

# SHORTWAVE BULLETIN

Issue no. 1817, Feb 15, 2015.

Deadline e-mail next issue: 0800 UTC, March 1, 2015.

Massor med trevlig info har anlänt till detta nummer. Flera trevliga QSL, en gammal kortvågstabell från DX-Radio 1956 samt en reaktiverad station på 3290, Voice of Guyana.

Dessutom massor med tips i loggen.

Betr DX-Radio så hittades nästan ingen info alls på nätet. Tyvärr finns det inte så mycket historik utlagt från tiden före 1970. Som tur är, har Jan-Erik Räf skrivit ett någrammycket trevliga artiklar om hur det var att dx-a på den gamla goda tiden.

Som synes i bidragen så är det inte mycket kvar av nordisk dx-ing. De flesta bidragen kommer från DX-are i andra länder.

Men det är ju så att de flesta stationer är hörbara på olika tider i olika världsdelar. Så ge inte upp hoppet bara för att tiderna inte stämmer.

Kolla i tipsspaltens när stationerna kan höras.

Det är väl det som SWB är till för ....

Keep on ....

=====

Redaktion:

Thomas Nilsson  
Mardalsv. 372  
262 93 Ängelholm

Tel: 0431-27054

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.

**Christer Brunström: China Radio International 17490 kort. Radio Vaticana 21710 och 21560 QSL-kort, vykort och kalender. Deutsche Welle, Kigali 17800 kHz QSL-kort med motiv från Schwerin. Relästationen i Rwanda läggs ju ned i slutet av mars. Samtidigt tycks även Radio Rwanda försvinna från 6055 kHz. Därmed upphör kortvågsradio från Rwanda.**

Loggningarna gjordes på en minixpedition till Mikael Aspenström i Söndrum utanför centrala Halmstad.

**Anker Petersen:** Herewith a few loggings, I made recently in Skovlunde on my AOR AR7030PLUS with 28 metres of longwire, which survived the latest storm "Ole".

**John Ekwall:** Har gått igenom KO's Peru-QSL och det blir en hel trevliga kort att redovisa. Bläddrar dessutom i gamla DX-radio från 50-talet och där tänkte jag helt enkelt scanna av deras kortvågstabell. Verkligen intressant att se alla udda fqg och avsovnade stationer.

*(Stort tack för inskanning av trevliga QSL och även den mycket intressanta tabellen över tropikbandet. /TN)*

**Dan Olsson:** Hej! Här kommer lite bidrag. Tipsen är ifrån den senaste natten/dagen i Saxtorp och de flesta svar är också därifrån. I veckan har de första tropologgningar gjorts på bilradion då både Tyskland och Polen samt Bornholm har hörts på flera frekvenser.

**QSL: 6210 R Laguna** e-brev och kort, **6400 R Montferland** e-brev och kort, **6820 R Mirabelle** e-brev o kort samt **6950 R Enterprise** med e-brev och kort. Det var svar ifrån fyra olika länder då Laguna är ifrån Tyskland, Montferland är ifrån Nederländerna, R Mirabelle är ifrån Frankrike och R Enterprise är ifrån Italien.

**Lars Skoglund: Channel 292, Rohrdorf 6070** svarade med kort och personligt brev.

**Robert Wilkner.** Welcoming Sheryl Paskiewics to our band of dxers !

**Påminnelse ARC-SWB konvent 9-10 maj 2015 (OBS! datum.)**



Vårens DX-begivenhet har de senaste åren varit ARC/SWB-konventen med många deltagare. I år är det Klavreström som gäller.

På begäran är det planerade programmet i år tunnare för att ge mer utrymme för enskilda samtal.

Det går fint att anmäla sig redan nu till konventet före den 26 april till **HM 0478 18042** ([hasse.mattisson@tele2.se](mailto:hasse.mattisson@tele2.se)) eller **BE 0470 80100** (mobil 0709851860) ([benget.ericson@telia.com](mailto:benget.ericson@telia.com)). Vid anmälan var god ange boendalternativ samt om du är allergisk mot någon mat. Tag med jämna pengar till konventet!

2485	Feb2	1055	VL8K Katherine NT 1055 fading in with yl chat, weak audio to 1105 (Wilkner)
3240	Feb3	0336	TWR listed Ndaу with religious talk ( Sheryl Paskiewics-WI)
3249,2	Feb5	2223	UNID. Não ident. grega, texto, canções gregas; 2. <sup>a</sup> harm. de 1624,8. Heterodinagem contornável, c/ a KRE, em 3250. (Carlos Gonçalves)
3289,9	Feb8	0156	Voice of Guyana 0156 Simon and Garfunkel "Sound of Silence", 0203 "Scarborough Fair", 0208 El Condor Pasa 4 February --- 0357 rock music, time pips 0400 into BBC news relay (Wilkner)
3289,93	Feb5	0145	Guyana mellow vocal ...."Sound of Silence" at 0156.... non stop Simon and Garfunkel through top of the hour, 0208 El Condor Pasa ..... 0212 over-modulated announcement by om. 0223 to 0233 break in transmission noted by Aaron Kreider on Cumbre, return to music 0233; recheck still on 0330. (Wilkner)
3289,975	Feb2	0118	V.o. Guyana. Hrd in amidst of the UTE here, first noted at 0118. MOR W vclist at 0331 recheck. Quite readable at 0336, and at 0337 w/Johnny Mathis-like song, and another at 0346-0348. Then "Last Date" by Floyd Cramer, cutoff, and into a diff. song. 0357 started "Last Date" again and deep-voiced M anncr sounding like a Caribbean accent. 0328 "Goodbye to Love" by the Carpenters then W anncr at 0359 (probably the pre-ToH BBC promo), 0400 time ticks and BBC nx //9460. Came back later when the electricity was out due to an ice storm and found the freq clear of the UTE and W in EG w/rel. pgm at 0804. Hindi mx at 0815 recheck then tried to air a rel. pgm but the audio was cutting out badly. 0829 deep-voiced M came on w/ID and apologized, then choral NA at 0830. 0831 different M anncr briefly and then what appeared to be the Koran. Into a Pop mx pgm w/M DJ host. Fading by 0840. Nice ID at 0848. Nice to have them back on SW. (Dave Valko)
3289,975	Feb5	0918	Voice of Guyana. Elvis Presley "Great Pretender" song, S=8 -74dBm strength heard on <u>remote unit in Florida-USA</u> . At 0920 UT Indian Hindi like music, high pitch female singer performs. 0924 UT anmt in heavily accented English, followed by another ? Vernac? singer and drums musicans. (wb df5sx)
3289,977	Jan4	0040	Voice of Guyana, Sparendaam, local religious program with Caribbean accented host, song "One Day At a Time", prayer and contact info. "Your listening to the Voice of Guyana" at the top of the hour followed by a female announcer playing light instrumental music. There is what sounds to be a STANAG4285 signal centered just below and covering this frequency that peaks to the NE which I have been able to null with the Shared Apex Loop aimed SE, but it is extra strong now and is adding a bit of noise to an otherwise good signal from Guyana. <i>Jan 5 0028 - nice program of Hindi filmi songs, 'Jab Hum Jawan Honge, Janey Kahan Honge' from Betaab soundtrack at tune in, male DJ with Voice of Guyana ID and TC's, mentioning 560 AM and 102.5 FM. Music switching to obscure light pop at 0038, with All Day Song by Evie. Nice modulation and signal, lightly spoiled by the utility and Gulf of Mexico lightning. (Brandon Jordan)</i>
3289,977	Feb9	0356	Voice of Guyana suffering heavily from the nearly always present >S9+10 dB STANAG 4285 signal on 3289 which also totally blocks 3290. With use of Perseus maximal notch and the auto notch, it is possible to pull out some audio, at least from the music which sounded a bit Hindi style. At 0400 time pips then into music again. First noted here on Feb 4 but weak then. <i>STANAG 4285 is the NATO standard for HF communication. It consists of several sub modes (75-2400 bps) and two different interleaving options (short and long). The waveform consists of a 1800 Hz carrier with PSK modulation.</i> On Feb13 & 14 at 0725 the Stanag transmitter was off and Arne Nilsson reports that Guyana was heard with good signal up in the North. On Feb 15 the STANAG transmitter went off air at 0653 and Guyana could be heard with weak signal. Too late down here in the South Sweden, conds already gone. TN
3290-	Feb4	0615	Voice of Guiana is better, now that Jamie has upped the power from 400 to 1000 watts, and it is // 9460 BBCWS but about half a second ahead of Ascension. No QRM now from the ute on the lo side, or anything, but still tough copy. (Glenn Hauser, OK)
3290-	Feb14	0617	Voice of Guyana, talk in English in BBCWS relay, seems same as on 9460 Ascension, but a few words out of synch. Very poor signal as we wonder if still running 1 kW. Presumably Jamie is waiting for replacement parts to arrive, and he may have gone home to NY in the meantime (Glenn Hauser, OK)
3290	Feb3	0250	V of Guyana, 0030, better tonight as there was real audio with some talk by M and mx getting through; however, the heavy QRN and ute QRM made the signal essentially unintelligible Feb 3; 0250, best reception yet for this, M in EG talk and pop mx, but still

			competing w/ lots of QRN (Feb. 5 ) Hope this one lasts for awhile. (XM)
3310	Feb1	0109	Mosoj Chaski, Cochabamba 0109, poor signal but M in talk could be detected, unable to say if SP or Quechua, some QRN (XM)
3320	Feb5	0255	Radio Sonder Grense, Afrikaans talk, mx, poor to fair (XM)
3375,1	Feb2	1049	Radio Municipal São Gabriel da Cachoeira 1049 note om in Portuguese and music, fair signal strength (Wilkner)
3385	Feb4	1118	PNG, R East New Britain, threshold level, not much else coming in (XM)
3900	Jan30	-1440*	Hulun Buir PBS (Hailar) 1436-40* 30 Jan, 1357-1403, 1427-41* 31 Jan. Thanks to Bruce Churchill's info, found HB PBS (tentative, no ID) w/ CH chat, some "traditional" CH songs & what sounds like a radio drama w/ abrupt closing mid-word both days..if there were pips @ 1400 on the 31st, they didn't sneak through the QRhaM. (Dan Sheedy)
3945	Jan25	1432	R. Vanuatu (p) 1432-1447+ 25 Jan. Thanks to a tip from Ron Howard, heard with segued EG pop & no anncts..poor signal @ best & unhrd subsequent days (mediocre propagation to So. Cal., apparently, as Ron Howard was hearing them on the 26th.)..2 Feb. 1458+ RV heard once again with EG pop & abyssal signal. (Dan Sheedy)
3945	Feb11	1417	R. Vanuatu (presumed), Feb 11 was one of their better days; still hearing their favorite song "You are the Only One," which was played at 1417 & 1445. Glad to find they still are on their extended schedule (Ron Howard, Asilomar State Beach, CA, USA)
3945	Feb11	1312	[non], jazz song in English, i.e. R. Nikkei 2, not // stronger Nikkei 1 on 3925 with classical music. I'm checking for signs of another signal on 3945, i.e. R. Vanuatu which is reported running 24 hours on this frequency only, but no trace. After 1401* of RN2, still not even a JBA carrier left. Yet Ron Howard in California says this was ``one of their better days``, heard past 1445 (Glenn Hauser, OK)
3945	Feb14	1545	R Vanuatu (p) with nonstop mx, typical Pacific fading. Several days also noted from about 1800 with weak signal, having the best signal at 1840 and then fading away to be gone at 1915. TN
3985	Feb2	1501	CNR2 (Geermu)/Echo of Hope (Hwaseong). CNR2 (//6065/6155/7335) way under EoH, but both clear w/ NK jammer off..but not for long--roaring jammer opened up @ 1503. (Dan Sheedy)
3990,00	Feb8	*2313-	Xinjiang PBS, Urumqi Uighur talk and music. QRM Gannan PBS 3990 and R 700 3985 - late s/on (// 4980 signed on at *2308 AP-DNK
3995	Feb14	1900	Die Andenstimme med Für DXer. 4 CB
4045u	Feb11	1228	Cuba, Sailing Vessel off Havana 1228 - 1230 requesting weather for sailing (Wilkner)
4055	Feb9	1209	R. Verdad with favorite banjo music, reminiscent of `Workin` on the Railroad` but workin` in gospel tunes too, including RR crossing warning bells; presumably outro for Dr. Madrid`s signature show `El Tren del Evangelio`; 1210 YL TC for 6:12; 1211 full ID with Apartado 5, Chiquimula address; 1212 `Ode to Joy` theme introduces a Bible study program in Spanish. Today`s sunrise there is 1225 UT, so may remain for another semihour. News on Feb 8 that a volcano had erupted in Guatemala, but the item I heard didn`t name it or locate it. It was Fuego, SW of Guat City, while Chiquimula is further ENE of the capital, closer to Honduras, so I suppose no problem for TGAV (Glenn Hauser, OK)
4055	Feb8	0210	R Verdad rel talk, fair, Scripture references, ment onda corta freq check (( Sheryl Paskiewics-WI)
4319U	Feb11		[non log]. AFN. Feb 11, a rare day with a very clear frequency; no trace of any QRM; my local sunrise was at 1500 and propagation was good, so at 1426 or 1432 or 1447, I should have been hearing them with no problem, but there was nothing here; no trace of an open carrier. Safe to say they were off the air today (Ron Howard, Asilomar State Beach, CA, USA)
4693,7	Feb7	2241	Não ident. grega, canções gregas, texto; 25331, portadora instável. (Carlos Gonçalves)
4699,9	Feb5	2327	R. San Miguel, Riberalta, castelhano, anúncios comerc., música; 25331. (Carlos Gonçalves)
4700	Feb1	0105	Radio San Miguel, Riberalta 0105, mostly threshold, but definitely better than carrier (XM)
4716,65	Feb8	0153	Radio Yatun Ayllu Yura, Yura 0153 to 0209 musica de Bolivia with om dj, fair signal with fades. (Wilkner)
4716,7	Feb7	2312	R. Yatun Ayllu Yura, Yura, quíchua ou aimara, canções índias; 35332. (Carlos Gonçalves)
4717	Feb1	0105	Bolivia, 0105, threshold to poor, better than 4700 (XM)
4747,6	Feb5	2324	R. Huanta 2000, Huanta, castelhano, anúncios para curandeiros, tudo c/ fundo musical; 35343. Por esta hora, parece ser quase trivial ouvir falar em curandeiros, na R.Huanta 2000, seja a propósito de anúncios, seja a propósito de rubricas sobre eles. (Carlos Gonçalves)
4755,57	Feb13	*2000-	The Cross (p) starting at 2000:15 on 4755,50 rapidly (during 5 minutes) drifting up to 4755,56. Weak mx could be heard. TN
4759,998	Feb14	1545	AIR Leh (p) with EE nx from 1530-1545 // 4860 AIR Shimla. AIR Port Blair (p) is 3 Hz higher but weaker at this time. AIR Leh signs off 1630:30 and AIR Port Blair continues

