostly phone calls & chat with IDs/slogans mixed in. (Dan Sheedy)
11780	May13	1958	Radio Nacional da Amazonia, Brasilia, Brazilian songs, id. "Radio Nacional da Amazonia", comments. (Méndez)
11815	May12	1140	R.Brasil Central, Goiânia GO. Songs, tks, tx off 1149. Extrem. weak audio. 25442 (CGS)
11820	Apr17	*1527-	TWR (Manzini). Poor signal with IS/ID loop, orchestral bridge into AR programme. (Dan Sheedy)
11835	May5	1745	Sri Lanka BC Thunder FM ,Trincomalee VV: TK music, G (MGi)
11855.7	May9	2010	R.Aparecida, Aparecida, PP: music TK , G (MGi)
11855.7	May12	1143	R.Aparecida, Aparecida SP. Mass. 25442 (CGS)
11860	May9	1905	Rep.Yemen Radio Sana'a Riyadh,AA:Talk G (MGi)
11894.9	May18	2101	Radio Boa Vontade, Porto Alegre, religious comments. (Méndez)
11895.1	May15	2040	R.Boa Vontade, Pt.º Alegre RS. Rlgs. propag., organ mx in background, then songs to match. 35342 (CGS)
11915	May6	1245	China Business R, Xianyang. CC conversation and song // 9620 and 11835 (AP-DNK)
11930	May9	2000	R.Martí Greenville,SS:Talk news ID,G (MGi)
13610	May6	1240	Voice of China, Nanning Chinese conversation // 11710 and 11925 (AP-DNK)
15034U	May11	1516	Trenton Military ID and claiming time is 1515z, still ``no report received`` from Halifax, Bagotville, Trenton, Ottawa, Toronto; repeating --- (Glenn Hauser, OK)
15120	May5	1755	Voice of Nigeria Abuja , DRM News in E music 1804 off, G (MGi)
15475.972	May14	1327	JBA carrier on signature off-frequency of LRA36, active since it's Tuesday. Even weaker JJBBA carrier by 1357 recheck. Try again Thursday (Glenn Hauser, OK)
15476	May16	1810	LRA 36, Radio Nacional Arcángel San Gabriel, Base Esperanza, Carrier and some comments and songs heard. Extremely weak, barely audible and only on USB. (Méndez)
15805	May19	0847	World Music Radio, Randers, pop songs in English, Brazilian and Latin American songs in Spanish id. "World Music Radio". (Méndez)
21690	May1	1512	RFI, ISS, Swa, tk ID tk. (TB)

Pirate stations:

3905	May5	2105	R.Elvis - pir. Pops. ID via DX press. 35332 (CG)
3920	May12	1845	R.Kachelboer - pir. Pops. ID via DX press. 25331 (CGS)
5140	May10	2145	Charleston R Int'l - pir. E, oldies, tks. 45343 (CGS)
5140	May5	1815	R.Charleston Int.,Pirate ,music ,G (MGi)

5810 May18 1721 Continental R, ,, Du, tent GM mx DU tk mx; tent id info: <https://shortwavedx.blogspot.com/2019/>. (TB)

5815 May5 1849 R.Continental - pir. Pops. ID via DX press. Rtd. 35332 at 2050. 25331 (CG)

5825 May13 2106 Misti R (t) - pir. Mx. T-ID via DX press. 35342 (CGS)

6270 May10 2143 R.Sovereign - pir. Pops. 35433 (CGS)

6269.7 May4 2107 R.Focus Int'l (t) - pir. Pops. T-ID via DX press. 25331 (CG)

6285 May11 1430 R.Focus Int'l - pir. E, songs & mx, tks. 35332 (CGS)

6279.8 May5 1838 R.Technische Man - pir. Du, pops, tks. 35443 (CG)

6288 May4 2104 Your R Of The Sea - pir. Mx. ID via DX press. 35332 (CG)

6295 May5 1842 Reflections Europe - pir. E, rlg. propag. pxs. // 12255 rtd. 35443. 35443 (CG)

6295 06/5 1827 R.Parade Int'l - pir. E, songs & mx, pop oldies, e-mail addr. anns. 35342 (CG)

6295 May11 1827 R.Joey - pir. Pops. ID via DX press. 35343 (CGS)

6305 May9 -2108* R.Parade Int'l - pir. Pops. Suddenly off. Ann's. in Amer. accented E. 35332 (CG)

6305 May12 1826 R.Mustang - pir. Du, mx, tks. Occ. uty. QRM. 45343 (CGS)

6305.1 May3 2055 R.Merlin Int'l (t) - pir. Mx. T-ID via DX press. 15341 (CG)

6324 May4 2102 R.ROSS (ROSS AM?) - pir. Unreadable IDs, pop oldies. Went off the air shortly afterwards. ID via DX press. 45343 (CG)