			with a little weaker signal until sign off at 1731 (Sat/Sun), during weekdays sign off at 1701. No ID's heard though. See screenshot below. TN
4765	Feb14	0308	R. Progreso quite undermodulated and hummy, also suffering from CODAR QRM. This once adequate transmitter is ailing. Meanwhile we're still waiting for Arnie's 3365 to activate with RHC. Has he said anything about that lately on DXUL? (Glenn Hauser, OK)
4774,9	Feb5	2319	R. Tarma, Tarma, castelhana, anúncios comerciais, música pop'; 44343, QRM do B, em 4775. (Carlos Gonçalves)
4775	Feb6	2233	R. Congonhas, Congonhas MG, canções de carnaval; 25331. (Carlos Gonçalves)
4810	Feb2	1106	Radio Logos, Chazuta, Tarapoto 1106 - 1111 om in Spanish mixing with stringer CODAR this morning (Wilkner)
4815	Feb8	2207	R. Dif. <sup>a</sup> , Londrina PR, canções; 34321, QRM adjacente de sinal de ponto a ponto e da CHN, em 4820. (Carlos Gonçalves)
4824,5	Feb5	2316	La Voz de la Selva, Iquitos, castelhana, texto, música; 23331, QRM de CODAR. (Carlos Gonçalves)
4835	Feb1	1815	VL8A ABC, Alice Springs, Australia songs, weak (Bernardini)
4845	Feb7	2236	R. Cultura do Amazonas, Manaus AM, canções; 43442. (Carlos Gonçalves)
4850	Jan25	1430	Xinjiang PBS (Urumqi) 1430-1500+ 25 Jan. Looking for possible activation of AIR-Kohima for eve of President's Day, but not this year--XPBS doing fairly well in Kazakh w/ phone calls/chat/music..1 pip @ BOH & 2 @ TOH (unless i missed a few). (Dan Sheedy)
4865	Feb5	2310	R. Verdes Florestas, Cruz. <sup>o</sup> do Sul AC, propag. relig. c/ texto lido por pe. estrangeiro; 43442, QRM de CODAR. (Carlos Gonçalves)
4869, 93	Feb11	2038	RRI Wamena, Irian Jaya, Indonesien, Feb 11 2038 UT. SIO 333. Auch wenn natürlich immer durch CODAR Radar gestört ist RRI Wamena heute gegen 2035 UT mit religiösen Gesängen halbwegs gut zu hören. (Christoph Ratzer)
4869,93	Feb15	2050	RRI Wamena. not so bad, only the CODAR interference... (Christoph Ratzer) <i>(Thanks for a nice recording, I really like the crisp and clear sound from your antenna and Winradio! /TN)</i>
4869,93	Feb11	*2031-	RRI Wamena with sign on at this time. The signal improves slightly towards 2100. Suffering from Codar. TN
4875,1	Feb5	2306	R. Dif. <sup>a</sup> de Roraima, Boa Vista RR, noticiário nacional A Voz do Brasil; 44342, QRM de CODAR. (Carlos Gonçalves)
4885	Feb6	0350	R Clube do Para excited PT talk, fair but noisy ( Sheryl Paskiewics-WI)
4925,2	Feb5	2303	R. Educação Rural, Tefé AM, texto, propag. relig.; 35332. (Carlos Gonçalves)
4930	Feb5	1547	VOA (Selebi-Phikwe). Larry London's music programme popping up briefly //15580. (Dan Sheedy)
4940	Feb14	1524	Voice of Strait with "Focus on China" in progress at 1524; many items about the upcoming Chinese New Year's Eve (Spring Festival) Gala broadcast by CCTV; fair-good. VOS audio - <a href="https://app.box.com/s/cvkfx18n4h03fhcg8ckjelfdvtfmptik">https://app.box.com/s/cvkfx18n4h03fhcg8ckjelfdvtfmptik</a> . (Ron Howard, Asilomar State Beach, CA, USA)
4949,7	Feb8	0151	RNA faint singing ( Sheryl Paskiewics-WI)
4950	Feb11	1303	AIR Radio Kashmir, Srinagar (presumed). Recently rather erratic; several days found transmitter on and off. Today went off about 1400; am hearing only open carrier; rare that I have any actual audio (Ron Howard, Asilomar State Beach, CA, USA)
4955	Feb5	2300	R. Cultural Amauta, Huanta, castelhana e quíchua, texto, anúncios de programação; 35332. (Carlos Gonçalves)
4955	Feb2	1040	Radio Cultural Amauta Huanta 1040 om in Quechua to 1045 , good signal (Wilkner)
4955,00	Feb8	2330	R Cultural Amauta, Huanta (probable) Spanish talk by man and woman. AP-DNK
4965	Feb7	2315	R. Alvorada, Parintins AM, A Voz do Brasil, 2. <sup>a</sup> parte; 35332. Melhor sinal em 7/2, pelas 2315. (Carlos Gonçalves)
4970			[non log]. AIR Shillong. As of Feb 11, this has been silent for a number of days (Ron Howard, Asilomar State Beach, CA, USA)
4970.015	Feb14	1410	AIR Shillong, random monitoring 1410 to 1515. Thanks to Dave Valko for accurate frequency; had been off the air for 3-4 days; must have done some major work on the transmitter, as their signal is much stronger now than recently heard and is slightly higher in frequency; back on air again Feb 13. Feb 14, found the modulation of the musical selections to be very good, but spoken modulation rather low, which was very noticeable when they had good audio feed from Delhi for sports news (1435-1440) and also ads at 1512. 1440-1511: DJ in English with "western music program, the Golden Classics"; Chubby Checker - "Let's Twist Again," Beatles - "Imagine," etc; 1510 news headlines before going into the Delhi audio feed with ads in Hindi and news in Hindi. Best reception in a long time! Audio at <a href="https://app.box.com/s/2ivswiswx7rmdqhn8sfsej60uaagi">https://app.box.com/s/2ivswiswx7rmdqhn8sfsej60uaagi</a> (Ron Howard, Asilomar State Beach, CA, USA)
4970,016	Feb14	1540	AIR Shillong with EE news. Strong and clear signal. TN

4985,5	Feb8	2247	R. Voz Cristiana, Chilca, quíchua, texto, canções e música índias; 25331. (Carlos Gonçalves)
4989,99	Feb2	0308	R. Apintie. W anncr as I tuned in, then into slow rom. ballad by W vclist, kind of sounding like Celine Dion. 0315 W DJ returned, then canned anmnt and back to mx. Nice canned ID at 0418:20. Another ment of R. Apintie at 0435:35. (Dave Valko)
4990	Feb8	2218	R. Apintie, Paramaribo, holandês, música pop', anúncios comerciais (p); 25321. (Carlos Gonçalves)
4990,0	Feb12	2240	Hunan RGD with CC talk, S5 signal. Just below, on 4989,98 another carrier which ought to be R Apintie as per antenna direction, S4. TN
4990,00	Feb14	0650	R Apintie, Paramaribo (tent.). Weak carrier with unintelligible hum 25121 AP-DNK
5019,88	Feb11	1945	Weak sign of SIBC Honiara on its low frequency. TN
5020,0	Feb14	1930	SIBC was back on 5020,0 on Feb 13with relatively good signal at sign on 1858. Very strong at 1930 - 2000. Even stronger on Feb 14 at 1930-2000. Seems to be stronger with the transmitter on 5020,0. TN
5020,0	Feb13		Der Sender aus Honiara ist nun wieder exakt auf 5020 kHz und das Signal ist auch wieder lauter, auch Uwe Volk inThailand hat gleiches gestern festgestellt. So dürfte meine Vermutung dass hier tatsächlich zwei Sender genutzt werden nicht so falsch sein. (Christoph Ratzer)
5035,08	Feb6	2236	R. Educação Rural, Coari AM, propag. relig., ID, às 2246, rubrica de mensagens, às 2248; 34321, QRM do B, em 5035, e espalhamento de CUB, em 5040. (Carlos Gonçalves)
5050	Feb14	1319	Beibu Bay Radio. canned ID seems to be "Are you ready? Hi everyone. This is Beibu Bay Radio, the Voice of Nanning, China"; regular segment in English; today about "Wolf Totem," an upcoming Chinese-language film based on the Jiang Rong semi-autobiographical novel of the same name, directed by French director Jean-Jacques Annaud, filmed in 3D, with story beginning in Inner Mongolia in 1969 (Ron Howard, Asilomar State Beach, CA, USA)
5066,3	Feb7	2002	R. Télé Candip, Bunia, música pop' africana; 25331. Um enorme contraste c/ o sinal captado em Jan'15. (Carlos Gonçalves)
5580	Feb1	0107	Radio San José, 0107, threshold but stronger than this usually comes in nhere, almost up to poor (XM)
5580,24	Feb8	2345	R San José, San José de Chiquitos (tentative) Carrier, but no audio 25432 AP-DNK Also heard here in Ångelholm. S5 signal but where is the audio? TN
5910+	Feb9	0414	[and non]. HJDH on with music, poor signal, slightly on the hi side. Didn't stay for ID, whether Concienca and/or Alcaraván this time. It's missing a lot, or when on, at the `wrong` hours making a LAH with major stations, such as at 0432, when NHK in Russian eastward via LITHUANIA at 0430-0500 is nevertheless more than a match for HJDH; much worse is ROMANIA at 01-03 in Romanian to North America. Also 0641-0659 M-F, TWR Polish via AUSTRIA. Otherwise clear all night except for VOA Radiogram Saturdays at 0930-1000 from Greenville. But you never know when the Puerto Lleras transmitters will be on or off. (Glenn Hauser, OK)
5910,1	Feb8	2230	Alcaraván R via A Voz da tua Consciência, Lomalinda, música folclórica colombiana; 34322, QRM adjacente. (Carlos Gonçalves)
5915	Feb8	1840	ZNBC-Radio 1, Lusaka, dialecto local, texto, chamadas de ouvintes; QRM adjacente, mas o sinal da ZNBC foi bloqueado, às 1900, por outra estação. (Carlos Gonçalves)
5915	Feb1	0410	ZNBC tones, listed Bemba talk. Tnx Nikolich via WOR ( Sheryl Paskiewics-WI)
5939,7	Feb6	2214	R. Voz Missionária, Camboriú SC, entrevistas durante progr. de propag. relig.; 34422. (Carlos Gonçalves)
5952,28A	Feb7	0106	Radio Pio Doce with Andean music, very poor, but always circa this split frequency. Usually reported more like 5952.44 as on Feb 1 by Bob Wilkner, but that would have required four more 40 Hz clix on my DX-398 compared to WWV 5000.000 kHz. Yet my indirect method is likely less accurate (Glenn Hauser, OK)
5952,4	Feb1	0108	Pio XII, Siglo Veinte 0108, poor with M talk, poor (XM)
5952,4	Feb7	0110	R Pio XII SP talks, musica folklorica (Sheryl Paskiewics-WI)
5952,49	Feb3	2320	Radio Pio XII, Bolivia, social talks, weak (Bernardini)
5952,5	Feb7	2319	R. Pío XII, Siglo XX, quíchua, texto, chamadas de ouvintes; 35432, portadora c/ ruído. (Carlos Gonçalves)
5970	Feb8	2238	R.Itatiaia, Belo Horizonte MG, anúncios comerciais; 24331, QRM adj. e no mesmo canal. (Carlos Gonçalves)
5970	Feb7	0115	R Itatiaia excited talks, sound efx, time check ( Sheryl Paskiewics-WI)
5970,00	Feb8	*2245-	Gannan PBS, Tianshui, Hezou Chinese music, 2250 Opening ann in Tibetan, National Anthem, 2251 talk, 2253 martial music with bird calls, 2300 news in Tibetan 35433 // 3990 (33333 QRM R 700 3985) AP-DNK
5985, 00	Feb7	2327	Padauk Myay Radio, Burma, SIO 343. Auf den Morgensport in Burma kann man sich im Radio immer verlassen! Christoph Ratzer)



5995	Feb14	*1300-	StarStar Broadcasting Station (presumed). Indeed signed on at *1300 with usual format of one minute of flute music; assume intro consisted of station name, program number, the recipient number, date of the message and number of characters; assume ID was for the fourth program - "XingXing guangbo diantai 4," but unable to confirm as not strong enough; believed to be operated by Taiwanese Intelligence. In the past, have heard the same format and here is a typical intro audio - <a href="https://app.box.com/s/mdxd2e0fiavd2o3katx6">https://app.box.com/s/mdxd2e0fiavd2o3katx6</a> . (Ron Howard, Asilomar State Beach, CA, USA)
5995	Feb5	2231	R. Mali, Kati, canções do Mali; 55433. (Carlos Gonçalves)
6010	Feb9	0414	the other HJDH which IDs only as La Voz de tu Conciencia, with non // music and Spanish preaching, similar signal level, and at 0432 continuing with no CCI, not even a het tho this one is also slightly on the hi side. Both listed as 5 kW in WRTH 2015. (Glenn Hauser, OK)
6030	Feb8	1802	R. Oromiya, Geja Jawe, oromo, texto, canção locais; 43432. (Carlos Gonçalves)
6039,995			RB2 Curitiba PR program sermon by man and many Santa Maria's heard around 0703 UT on Febr 14. S=8 signal in Edmonton Alberta's SDR server unit post. Nothing heard and seen on 25mb 11935v, only music of CNR5th program of Beijing #491 transmitting center heard co-channel. At same time RNA Brazilia heard with endless talk by man on 11780.106 at 0732 UT, latter S=7-8 signal. And - seemingly - RB2 in 31 mb switched on late, reception was negative at 0700 UT, but after 0714 UT RB2 came on air(?) late, or even propagate into Canada and USA at this time of tune-in. Signal wandered some 20-30 Hertz downwards and settled down approx. 9724.948 kHz at 0728 UT, weak signal into KY-USA remote RX unit. (wb)
6040,00	Feb14	0630	RB 2, Curitiba, PR Portuguese religious "Ave Maria" programme read by man and woman, hymns, relay from R Aparecida 6135 25232 AP-DNK
6050	Feb2	-1521*	Salam FM (via RTM-Kajang) 1511-21*. Nice to find S-FM on late w/ Qur'an recitations/commentary, S-FM jingles & "Radio Salam FM" IDs, religious-sounding pop songs, email addr. for S-FM, chat about Islam in Malaysia w/ possible opening in EG as "Voice of Islam". (Dan Sheedy)
6055	Feb13	1502	R. Rwanda. Loud enough to fool me into thinking this was Nikkei 1 running late. EG "bubble-gum" pop song into Kinyarwanda news, FR ID @ :16 followed by very nice "local" tunes (reggae/hip-hop/CAf-Caribbean "soca" style). (Dan Sheedy)
6070	Feb1	0026	CFRX, Toronto, Canada, talks, relay CFRB, weak/fair fading (Bernardini)
6070	Feb8	2227	CFRX, Toronto ON, retransm. da CFRB, igualmente de Toronto, progr. em inglês, entrevista; 34322, QRM adjacente. (Carlos Gonçalves)
6070	Jan31	0110	CFRX. At the beach, watching the sunset & listening to fair signals from "NewsTalk 10-10".. nice way to close out January! (Dan Sheedy)
6089,93	Feb5	2235	R. Nigeria, Kaduna, dialecto local, texto; QRM de AIA (// 1610). (Carlos Gonçalves)
6105,43	Feb12	1110	Radio Panamericana, La Paz 1110 to 1115 weak in Spanish (Wilkner)
6115	Feb8	1750	R. Congo, Brazzaville, dialecto local, texto, ID em francês, noticiário "Le Journal", às 1800; 34432, QRM adjacente. (Carlos Gonçalves)
6134,8	Feb7	2317	R.Santa Cruz, St. <sup>a</sup> Cruz de la Sierra, castelhano, futebol, resultados e comentários das partidas; 33432, QRM adjacente. (Carlos Gonçalves)
6134,8	Feb8	0200	R Santa Cruz musica Andina, ID, vocals, flutes ( Sheryl Paskiewics-WI)
6135	Feb1	0007	Radio Santa Cruz 0007, M in SP talk, definite anuncios, fair (XM)
6135	Feb14	1328	Voice of Freedom (clandestine). Pop song; fair to almost good except for pulsating jamming; clear of the usual strong white noise jamming which did start at 1329; at 1330 hit with the sign on of Shiokaze (clandestine) in Korean. This interesting sequence recorded at <a href="https://app.box.com/s/yjk22d0xpikppszhuga5vatj92d6fuxz">https://app.box.com/s/yjk22d0xpikppszhuga5vatj92d6fuxz</a> (Ron Howard, Asilomar State Beach, CA, USA)
6135,27	Feb14	0630	R Aparecida, Aparecida, SP Portuguese religious "Ave Maria" programme read by man and woman, hymns 35233 // 6040 and 11855.11 (35232). Now seems 24 hr AP-DNK
6155	Feb1	0110	Radio Fides La Paz 0110, M in SP with anuncios, poor to almost fair (XM)
6160	Feb1	0020	CKZN St. John's, Canada, CBC relay, songs, fair (Bernardini)
6160	Feb14	2328	Canada CKZN St. John's 2328 snow report, "CBC Radio" by om (Wilkner)
6180,00	Feb14	0625	R Nacional da Amazônia, Brasília, DF Portuguese ann, Brazilian pop music. AP-DNK
6185		0546	XEPPM, nice tango concert, with audience, good signal and no QRM, as Brazil continues to be weakened on 6180 if on at all. Radio Educación only has to keep its modulation level up, which is often insufficient and never loud (Glenn Hauser, OK)
6185	Feb6	0427	R Educacion, musica romantica, kids anmts, fair-good ( Sheryl Paskiewics-WI)
6210	Feb1	0910	R Laguna spelade en låt som hette "Turn up the radio" vilket är något som jag kan hålla med om. DO
6224L	Feb3	-1522*	ZLM 1514-22*. Sea weather reports, IDs as "Taupo Maritime Radio"..don't hear these guys too often, for some reason, altho VMW (Wiluna QLD, OZ) 6230L is a regular visitor. (Dan Sheedy)

6250	Feb1	0835	R AC/DC spelade The Blues Brothers och Niel Diamond. Efter LHU:s påpekande spelade också ett par AC/DC-låtar. DO
6254,1	Feb7	1942	R. Marabu, D, alemão, música pop'; 35433. Observada em 08/2, na mesma frequência. (Carlos Gonçalves)
6261	Feb1	0930	R Northpole med ID innan vi plockade in antennerna. DO
6284,9	Feb6	2225	R. Focus Int'l., G, inglês, música pop', conversa, anúncio info. dos end.º de correio electr.º e telefone; 25432. (Carlos Gonçalves)
6285	Feb1	0850	Laser Hot Hits med gamla godingar som The Three Degress och Dr Hook. DO
6290	Feb7	2209	R. Black Bandit, HOL, inglês, música pop' e "C&w"; 45444. (Carlos Gonçalves)
6305	Feb1	0905	R Kannibal med inhemsk musik. DO
6305,1	Feb7	2211	R. Merlin Int'l., G, inglês, música pop', texto; 35433. (Carlos Gonçalves)
6325	Feb8	1746	Laser Hot Hits, G, inglês,conversa, música pop'; 45433. (Carlos Gonçalves)
7120-	Feb11	1321	JBA carrier, vs CW QRM from a KC7 et al., 1323 maybe a trace of music, so presumed reactivated R. Hargeisa via long path. It's slightly on the lo side compared to 6120 and 1120 stations. Ron Howard in California was listening at the same time, but says ``Unable to confirm if they still have English from 1320 to 1340, as signal was far below threshold level; by 1356, I seemed to have their open carrier that went off about 1401``. And he had it much better after the carrier came back on at 1453, programming from 1500. Again Feb 12 at 1354, I have a JBA carrier on 7120 (Glenn Hauser, OK)
7120	Feb10	1536	R. Hargeisa (presumed), Feb 10, finally heard again after many months silent; 1536-1550; sounded right to be in Somali, but no ID heard, speeches and HOA music; poor-fair. Think I would have had better reception if I had tuned in earlier. Very nice to hear this one again! Audio HOA music <a href="https://app.box.com/s/fl1udyoxvqa6b5je6hy07g6ttkkz0qji">https://app.box.com/s/fl1udyoxvqa6b5je6hy07g6ttkkz0qji</a> Feb 11, noted open carrier at 0326; at 0330 start of the Somaliland National Anthem (studio quality audio at - <a href="https://www.youtube.com/watch?v=h-TpZfuxnng">https://www.youtube.com/watch?v=h-TpZfuxnng</a> ), followed by reciting from the Qur'an; weak signal. (Ron Howard, Asilomar State Beach, CA, USA)
7120	Feb11	*1500-	R. Hargeisa, *1500, Feb 11. Effective <b>grayline reception</b> ; Hargeisa sunset at 1512, while my sunrise was at 1500; open carrier at 1453; at 1500 start of the Somaliland National Anthem; ID for "Radio Hargeisa . . . Somaliland"; reciting from Qur'an; monologue in assume Somali; 1514 call-to-prayer (Maghirib prayer - sunset prayer); fair. Unable to confirm if they still have English from 1320 to 1340, as signal was far below threshold level; by 1356, I seemed to have their open carrier that went off about 1401. My edited audio at <a href="https://app.box.com/s/j6yo8m5c83bty95onnptugxyppohfzn6">https://app.box.com/s/j6yo8m5c83bty95onnptugxyppohfzn6</a> . (Ron Howard, Asilomar State Beach, CA, USA)
7120	Feb11	0327	R. Hargeisa reactivated!! Open carrier, fair signal, 0330 music, 0331 Qur`an, 0333 announcement and talk in presumed Somali. CW and SSB QRM, plus intermittent carrier jamming presumably by ham. Good to hear it again. I periodically have checked for Hargeisa around sign-on but not reported negative results. Kouji Hashimoto in Japan used to log its slightly variable closing time around 1900 every night, and says he last heard it Nov 10 and will resume monitoring in the spring. Ron Howard first reported 7120 back this morning, Feb 10 at 1536-1550 by long path to California; Wolfgang Büschel reports the IARU intruder-watchers in Europe have jumped right on it. Pity during its hiatus, R. Hargeisa did not redesign itself not to intrude, on some other frequency. Now to see if I can detect a carrier by LP before its 1400* break (Glenn Hauser, OK)
7120,000	Feb10	1830	Somaliland ist repariert! Heute wieder auf Sendung im Ham Radio Band, soeben um 18.30 UT am 10. Febr mit S=8 und -78dB Signal, schöne melodische HoA Musik, bei der DARC OV Amberg remote Gerätschaft gehört. Da ist der chinesische Reparatur Ingenieur von BBEF Beijing mal wieder vorbei gekommen. Vielleicht fährt auch noch nach Gredia, N'Djamena in den Chad um 6165 zu reparieren ? (wb, wwdxc BC-DX TopNews Dec 24, 2013)
7120,00	Feb13	1710	R Hargeisa, Hargeisa, Somaliland Reactivated after 3 months break, Somali discussions. HAM QRM 44434 AP-DNK
7120	Feb14	1825	Radio Hargeysa med en intervju. 3-4 CB
7120	Feb12	*1459-	R. Hargeysa *1459-1506+ 12 Feb. Thanks to Ron Howard's tip on RH reactivation--OC, trumpet/drums "anthem", Somali chat, Qur'an recitation & news. (Dan Sheedy)
7185,77			Myanma Radio [non-log] Unheard @ 1355, 1446 checks on 31 Jan.& not on their old freq. of 7200.1, either..(perhaps the xmtr was a bit tired since on the 30th MR stayed on until 1600*?) Unheard on 2/3/5 Feb., as well. (Dan Sheedy)
7200,00	Feb4	-1500*	Myanmar Radio on new frequency of 7200.00; audio better than ex: 7185.76 and former ex: 7200.09. It was back in June, 2012 that I last heard them on exact frequency here. 1451-1500* with pop music show; in vernacular; mostly fair. The last few days 7185.76 had been silent. Audio at <a href="https://app.box.com/s/3qwf1ficun0vxbdfwxk0u0wh9bo4efj6">https://app.box.com/s/3qwf1ficun0vxbdfwxk0u0wh9bo4efj6</a> . (Ron Howard, California)
7200,00	Feb9	*1401-	Myanmar Radio. After my Feb 4 reception of their new frequency on 7200.00, was unable

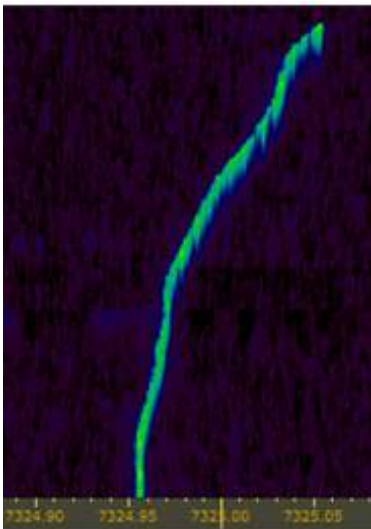
to hear them on either 7200.00, 7185.76 nor 7200.09 for 3 to 4 days. Feb 9 with \*1401, on 7200.00, but checked at 1415 to find they switched to the old transmitter on 7200.09, which had muffled audio and weaker signal. Clearly the older off frequency transmitter is not as good as the newer exact frequency one! Feb 10, on 7200.09 at 1500\*. Seems they cannot make up their mind as to which frequency to use or which transmitter. (Ron Howard, Asilomar State Beach)

7200	Feb7	-1502*	Myanma Radio 1352-1502* 7 Feb. Back to nominal freq. (ex-7185.77 + a few days QRT), w/ BU pop/c&w, W DJ..no sign of Sudan today @ 1430-1500 checks. (Dan Sheedy)
7200	Feb1	0350	Sudan R tlks w/primarily HOA music, non-Koran. ( Sheryl Paskiewics-WI)
7230	Feb6	0407	Channel Africa EG nx abt Southern Afr by W, fair to good ( Sheryl Paskiewics-WI)
7234,4	Feb6	0357	Vo Peace & Dem Eritrea, Tigrinya anmmts, xylophone interlude, nx by M, fair ( Sheryl Paskiewics-WI)
7260,00	Feb5	-1500*	Mongoliin R, Khonkhor Mongolian folkmusic, Mongolian closing ann, 1457 Nationa Anthem 35233 No signal on 4830 or 4895 AP-DNK
7265	Feb15	0740	Test Transmission med musik och annonseringar. Rapportert till testtransmission @ gmail.com. 5 CB
7285	Feb1	0400	R Sonder Grense instl mx, AK news abt Africa by M, sports scores, classical mx ( Sheryl Paskiewics-WI)
7324,96	Feb8	0800	Wantok Radio Light (p). A weak carrier with audio only when the signal peaks. Recorded this one from about 0700 - 0830. Very strange interruption in the transmission between 0729 to 0756 when the signal came back on 7325,06 and rapidly drifted down to 7324,96. See enclosed screenshot. The signal at it's best at 0800 - 0830 when it faded away to be gone at 0900. At 1000 CRI starts up exactly on 7325. No signal noted from Feb 9 and onwards. TN
7324,96			[non log].Wantok Radio Light. Feb 11 with no trace of a signal during clear window; checking at 1405 and 1414. Thanks to (Dave Valko)'s alert - "no hint of a signal here from Wantok at 0915 check. (11 Feb.)." So already off the air again after their brief reappearance? (Ron Howard, Asilomar State Beach, CA, USA)
7325-	Feb2	1404	Hi Glenn, Sorry for the delay in sending along my logs. Seem to be slowing down some in my reporting. Here is a summary of my recent Wantok Radio Light activity. <i>Feb 2:</i> Glenn, you reported "7325-, Feb 2 at 1411, JBA carrier, slightly on lo side compared to 9325 KTWR should it be accurate. Heavy ute QRM further on the lo side. This is during the CRI break, a window for 1 kW Wantok Radio Light if possibly back on after inactivity." After my numerous attempts to hear WRL, I also heard them just before you did, also for the first time, at 1404, on 7324.96, with definite religious singing; just above threshold level audio. <i>Feb 3,</i> at 1409, with some audio, but basically unusable. <i>Feb 4,</i> after CRI went off at 1357, just open carrier till 1424, when transmitter turned on from CRI; no audio today. <i>Feb 5,</i> at 0843, sounded like the usual programming of the preaching by the late Dr. Tayo Adeyemi (New Wine Church, United Kingdom) till 0859; PNG bird call at 0903 to start the news, which was // 3385 NBC East New Britain; poor. <i>Feb 6,</i> at 0743, with religious music; just above threshold level audio; 0802 PNG bird call and into the news, which was // NBC East New Britain (3385); 0811 "Wantok Radio Light" ID. Ron Howard California via DXLD
7325-	Feb6	1408	JBA carrier slightly on the low side. As before on Feb 2, this is during the half-hour window when strong CRI signal is taking a break, a sign that Wantok Radio Light, 1 kW, is active again. If not, what else is it? The WRTH National Radio update issued today says unequivocally that WRL is back, but I've yet to see any definite logs of it, not even by Ron Howard in California. As in DXLD 15-04: Rick Barton in AZ presumed he heard it in Englishish on Jan 23 Ron Howard in CA could not hear even a carrier on Jan 24 or 25, but reminds us the frequency had been 7324.96 (Glenn Hauser, OK)
7325	Feb6	0412	VOIRI EG cmtry on Putin & Ukraine, NA to 0420 s/off ( Sheryl Paskiewics-WI)
7425,00	Feb7	1430	China Business R, Xianyang Chinese conversation, 1500 time signal and ID: "Zhongyang Renmin Guangbo Diantai", woman talking with light music in background, 1531 another ID - a pleasant listening! 45434 // 3985 (33233) 6065 (33222) 6155 (31331) 7315 (35333) and 9820 (35232) AP-DNK
7505	Feb10	1450	TWR-India (Tashkent). Good signal today w/ Hindi religious programme, TWR-India p-mail/e-mail/web site/phone/SMS info @ :15 TWR IS & starting Punjabi programme. (Dan Sheedy)
8989u	Feb8	2335	Nicaragua "El Pescador Preacher" 2335 preacher "en ele corazon de ...." ute interference (Wilkner)
9155	Feb13	1520	CNR.1 Jammer //9230/9320 v. SOH. (Dan Sheedy)