6324 May7 1907 R.Sovereign - pir. Pops. ID via DX press. 35332 (CG)

6325 May6 1826 R.Sovereign (t) - pir. Pops. T-ID via DX press. 25341 (CG)

6325 May5 1840 R.Joey - pir. Pops. ID via DX press. 25331 (CG)

6850 May4 1819 Blue Moon R (p) - pir. Pops. 25331 (CG)

6875.1 May4 -1834* R.Europe - pir. Songs. ID via DX press. 15341 (CG)

7725 May13 2109 Zeppelin R, Athínai - pir. Songs. 25342 (CGS)

12255 May12 1341 Reflections Europe - pir. E, rlg. propag. pxs. Inaudible on // 6295. 25442 (CGS)

Contributors to the log:

wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX	AP-DNK, Anker Petersen, Skovlunde, Denmark
Glenn Hauser, Enid, OK, USA (also from WOR&DXLD)	Méndez, Manuel Méndez, Lugo, Spain
Ron Howard, Asilomar State Beach, CA, USA	CG & CGS, Carlos Gonçalves, Lissabon, Portugal
Karel Honzik, Czech Republic via RealDX	TB, Tomas Burian, Morava, Czech Republic
Robert Wilkner -Pompano Beach, Florida	Dan Sheedy, Moonlight Beach, CA
	MGi, Mauro Giroletti, Buccinasco -Milano, Italy

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

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

Station news

ALASKA. HAARP QSL CARDS Hello Folk, This letter sent me by Miss Amanda Dawn Christie, to inform me of the status of the responses to the reception reports of the listening of the HAARP Event, 2019

My apologies for the delayed response. When I returned home to Montreal from Alaska I was in the midst of final exams, critiques, and grading. I am almost finished now.

I actually just met with my designer this morning about the designs of the QSL cards. We are making custom QSL cards for this event, so please do be patient. He is going to get me a draft by May 10, then we will likely go back and forth making changes until May 24, I hope to have them printed by early June so I can mail them out to people in June.

I am meeting with my project manager tomorrow morning, and we will be creating our strategy for how to manage the reception reports (there were a lot) communicating with people, organizing the data, recordings, audio, images, video, the website, etc., and making a spread sheet with everyone's information (name, contact info, mailing address, etc.), so that we can make sure not to miss anyone when send out the QSL cards.

So you were not forgotten; I just had not yet designed the cards (I want to make a special design), and I am a full time professor and it was the end of the semester. Classes are finished now, and I just have one class left to finish grading. Then all of my attention will be back 100% on this project. QSL cards are currently being designed and should go in the mail in early June.

Best, Amanda Dawn Christie (via Hector Frias Jofre, CE3001SWL, Chile, April 30, dxld May 2)

Other radio news

Fine Tuning Proceedings

Back in the late 1980s and early 1990s several members of the Fine Tuning group of DXers compiled collections of articles, written by DX experts, and published them in a series of books, known as "Proceedings". There were articles on receivers, antennas, propagation, peripheral equipment and other topics.

These books have been difficult to obtain. DXers tend to keep them in their libraries.

Now these articles are available as PDF documents, freely downloadable from the Ontario DX Association IO Group. Look under Files. The articles are grouped into five folders: Receivers, Antennas, Propagation, Peripheral Equipment and Features.

Spread the word, so others can benefit from the knowledge and expertise of the writers of these excellent articles.

(Harold Sellers-BC-CAN, DXplorer May 5)

(vy73 de Wolfgang DF5SX, WORLDWIDE DX CLUB Top News #1383 May 10th, 2019)

Re: [Perseus-SDR] Updates to software

Hi, all - from a practitioner's point of view, I still see a lot of useful development in the field of SDR hardware and software. Some of it had already been done, some is announced for this summer. Just six points out of those being far more than just eye candy:

- * 30 MHz HF bandwidth for record/play

- * numerous decoders in parallel (24 are already available) for parallel decoding of many data channels

- * GPS synchronization as reference

- * connecting many remote devices (coherently or by time-stamped recordings) to achieve direction finding (TDoA)

- * include scheduler, decoder etc

- * combine a couple of ADCs to improve dynamic range (e.g. four ADCs to get an improvement of +6)

I don't think that all this must be provided by just one company. Cooperation and open interfaces are key to a solution.

On the other hand, many of the disrupting functions, already available also with Perseus, haven't yet arrived within the "community". Its majority seems to use an SDR in more or less the same way as a Collins 51S-1 in the 1960s.

This has to do with the largely conservative mindset of mainstream amateur radio and their publications. Instead of leading (or at least: applauding) innovation, they populate the brakeman's cab. Partly of pure indolence, partly for again pure commercial interest - as only the legacy companies are booking expensive 4c glossy advertisements in their publication. This, of course, influences also the editorial parts of their magazine with e.g. biased test reports. If you want to see a vicious circle at work, here it is in a perfect form.