9280	Feb13	1457	SOH/RFA. CH/Cantonese chat, orchestral bridge, "This is Radio Free Asia" EG & CH IDs, followed by more CH programming. (Dan Sheedy)
9390	Feb6		IBRA Radio (Tashkent) *1500-30*. Opening in (p) Bengali, cheerful radio play w/ some Bollywood-style hymns, p-mail addr. for listeners' requests/comments w/ "IBRA" tag, closing w/ long prayer..followed by R. Farda (Biblis) *1530 in Persian w/ 1+1 pips, IDs & (p) news. (Dan Sheedy)
9515	Feb7	2138	R. Marumby, Curitiba PR, propag. relig.; 35332. (Carlos Gonçalves)
9525,89	Feb1	2038	Voice of Indonesia, Jakarta, French, culture, fair (Bernardini)
9586,84	Feb1	2103	Super R. Deus e Amor, Sao Paulo, Brasil, usual talks, weak, drifting (Bernardini)
9586,95	Feb5	2241	SRDA, Curitiba PR, propag. relig.; 35332. (Carlos Gonçalves)
9595	Feb2	2239	R. Nikkei, Nagara, jazz; 25421. (Carlos Gonçalves)
9629,94	Feb1	0003	Radio Aparecida, Brazil, great id, fair (Bernardini)
9630	Feb6	1919	R. Aparecida, Aparecida SP, progr. Cantinho Sertanejo, seguindo-se-lhe o bloco de notícias O Jornal dos Jornais, às 1900; 25432. (Carlos Gonçalves)
9635	Feb6	1157	R. Mali, Kati, dialecto local, texto, noticiário (?), às 1200,...., notícias, em francês, às 1300; 25442, modulação muito fraca. (Carlos Gonçalves)
9635,8	Feb8	1051	R. Voz do Vietnam, Son Tay, 1051-desvan. total 1145, 08/2, vietnamita, texto; 25432. (Carlos Gonçalves)
9645	14.2	2040	Rádio Bandeirantes med fotboll. 3 CB
9645,4	Feb8	2135	R. Bandeirantes, São Paulo SP, futebol; 32431, QRM adjacente. (Carlos Gonçalves)
9650	Feb6	-1758*	SAUK/R.Sonder Grense, Meyerton, texto, entrevista acerca de dança clássica, anúncios informativos; 43443, QRM adj. , de 9655. Captações à parte, parece haver uma paranóia pateta no que ao uso da sigla "SAUK" diz respeito, como se a designação da empresa estatal de rádio e tv só existisse sob a sigla de língua inglesa, isto num país onde o africânder é língua de muitos, inclusive de autóctones. Parece haver um complexo perante o nome Suid-Afrikaanse Uitsaaikorporasie. (Carlos Gonçalves)
9664,7	Feb6	1922	R.Voz Missionária, Camboriú SC, rubrica musical; 24432, QRM adjacente. (Carlos Gonçalves)
9695	Feb6	1925	R. Rio Mar, Manaus AM, anúncios de programação, ID e anúncio das freqs., ao que se seguiu o que julto tratar-se de um programa, A Tarde é Nossa, e não de uma mera exclamação no decurso da emissão; 24432, QRM adj., de 9700. (Carlos Gonçalves)
9725	Feb14	2115	RB2 med typiskt brasseprogram - trevlig musik and mängder av annonseringar i högt tempo. Kraftigt störd av Voice of Vietnam 9730 fram till 2127. Sedan var RB2 i stort sett ostörd. 3-4 CB
9730	Feb7	1013	Myanma R (p), Naypyidaw, birmanês (p), texto, canções; 35433. (Carlos Gonçalves)
9745	Feb2	2340	Radio Bahrain, Arabic songs, fair, modulated in USB (Bernardini)
9819,8	Feb6	1933	R. 9 de Julho, São Paulo SP, missa; 35432. (Carlos Gonçalves)
9819,8	Feb14	2005	Rádio 9 de Julho med rosenkransen. 2-3 CB
9835	Feb8	1103	Sarawak FM via RTM, Kajang, malaio, propag. corânica, incl.canções a condizer, texto; 35433. (Carlos Gonçalves)
9835	Feb14	1845	OID men förmodligen Sarawak FM med mest oldies från Malaysia. 3-4 CB
9940	Feb6	0442	Radio Miraya FM EG nx & phone # ( Sheryl Paskiewics-WI)
11580	Feb3	2315	Radio Panorama, via WRMI, USA, russian, id, reports, good (Bernardini)
11600	Feb3	1450	TOM (via Kostinbrod/Sofia). "Brother" Stair heard w/ fair signals & "usual" grim tidings of world-wide unpleasantness (+ a request for funds). (Dan Sheedy)
11725	Feb1	1830	R. New Zealand Int. Samoan song, talks, very good (Bernardini)
11735,00	Feb13	1725	Zanzibar Broadcasting Corp., Dole Swahili talk with timesignal at 1730 in background 45433 AP-DNK
11740	Jan28	-1531*	AIR (Panaji) 1519-1531*. Pashto programme with some zippy tunes & chat..xmtr running a bit past their usual 1528*, allowing me to hear a nice "This is All India Radio" ID @ :30..back to 1528* on 29 Jan., however. 2 Feb. 1528-32* Once more on late w/ EG news/sports, CCI from CNR2 (Lingshi) (Dan Sheedy)
11764,7	Feb2	2245	Super R. Deus è Amor, Curitiba, Brazil, "Alleluja!!!" fair (Bernardini)
11764,7	Feb6	2009	SRDA, Curitiba PR, propag. relig. c/ tradução de frases p/ castelhano; 45444. (Carlos Gonçalves)
11780	Feb3	2321	R. Nacional Amazonia, Brazil, sport, good (Bernardini)
11780	Feb14	1935	Rádio Nacional da Amazônia med ett program om karnavalen i Brasilien. 3-4 CB
11855	Feb1	1935	Radio Aparecida, Brazil, songs, weak (Bernardini)
11855	Feb14	1930	Rádio Aparecida med annonseringar. 2 CB
11855,1	Feb6	1936	R. Aparecida, Aparecida SP, anúncio do progr. de sábado Panorama e, às 1930, o noticiário O Jornal dos Jornais; 35443. (Carlos Gonçalves)
11894,9	Feb6	2024	R. Boa Vontade, Pt.º Alegre RS, propag. relig. acompanhada de fundo de música clássica; 35332. (Carlos Gonçalves)
11895	Feb14	2035	Rádio Boa Vontade hade bl. a. klassisk musik. 2 CB

11935-	Feb7	0126	``Rádío R-B Dois, AM 14-30`` ID. With BFO, compared to WWV 10 MHz and stepping 5 kHz up and down around 11935, this station is a smidgin on the lo side, probably less than 40 Hz. And now we know the gender of the ``2`` in its name, masculine; why? (Glenn Hauser, OK)
11935	Feb3	2324	RB2, Curitiba, Brazil, songs, fair (Bernardini)
11935	Feb6	1940	R. RB2, Curitiba PR, anúncios comerc., informações várias, recitação do terço, às 2000; 43432, QRM adjacente. (Carlos Gonçalves)
12085	Feb5	1513	RA (Shepparton) 1453, 1513 3/5 Feb. Big signal w/ "Triple J" programming //12065 (CCI BBC Urdu after 1500)/9580. (Dan Sheedy)
13840,00	Feb14	1115	RNZI, Rangitaiki English ann, choir of World's Cathedral in programme "Hymns on Sunday", feature about refugees from minorities in Iraq 55544 AP-DNK
15190	Feb14	1820	Rádio Inconfidência med musik. 2 CB
15190,1	Feb6	2007	R. Inconfidência, Belo Horizonte MG, anúncios de programação e das freqs., ao que se seguiu a 2.ª parte de A Hora do Fazendeiro; 45444. (Carlos Gonçalves)
15555	Jan29	1536	Radio Dabanga (SMG) [non-log]. Only the tone-jammer (via Sudan?) heard today..RD also missing 1530+ 30 Jan., & the tone-jammer was messing with WJHR on 15550 (just for practice?). (Dan Sheedy)
15560	Feb13	1534	Sudan tone jammer (p). Still chasing Dabanga (now back on 15550) & missing by 10 kHz. (Dan Sheedy)
17630	Feb13	1522	CRI (Bamako). "Beijing Hour", CRI English section promo..weak & fading quickly by 1535../15700 (Havana, which is loud every morning). (Dan Sheedy)



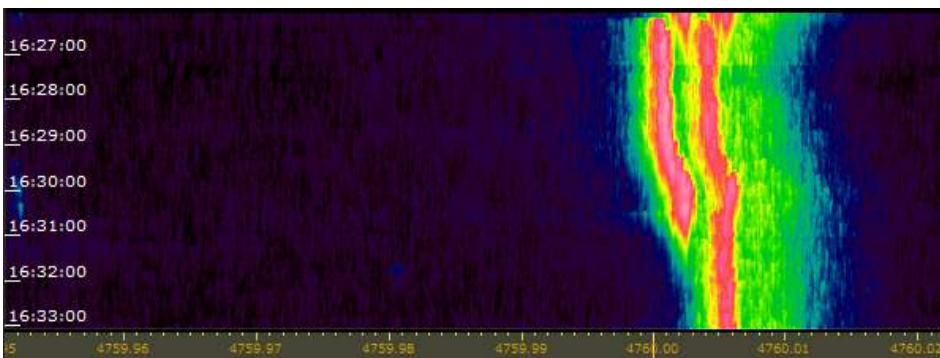
### Wantok Radio Light

Wantok Radio Light on Feb 8 with a transmission break from 0729 -0756 then returning on 7325,06 drifting down to 7324,96.

WRL has not been observed after Feb 8 so maybe a serious failure in the transmitter during that day. /TN

### Observations of AIR Leh & AIR Port Blair on 4760 on Febr 14 when it was very good conditons towards India.

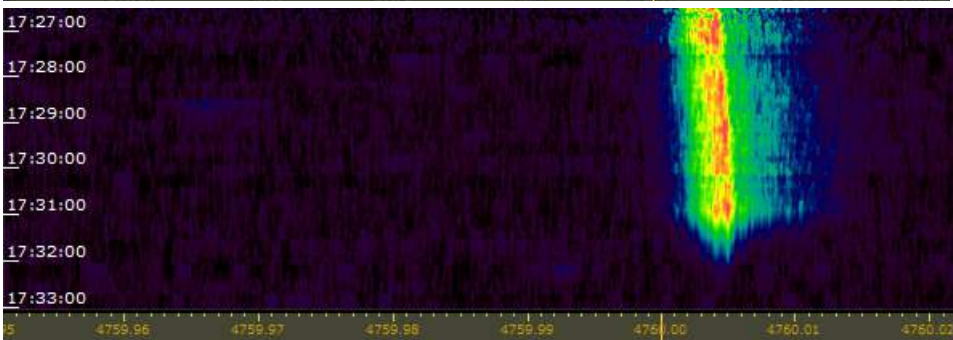
kHz	kW	Station	UTC
4760	7	Leh	s0130/w0213-0430, 1130-1630
4760	8.5	Port Blair	2355-0300, 1030-1700 (Sat, Sun 1730)



AIR Leh signs off exactly 1630:30 and AIR Port Blair at exactly 1730:50.

This corresponds to info given by Mr. Jose Jacob, VU2JO at <http://www.qsl.net/vu2jos/>.

See table above.



Note that both Christoph Ratzer and I have heard AIR Port Blair signing on for the morning service about 2355 and AIR Leh at 0210.

See more info in SWB 1816.

/TN

## Contributors to the log:

Wolfgang Büschel, wb, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer Wilkner, rlw, Robert Wilkner, Pompano Beach, South Florida 746Pro - Drake R8 NRD 525 - Sony 2010XA XM - Cedar Key - Florida NRD525D - R8A - E5 Ron Howard, Asilomar State Beach, CA, USA Bruce Churchill, San Diego, CA, USA via DXPlorer AP, Anker Petersen, Skovlunde, Denmark Carlos Gonçalves, Lissabon, Portugal DO, Dan Olsson, Furulund, Sweden Sheryl Paskiewics, Manitowoc, WI, DX-400 w/Eavesdropper	TN, Thomas Nilsson, Ängelholm, Sweden Glenn Hauser, Enid, OK, USA (also from DXLD) Christoph Ratzler, Salzburg, Austria (also via A-DX) Giampiero Bernardini, Milan, Italy Dan Sheedy, Moonlight Beach, CA, PL-606, G5, 6m X wire Dave Valko, Dunlo, PA, USA, Perseus SDR, 153 foot vertical, tilted, triangular Delta Loop, and Wellbrook ALA1530S Brandon Jordan, WA4230SWL, Fayette County, TN EM55gc, <a href="http://www.swldx.us">http://www.swldx.us</a> via DXLD CB, Christer Brunström, Halmstad, Sweden
---	--

## Station news

**CHINA.** Feb 18 (Wednesday) will be an excellent day to monitor ALL Chinese stations, as from 1200 to 1700 UT, many Chinese SW stations will carry the live audio feed from CCTV for the Chinese New Year's Eve (Spring Festival) Gala. Some years CNR1 carried the gala, but other years was via CNR2. In past years was also on some PBS stations (PBS Nei Menggu - Chinese Service on 7420), Voice of Strait (4940) and China Huayi BC (6185, but look out for stronger Korea from 1200 to 1426). So the best bet is to check ALL the Chinese SW stations you can hear. Programming consists of a variety of musical selections, many comedy skits, along with sound of the audience applauding and laughing. Look for the parallel frequencies, for easy IDing. (Ron Howard, Asilomar State Beach, CA, USA)

**INDIA. 4950 AIR-Srinagar** Feb 04 1343-1353, Kashmiri, Music and talk, ID at 1350 as "Radio Kashmir,Srinagar", also Feb 10 1415-1433, ID at 1430.  
[Ko.Hashimoto, JAPAN]

**INDONESIA. 7289.95 RRI-Nabire** (Presumed) Feb 07 0839-0841\* 25332, Music only, 0841 sign off.  
[Ko.Hashimoto, JAPAN]

**MICRONESIA. 4755.59 Cross R.** Feb 03 0756-0802 35433 English, Music and talk, ID at 0800.  
[Ko.Hashimoto, JAPAN]

**SWAZILAND.** Radio and television in Swaziland is very tightly controlled by the country's royally-appointed government. There are only two TV channels in the kingdom, the state-controlled Swazi TV ([www.swazitv.co.sz](http://www.swazitv.co.sz)) and the independent Channel S, which has a publicly-stated policy of supporting King Mswati. Swazi TV is operated by Swaziland Broadcast & Information Service, which also runs the English and Siswati services of SBIS Radio (no website). The only other radio station is Transworld Radio, a private religious station which has a mediumwave transmitter for broadcasting Christian programmes to neighbouring countries, and also operates an FM service locally-branded as Voice of the Church. This carries Siswati and occasional English inspirational programming on 95.0, 96.0, 97.0, 97.1 and 101 MHz, and is also available via a live audio stream from their website at [www.vocfm.org](http://www.vocfm.org).

The AllAfrica.com website recently posted an interesting article about the broadcasting scene in Swaziland:  
<http://tinyurl.com/sbisradio>

(David Kernick, Interval Signals Online via DXLD)

## Other radio news

### Guyana reaktiviert Kurzwellensender!

**Unter manchen anderen Aktivitäten** hat Jamie doch auch mal 'was in Somalia gemacht'. Und das bewundernswert, an einigen Ecken dieser Radio-Welt, für kleines Geld.

-----  
Jamie Labadia, der auch Voice of Freedom 10 kW Anlagen in Korea aufbaute.

### Im Febr 2010:

**VANUATU** As of Wednesday, Febr 24th, here is what we accomplished. 5055 kHz is on at about 3500 watts, and 3945 kHz is on at 7000 watts. But, due to the unstable A.C. power infrastructure, I had to design the protection circuits to be very

sensitive. The systems will "fold-back" the transmitters to 2000 watts if it senses any kind of spike or surge in the A.C. power feeds.

Senderbauer Jamie Labadia wollte am 18. April 2010 nach Georgetown fliegen, um den neuen Kurzwellensender des National Communications Network nachzuarbeiten. Bekanntlich hatte man bei ihm einen 10 kW-Sender fuer 5290[?] kHz bestellt und dabei eine Mischung der eigentlich vorgesehen Frequenzen 3290 kHz nachts und 5950 kHz tagsueber produziert. Labadia wollte beide Frequenzen bis spaetestens Ende des Monats in Betrieb sehen. (Jamie Labadia 9.4.2010 dxld, via ntt May 1, 2010)

**BOLIVIA** I am building a 5 kilowatt transmitter and antenna system for Radio Juan XXIII. It will be on 6055 kHz. It is the first prototype with the new MOSFETS from Philips (BLF-278). It will consist of ten, 500 watt "drawers", with a ferrite based hybrid combiner. I am going to build them a LAZY H style antenna array. It will be four 5/8th wave elements, two over two, beaming broadside North / South. It should give about 8dB gain, making the effective radiated power approximately 30 to 40 kW with a major lobe going into North America. I believe we should be testing near the middle of February.

(Jamie Labadia-USA, dxld via WDXC Contact magazine, Dec 2010)

(Wolfgang Büschel via A-DX)

### **GUYANA. Guyana reactivated on SW 3290.**

**Hi Glenn, I wanted to give you an update on the V of Guyana.**

I am flying there Monday Night. I will be arriving Tuesday Morning. The first trip is more of a "triage" for the 10 kilowatt shortwave and a 25 kilowatt medium-wave. I may not be able to get either of them back on until I get the parts needed.



Unfortunately, the MOSFETs and MOSFET DRIVERS I designed the shortwave around, in 2008, are no longer available. Additionally, the new MOSFETS with which the new design is based, have a 12 week lead time. However, I

will try to piece together what I can, and get them on at some power level. (Anyone have an old DX-100 I can borrow? Kidding.)

I think I am going to put them on a higher frequency if possible. We have had a very high Sunspot Cycle and I think 3.290 MHz is too low, even for covering the interior of Guyana. (Daytime absorption and the regularly scheduled R.F. "flotsam and jetsam" on that frequency.) I'll take some pictures of the site, and send them to you. Glenn, please give everyone my best regards. Thank You (Jamie Labadia-NY-USA, Jan 22, WoR dxld Jan 28)

[later] My flight from New York was delayed due to the N.Y.C. blizzard. I am actually leaving at 1:35 A.M. tomorrow morning. (Fun!!) This is going to be a rough one. I may only be able to get them on at a kilowatt or so, for a month or two. As I said, I'll send some pictures of the Guyana Site. Glenn, thanks for allowing me to use the DXLD site for getting reports. It is a great help for guys like me in the field. Best Regards (Jamie Labadia-NY-USA, Jan 22, WoR dxld Jan 28)

I have the Voice of Guyana on the air at, don't laugh, 400 watts. 3290 kHz is the freq. I am going to repair a few more amplifiers and get them up to about a kilowatt for now. Have to reconfigure the combiner though. The antenna is in rough shape, but surprisingly being heard well down into interior Guyana, which is the main purpose. (On a portable no less!!) I'll keep you posted on how it's going. It's 80 degrees and very "tropical" here now.

(Jamie Labadia-GUY, dxld UT Feb 2)

-----  
Checking around 0300 UT Feb 2, I do have a JBA carrier on 3290 - could be it. Will it be on all-night? BTW, I was surprised to see that the WRTH 2015 (and 2014) list 3290 and 5950 as if they were active, but do double-dagger 760 as inactive. Several reports since then all for MW 560. 3290 Guyana last reported on July 27, 2012, as in <http://www.w4uvh.net/dxld1231.txt> Glenn Hauser, OK, DXLD)

### **Guyana SW antenna**



Hi Glenn, Thank you and your members very much. I appreciate you pulling us out through all the noise. I will work on some form of QSL method for everyone.

I now have the transmitter running at 1,000 watts. It's the best I can do with what parts were on hand.

Here are some pictures for you. The one accompanying this E-mail is the Broadband Dipole for the shortwave. (Kind of hard to see, due to the background light.) I'll have to send more pictures in separate E-mails due to bandwidth restrictions (Jamie Labadia, Guyana, UT Feb 4, DXLD)



## Guyana Transmitter Building Interior

This is a picture of all three transmitters.  
Transmitter Left- 20 Kilowatt Medium-wave on 560 K.C.  
Transmitter Center- 5 Kilowatt Medium-wave on 560 K.C. (Back-up)  
Transmitter Right- 10 Kilowatt Shortwave on 3.290 MHz. Currently only at 1 K.W.  
That is me behind the transmitter, working on one of the amplifiers.



The second picture, is the single amplifier you guys did/barely/or didn't hear the past few nights. Now there are two. (Wooooohoooo!!)  
Thanks (Jamie Labadia, UT Feb 4, DXLD)

*All Guyana items above from DX Listeners Digest.*

## Unsigned driver on Win 8

**Any use of this info?** Or will that also be a problem for you? (It was written by Dave Porter.)

How to install Perseus drivers on Windows 8

1. Windows Key + R
2. Enter shutdown.exe /r /o /f /t 00
3. Click the "OK" button
4. System will restart to a "Choose an option" screen
5. Select "Troubleshoot" from "Choose an option" screen
6. Select "Advanced options" from "Troubleshoot" screen
7. Select "Windows Startup Settings" from "Advanced options" screen
8. Click "Restart" button
9. System will restart to "Advanced Boot Options" screen
10. Select "Disable Driver Signature Enforcement"
11. Once the system starts, install the drivers

(Sigvard Andersson via Perseus\_SDR)

And this? <https://www.youtube.com/watch?v=yIChO37P-0>

(73, iw4ens, Roberto Zinelli via Perseus\_SDR)

## AIH39 DXpedition under the northern lights

**Exploration and adventure** is still very much alive in the 21st century - at least on the AM radio dial!

The 39th DXpedition to Aihkiniemi in the Finnish Lapland began under high solar activity, and it looked like the best haul would be photos of northern lights. Eventually conditions improved so that terabytes of recordings will keep me busy for a very long time to come.

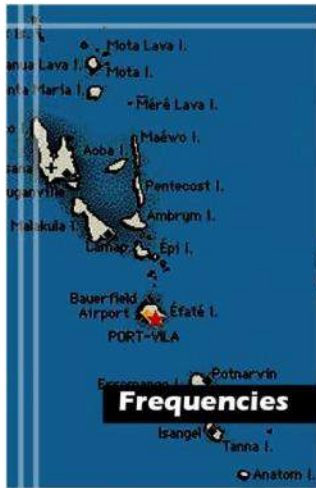
The DXpedition took place already in late October, but I only now realized that I forgot to let you know the URL when the report was published two months ago. With apologies for the delay, here you go, DXing from the top of the world:  
<http://www.dxing.info/dxpeditions/aih39rep.dx>

DXers might also be interested in a reporting expedition which I did a bit later to the Antarctic. I even visited Base Esperanza which hosts the only SW radio station on the continent. A blog text from the 18-day trip and nine downloadable news videos (in Finnish), as well as a bunch of photos, can be found at <http://www.yle.fi/antarktis>

(73, Mika Makelainen, Discover <http://www.DXing.info/> Join <http://www.DXing.info/community/>)



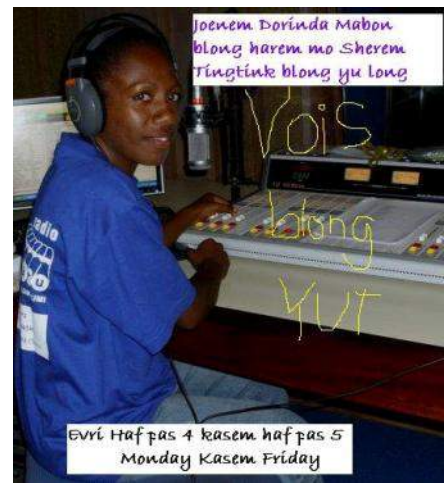
Radio Vanuatu is very active on Facebook, See <https://www.facebook.com/RadioVanuatu>



Radio Vanuatu's logo on Facebook



Guy Reguin dan le studio de Radio Vanuatu sur Le Programme En Direct Avec Francois Aissav



Dorinda Mabon, a Broadcaster and Produce, She's producing a Youth Program daily, ...

The state-owned Radio Vanuatu is operated by the Vanuatu Broadcasting and Television Corporation. Its origins lie in the colonial era, prior to the country's independence from France and the United Kingdom in 1980.

During the colonial period it began as Radio Vila, then Radio New Hebrides, initially broadcasting only ten minutes a day.

As of 2013, it broadcasts "16 hours of news, information programs, music and entertainment". The station "has achieved almost nationwide coverage", and, as of 2000, used Bislama "approximately 80 percent of the time".

(from Wikipedia)

Christoph Ratzler forwarded a mail with the above pictures and a mail a very special content. He says:

*I have today a special „QSL“ - look at my screenshot of Radio Vanuatu's Facebook Page!*  
(Christoph Ratzler)

The pictures to the right:  
The place up in the Alps where his antennas reside and a view from his house towards the Alps close to Salzburg.

Many thanks for the pictures.  
/TN



## Vanuatu Seeks Help To Modernize Radio Transmissions

Outer-island communities dependent upon unreliable broadcasts

WELLINGTON, New Zealand (Radio New Zealand International, Jan. 21, 2015) – The government in Vanuatu says it's looking for partners to help modernise the state broadcaster, and fix radio transmission problems to the outer-islands.

Communities rely on the radio broadcast of cyclone warnings during cyclone season.

Worries have been raised over the on-going failure of the Vanuatu Broadcasting and Television Corporation to transmit Radio Vanuatu to some of the outer-islands.

The Public Relations Officer for the Prime Minister's Office, Kierry Manassah, says the government is looking for partners to help VBTC move from analog to digital TV, as well provide radio transmission solutions.

"VBTC currently has problems with it's radio transmissions, a lot of the islands don't have coverage. Really the organisation is hamstrung. Partners which come in, within the expression of interest, we are also interested to know what companies can contribute to that side of the broadcasting."

Kierry Manassah says a lot of the transmitters are old and need to be replaced.

The VBTC is currently under review, with the government looking to retire or make redundant about 20 of the 60 staff.

[Radio New Zealand International](http://www.rnz.co.nz/news/international/1-22-2015/1-22-2015-16) Copyright © 2014 RNZI. All Rights Reserved

(From <http://pidp.eastwestcenter.org/pireport/2015/January/01-22-16.htm>)

## Antennförstärkare för 8 antenner och 2 SDR

**Senaste bygget.** En antennbox för 8 antenner till 2 sdr mottagare.

Preampar individuellt till varje utgång i steg 10 och 20 db. Utan antenn ansluten med 50 ohm motstånd istället på ingången så vid 20 db förstärkning ökar brusgolvet på Perseus med 2-3 db.

Stationer med antenn ansluten ökar med 19-20 db.

Med 10 db förstärkning märks ingen brusökning alls utan antenn men med antenn ökar stationernas styrka med 10 db.

Inget för mitt hemmaQTH men i stugan är den ett måste.

/Stefan Wikander



## The Sangean ATS 909X

**Just to show you** what my Sangean ATS 909X can do..and I'm using no external antenna....I'm 2 miles from the CNR 1460 site with 750 watts night and I'm getting two things in the mush on 1470.

It's not great but you can hear some speaking there..and music from the 3rd station under it.

get about 15mv/m from KCNR at night...and local signal strength considered to be about 5mv/m

<https://www.facebook.com/video.php?v=10204477782162044>

Absolutely worth the approximate \$250 brand new that I paid.

(Paul Walker via mwdx)



**Excellent review** of the Sangean ATS909X

<http://swling.com/blog/2014/07/the-mega-shortwave-radio-review-of-the-pl-880-pl-660-ats-909x-and-icf-sw7600gr/>

(John Plimmer, Midrand, South Africa via mwdx)

## "DRS / Watkins-Johnson Gaithersburg MD is closed"

**Sad news as I seen** over on the Premium RX list from Steve Pappin . More Information [located here.](#)

Also "Finmeccanica To Sell Off Parts of DRS" (Updated : Feb 01)

*"It's official: DRS / Watkins-Johnson Gaithersburg MD is closed. Everything is gone. According to Chris Biddix they scrapped everything, hardware, replacement parts, demo units, chassis, and all of the printed material. If it was physical it*



was either crushed or incinerated. Chris is going to ask if any of it went to surplus dealers but we doubt it. I placed a bid on the demo units last year but management decided that the liability was too great. All that remains of WJ is intellectual property. The building is up for sale. There will be no more new factory replacement parts for WJ radios."

"DRS will continue to build the new radios for UAV's and Command Centers. None of them have front panels!"  
 (From <http://webpages.charter.net/n9ewo2/news.html>)

## Voice of Guyana

**Voice of Guyana is very hot** in this edition as their transmitter has been reactivated. Just for fun I scanned a QSL received back in 1963. My report was from a frequency of 3265 kHz. I wondered why there was a note that 3265 was a R Demerara frequency and not a B.G.B.S. one. Google returned this information:

## The Ovaltine Programme was one of the best-loved children's radio programmes in Guyana

**The origin of radio broadcasting in Guyana** is located somewhere in the 1920's and the first evidence of radio is credited to several local 'buffs.' The introduction of short wave broadcasts was preceded by a modest wired service that relayed broadcasts from the BBC over the telephone system in Georgetown. The subsequent short wave service which was reportedly provided for a few hours each week lasted until 1931 when it ended abruptly.

The resumption of radio broadcasts in 1935 had to do with the popularity of cricket and the demand by local audiences for commentary. It appears, however, that the success of the venture resulted in the creation of two radio stations, VP3BG which were run separately until 1938 when they were merged and re-christened the British Guiana United Broadcasting Co Ltd.

Station ZFY, as it was known, operated from the Post Office until the building was consumed by the Great Fire of Georgetown in February 1945. After the fire it was relocated to North Road and New Garden Street, west of Our Lady of Fatima church and close to the Bourda cricket ground.

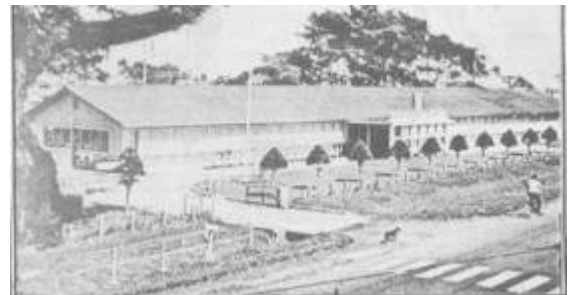


Image of times past: The old Radio Demerara



ZFY reportedly had a significant Trinidadian audience being for them the main or only source of religious broadcasts and of Indian musical entertainment. Its popularity with Trinidadians, it seems, persisted even after September 1947, when Radio Trinidad was inaugurated.. In 1949 ZFY secured a medium wave transmitter to add to its existing short wave one.

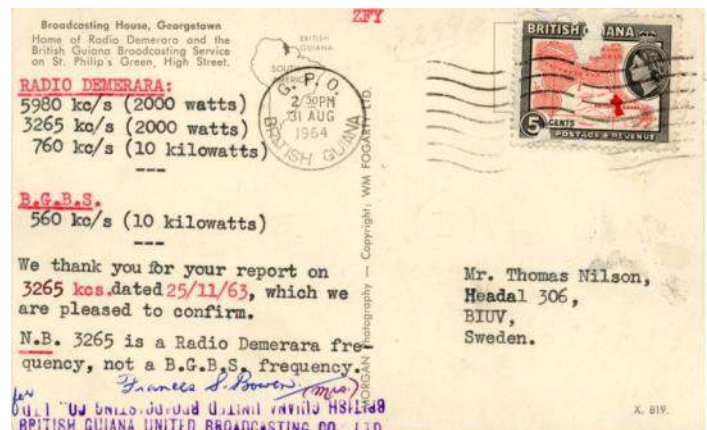


In July 1950, the controlling interest of ZFY was purchased by Overseas Rediffusion Ltd., and for the first time foreign capital was involved in local radio. Some improvements were made, and in 1951 the station became Radio Demerara.

Radio Demerara moved into its first professional studio in 1955 erected on high street. At the same time the station benefitted from an upgrading of its equipment. Additionally, a new transmitting and receiving station erected at Sparendam on the East Coast Demerara came into operation in 1957.

Under the terms of its licence, Radio Demerara was required to broadcast BBC material for 21 hours a week, and programmes provided by the Central Office of Information in London for 10 1/2 hours a week.

In December 1958, a second radio station B.G.B.S. (the British Guiana Broadcasting Service) was established at Broadcasting House on High Street, offering a



broader range of programmes for listeners.. BGBS' programming focused on special events and sports coverage allowing the uninterrupted broadcast on Radio Demerara of its regular programmes.

The entry of the Government of Guyana into radio broadcasting saw the creation of facilities at Hadfield street Lodge to enable more professional production pursuits. In this regard technical assistance was secured from the BBC's Bush House in London.

On October 1, 1968, the Guyana Government took over the BGBS facilities, operating the station as GBS (the Guyana Broadcasting Service).

The Guyana Broadcasting Corporation was officially inaugurated on May 1, 1979, following the acquisition by the Guyana Government of the assets of Radio Demerara. With effect from January 1 of that year, the holding company of the Rediffusion organization, Broadcasting Relay (Overseas) Limited, operating through the Guyana Broadcasting Co Ltd, sold Radio Demerara to the Government, which carried on the operation of the station without a break in service.