Wrapped up: There are many things to do which are quite challenging to ingeniously developers and also make sense for advanced customers. Conceded that "the masses" are lagging behind in making proper use of even the features we already have at hand ... ;-) (73 Nils, DK8OK)

Will there ever be anymore updates to the great Perseus software. Still love my Perseus!

Regards, George, NJ3H, Redmond, Oregon USA

Hi George, Sooner or later I will release a final version, right to remove the hateful alpha suffix and correct some minor issues, anyway I have not planned further developments.

I'm not so motivated anymore. I'm feeling that there's nothing so innovative that it's worth to be developed, at least in the software.

We are already living in the era of buttons and coloured spectrum analyzers which serve no real purpose (besides astonishment, of course) and I simply have no real interest in spending my time for them.

Maybe in the future, if we all will find something really amazing and new to do...

(73s, Nico / IV3NWV via Perseus_SDR)

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

Although it is now part of deep shortwave history, WRUL was one of the most famous American shortwave stations. It started out in Boston as W1XAL, later becoming WNYW, and was well known for its educational programming. For a time during the years 1938-41, WRUL published a good-looking monthly magazine called *The World Wide Listener*. Under "DX History/QSLs & Other Station Memorabilia," we have posted a short writeup about *The World Wide Listener*, together with two copies of the magazine, one from 1939, the other from 1940. -- Online we have also come across an interesting file of WRUL items. It is in the digital collections of the University of Massachusetts-Amherst and can be viewed at <<http://credo.library.umass.edu/view/full/mums411-b018-f091>>

(Jerry Berg via DXplorer)

[WOR] History - Popov demonstrates radio receiver, May 7, 1895

EDN, BY Suzanne Deffree, May 07, 2019

In Saint Petersburg, Russian physicist Alexander Stepanovich Popov demonstrated the Popov lightning detector, a primitive radio receiver, to the Russian Physical and Chemical Society on May 7, 1895.

In the early 1890s, Popov began conducting experiments along the lines of Heinrich Hertz's research. In 1894, he built the first radio receiver, which contained a coherer. He further refined the design as a lightning detector.

A paper on his work was published in December 1895, but he did not apply for a patent for his invention.

In March 1896, Popov transmitted radio waves between buildings in St Petersburg. In 1898, he realized ship-to-shore communication over a distance of 6 miles, and then over 30 miles a year later.

In 1900, a radio station was established under Popov's instructions on Hogland Island (Suursaari) in the Baltic Sea to provide two-way communication by wireless telegraphy between the Russian naval base and the crew of the battleship General-Admiral Apraksin.

In some parts of the former Soviet Union, May 7 is celebrated as Radio Day as Popov has generally been recognized in Eastern Europe as the "inventor of radio," in contrast to the West's recognition of Marconi and Tesla.

Popov's work on the emission and reception of signals by means of electromagnetic oscillations built upon Nikola Tesla's accomplishments demonstrated in 1893.

Guglielmo Marconi received a patent for radio in 1896, but his device is widely thought to be based on various earlier techniques of other researchers, including Tesla, and resembled instruments demonstrated by others, including Popov. The three inventors are among a small group of scientists and engineers who had a hand in the invention of radio.

<https://www.edn.com/electronics-blogs/edn-moments/4413552/Popov-demonstrates-radio-receiver--May-7--1895>

(Mike Terry via WOR)

NOSTALGIAVDELNINGEN

Här kommer det några inskannade QSL ur Birger Östlunds QSL samling.

Han var bosatt i Skesta i Gnarp. Han var född 1927 och avled 1994.
(73, Dan Andersson)

Stort tack, Dan för inskannade QSL. /TN



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PRAIA

CONFIRM YOUR REPORT, MANY THANKS.

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EMISSOR DE ONDAS CURTAS

50.89 mt.

COMP DE ONDA: ~~49.08~~

POTENCIA 400 WTS *300 WTS*

FREQUENCIA: ~~6.024~~ K c/s.

5.895 *17/30*

EMITE DIÁRIAMENTE

DAS ~~18.30~~ ÀS ~~20~~ GMT
20.30 22.00



THANK YOU for your reception report dated *26.2.53*..... which we verify. We shall be glad to hear from you again.

Lusaka broadcasts daily to Africans from ~~13.00~~—~~17.00~~ hours G.M.T. (~~15.30~~—~~16.30~~ Sundays) on ~~30.0~~ (9.710 kcs.), 41.5 (7.220 kcs.) and ~~76.6~~ (3.914) metres; and from 09.00—10.30 hours G.M.T. on Sundays to Europeans.

Central African
Northern Rhodesia Broadcasting Station,
P.O. Box 209,
Lusaka,
Northern Rhodesia.

[Signature]
Broadcasting Officer.
Encl. 2718643