On July 1, 1980, the Guyana Broadcasting Corporation emerged with its new image of "One Station, two Channels." Channel 1, the "general channel" operated on the frequencies formerly used by Radio Demerara – 760 KHz in the medium-wave band. Channel 2, the "regional channel" used the facilities formerly allocated to station GBS -560 KHz on the medium-wave band. Subsequently, Channel One became Radio Roraima (RR) and Channel 2 was renamed Voice of Guyana (VOG). The FM service . 98.1 went on the air in October, 1998.

On 1st March 2004, the Guyana Broadcasting Corporation (GBC) and the Guyana Television Broadcasting Company Limited (GTV) merged to form a new company, National Communication Network Incorporated (NCN Inc). and the state is currently the sole owner of a radio broadcasting service in Guyana.

*This article benefits from prior research on radio in Guyana available on the internet*

See: <http://www.stabroeknews.com/2010/guyana-review/10/28/state-sponsored-land-settlement-schemes-have-been-central-to-the-post-immigration-demographic-transition-of-coastland-guyana-review-reprints-this-report-%E2%80%93-first-published-in-the-book-buildin/>

Additional information can be found at: <http://silvertorch.com/g-radio-broadcasting.html>

The QSL from ZFY comes from Glenn Hauser for a report in 1958.

(Thomas Nilsson)

## Re: [perseus\_SDR] New Software Version

I had a somewhat long phone conversation with Nico this afternoon.

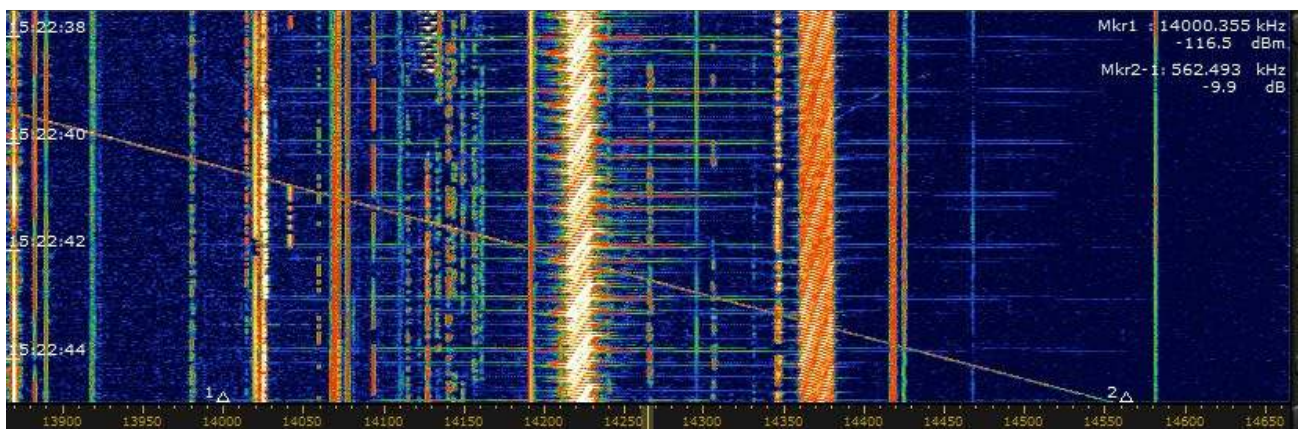
He is fully aware of the expectations about the new software version for the Perseus receiver, but he is having some personal problems, related to his family. This has caused inevitable delays in the development. He asked me to relay his regret to the user's group, and to reassure everybody that the new version will see the light, though with some delay with respect to what initially announced.

(73 Alberto I2PHD, Credo Ut Intelligam via Perseus\_SDR)

## Russian Over The Horizon Radar example in ham radio band ...

14222.0 Russian OTH radar "Contayner" with 50 sweeps/sec at 1522 utc on Feb. 9th. The splatters are covering the whole 14 MHz-band. Another Russian radar is transmitting above the upper band edge at the same time.

Attached: screenshot by DK2OM



You can use the attached screenshot for your magazines, newsletters and national amateur societies!!!

(73 Wolf - DK2OM, via Wolfgang Büschel)



## Weltradiotag 2015

Zum heutigen Weltradiotag gibt eine gut gestaltete und informative englischsprachige Webseite:

<http://worldradioday.org>

(Christoph Ratzer) via A-DX)

## DSWCI Tropical Bands Monitor 2014

Der DSWCI hat soeben die Publikation "Tropical Bands Monitor 2014" zum freien Download auf seine Homepage gestellt: [www.dswci.org/tbm](http://www.dswci.org/tbm)

"Tropical Bands Monitor" ist ein monatliches Update zur jährlichen Publikation "Domestic Broadcasting Survey"

[www.dswci.org/dbs](http://www.dswci.org/dbs)

und in deren Preis inbegriffen.

Wir bitten deshalb um Verständnis dafür, dass die aktuelle Version (Januar 2015) nur von Käufern der DBS bezogen werden kann.

"Tropical Bands Monitor" kann allerdings auch ohne die Grundpublikation verwendet werden und bietet einen schönen Überblick, welche Stationen in welchem Monat empfangen worden sind. Die 2014er Ausgabe ist gerade mal einen Monat alt und daher ziemlich aktuell.

Es können auch alle weiteren Ausgaben (seit 2005) kostenlos heruntergeladen und analysiert werden.

"Tropical Bands Monitor" ist, ebenso wie "Domestic Broadcasting Survey", im Wesentlichen die Arbeit des dänischen DXers Anker Petersen (Präsident des DSWCI), der sich auf ein grosses Netz von Empfangsbeobachtern stützt.

(Beste 73, Rolf Wernli, [webmaster@dswci.org](mailto:webmaster@dswci.org) via A-DX)

## Old QSL's

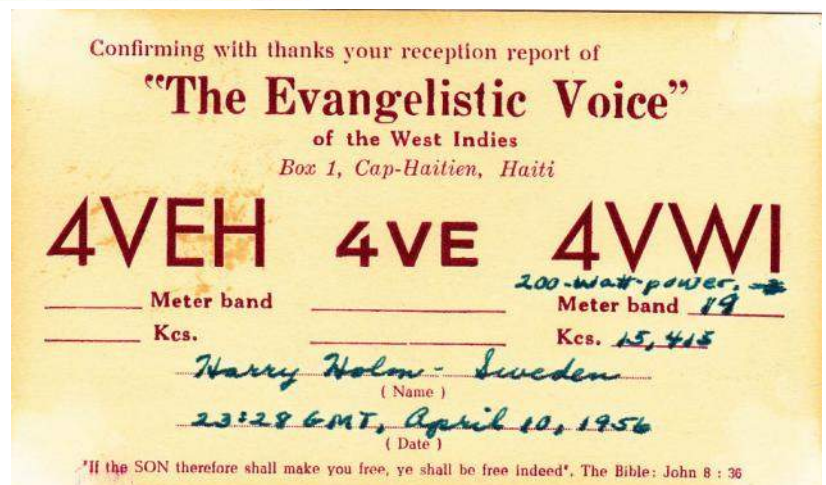
John Ekwall has scanned a few more QSL's from some old collections. This time it is QSL's from Haitian stations.

Thanks a lot for sharing this with us. /TN

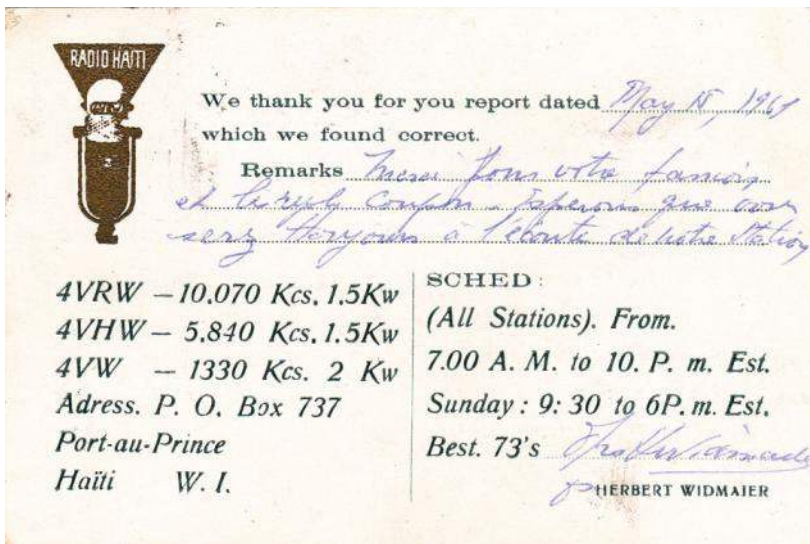


4VEH 15415 kHz from 1956 (front)

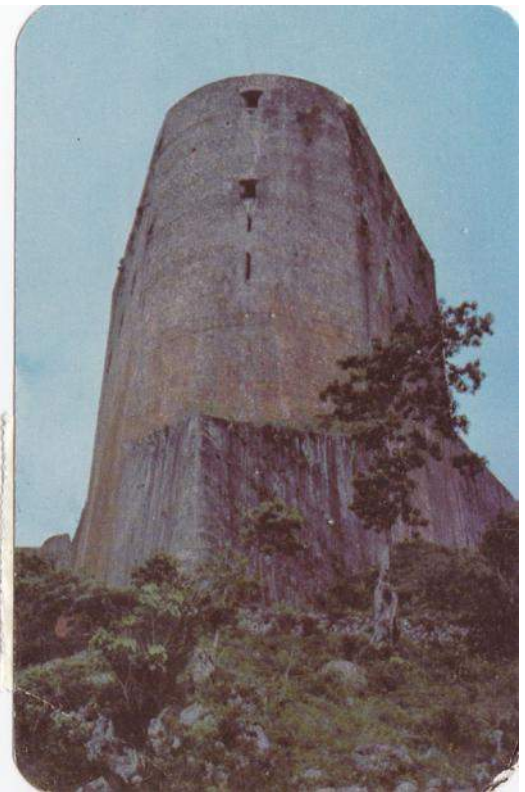
4VEH 15415 kHz from 1956 (back)







R Haiti 5840 kHz from 1961



R Commerce 5980 kHz from 1956, citadel picture



R Commerce 5980 kHz from 1955, studio picture

## DX-RADIO'S SHORTWAVE TABLE 1956

**John Ekwall** also sent some really good material from the old Swedish magazine DX-Radio organ for Sveriges Radioklubb. In 1956 a complete shortwave table was presented with transmission times.

In this issue of SWB we include the table covering 2 mHz to 5,5 mHz. In next issue I hope we can include also the higher frequencies.

It is amazing to see the number of stations on shortwave at that time. Maybe it is appropriate to use the old phrase "It was better in the good old days ....."

John, thanks a lot for this info.  
/TN



		SÄNDNINGSTID										ke/s	meter	Signal	Stationsort	Anrop			
G.M.T.	Sv. T.	5	7	9	11	13	15	17	19	21	23						1	3	5
		6	8	10	12	14	16	18	20	22	24	2	4	6					
															2115	141.8		Douala, Cameroun	R Douala
															2240	133.9	YDB	Djakarta, Java Indonesia	R Rep Indonesia
															2320	128.9		Sibolga, Sumatra Indonesia	R Rep Indonesia
															2330	128.7	YDI6	Djember, Java Indonesia	R Rep Indonesia
															2340	128.2		Hacoatiara, Brasilien	Radiodif. Amazonas
															"	"	ZYV30	Uberlandia, Brasilien	Radiodif. Brasileira Uberl.
															2350	127.7	APD	Dacca, Pakistan	R Pakistan
															"	"	YDJ3	Djogjakarta, Java Indonesia	R Rep Indonesia
															2360	127.1	YVRA	Maturin, Venezuela	R Monagas
															"	"		Parintins, Brasilien	Radiodif. do Amazonas
															2370	126.6	YDI3	Surabaya, Java Indonesia	R Rep Indonesia
															2390	125.5	YDN	Kotaradia, Sumatra Indonesia	R Rep Indonesia
															"	"	YDA4	Tjorebon, Java Indonesia	R Rep Indonesia
															2400	125.0	APL	Lahore, Pakistan	R Pakistan
															2420	124.0	ZYJ3	Anapolis, Brasilien	R Cajara de Anapolis
															"	"	YDA2	Bandung, Java Indonesia	R Rep Indonesia
															"	"	APK	Karachi, Pakistan	R Pakistan
															2430	123.4	YDK2	Palembang, Sumatra Indonesia	R Rep Indonesia
															2440	122.9	HI3C	La Romana, Dom.Rep.	Casa Puerto Rico Inc
															"	"	YVLG	Maracay, Venezuela	R Girardet
															"	"	YDG2	Surakarta, Java Indonesia	R Rep Indonesia
															2442	122.8	4XB51	Tel-Aviv, Israel	Galei-Zahal FBS
															2450	122.5		Aracatuba, Brasilien	R Cultura de Aracatuba
															2459	122.0		Douala, Cameroun	R Douala
															2460	121.9	YDB	Djakarta, Java Indonesia	R Rep Indonesia
															"	"		Sorocaba, Brasilien	Soc. R.dif Cacique de S.
															"	"	YDR2	Ternate, Indonesia	R Rep Indonesia
															2470	121.5	YVMU	Carora, Venezuela	R Carora
															2480	121.-	ZYR60	Araraquara, Brasilien	R Cultura de A.
															"	"	YVMK	Cabimas, Venezuela	R Cabimas
															"	"	YDL2	Padang, Sumatra Indonesia	R Rep Indonesia
															2490	120.5	YDH	Semarang, Java Indonesia	R Rep Indonesia
															2500	120.0	MSF	Teddington, England	Nat. Phys. Laboratories
															"	"	JJY	Tokyo, Japan	R Research Laboratories
															"	"	WWV	Washington DC, USA	Nat. Bureau of Standards
															2510	119.5	HLKA	Seoul, South-Korea	R Seoul
																		Pyongyang, North-Korea	R Pyongyang
															2850	105.3		Lima, Peru	R América, V. del Nuevo M.
															3190	94.04	OAX	Bandung, Java Indonesia	R Rep Indonesia
															3205	93.60	YDA	Tananarive, Madagascar	R Tananarive
															"	"	FIQA	Menado, Celebes Indonesia	R Rep Indonesia
															3214	93.34	YDS	Taipei, Taiwan	V of Free China
															3220	93.18	BED29	Simla, Indien	AIR
															3222	93.11	CR7BM	Lourenço Marques, Moçambique	R Club de Moçambique
															3223	93.09		Tandjark, Pinang Indonesia	R Rep Indonesia
															3232	92.82	FZ1	Brazzaville, Fr Ekv Africa	R Brazzaville, R AEF
															"	"	YDM	Bukittinggi, Sumatra Indonesia	R Rep Indonesia
															3241	92.56	ZAP	Apia, W.Samoa	BC dept. Government of W S
															"	"	YDU2	Denpasar, Bali Indonesia	R Rep Indonesia
															3245	92.51	YVKT	Caracas, Venezuela	R Libertador
															"	"	HI1Z	C. Trujillo, Dom.Rep.	Bc Nacional
															"	"	VUD	Delhi, Indien	AIR
															3250	92.31	YDO	Bandjarmasin, Borneo Indones.	R Rep Indonesia
															"	"	VUD	Delhi, Indien	AIR
															"	"	CR7BV	Lourenço Marques, Moçambique	R Club de Moçambique
															"	"	HJGO	Sutatensa, Colombia	R Sutatensa, Acc.Popular
															3251	92.28		Dar-es-Salaam, Tanganjika	R Dar-es-Salaam
															3255	92.17	YVQL	El Tigre, Venezuela	V. del El Tigre
															"	"	ZFY	Georgetown, Br. Guyana	R Demerara
															"	"	ZYR62	Marilia, Brasilien	R Clube de Marilia
															"	"		Plymouth, Montserrat BWI	R Montserrat
															3259	92.05	JKP20	Fukuoka, Japan	Fukuoka Bc Stn
															"	"	YDH2	Semarang, Java Indonesia	R Rep Indonesia
															3265	91.88		Ribeiraopreto, Brasilien	R Ribeiraopreto
															"	"	ZYK21	Recife, Brasilien	R Tamandare
															"	"	YVOC	San Cristobal, Venezuela	Ecos de Tobras
															3275	91.60	YVMC	Maracaibo, Venezuela	R Mara
															"	"	VP4RD	Port of Spain, Trinidad	R Trinidad
															"	"	ZYR31	Sau Paulo, Brasilien	Bauro R Clube
															3277	91.55	YDD	Djakarta, Java Indonesia	R Rep Indonesia
															"	"	DYB4	Dumaguete City, Philippinerna	Silliman University
															"	"		Srinagar, Kashmir	R Kashmir
															3280	91.46		Arequipa, Peru	R Continental
															3283	91.38	YVLE	Puerto Cabello, Venezuela	R Puerto Cabello
															3285	91.34	ZYR44	Aparecida, Brasilien	R Aparecida
															"	"	HI7T	C. Trujillo, Dom.Rep.	V. Dominicana
															3286	91.30	YDG6	Madiun, Java Indonesia	R Rep Indonesia
															3290	91.19		Johannesburg, South-Africa	SABC
															3295	91.05	VUD	Delhi, Indien	AIR

Grövre streck = bättre hörbarhet

World Copyright S R K.

Eftertryck förbjödes.



		SXNDNINGSTID																	
G.M.T.	Sv. T.	5	7	9	11	13	15	17	19	21	23	1	3	5	kc/s	meter	Signal	Stationsort	Anrop
		6	8	10	12	14	16	18	20	22	24	2	4	6					
														3295	91.05	PRD20	Titeroi, Brasilien	Soc. R Em. Continental	
														"	"	YVOG	Samarinda, Borneo Indonesia	R Rep Indonesia	
														"	"		Trujillo, Venezuela	R Trujillo	
														3297	91.00		Baghdad, Iraq	R Baghdad	
														3300	90.91	VFN	Belise, Br. Honduras	Br. Honduras Bc Service	
														3305	90.77	VUC	Calcutta, Indien	AIR	
														"	"		Sau José do Rio Preto, Brasil	R Esperanca	
														"	"	YDG	Surakarta, Java Indonesia	R Rep Indonesia	
														3315	90.50	YVLI	Maracay, Venezuela	R Maracay	
														"	"		Nairobi, Kenya	Cables & Wireless Service	
														3325	90.23		Atibaia, Sau Paulo Brasilien	Radiodif. Hora Corta	
														"	"	YVQG	Barcellona, Venezuela	R Curapano	
														"	"	ZYJ21	Campina Grande, Brasilien	R Borborema	
														"	"	APD	Dacca, Pakistan	R Pakistan	
														"	"	YDQ	Macassar, Celebes, Indonesia	R Rep Indonesia	
														"	"	CR7B	Lourenço Marques, Moçambique	R Club de Moçambique	
														"	"	HC1GB	Otavalo, Ecuador	R Nac. Espejo	
														3326	90.20		Kaduna, Nigeria	Nigerian Bc Service	
														3330	90.09	OHU	Ottawa, Que Canada	Dominion Observatory	
														3335	89.96	TOZB	C. de Zacapa, Guatemala	R Oriental	
														"	"	AFK	Karachi, Pakistan	R Pakistan	
														"	"	APL	Lahore, Pakistan	R Pakistan	
														"	"	ZYR59	Pres. Prudente, Brasilien	A Voz do Sertao	
														3336	89.93	VP2SA	Kingston, St. Vincent		
														3335	89.69	YVKO	Caracas, Venezuela	Radiodif. Nacional	
														3345	89.69	YVEP	Caracas, Venezuela	R Tropical	
														"	"	HI2S	C. Trujillo, Dom. Rep.	Onda Musical	
														"	"		Hollandia, New Guinea	R Hollandia RONG	
														"	"	DZB2	Manila, Philippinerna	Far East Bc Comp. Inc	
														"	"	ZYN22	Salvador-Bahia, Brasilien	R Cultura da Bahia	
														"	"		San Juan, Puerto Rico		
														3346	89.65	ZQP	Luzaka, North-Rhodesia	Central African Bc Stn	
														3350	89.55	OAX5J	Ica, Peru	R Independencia	
														"	"	FIQA	Tananarive, Madagascar	R Tananarive	
														3355	89.42	HI3H	C. Trujillo, Dom. Rep.	V. de la Alegria	
														"	"		Noumea, New Caledonia	France dans de la Pacifique	
														"	"	YD11	Surabaya, Java Indonesia	R Rep Indonesia	
														"	"	YVLD	Valencia, Venezuela	R Valencia	
														3356	89.39		Johannesburg, South-Africa	Springbook Radio	
														3360	89.29	ZQI	Kingston, Jamaica	R Jamaica	
														"	"		Nairobi, Kenya	FBS	
														3365	89.15	VUD	Delhi, Indien	AIR	
														"	"		Londrina, Brasilien	Radiodif Parana	
														3366	89.12		Douala, Cameroun	Yaounde	
														"	"	ZOY	Accra, Br. Guldusten	R Accra	
														3370	89.02		Johannesburg, South-Africa	SABC	
														3375	88.89	HI4V	Bani, Dom. Rep.	R Bani, V. del Sur	
														"	"	YVMI	Maracaibo, Venezuela	V. de la Fé	
														"	"	YDW	Pontianak, Borneo Indonesia	R Rep Indonesia	
														3380	88.76		S:t Denis, Reunion	R S:t Denis	
														3385	88.63	YVQI	Barcellona, Venezuela	Emisoras Unidas	
														"	"		Colombo, Ceylon	R Ceylon	
														"	"	ZYA41	Rio de Janeiro, Brasilien	R Eldorado	
														"	"	HI5B	Santi de los Caballeros	Emisoras HI5B	
														3386	88.61	FIQA	Tananarive, Madagascar	R Tananarive	
														3390	88.50	OQ2AC	Elisabethville, Bel. Congo	R College	
														"	"	YVKX	Caracas, Venezuela	V. de la Patria	
														3395	88.37	YDR3	Ambon, Indonesia	R Rep Indonesia	
														"	"	APK	Karachi, Pakistan	R Pakistan	
														"	"	APL	Lahore, Pakistan	R Pakistan	
														"	"	YVOJ	Merida, Venezuela	R Universidad	
														"	"	WIBS	S:t Georges, Grenada, Windward Isl.	Bc Service	
														3396	88.34		Salisbury, South-Rhodesia	R Salisbury	
														3420	87.72	CR6RK	Lobito, Angola	R Clube do Sul	
														"	"	CKA36	Northwest River, New Que Canada	Labrador Mission	
														3425	87.59	CR8AB	Goa, Port. Indien	R Goa Commercial Service	
														3435	87.34	VUD	Delhi, Indien	AIR	
														3440	87.21	CR7BM	Lourenço Marques, Moçambique	R Club de Moçambique	
														3495	85.84	VUD	Delhi, Indien	AIR	
														3510	85.47	CR7AB	Lourenço Marques, Moçambique	R Club de Moçambique	
														"	"	HC2NL	Marenja, Ecuador	V. del Campesino	
														3521	85.22		Miassa, Moçambique	R Club de Moçambique	
														3535	84.98		Nampula, Moçambique	R Club de Moçambique	
														3567	84.10	CR7IC	Betra, Moçambique	Em. de Aero Clube	
														3660	81.97		Mukden, Mandschurien	R Mukden	
														3750	80.00	EQO	Teheran, Iran	R Teheran	
														3800	78.95		Tokyo, Japan	Far East Network	
														3860	77.80		Capetown, South-Africa	Sabc	
														3905	76.82	VUD	Delhi, Indien	AIR	

Grövre streck = bättre hörbarhet

World Copyright S R K.

Eftertryck förbjudes.



		SÄNDNINGSTID										k/s	meter	Signal	Stationort	Anrop			
GMT.	Sv. T.	5	7	9	11	13	15	17	19	21	23						1	3	5
		6	8	10	12	14	16	18	20	22	24	2	4	6					
															3905	76.82		Manila, Philippinerna	VoA
															3915	76.63	APX	Karechi, Pakistan	R Pakistan
															"	"	APL	Lahore, Pakistan	R Pakistan
															"	"		Peking, China	R Peking
															3925	76.43	VUD	Delhi, Indien	AIR
															"	"	CR4AR	Fraia, Kap Verde Garna	R Clube de Cabo Verde
															"	"	JOE	Tokyo, Japan	Nihon Shortwave Bc Co
															3930	76.34	EFP	Teheran, Iran	R Teheran
															3935	76.24	JJC	Chiba, Japan	R Research Laboratories
															"	"	VUD	Delhi, Indien	AIR
															"	"	YDR4	Djakarta, Java Indonesien	R Rep Indonesien
															3940	76.13	ZBW3	Hongkong, Vic Hongkong	R Hongkong
															3945	76.05	VUD	Bombay, Indien	AIR
															"	"	VUD	Delhi, Indien	AIR
															"	"	DD33	Manila, Philippinerna	Rep. Bc System
															"	"	YDR2	Semarang, Indonesien	R Rep Indonesien
															3950	75.95	DDX2	Davao City, Philippinerna	Mindanao Bc System
															"	"	VUD	Delhi, Indien	AIR
															3952	75.91	CRTRA	Beira, Mocambique	R Pax
															3955	75.85	HC1LR	Alausi, Ecuador	V. de la Alausi
															"	"	APD	Dacca, Pakistan	R Pakistan
															"	"	APX	Karachi, Pakistan	R Pakistan
															"	"		London, England	BBC
															"	"	RVJ	Vatican City, Vatican	Laudetur Iesus Christus
															3960	75.76		Djeddah, Saudi-Arabia	Saudi-Arabian Bc System
															"	"	CR4AB	Mindelo, Kap Verde Garna	R Clube de Mindelo
															"	"		Munich, Tyskland	R Free Europe
															"	"		Peking, China	R Peking
															"	"	HC2JJ	Quevedo, Ecuador	Eccos de Agro
															"	"	EQO	Teheran, Iran	R Teheran
															3965	75.66	APD	Dacca, Pakistan	R Pakistan
															"	"		Enugu, Nigeria	Nigerian Bc Service
															3968	75.61	YDL	Padang, Sumatra Indonesien	R Rep Indonesien
															3970	75.57	VUD	Delhi, Indien	AIR
															"	"	DMK20	Köln, Tyskland	Deutsche Welle / NWDR
															"	"		Magadan, USSR	
															3973	75.51	CMQ	Bissau, Port. Guinea	Estesora da Guiné
															3975	75.47	ORC	London, England	BBC
															3980	75.38	VUD	Delhi, Indien	AIR
															"	"		Munich, Tyskland	VoA
															"	"	YD12	Surabaya, Java Indonesien	R Rep Indonesien
															"	"	YDR4	Suva, Fiji-Ielands	Fiji Bc Company
															"	"		Tangér, Tangér	VoA
															3985	75.28	HER22	Bern, Schweiz	
															3990	75.18	VUD	Delhi, Indien	AIR
															"	"		Djeddah, Saudi-Arabia	Saudi-Arabian Bc System
															"	"		Munich, Tyskland	R Liberation
															3995	75.10		Ibadan, Nigeria	Nigerian Bc Service
															4000	75.00	JJY	Chiba, Japan	R Research Laboratories
															"	"	HC5AO	Cuenca, Ecuador	V. del Tumbamba
															4050	74.05		Frunze, USSR	
															4273	70.21		Chabarovsk, USSR	
															4290	69.93	COX7	Havana, Cuba	Ministerio de Educacion
															4310	69.61		Chikont, USSR	
															4340	69.06		Alma-Ata, USSR	
															4364	68.74		Nikolajevsk-en Amur USSR	
															4400	68.18		Pyongyang, North Korea	R Pyongyang
															4580	65.50	HC4JY	Emeraldas, Ecuador	V. del Esmeraldas
															4581	65.49		Chabarovsk, USSR	
															4630	64.79	JJC	Chiba, Japan	R Research Laboratories
															4675	64.20	HC1NE	Quito, Ecuador	R Nac. Espejo
															4705	63.76	HC1RC	Quito, Ecuador	Casa de la Cultura
															4732	63.30		Yuzno, Saklinsk USSR	
															4750	63.16	HC5RM	Cuenca, Ecuador	R Herzig
															"	"	YVMA	Maracaibo, Venezuela	Ecos del Zulia
															4755	63.09		Bangkok, Thailand	Overseas Bc Stations
															"	"	ZYY3	Campinas, Sao Paulo Brasilien	R Brasil
															"	"	HC6LJ	Guaranda, Ecuador	V. de Bolivar
															"	"	TQWB	Guatemala City, Guatemala	R Nacional
															4760	63.03	VUD	Delhi, Indien	AIR
															"	"	YVXV	La Guaira, Venezuela	Estesora Vargas
															"	"	HC4YA	Porto Viejo, Ecuador	V. de Manabi
															"	"		Singa, Indien	AIR
															4765	62.96	HJXL	Calli, Colombia	Radiodif. de Occidente
															4770	62.89	CR6RO	Dunio, Angola	R Diamang
															"	"	YDQ	Macassar, Celebes Indonesien	R Rep Indonesien
															"	"	HC4WX	Porto Viejo, Ecuador	R Genit
															"	"	YVWV	Punto Fijo, Venezuela	Ondas del Caribe
															"	"	HC5GB	Riobamba, Ecuador	R Cordillera

Grönne streck - bättre hörbarhet

World Copyright S R K.

Eftertryck förbjudes.



		SÄNDNINGSTID										kc/s	meter	Signal	Stationsort	Anrop		
G.M.T.	Sv. T.	5	7	9	11	13	15	17	19	21	23						1	3
		6	8	10	12	14	16	18	20	22	24	2	4	6	4770 62.89	BED33	Taipei, Taiwan	Taiwan Ec Station
															4774 62.84		Rangoon, Burma	Burma Ec Service
															4775 62.83	ZYR81	Sao Paulo, Brasilien	R Progresso
															4777 62.80		Bangkok, Thailand	Overseas Ec Stations
															"		Taeju, Korea	VoA
															4780 62.76	HC4DF	Chone, Ecuador	V. de Chone
															"		Pusan, Korea	V of UN Command, Tokyo
															"	HC1LC	Quito, Ecuador	R Atalhuza
															"	CHL7	Singapore, Malaya	R Malaya Green Network
															"	YVLA	Valencia, Venezuela	V. de Carabobo
															4785 62.70	HJAB	Baranquilla, Colombia	Emisora Unidas
															"	APL	Lahore, Pakistan	R Pakistan
															"	EYY20	Porto Velho, Brasilien	Radiodif. do Guapo
															"	ZYM8	Sao Luiz, Brasilien	R Ribasur
															4790 62.63	HC4AS	Bahia, Ecuador	V. de los Caras
															"	YVQC	C. Bolivar, Venezuela	Eccos del Orinocco
															"	EQD	Teheran, Iran	R Teheran
															4795 62.57		Teresina, Brasilien	R Club de Piaui
															"		Zanzibar, Zanzibar	R Zanzibar
															4797 62.54	HJFU	Armenia, Colombia	V. del Comercio
															4800 62.50	HG4HV	Jipijapa, Ecuador	V. de Jipijapa
															"		Johannesburg, South-Africa	SABC
															"		Lagos, Nigeria	Nigerian Ec Service
															"	YVME	Maracaibo, Venezuela	Ondas del Lago
															"		Mysore, Indien	AIR
															"	YSDR	Santa Ana, El Salvador	R Trópical
															4805 62.43	ZYS8	Manaos, Brasilien	Radiodif. do Amazonas
															"		Nassau, Bahamas-Islands	Telecom. Dept
															4806 62.42	CR6AA	Lobito, Angola	Radiodif. Lobito
															4807 62.41	APK	Karachi, Pakistan	R Pakistan
															"	CR5SC	Sao Tomé, S. Tomé e Príncipe	R Club de Sao Tomé
															4810 62.37	HC3RC	Loja, Ecuador	R Coro Santa Cecilia
															"	YVMG	Maracaibo, Venezuela	R Popular
															4815 62.31	HJBB	Cucuta, Colombia	V. del Cucuta
															"	HC4DC	Manta, Ecuador	R Centit
															4820 62.24		Chiclayo, Peru	R Chiclayo
															"	YVNB	Coro, Venezuela	Ondas de los Medanos
															"	XEJG	Guadalajara, Mexico	Gobierno de Jalisco
															"		S:t Denis, Reunion	R S:t Denis
															"		Singapore, Malaya	R Malaya Blue Network
															4824 62.19		Abidjan, Ivory Coast	R Abidjan
															4825 62.18	ZYE7	Parnaiba, Brasilien	R Educadora de Parnaiba
															"	HJHC	Pasto, Colombia	R Mariña
															"		Saigon, Vietnam Indochina	R France-Asie
															4826 62.16	ZQF	Lusaka, North-Rhodesia	Centra' African Ec Station
															4829 62.11	CR7BV	Lourenço Marques, Moçambique	R Club de Moçambique
															4830 62.11	HC6FX	Latacunga, Ecuador	V. de Cotopaxi
															"	YVOA	San Cristobal, Venezuela	V. de Tachira
															4835 62.05		Boa Vista, Brasilien	Radiodif. Roraima
															"	HJKE	Botogá, Colombia	R Continental
															"	ZYV37	Mineiro, Brasilien	R Soc Triangulo
															"	ELWA	Monrovia, Liberia	R Stn ELWA
															4840 61.98	VUB	Bombay, Indien	AIR
															"	YDU	Denpasar, Bali Indonesien	R Rep Indonesia
															"	YVOI	Valera, Venezuela	R Valera
															4842 61.94	CR6RO	Silva Porto, Angola	R Clube do Bie
															4845 61.92	HJGF	Bucaramanga, Colombia	R Bucaramanga
															"	ZYU8	Teresina, Brasilien	Radiodif. Teresina
															4850 61.86	YVMS	Barquisimeto, Venezuela	R Universo
															"	HC3CV	Loja, Ecuador	Ondas del Samora
															4852 61.83	CR6RD	Nova Lisboa, Angola	R Club de Huambo
															4855 61.79	CP39	Cobija, Bolivia	R Cobija
															"	HJFV	Neiva, Colombia	R Neiva
															"	YDK	Palembang, Sumatra Indonesien	R Rep Indonesia
															"	ZYR61	Taubaté, Brasilien	Radiodif. Taubaté
															4860 61.73	VUD	Delhi, Indien	AIR
															"	YVPA	San Felipe, Venezuela	R Yaracay
															"		Shrinagar, Kashmir	R Kashmir
															4865 61.66	YDR	Ambon, Moluccas Indonesien	R Republic Indonesia
															"	PRC5	Belem, Brasilien	R Clube do Para
															"	HJEV	Pereira, Colombia	V. de Pereira
															"	CSA93	Ponta Delgada, Açores	Emisor Regional dos Açores
															4869 61.61	CR6RM	Luanda, Angola	R Clube de Angola
															4870 61.60	HC4DR	Bahia, Ecuador	R Miramar
															"		Colombo, Ceylon	R Ceylon
															"		Cotonou, Dahomey	
															"	VUD	Delhi, Indien	AIR
															"	HJ3C	San Pedro de Macoris, Dom. Rep.	V. del Progreso
															4872 61.58	CR7BV	Lourenço Marques, Moçambique	R Club de Moçambique

Grövre streck = bättre hörbarhet

World Copyright S R K.

Eftertryck förbjödes.



		SÄNDNINGSTID												k/s	meter	Signal	Stationsort	Anrop	
G.M.T.	Sv. T.	5	7	9	11	13	15	17	19	21	23	1	3						5
		6	8	10	12	14	16	18	20	22	24	2	4	6					
															4875	61.54	HS1JS	Bangkok, Thailand	Thai Army Station
															"	"	CR7IC	Beira, Mocambique	En. do Aero Clube
															"	"	EJFBG	Cucuta, Colombia	V. del Norte
															4880	61.48	VUC	Calcutta, Indien	AIR
															"	"	YVKF	Caracas, Venezuela	Ondas Populares
															"	"	WUD	Delhi, Indien	AIR
															"	"	HC1GB	Latacunga, Ecuador	R Nac. Espeja
															4885	61.41	YQ7LO	Nairobi, Kenya Colony	Cables & Wireless Stn
															"	"	ZYB50	Pocos de Caldas, Brasilien	R Cultura de P.de C.
															"	"		Rio de Janeiro, Brasilien	Radiodif. Acrena
															4890	61.35	HI3C	Barahona, Dom.Rep.	V. del Mar
															"	"	YVKB	Caracas, Venezuela	Radiodif. Venezuela
															4892	61.32	HC1MI	Quito, Ecuador	Emis. Gran Colombia
															4893	61.31		Dakar, Senegal	R Dakar Federale
															4895	61.29	HJCH	Bogotá, Colombia	V. de la Victor
															"	"		Cape Town, South-Africa	SABC
															"	"		Johannesburg, South-Africa	SABC
															"	"	APK	Karachi, Pakistan	R Pakistan
															"	"	PRF6	Manaos, Brasilien	R Baré
															4897	61.26	VLX4	Perth, W.A. Australia	Australian Bc Commission
															4900	61.22	VPO	Belize, Br. Honduras	Britt. Honduras Bc Service
															"	"		Brasaville, Fr Ekv Africa	R Chad
															"	"	YVQE	C. Bolivar, Venezuela	R Bolivar
															"	"	ZOH	Colombo, Ceylon	R Ceylon
															"	"	CR8AB	Goa, Port. Indien	R Goa
															"	"	HC1IM	Ibarra, Ecuador	V. de Imbabura
															"	"		Lagos, Nigeria	Nigerian Bc Service
															4905	61.16	HJAG	Baranquilla, Colombia	Emissora Atlantico
															"	"	ZYZ20	Rio de Janeiro, Brasilien	R Relogio Federal
															4907	61.14		Siemrap, Cambodja Indochina	R Siemrap
															4910	61.10	YDB2	Djakarta, Java Indonesien	R Rep Indonesia
															"	"	APK	Karachi, Pakistan	R Pakistan
															"	"	HC1AR	San Gabriel, Ecuador	V. de Montufor
															"	"	HI9B	Sant. de los Caball. Dom.Rep.	Bc Hotel Mercedes
															"	"	JKI	Tokyo, Japan	Nippon Hoso Kyokai
															4911	61.08	CR7BU	Lourenco Marques, Mocambique	R Club de Mocambique
															4915	61.04	ZOY	Accra, Gold Coast	R Accra
															"	"	ZYE	Macapá, Brasilien	Radiodif. Macapá
															"	"	HJEQ	Popayán, Colombia	V. de Cauca
															4920	60.98	HC6JX	Baños, Ecuador	R Cultura Rel. Baños
															"	"	VLM4	Brisbane, Queensl. Australia	Australian Bc Commission
															"	"	YVKR	Caracas, Venezuela	R Caracas
															"	"	HC2MD	La Libertad, Ecuador	V. de la Peninsula
															"	"	VUM2	Madras, Indien	AIR
															4925	60.91	ZYA36	Juiz de Fora, Brasilien	R Industrial
															"	"	HJAR	Cartagena, Colombia	R Colonial
															4930	60.85		Benghazi, Libya	FBS
															"	"	YUD	Delhi, Indien	AIR
															"	"	YDP	Medan, Sumatra Indonesien	R Rep Indonesia
															"	"	HC1RC	Quito, Ecuador	R Casa de la Cultura
															4934	60.80		Nairobi, Kenya	East African Bc Service
															4935	60.79	EJFR	Ibaqué, Colombia	Ondas del Ibaqué
															"	"	APK	Karachi, Pakistan	R Pakistan
															"	"	ZYI21	Natal, Brasilien	R Poti
															4939	60.74	EJLJ	Bogotá, Colombia	R Cadena Oriental
															4940	60.73	YVMO	Barquisimeto, Venezuela	R Occidental
															"	"	YUD	Delhi, Indien	AIR
															"	"	JEM	Tokyo, Japan	
															4942	60.70		Paramaribo, Suriname	Prinz Bernad Zender
															4943	60.69		Colombo, Ceylon	R Ceylon
															4945	60.67	FOE9	Abidjan, Ivory Coast	R Abidjan
															"	"	YDA3	Bandung, Java Indonesia	R Rep Indonesia
															"	"	HJCV	Bogotá, Colombia	Emissora Sur América
															"	"	YVLS	Caracas, Venezuela	R Aero Postal
															"	"		Johannesburg, South-Africa	Springbook Radio
															"	"	HC1BQ	Quito, Ecuador	R Quito
															4948	60.63	HJAP	Cartagena, Colombia	R Colonial
															4950	60.61	YVMM	Coro, Venezuela	R Coro
															"	"		Dakar, Senegal	R Dakar
															"	"	ZQI	Kingston, Jamaica	R Jamaica
															4955	60.54	HJCA	Bogotá, Colombia	R-dif Nac. Minist. de Educaçao
															"	"	PRF7	Campos, Brasilien	R Cultura de Campos
															4958	60.51		Baku, USSR	
															4960	60.48		Blagoveschensk, USSR	
															"	"	YVQA	Cumaná, Venezuela	R Sucre
															"	"	YUD	Delhi, Indien	AIR
															"	"	HC5HP	Riobamba, Ecuador	Ondas Ecuatorianas
															4965	60.42	HJAE	Cartagena, Colombia	Emisora Fuentes
															"	"		Niteroi, Brasilien	Soc R Emis. Continental

Grövre streck = bättre hörbarhet

World Copyright S R K.

Förettryck förbjudet.



SÄNDNINGSTID										G.M.T.	Sv. T.	kc/s	meter	Signal	Stationsort	Anrop			
5	7	9	11	13	15	17	19	21	23								1	3	5
															4965	60.42	ZYP20	San Canzalo, Brasilien	R Mapinguari
															4967	60.40		Colombo, Ceylon	R Ceylon
															4970	60.36	YVLK	Caracas, Venezuela	R Rumbos
																	HC1JM	Riobamba, Ecuador	R Roxi
																		Tulcan, Ecuador	R Tulcan
															4975	60.30	PZH5	Paramaribo, Suriname	AVROS
																	ZYY9	Sau Luiz, Brasilien	R Tibiras
																		Sanziwar, Zanzibar	R Zanzibar
															4978	60.27		Mogodishu, Ital. Somaliland	R Mogodishu
															4980	60.24	OQ2AC	Elisabethville, Belg. Congo	R College
																	HC5JE	Cuenca, Ecuador	Ondas Azuayas
																	HI3K	Sant. de los Caball. Dom. Rep.	Ondas del Yaque
															4984	60.20	ACHN	USA	Navy Station ACHN
															4985	60.18	ALB	Anchore, Alaska-USA	Alaska Comm. System
																	ZYZ5	Cuiaba, Brasilien	V. do Oeste
																	YDN2	Kotaratja, Sumatra Indonesia	R Rep Indonesia
																		Mombasa, Kenya Colony	East African Bc Service
															4990	60.12	YVMQ	Barquisimeto, Venezuela	R Barquisimeto
																	VUD	Delhi, Indien	AIR
																		Ibadan, Nigeria	Nigerian Bc Service
																	ZCQ3	Mahé, Seychelles Islands	Seychelles Bc Serv
																	HC10B	Otava, Ecuador	R Ondas Azules
															4992	60.10		Khartoum, Sudan	R Omdurman
															4995	60.06	ZTY2	Goiania, Brasilien	R Brasil Central
															5000	60.00	WWV	Boulder, Col. USA	Nat. Bureau of Standards
																	WWVH	Honolulu, Hawaii	R Stn WWVH Puuene
																	ZUO	Johannesburg, South-Africa	Standard Freq. Stn
																		Kuwait, Kuwait Persian Gulf	R Kuwait
																	MSF	Teddington, Middelsex England	Nat. Physical Laboratory
																	JJY	Tokyo, Japan	R Research Laboratories
															5007	59.89	4UNG	Gaza, Israel	UN Trustee Supervision Org.
															5010	59.88	HJCT	Bogotá, Colombia	Radiodif. Nacional
																		Khartoum, Sudan	R Omdurman Bc Service
																		Singapore, Malaya	FBS
																	BEB34	Taipeh, Taiwan	Taiwan Bc Stations
																	PJC7	Willemstad, Curacao	R Hoyer
															5015	59.82	HC5CB	Asoguez, Ecuador	R V. de Asoguez
																	HJCC	Bogotá, Colombia	R Nacional
																	HC2BK	Guayaquil, Ecuador	R El Mundo
																	HC1RP	Quito, Ecuador	R Catolica
																	PRH8	Rio de Janeiro, Brasilien	Fundapao R Maua
															5020	59.76		Colombo, Ceylon	R Ceylon
																	HJFW	Manizales, Colombia	Transmisora Caldas
															5024	59.71	CR6RJ	Sa da Bandeira, Angola	R Clube do Huila
															5025	59.70	HC5AL	Cuenca, Ecuador	R Nueva Austri
															5026	59.69		Kampala, Uganda	Kampala Bc Station
															5030	59.64	YDM2	Bukittingi, Sumatra Indonesia	R Rep Indonesia
																	YVKM	Caracas, Venezuela	R Contiente
																	4VGS	Gonaives, Haiti	R Independence
																	H18Z	Santiago, Dom. Rep.	R Santiago
															5033	59.61	CR6AA	Lobito, Angola	Radiodif. Lobito
															5035	59.58	APD	Dacca, Pakistan	R Pakistan
																		Ibadan, Nigeria	Nigerian Bc Service
															5040	59.55	YVMA	Maracaibo, Venezuela	Ecos del Zulia
																	4VPM	Port de Paix, Haiti	V of North West
																		Tblisi, USSR	
															5042	59.50	CR6RF	Benguela, Angola	R Club de Benguela
															5045	59.46		Biak, New Guinea	Radiocomroep Nieuw Guinea
																	YNRL	Granada, Nicaragua	V. de la Victoria
																	HC5ET	Riobamba, Ecuador	R Roxi
																	ZYP23	Rio de Janeiro, Brasilien	R Quitandinha
																	COCW	Havana, Cuba	Circuito Nacional Cubano
																	YHAV	Managua, Nicaragua	R Continental
															5050	59.41	YVKD	Caracas, Venezuela	R Cultura
																		Dar-es-Salaam, Tanganyika	R Dar-es-Salaam
																	ZL1ZA	Raratonga, Cook-Islands	R Raratonga
															5052	59.38		Luching, Sarawak N Borneo	
															5053	59.37	H12L	C. Trujillo, Dom. Rep.	V. del Tropic
															5055	59.36	HJDW	Medellin, Colombia	V. de Medellin
															5060	59.29	YDJ	Jogjakarta, Java Indonesia	R Rep Indonesia
																	4VDP	Gonaives, Haiti	R Independence
															5075	59.13	HJKH	Sutatenza, Colombia	Accion Cultural Popular
															5135	58.42	DOE24	Köln, Tyskland	Bundespost
															5195	57.75	HC6GT	Ambato, Ecuador	R Continental
															5250	57.14		Frankfurt, Tyskland	Overseas Telephone Service
															5260	57.03		UlanBator, USSR Mongolia	R Ulan Bator
															5290	56.71		Bukarest, Rumänien	R Romana Libera
															5450	56.05		Samarkand, USSR	
															5470	54.84		Frankfurt, Tyskland	A F N

Grövre streck = bättre hörbarhet

World Copyright S R K.

Eftertryck förbjudes.